



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-TOP	SDG No.:	P4460
Lab Sample ID:	P4460-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	51.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/22/24 09:40	10/23/24 3:41	PB164309

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.74	U	1	0.74	1.94	mg/kg	FC067489.D
Aliphatic C12-C16	Aliphatic C12-C16	1.09	J	1	0.47	1.29	mg/kg	FC067489.D
Aliphatic C16-C21	Aliphatic C16-C21	0.88	J	1	0.58	1.94	mg/kg	FC067489.D
Aliphatic C21-C28	Aliphatic C21-C28	2.69		1	1.55	2.59	mg/kg	FC067489.D
Aliphatic C28-C40	Aliphatic C28-C40	3.57	J	1	3.49	3.88	mg/kg	FC067489.D
Aromatic C10-C12	Aromatic C10-C12	0.58	U	1	0.58	1.29	mg/kg	FD048552.D
Aromatic C12-C16	Aromatic C12-C16	7.15		1	0.66	1.94	mg/kg	FD048552.D
Aromatic C16-C21	Aromatic C16-C21	5.97		1	1.86	3.23	mg/kg	FD048552.D
Aromatic C21-C36	Aromatic C21-C36	7.27		1	3.88	5.17	mg/kg	FD048552.D
Total AliphaticEPH	Total AliphaticEPH	8.23	J		6.83	11.6	mg/kg	
Total AromaticEPH	Total AromaticEPH	20.4			6.98	11.6	mg/kg	
Total EPH	Total EPH	28.6			13.8	23.3	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-TOP	SDG No.:	P4460
Lab Sample ID:	P4460-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	51.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067489.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.74	U	0.74	1.94	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.09	J	0.47	1.29	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.88	J	0.58	1.94	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	2.69		1.55	2.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.57	J	3.49	3.88	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.1		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4460-02	Acq On:	23 Oct 2024 03:41
Client Sample ID:	WB-303-TOP	Operator:	YP/AJ
Data file:	FC067489.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	593952	4.627	300	ug/ml
Aliphatic C12-C16	6.456	9.845	1105399	8.441	200	ug/ml
Aliphatic C16-C21	9.846	13.203	895549	6.811	300	ug/ml
Aliphatic C21-C28	13.204	16.857	2636047	20.785	400	ug/ml
Aliphatic C28-C40	16.858	21.701	2902826	27.589	600	ug/ml
Aliphatic EPH	3.175	21.701	8133773	68.254		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.935	12.935	2835180	25.05		ug/ml
Aliphatic C9-C28	3.175	16.857	5230947	40.664	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-TOP	SDG No.:	P4460
Lab Sample ID:	P4460-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	51.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048552.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.58	U	0.58	1.29	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.15		0.66	1.94	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.97		1.86	3.23	mg/kg
Aromatic C21-C36	Aromatic C21-C36	7.27		3.88	5.17	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.3		40 - 140	109%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	57.2		40 - 140	114%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.4		40 - 140	55%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4460-02	Acq On:	23 Oct 2024 03:41
Client Sample ID:	WB-303-TOP	Operator:	YP/AJ
Data file:	FD048552.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	658853	3.64	200	ug/ml
Aromatic C12-C16	5.815	8.420	10501210	55.271	300	ug/ml
Aromatic C16-C21	8.421	12.681	8242207	46.116	500	ug/ml
Aromatic C21-C36	12.682	18.086	9295778	56.215	800	ug/ml
Aromatic EPH	4.096	18.086	28698048	161.242		ug/ml
ortho-Terphenyl (SURR)	11.259	11.259	5049250	27.44		ug/ml
2-Bromonaphthalene (SURR)	7.376	7.376	8986012	54.27		ug/ml
2-Fluorobiphenyl (SURR)	8.225	8.225	5934948	57.23		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-BOT	SDG No.:	P4460
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/22/24 09:40	10/23/24 4:16	PB164309

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.73		1	0.47	1.25	mg/kg FC067490.D
Aliphatic C12-C16	Aliphatic C12-C16	45.8		5	1.50	4.15	mg/kg FC067501.D
Aliphatic C16-C21	Aliphatic C16-C21	2.34		1	0.37	1.25	mg/kg FC067490.D
Aliphatic C21-C28	Aliphatic C21-C28	7.39		1	1.00	1.66	mg/kg FC067490.D
Aliphatic C28-C40	Aliphatic C28-C40	3.01		1	2.24	2.49	mg/kg FC067490.D
Aromatic C10-C12	Aromatic C10-C12	6.30		1	0.37	0.83	mg/kg FD048553.D
Aromatic C12-C16	Aromatic C12-C16	6.32		1	0.42	1.25	mg/kg FD048553.D
Aromatic C16-C21	Aromatic C16-C21	3.86		1	1.20	2.08	mg/kg FD048553.D
Aromatic C21-C36	Aromatic C21-C36	6.83		1	2.49	3.32	mg/kg FD048553.D
Total AliphaticEPH	Total AliphaticEPH	64.3			5.59	10.8	mg/kg
Total AromaticEPH	Total AromaticEPH	23.3			4.49	7.48	mg/kg
Total EPH	Total EPH	87.6			10.1	18.3	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-BOT	SDG No.:	P4460
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067490.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.73		0.47	1.25	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	43.9	E	0.30	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	2.34		0.37	1.25	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	7.39		1.00	1.66	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.01		2.24	2.49	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.5		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4460-03	Acq On:	23 Oct 2024 04:16
Client Sample ID:	WB-303-BOT	Operator:	YP/AJ
Data file:	FC067490.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	8847442	68.93	300	ug/ml
Aliphatic C12-C16	6.456	9.845	69157418	528.09	200	ug/ml
Aliphatic C16-C21	9.846	13.203	3700773	28.148	300	ug/ml
Aliphatic C21-C28	13.204	16.857	11273146	88.888	400	ug/ml
Aliphatic C28-C40	16.858	21.701	3817553	36.283	600	ug/ml
Aliphatic EPH	3.175	21.701	96796332	750.339		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.937	12.937	4582483	40.48		ug/ml
Aliphatic C9-C28	3.175	16.857	92978779	714.056	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-BOT	SDG No.:	P4460
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048553.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.30		0.37	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.32		0.42	1.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.86		1.20	2.08	mg/kg
Aromatic C21-C36	Aromatic C21-C36	6.83		2.49	3.32	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.4		40 - 140	87%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.0		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.7		40 - 140	59%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4460-03	Acq On:	23 Oct 2024 04:16
Client Sample ID:	WB-303-BOT	Operator:	YP/AJ
Data file:	FD048553.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	13713706	75.773	200	ug/ml
Aromatic C12-C16	5.815	8.420	14462543	76.121	300	ug/ml
Aromatic C16-C21	8.421	12.681	8296940	46.422	500	ug/ml
Aromatic C21-C36	12.682	18.086	13583618	82.145	800	ug/ml
Aromatic EPH	4.096	18.086	50056807	280.461		ug/ml
ortho-Terphenyl (SURR)	11.260	11.260	5458641	29.67		ug/ml
2-Bromonaphthalene (SURR)	7.375	7.375	7189130	43.42		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	4564356	44.01		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-BOTDL	SDG No.:	P4460
Lab Sample ID:	P4460-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067501.D	5	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.26		2.37	6.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	45.8		1.50	4.15	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	2.84	J	1.87	6.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.1		4.99	8.31	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.2	U	11.2	12.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	8.15		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4460-03DL	Acq On:	23 Oct 2024 12:09
Client Sample ID:	WB-303-BOTDL	Operator:	YP/AJ
Data file:	FC067501.D	Misc:	
Instrument:	FID_C	ALS Vial:	25
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	1934395	15.071	300	ug/ml
Aliphatic C12-C16	6.456	9.845	14452444	110.36	200	ug/ml
Aliphatic C16-C21	9.846	13.203	899790	6.844	300	ug/ml
Aliphatic C21-C28	13.204	16.857	3092667	24.386	400	ug/ml
Aliphatic C28-C40	16.858	21.701	319320	3.035	600	ug/ml
Aliphatic EPH	3.175	21.701	20698616	159.695		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.934	12.934	922727	8.15		ug/ml
Aliphatic C9-C28	3.175	16.857	20379296	156.661	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-SW	SDG No.:	P4460
Lab Sample ID:	P4460-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
10/23/24 09:49	10/24/24 13:25	PB164368

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.33	U	1	6.33	33.0	ug/l	FC067520.D
Aliphatic C12-C16	Aliphatic C12-C16	3.97	U	1	3.97	22.0	ug/l	FC067520.D
Aliphatic C16-C21	Aliphatic C16-C21	5.65	U	1	5.65	33.0	ug/l	FC067520.D
Aliphatic C21-C28	Aliphatic C21-C28	9.86	U	1	9.86	44.0	ug/l	FC067520.D
Aliphatic C28-C40	Aliphatic C28-C40	18.7	U	1	18.7	65.9	ug/l	FC067520.D
Aromatic C10-C12	Aromatic C10-C12	3.65	U	1	3.65	22.0	ug/l	FD048582.D
Aromatic C12-C16	Aromatic C12-C16	4.05	U	1	4.05	33.0	ug/l	FD048582.D
Aromatic C16-C21	Aromatic C16-C21	25.0	J	1	14.0	54.9	ug/l	FD048582.D
Aromatic C21-C36	Aromatic C21-C36	27.7	U	1	27.7	87.9	ug/l	FD048582.D
Total AliphaticEPH	Total AliphaticEPH	44.5	U		44.5	198	ug/l	
Total AromaticEPH	Total AromaticEPH	49.4	U		49.4	198	ug/l	
Total EPH	Total EPH	93.9	U		93.9	396	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-SW	SDG No.:	P4460
Lab Sample ID:	P4460-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067520.D	1	10/23/24	10/24/24	PB164368

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.33	U	6.33	33.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.97	U	3.97	22.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.65	U	5.65	33.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	9.86	U	9.86	44.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	18.7	U	18.7	65.9	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.4		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4460-06	Acq On:	24 Oct 2024 13:25
Client Sample ID:	WB-303-SW	Operator:	YP/AJ
Data file:	FC067520.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.174	6.454	169569	1.252	300	ug/ml
Aliphatic C12-C16	6.455	9.844	182231	1.384	200	ug/ml
Aliphatic C16-C21	9.845	13.202	95001	0.747	300	ug/ml
Aliphatic C21-C28	13.203	16.857	47154	0.393	400	ug/ml
Aliphatic C28-C40	16.858	21.703	242462	2.398	600	ug/ml
Aliphatic EPH	3.174	21.703	736417	6.173		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.936	12.936	4359112	40.37		ug/ml
Aliphatic C9-C28	3.174	16.857	493955	3.776	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-SW	SDG No.:	P4460
Lab Sample ID:	P4460-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048582.D	1	10/23/24	10/24/24	PB164368

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.65	U	3.65	22.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	4.05	U	4.05	33.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	25.0	J	14.0	54.9	ug/l
Aromatic C21-C36	Aromatic C21-C36	27.7	U	27.7	87.9	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.0		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.4		40 - 140	113%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.9		40 - 140	106%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4460-06	Acq On:	24 Oct 2024 13:25
Client Sample ID:	WB-303-SW	Operator:	YP/AJ
Data file:	FD048582.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.095	5.813	227374	1.29	200	ug/ml
Aromatic C12-C16	5.814	8.419	74019	0.418	300	ug/ml
Aromatic C16-C21	8.420	12.681	1862824	11.37	500	ug/ml
Aromatic C21-C36	12.682	18.087	1914590	12.537	800	ug/ml
Aromatic EPH	4.095	18.087	4078807	25.615		ug/ml
2-Bromonaphthalene (SURRE)	7.374	7.374	8202625	54.04		ug/ml
2-Fluorobiphenyl (SURRE)	8.224	8.224	5535266	56.37		ug/ml
ortho-Terphenyl (SURRE)	11.261	11.261	9002839	52.85		ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: P4460 SAS No.: P4460 SDG No.: P4460
Run Number: FC102224AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
WB-303-TOP	50			0
WB-303-BOT	81			0
WB-303-BOTDL	82			0
WB-303-BOTMS	62			0
WB-303-BOTMSD	63			0
PB164309BL	69			0
PB164309BS	65			0
PB164309BSD	68			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: P4460 SAS No.: P4460 SDG No.: P4460
Run Number: FC102424AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
WB-303-SW	81			0
PB164368BL	75			0
PB164368BS	72			0
PB164368BSD	71			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: P4460 SAS No.: P4460 SDG No.: P4460
Run Number: FD102224AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
WB-303-TOP	109	114	55	0
WB-303-BOT	87	88	59	0
WB-303-BOTMS	96	98	67	0
WB-303-BOTMSD	95	97	66	0
PB164309BL	93	83	81	0
PB164309BS	111	118	91	0
PB164309BSD	110	118	91	0

QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Flurobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: PORT06
Lab Code: CHEM CASE No.: P4460 SAS No.: P4460 SDG No.: P4460
Run Number: FD102424AR

Client SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
WB-303-SW	108	113	106	0
PB164368BL	105	90	90	0
PB164368BS	123	127	101	0
PB164368BSD	123	127	101	0

QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Flurobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

SOIL EPH SURROGATE RECOVERY

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

QC LIMITS

2-Bromonaphthalene (SURR)	(40-140)
2-Flurobiphenyl (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : P4460-03MS **Datafile:** FC067492.D
Client ID : WB-303-BOTMS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	12.5	5.73	13.4	62		(40-140)
Aliphatic C12-C16	8.3	43.9	52.6	105		(40-140)
Aliphatic C16-C21	12.5	2.34	20.0	141	*	(40-140)
Aliphatic C21-C28	16.6	7.39	32.0	148	*	(40-140)
Aliphatic C28-C40	24.9	3.01	33.3	121		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : P4460-03MSD **Datafile:** FC067493.D
Client ID : WB-303-BOTMSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS QC Limit Of RPD
Aliphatic C9-C12	12.5	5.73	13.4	62		0 (40-140) 25
Aliphatic C12-C16	8.3	43.9	52.0	98		7.2 (40-140) 25
Aliphatic C16-C21	12.5	2.34	19.1	134		5.09 (40-140) 25
Aliphatic C21-C28	16.6	7.39	30.7	140	*	5.56 (40-140) 25
Aliphatic C28-C40	24.9	3.01	30.7	111		8.62 (40-140) 25

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : P4460-03MS **Datafile:** FD048555.D
Client ID : WB-303-BOTMS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	8.3	6.30	12.6	76		(40-140)
Aromatic C12-C16	12.5	6.32	19.1	102		(40-140)
Aromatic C16-C21	20.8	3.86	25.5	104		(40-140)
Aromatic C21-C36	33.2	6.83	42.2	106		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : P4460-03MSD **Datafile:** FD048556.D
Client ID : WB-303-BOTMSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS QC Limit Of RPD
Aromatic C10-C12	8.3	6.30	12.6	76		0 (40-140) 25
Aromatic C12-C16	12.5	6.32	19.2	103		0.98 (40-140) 25
Aromatic C16-C21	20.8	3.86	25.3	103		0.97 (40-140) 25
Aromatic C21-C36	33.2	6.83	41.5	104		1.9 (40-140) 25

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : PB164309BS **Datafile:** FC067486.D
Client ID : PB164309BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C9-C12	10	5.99	60		(40-140)
Aliphatic C12-C16	6.7	5.14	77		(40-140)
Aliphatic C16-C21	10	8.64	86		(40-140)
Aliphatic C21-C28	13.3	11.7	88		(40-140)
Aliphatic C28-C40	20.0	21.2	106		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : PB164309BSD **Datafile:** FC067487.D
Client ID : PB164309BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	10.0	5.96	60		0.636 (40-140)	50
Aliphatic C12-C16	6.7	5.14	77		0.0962 (40-140)	50
Aliphatic C16-C21	10.0	8.65	86		0.03 (40-140)	50
Aliphatic C21-C28	13.3	11.8	88		0.82 (40-140)	50
Aliphatic C28-C40	20.0	21.4	107		0.97 (40-140)	50

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : PB164368BS **Datafile:** FC067518.D
Client ID : PB164368BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aliphatic C9-C12	300	176	59		(40-140)
Aliphatic C12-C16	200	159	80		(40-140)
Aliphatic C16-C21	300	281	94		(40-140)
Aliphatic C21-C28	400	391	98		(40-140)
Aliphatic C28-C40	600	692	115		(40-140)

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : PB164368BSD **Datafile:** FC067519.D
Client ID : PB164368BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C9-C12	300	174	58		1.2 (40-140)	50
Aliphatic C12-C16	200	157	78		1.3 (40-140)	50
Aliphatic C16-C21	300	277	92		1.5 (40-140)	50
Aliphatic C21-C28	400	387	97		1.1 (40-140)	50
Aliphatic C28-C40	600	686	114		0.581 (40-140)	50

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : PB164309BS **Datafile:** FD048549.D
Client ID : PB164309BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aromatic C10-C12	6.7	5.58	84		(40-140)
Aromatic C12-C16	10	8.88	89		(40-140)
Aromatic C16-C21	16.7	18.1	108		(40-140)
Aromatic C21-C36	26.6	27.4	102		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : PB164309BSD **Datafile:** FD048550.D
Client ID : PB164309BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	6.7	5.56	83		0.445 (40-140)	50
Aromatic C12-C16	10.0	8.89	89		0.03 (40-140)	50
Aromatic C16-C21	16.7	18.1	108		0.58 (40-140)	50
Aromatic C21-C36	26.7	27.4	102		0.76 (40-140)	50

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : PB164368BS **Datafile:** FD048580.D
Client ID : PB164368BS

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	QC LIMITS
Aromatic C10-C12	200	174	87		(40-140)
Aromatic C12-C16	300	292	97		(40-140)
Aromatic C16-C21	500	610	122		(40-140)
Aromatic C21-C36	800	922	115		(40-140)

WATER EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Portal Partners Tri-Venture
Lab Code: CHEM **Cas No:** P4460 **SAS No :** P4460 **SDG No:** P4460
Sample No : PB164368BSD **Datafile:** FD048581.D
Client ID : PB164368BSD

COMPOUND	SPIKE ADDED ug/l	LCS/LCSD CONCENTRATION ug/l	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aromatic C10-C12	200	174	87		0 (40-140)	50
Aromatic C12-C16	300	291	97		0.309 (40-140)	50
Aromatic C16-C21	500	610	122		0 (40-140)	50
Aromatic C21-C36	800	923	115		0.32 (40-140)	50

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164309BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4460

SAS No.: P4460 SDG NO.: P4460

Instrument ID: FID_C

Lab Sample ID: PB164309BL

Matrix: (soil/water) Solid

Date Extracted: 10/22/2024 9:40:00

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID
WB-303-TOP	P4460-02
WB-303-BOT	P4460-03
WB-303-BOTMS	P4460-03MS
WB-303-BOTMSD	P4460-03MSD
PB164309BS	PB164309BS
PB164309BSD	PB164309BSD

COMMENTS: _____

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164368BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4460

SAS No.: P4460 SDG NO.: P4460

Instrument ID: FID_C

Lab Sample ID: PB164368BL

Matrix: (soil/water) Water

Date Extracted: 10/23/2024 9:49:00

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID
PB164368BS	PB164368BS
PB164368BSD	PB164368BSD
WB-303-SW	P4460-06

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BL	SDG No.:	P4460
Lab Sample ID:	PB164309BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/22/24 09:40	10/23/24 1:18	PB164309

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.38	U	1	0.38	1.00	mg/kg	FC067485.D
Aliphatic C12-C16	Aliphatic C12-C16	0.24	U	1	0.24	0.67	mg/kg	FC067485.D
Aliphatic C16-C21	Aliphatic C16-C21	0.30	U	1	0.30	1.00	mg/kg	FC067485.D
Aliphatic C21-C28	Aliphatic C21-C28	0.80	U	1	0.80	1.33	mg/kg	FC067485.D
Aliphatic C28-C40	Aliphatic C28-C40	1.80	U	1	1.80	2.00	mg/kg	FC067485.D
Aromatic C10-C12	Aromatic C10-C12	0.30	U	1	0.30	0.67	mg/kg	FD048548.D
Aromatic C12-C16	Aromatic C12-C16	0.34	U	1	0.34	1.00	mg/kg	FD048548.D
Aromatic C16-C21	Aromatic C16-C21	0.96	U	1	0.96	1.67	mg/kg	FD048548.D
Aromatic C21-C36	Aromatic C21-C36	2.00	U	1	2.00	2.66	mg/kg	FD048548.D
Total AliphaticEPH	Total AliphaticEPH	3.52	U		3.52	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.60	U		3.60	6.00	mg/kg	
Total EPH	Total EPH	7.12	U		7.12	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BL	SDG No.:	P4460
Lab Sample ID:	PB164309BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067485.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.38	U	0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.24	U	0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.30	U	0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.80	U	0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.80	U	1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.5		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164309BL	Acq On:	23 Oct 2024 01:18
Client Sample ID:	PB164309BL	Operator:	YP/AJ
Data file:	FC067485.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	0	0	300	ug/ml
Aliphatic C12-C16	6.456	9.845	0	0	200	ug/ml
Aliphatic C16-C21	9.846	13.203	0	0	300	ug/ml
Aliphatic C21-C28	13.204	16.857	0	0	400	ug/ml
Aliphatic C28-C40	16.858	21.701	0	0	600	ug/ml
Aliphatic EPH	3.175	21.701	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.937	12.937	3901025	34.46		ug/ml
Aliphatic C9-C28	3.175	16.857	0	0	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BL	SDG No.:	P4460
Lab Sample ID:	PB164309BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048548.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.30	U	0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.34	U	0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.96	U	0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.00	U	2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.5		40 - 140	93%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.3		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.5		40 - 140	81%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164309BL	Acq On:	23 Oct 2024 01:18
Client Sample ID:	PB164309BL	Operator:	YP/AJ
Data file:	FD048548.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	0	0	200	ug/ml
Aromatic C12-C16	5.815	8.420	0	0	300	ug/ml
Aromatic C16-C21	8.421	12.681	0	0	500	ug/ml
Aromatic C21-C36	12.682	18.086	0	0	800	ug/ml
Aromatic EPH	4.096	18.086	0	0		ug/ml
ortho-Terphenyl (SURR)	11.259	11.259	7455289	40.52		ug/ml
2-Bromonaphthalene (SURR)	7.372	7.372	7693093	46.46		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4279022	41.26		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BL	SDG No.:	P4460
Lab Sample ID:	PB164368BL	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
10/23/24 09:49	10/24/24 11:36	PB164368

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FC067517.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FC067517.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FC067517.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FC067517.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FC067517.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FD048579.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FD048579.D
Aromatic C16-C21	Aromatic C16-C21	12.7	U	1	12.7	50.0	ug/l	FD048579.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FD048579.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BL	SDG No.:	P4460
Lab Sample ID:	PB164368BL	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067517.D	1	10/23/24	10/24/24	PB164368

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.7		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164368BL	Acq On:	24 Oct 2024 11:36
Client Sample ID:	PB164368BL	Operator:	YP/AJ
Data file:	FC067517.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.174	6.454	0	0	300	ug/ml
Aliphatic C12-C16	6.455	9.844	0	0	200	ug/ml
Aliphatic C16-C21	9.845	13.202	0	0	300	ug/ml
Aliphatic C21-C28	13.203	16.857	0	0	400	ug/ml
Aliphatic C28-C40	16.858	21.703	0	0	600	ug/ml
Aliphatic EPH	3.174	21.703	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.937	12.937	4069566	37.69		ug/ml
Aliphatic C9-C28	3.174	16.857	0	0	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BL	SDG No.:	P4460
Lab Sample ID:	PB164368BL	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048579.D	1	10/23/24	10/24/24	PB164368

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	12.7	U	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.5		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.9		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.1		40 - 140	90%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164368BL	Acq On:	24 Oct 2024 11:36
Client Sample ID:	PB164368BL	Operator:	YP/AJ
Data file:	FD048579.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.095	5.813	0	0	200	ug/ml
Aromatic C12-C16	5.814	8.419	0	0	300	ug/ml
Aromatic C16-C21	8.420	12.681	0	0	500	ug/ml
Aromatic C21-C36	12.682	18.087	0	0	800	ug/ml
Aromatic EPH	4.095	18.087	0	0		ug/ml
2-Bromonaphthalene (SURRE)	7.373	7.373	7964882	52.48		ug/ml
2-Fluorobiphenyl (SURRE)	8.221	8.221	4405849	44.87		ug/ml
ortho-Terphenyl (SURRE)	11.259	11.259	7682238	45.1		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BS	SDG No.:	P4460
Lab Sample ID:	PB164309BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/22/24 09:40	10/23/24 1:53	PB164309

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.99		1	0.38	1.00	mg/kg FC067486.D
Aliphatic C12-C16	Aliphatic C12-C16	5.14		1	0.24	0.67	mg/kg FC067486.D
Aliphatic C16-C21	Aliphatic C16-C21	8.64		1	0.30	1.00	mg/kg FC067486.D
Aliphatic C21-C28	Aliphatic C21-C28	11.7		1	0.80	1.33	mg/kg FC067486.D
Aliphatic C28-C40	Aliphatic C28-C40	21.2		1	1.80	2.00	mg/kg FC067486.D
Aromatic C10-C12	Aromatic C10-C12	5.58		1	0.30	0.67	mg/kg FD048549.D
Aromatic C12-C16	Aromatic C12-C16	8.88		1	0.34	1.00	mg/kg FD048549.D
Aromatic C16-C21	Aromatic C16-C21	18.1		1	0.96	1.67	mg/kg FD048549.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	2.00	2.66	mg/kg FD048549.D
Total AliphaticEPH	Total AliphaticEPH	52.7			3.52	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	60.0			3.60	6.00	mg/kg
Total EPH	Total EPH	113			7.12	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BS	SDG No.:	P4460
Lab Sample ID:	PB164309BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067486.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.99		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.14		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.64		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.7		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.2		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.6		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164309BS	Acq On:	23 Oct 2024 01:53
Client Sample ID:	PB164309BS	Operator:	YP/AJ
Data file:	FC067486.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	11537941	89.891	300	ug/ml
Aliphatic C12-C16	6.456	9.845	10110452	77.204	200	ug/ml
Aliphatic C16-C21	9.846	13.203	17054429	129.715	300	ug/ml
Aliphatic C21-C28	13.204	16.857	22350514	176.233	400	ug/ml
Aliphatic C28-C40	16.858	21.701	33507080	318.46	600	ug/ml
Aliphatic EPH	3.175	21.701	94560416	791.504		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.936	12.936	3694096	32.64		ug/ml
Aliphatic C9-C28	3.175	16.857	61053336	473.043	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BS	SDG No.:	P4460
Lab Sample ID:	PB164309BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048549.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.58		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.88		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	18.1		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.4		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.3		40 - 140	111%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.8		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.5		40 - 140	91%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164309BS	Acq On:	23 Oct 2024 01:53
Client Sample ID:	PB164309BS	Operator:	YP/AJ
Data file:	FD048549.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	15164647	83.79	200	ug/ml
Aromatic C12-C16	5.815	8.420	25335084	133.346	300	ug/ml
Aromatic C16-C21	8.421	12.681	48665677	272.289	500	ug/ml
Aromatic C21-C36	12.682	18.086	68020061	411.343	800	ug/ml
Aromatic EPH	4.096	18.086	157185469	900.768		ug/ml
2-Bromonaphthalene (SURRE)	7.375	7.375	9156141	55.3		ug/ml
2-Fluorobiphenyl (SURRE)	8.226	8.226	6092899	58.75		ug/ml
ortho-Terphenyl (SURRE)	11.262	11.262	8373445	45.51		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BS	SDG No.:	P4460
Lab Sample ID:	PB164368BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
10/23/24 09:49	10/24/24 12:12	PB164368

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	176		1	5.76	30.0	ug/l	FC067518.D
Aliphatic C12-C16	Aliphatic C12-C16	159		1	3.61	20.0	ug/l	FC067518.D
Aliphatic C16-C21	Aliphatic C16-C21	281		1	5.14	30.0	ug/l	FC067518.D
Aliphatic C21-C28	Aliphatic C21-C28	391		1	8.97	40.0	ug/l	FC067518.D
Aliphatic C28-C40	Aliphatic C28-C40	692		1	17.0	60.0	ug/l	FC067518.D
Aromatic C10-C12	Aromatic C10-C12	174		1	3.32	20.0	ug/l	FD048580.D
Aromatic C12-C16	Aromatic C12-C16	292		1	3.69	30.0	ug/l	FD048580.D
Aromatic C16-C21	Aromatic C16-C21	610		1	12.7	50.0	ug/l	FD048580.D
Aromatic C21-C36	Aromatic C21-C36	922		1	25.2	80.0	ug/l	FD048580.D
Total AliphaticEPH	Total AliphaticEPH	1700			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2000			44.9	180	ug/l	
Total EPH	Total EPH	3700			85.4	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BS	SDG No.:	P4460
Lab Sample ID:	PB164368BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067518.D	1	10/23/24	10/24/24	PB164368

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	176		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	159		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	281		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	391		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	692		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.0		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164368BS	Acq On:	24 Oct 2024 12:12
Client Sample ID:	PB164368BS	Operator:	YP/AJ
Data file:	FC067518.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.174	6.454	11984962	88.47	300	ug/ml
Aliphatic C12-C16	6.455	9.844	10505663	79.781	200	ug/ml
Aliphatic C16-C21	9.845	13.202	17882463	140.547	300	ug/ml
Aliphatic C21-C28	13.203	16.857	23510623	195.774	400	ug/ml
Aliphatic C28-C40	16.858	21.703	35024970	346.462	600	ug/ml
Aliphatic EPH	3.174	21.703	98908681	851.034		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.935	12.935	3890871	36.03		ug/ml
Aliphatic C9-C28	3.174	16.857	63883711	504.572	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BS	SDG No.:	P4460
Lab Sample ID:	PB164368BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048580.D	1	10/23/24	10/24/24	PB164368

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	174		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	292		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	610		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	922		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.6		40 - 140	123%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.6		40 - 140	127%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.7		40 - 140	101%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164368BS	Acq On:	24 Oct 2024 12:12
Client Sample ID:	PB164368BS	Operator:	YP/AJ
Data file:	FD048580.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.095	5.813	15415078	87.485	200	ug/ml
Aromatic C12-C16	5.814	8.419	25965903	146.474	300	ug/ml
Aromatic C16-C21	8.420	12.681	50043083	305.453	500	ug/ml
Aromatic C21-C36	12.682	18.087	70444639	461.287	800	ug/ml
Aromatic EPH	4.095	18.087	161868703	1000		ug/ml
2-Bromonaphthalene (SURRE)	7.375	7.375	9353560	61.63		ug/ml
2-Fluorobiphenyl (SURRE)	8.225	8.225	6250050	63.65		ug/ml
ortho-Terphenyl (SURRE)	11.262	11.262	8632075	50.68		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BSD	SDG No.:	P4460
Lab Sample ID:	PB164309BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/22/24 09:40	10/23/24 2:29	PB164309

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.38	1.00	mg/kg FC067487.D
Aliphatic C12-C16	Aliphatic C12-C16	5.14		1	0.24	0.67	mg/kg FC067487.D
Aliphatic C16-C21	Aliphatic C16-C21	8.65		1	0.30	1.00	mg/kg FC067487.D
Aliphatic C21-C28	Aliphatic C21-C28	11.8		1	0.80	1.33	mg/kg FC067487.D
Aliphatic C28-C40	Aliphatic C28-C40	21.4		1	1.80	2.00	mg/kg FC067487.D
Aromatic C10-C12	Aromatic C10-C12	5.56		1	0.30	0.67	mg/kg FD048550.D
Aromatic C12-C16	Aromatic C12-C16	8.89		1	0.34	1.00	mg/kg FD048550.D
Aromatic C16-C21	Aromatic C16-C21	18.1		1	0.96	1.67	mg/kg FD048550.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	2.00	2.67	mg/kg FD048550.D
Total AliphaticEPH	Total AliphaticEPH	53.0			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	60.0			3.60	6.01	mg/kg
Total EPH	Total EPH	113			7.12	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BSD	SDG No.:	P4460
Lab Sample ID:	PB164309BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067487.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.96		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.14		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.65		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.8		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.4		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.0		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164309BSD	Acq On:	23 Oct 2024 02:29
Client Sample ID:	PB164309BSD	Operator:	YP/AJ
Data file:	FC067487.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	11471929	89.377	300	ug/ml
Aliphatic C12-C16	6.456	9.845	10096608	77.098	200	ug/ml
Aliphatic C16-C21	9.846	13.203	17062894	129.779	300	ug/ml
Aliphatic C21-C28	13.204	16.857	22411550	176.714	400	ug/ml
Aliphatic C28-C40	16.858	21.701	33787413	321.125	600	ug/ml
Aliphatic EPH	3.175	21.701	94830394	794.094		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.936	12.936	3849203	34.01		ug/ml
Aliphatic C9-C28	3.175	16.857	61042981	472.968	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164309BSD	SDG No.:	P4460
Lab Sample ID:	PB164309BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048550.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.56		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.89		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	18.1		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.4		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.3		40 - 140	110%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.8		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.5		40 - 140	91%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164309BSD	Acq On:	23 Oct 2024 02:29
Client Sample ID:	PB164309BSD	Operator:	YP/AJ
Data file:	FD048550.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	15086475	83.358	200	ug/ml
Aromatic C12-C16	5.815	8.420	25338712	133.365	300	ug/ml
Aromatic C16-C21	8.421	12.681	48490961	271.311	500	ug/ml
Aromatic C21-C36	12.682	18.086	67994853	411.191	800	ug/ml
Aromatic EPH	4.096	18.086	156911001	899.225		ug/ml
2-Bromonaphthalene (SURRE)	7.376	7.376	9146806	55.25		ug/ml
2-Fluorobiphenyl (SURRE)	8.226	8.226	6093512	58.76		ug/ml
ortho-Terphenyl (SURRE)	11.262	11.262	8378054	45.53		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BSD	SDG No.:	P4460
Lab Sample ID:	PB164368BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
10/23/24 09:49	10/24/24 12:48	PB164368

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	174		1	5.76	30.0	ug/l	FC067519.D
Aliphatic C12-C16	Aliphatic C12-C16	157		1	3.61	20.0	ug/l	FC067519.D
Aliphatic C16-C21	Aliphatic C16-C21	277		1	5.14	30.0	ug/l	FC067519.D
Aliphatic C21-C28	Aliphatic C21-C28	387		1	8.97	40.0	ug/l	FC067519.D
Aliphatic C28-C40	Aliphatic C28-C40	686		1	17.0	60.0	ug/l	FC067519.D
Aromatic C10-C12	Aromatic C10-C12	174		1	3.32	20.0	ug/l	FD048581.D
Aromatic C12-C16	Aromatic C12-C16	291		1	3.69	30.0	ug/l	FD048581.D
Aromatic C16-C21	Aromatic C16-C21	610		1	12.7	50.0	ug/l	FD048581.D
Aromatic C21-C36	Aromatic C21-C36	923		1	25.2	80.0	ug/l	FD048581.D
Total AliphaticEPH	Total AliphaticEPH	1680			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2000			44.9	180	ug/l	
Total EPH	Total EPH	3680			85.4	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BSD	SDG No.:	P4460
Lab Sample ID:	PB164368BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067519.D	1	10/23/24	10/24/24	PB164368

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	174		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	157		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	277		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	387		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	686		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164368BSD	Acq On:	24 Oct 2024 12:48
Client Sample ID:	PB164368BSD	Operator:	YP/AJ
Data file:	FC067519.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.174	6.454	11793648	87.057	300	ug/ml
Aliphatic C12-C16	6.455	9.844	10341465	78.534	200	ug/ml
Aliphatic C16-C21	9.845	13.202	17653516	138.747	300	ug/ml
Aliphatic C21-C28	13.203	16.857	23249432	193.599	400	ug/ml
Aliphatic C28-C40	16.858	21.703	34680966	343.059	600	ug/ml
Aliphatic EPH	3.174	21.703	97719027	840.997		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.935	12.935	3852811	35.68		ug/ml
Aliphatic C9-C28	3.174	16.857	63038061	497.937	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BSD	SDG No.:	P4460
Lab Sample ID:	PB164368BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048581.D	1	10/23/24	10/24/24	PB164368

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	174		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	291		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	610		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	923		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.4		40 - 140	123%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.5		40 - 140	127%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.7		40 - 140	101%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164368BSD	Acq On:	24 Oct 2024 12:48
Client Sample ID:	PB164368BSD	Operator:	YP/AJ
Data file:	FD048581.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.095	5.813	15383608	87.306	200	ug/ml
Aromatic C12-C16	5.814	8.419	25871704	145.942	300	ug/ml
Aromatic C16-C21	8.420	12.681	50013601	305.273	500	ug/ml
Aromatic C21-C36	12.682	18.087	70501256	461.658	800	ug/ml
Aromatic EPH	4.095	18.087	161770169	1000		ug/ml
2-Bromonaphthalene (SURRE)	7.375	7.375	9324431	61.43		ug/ml
2-Fluorobiphenyl (SURRE)	8.225	8.225	6235301	63.5		ug/ml
ortho-Terphenyl (SURRE)	11.262	11.262	8632281	50.68		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-303-BOTMS	SDG No.:	P4460
Lab Sample ID:	P4460-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/22/24 09:40	10/23/24 5:28	PB164309

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	13.4		1	0.47	1.25	mg/kg	FC067492.D
Aliphatic C12-C16	Aliphatic C12-C16	52.6	E	1	0.30	0.83	mg/kg	FC067492.D
Aliphatic C16-C21	Aliphatic C16-C21	20.0		1	0.37	1.25	mg/kg	FC067492.D
Aliphatic C21-C28	Aliphatic C21-C28	32.0		1	1.00	1.66	mg/kg	FC067492.D
Aliphatic C28-C40	Aliphatic C28-C40	33.3		1	2.24	2.49	mg/kg	FC067492.D
Aromatic C10-C12	Aromatic C10-C12	12.6		1	0.37	0.83	mg/kg	FD048555.D
Aromatic C12-C16	Aromatic C12-C16	19.1		1	0.42	1.25	mg/kg	FD048555.D
Aromatic C16-C21	Aromatic C16-C21	25.5		1	1.20	2.08	mg/kg	FD048555.D
Aromatic C21-C36	Aromatic C21-C36	42.2		1	2.49	3.32	mg/kg	FD048555.D
Total AliphaticEPH	Total AliphaticEPH	151			4.38	7.48	mg/kg	
Total AromaticEPH	Total AromaticEPH	99.4			4.49	7.48	mg/kg	
Total EPH	Total EPH	251			8.87	15.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-303-BOTMS	SDG No.:	P4460
Lab Sample ID:	P4460-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067492.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	13.4		0.47	1.25	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	52.6	E	0.30	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	20.0		0.37	1.25	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	32.0		1.00	1.66	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	33.3		2.24	2.49	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.9		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4460-03MS	Acq On:	23 Oct 2024 05:28
Client Sample ID:	WB-303-BOTMS	Operator:	YP/AJ
Data file:	FC067492.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	20761466	161.751	300	ug/ml
Aliphatic C12-C16	6.456	9.845	82918311	633.169	200	ug/ml
Aliphatic C16-C21	9.846	13.203	31741633	241.425	300	ug/ml
Aliphatic C21-C28	13.204	16.857	48852275	385.198	400	ug/ml
Aliphatic C28-C40	16.858	21.701	42238111	401.442	600	ug/ml
Aliphatic EPH	3.175	21.701	226511796	1820		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.935	12.935	3499428	30.92		ug/ml
Aliphatic C9-C28	3.175	16.857	184273685	1420	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-303-BOTMS	SDG No.:	P4460
Lab Sample ID:	P4460-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048555.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	12.6		0.37	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	19.1		0.42	1.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	25.5		1.20	2.08	mg/kg
Aromatic C21-C36	Aromatic C21-C36	42.2		2.49	3.32	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.9		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.8		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.4		40 - 140	67%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4460-03MS	Acq On:	23 Oct 2024 05:28
Client Sample ID:	WB-303-BOTMS	Operator:	YP/AJ
Data file:	FD048555.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	27440112	151.616	200	ug/ml
Aromatic C12-C16	5.815	8.420	43822658	230.651	300	ug/ml
Aromatic C16-C21	8.421	12.681	54983413	307.637	500	ug/ml
Aromatic C21-C36	12.682	18.086	84049586	508.28	800	ug/ml
Aromatic EPH	4.096	18.086	210295769	1200		ug/ml
2-Bromonaphthalene (SURRE)	7.375	7.375	7933941	47.92		ug/ml
2-Fluorobiphenyl (SURRE)	8.225	8.225	5063781	48.83		ug/ml
ortho-Terphenyl (SURRE)	11.260	11.260	6142126	33.38		ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-303-BOTMSD	SDG No.:	P4460
Lab Sample ID:	P4460-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/22/24 09:40	10/23/24 6:04	PB164309

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	13.4		1	0.47	1.25	mg/kg	FC067493.D
Aliphatic C12-C16	Aliphatic C12-C16	52.0	E	1	0.30	0.83	mg/kg	FC067493.D
Aliphatic C16-C21	Aliphatic C16-C21	19.1		1	0.37	1.25	mg/kg	FC067493.D
Aliphatic C21-C28	Aliphatic C21-C28	30.7		1	1.00	1.66	mg/kg	FC067493.D
Aliphatic C28-C40	Aliphatic C28-C40	30.7		1	2.24	2.49	mg/kg	FC067493.D
Aromatic C10-C12	Aromatic C10-C12	12.6		1	0.37	0.83	mg/kg	FD048556.D
Aromatic C12-C16	Aromatic C12-C16	19.2		1	0.42	1.25	mg/kg	FD048556.D
Aromatic C16-C21	Aromatic C16-C21	25.3		1	1.20	2.08	mg/kg	FD048556.D
Aromatic C21-C36	Aromatic C21-C36	41.5		1	2.49	3.32	mg/kg	FD048556.D
Total AliphaticEPH	Total AliphaticEPH	146			4.38	7.48	mg/kg	
Total AromaticEPH	Total AromaticEPH	98.6			4.49	7.48	mg/kg	
Total EPH	Total EPH	245			8.87	15.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-303-BOTMSD	SDG No.:	P4460
Lab Sample ID:	P4460-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067493.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	13.4		0.47	1.25	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	52.0	E	0.30	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	19.1		0.37	1.25	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	30.7		1.00	1.66	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	30.7		2.24	2.49	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.3		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4460-03MSD	Acq On:	23 Oct 2024 06:04
Client Sample ID:	WB-303-BOTMSD	Operator:	YP/AJ
Data file:	FC067493.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.455	20626184	160.697	300	ug/ml
Aliphatic C12-C16	6.456	9.845	82030665	626.391	200	ug/ml
Aliphatic C16-C21	9.846	13.203	30240713	230.009	300	ug/ml
Aliphatic C21-C28	13.204	16.857	46878638	369.636	400	ug/ml
Aliphatic C28-C40	16.858	21.701	38886916	369.592	600	ug/ml
Aliphatic EPH	3.175	21.701	218663116	1760		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.937	12.937	3543503	31.3		ug/ml
Aliphatic C9-C28	3.175	16.857	179776200	1390	1200	ug/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-303-BOTMSD	SDG No.:	P4460
Lab Sample ID:	P4460-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048556.D	1	10/22/24	10/23/24	PB164309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	12.6		0.37	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	19.2		0.42	1.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	25.3		1.20	2.08	mg/kg
Aromatic C21-C36	Aromatic C21-C36	41.5		2.49	3.32	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.7		40 - 140	95%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.4		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.1		40 - 140	66%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4460-03MSD	Acq On:	23 Oct 2024 06:04
Client Sample ID:	WB-303-BOTMSD	Operator:	YP/AJ
Data file:	FD048556.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.096	5.814	27424014	151.527	200	ug/ml
Aromatic C12-C16	5.815	8.420	44002707	231.599	300	ug/ml
Aromatic C16-C21	8.421	12.681	54458100	304.698	500	ug/ml
Aromatic C21-C36	12.682	18.086	82550383	499.214	800	ug/ml
Aromatic EPH	4.096	18.086	208435204	1190		ug/ml
ortho-Terphenyl (SURR)	11.260	11.260	6082274	33.06		ug/ml
2-Bromonaphthalene (SURR)	7.375	7.375	7899041	47.71		ug/ml
2-Flurobiphenyl (SURR)	8.225	8.225	5015716	48.37		ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FC100224AL

AreaCount

Parameter Range	FC067312.D	FC067313.D	FC067314.D	FC067315.D	FC067316.D	
Aliphatic C9-C12	36157754.000	18468554.000	7796622.000	3912320.000	2066528.000	
Aliphatic C12-C16	24671572.000	12642565.000	5319639.000	2676246.000	1382016.000	
Aliphatic C16-C21	36539622.000	18852548.000	8005327.000	4100822.000	2096729.000	
Aliphatic C21-C28	47235980.000	24590379.000	10215208.000	5219473.000	2697991.000	
Aliphatic C28-C40	57341685.000	29822245.000	12674884.000	6440179.000	3544258.000	
Aliphatic EPH	201946613.000	104376291.000	44011680.000	22349040.000	11787522.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	128354.4879996	5.284				
Aliphatic C12-C16	130957.677	4.567				
Aliphatic C16-C21	131476.1019996	5.732				
Aliphatic C21-C28	126823.664	5.15				
Aliphatic C28-C40	105215.848333	8.211				
Aliphatic EPH	121110.9372216	6.036				

Concentration

Parameter Range	FC067312.D	FC067313.D	FC067314.D	FC067315.D	FC067316.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC067312.D	FC067313.D	FC067314.D	FC067315.D	FC067316.D	
Aliphatic C9-C12	120525.846666	123123.693333	129943.700000	130410.666666	137768.533333	
Aliphatic C12-C16	123357.860000	126425.650000	132990.975000	133812.300000	138201.600000	
Aliphatic C16-C21	121798.740000	125683.653333	133422.116666	136694.066666	139781.933333	

Initial Calibration Report for SequenceID : FC100224AL

Aliphatic C21-C28	118089.950000	122951.895000	127690.100000	130486.825000	134899.550000	
Aliphatic C28-C40	95569.475000	99407.483333	105624.033333	107336.316666	118141.933333	
Aliphatic EPH	112192.562777	115973.656666	122254.666666	124161.333333	130972.466666	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100224AL\
 Data File : FC067312.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 10:32
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 01 09:09:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:07:31 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.507	14031279	90.846 ug/ml
Spiked Amount 50.000		Recovery =	181.69%
12) S 1-chlorooctadecane (S...	12.944	10549566	91.667 ug/ml
Spiked Amount 50.000		Recovery =	183.33%
Target Compounds			
1) T n-Nonane (C9)	3.274	11861469	92.598 ug/ml
2) T n-Decane (C10)	4.341	12068578	92.595 ug/ml
3) T A~Naphthalene (C11.7)	5.920	13362934	92.860 ug/ml
4) T n-Dodecane (C12)	6.359	12227707	93.059 ug/ml
5) T A~2-methylnaphthalene...	6.977	13024556	93.287 ug/ml
6) T n-Tetradecane (C14)	8.152	12180763	93.109 ug/ml
7) T n-Hexadecane (C16)	9.752	12490809	92.415 ug/ml
8) T n-Octadecane (C18)	11.195	12572452	91.327 ug/ml
10) T n-Eicosane (C20)	12.501	12084501	91.351 ug/ml
11) T n-Heneicosane (C21)	13.112	11882669	91.183 ug/ml
13) T n-Docosane (C22)	13.698	11869877	91.916 ug/ml
14) T n-Tetracosane (C24)	14.799	11932581	92.694 ug/ml
15) T n-Hexacosane (C26)	15.819	11803866	93.014 ug/ml
16) T n-Octacosane (C28)	16.768	11629656	92.309 ug/ml
17) T n-Tricontane (C30)	17.655	11716937	91.007 ug/ml
18) T n-Dotriacontane (C32)	18.486	11186042	89.566 ug/ml
19) T n-Tetratriacontane (C34)	19.267	9833987	89.675 ug/ml
20) T n-Hexatriacontane (C36)	20.005	8551618	89.685 ug/ml
21) T n-Octatriacontane (C38)	20.730	8143888	91.977 ug/ml
22) T n-Tetracontane (C40)	21.618	7909213	91.385 ug/ml

(f)=RT Delta > 1/2 Window

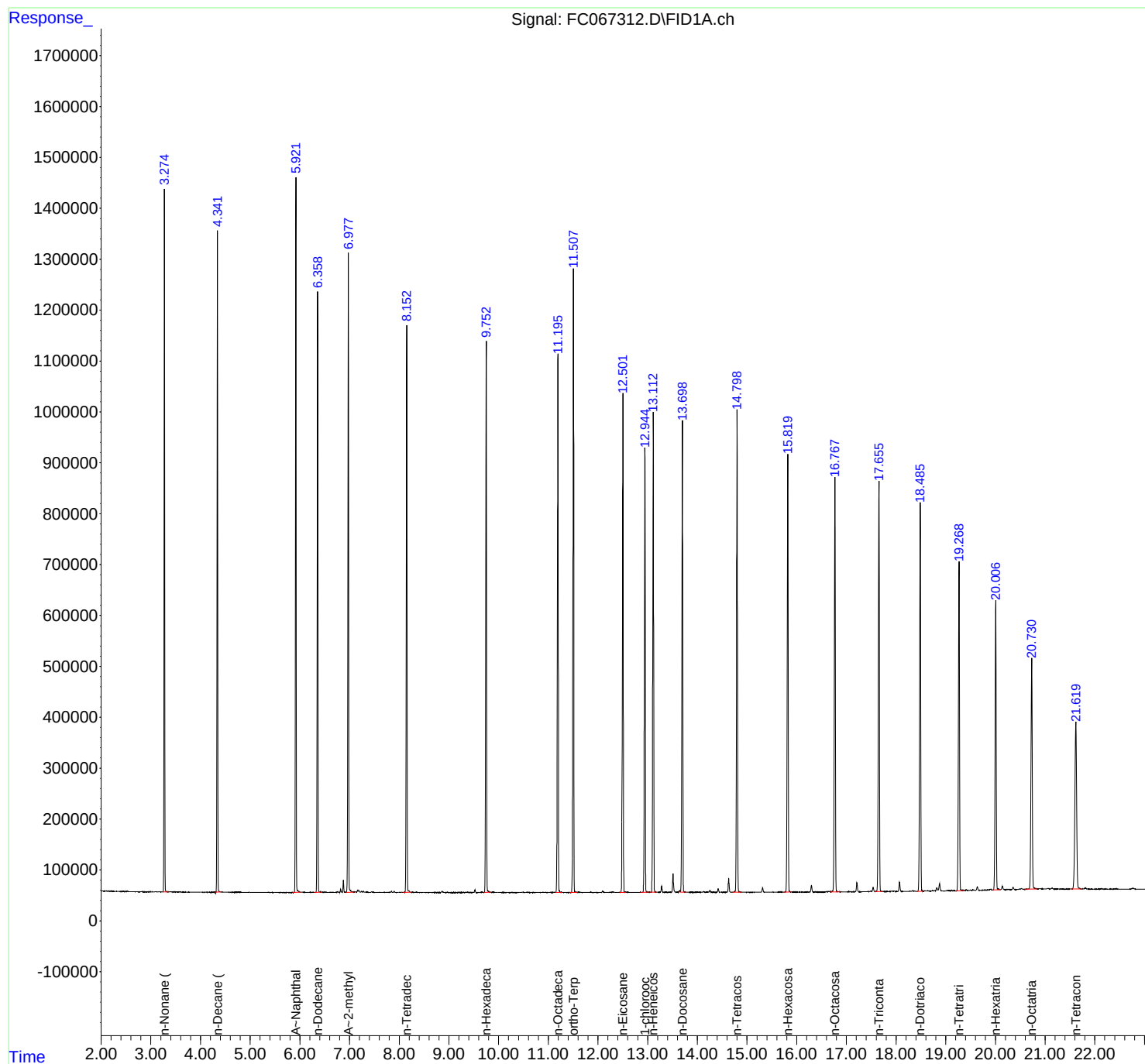
(m)=manual int.

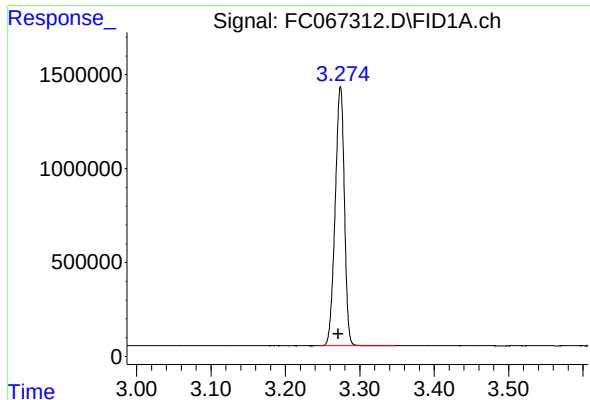
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067312.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 10:32
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 01 09:09:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:07:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

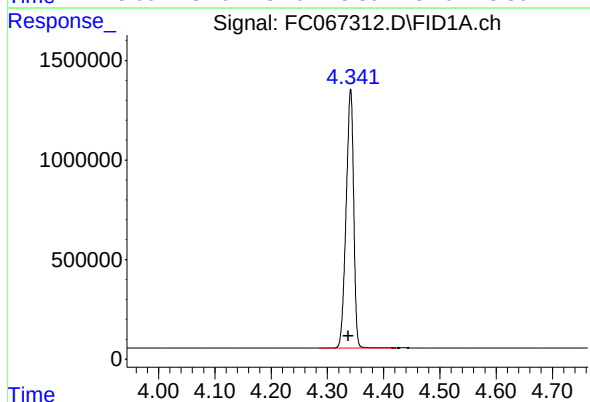




#1 n-Nonane (C9)

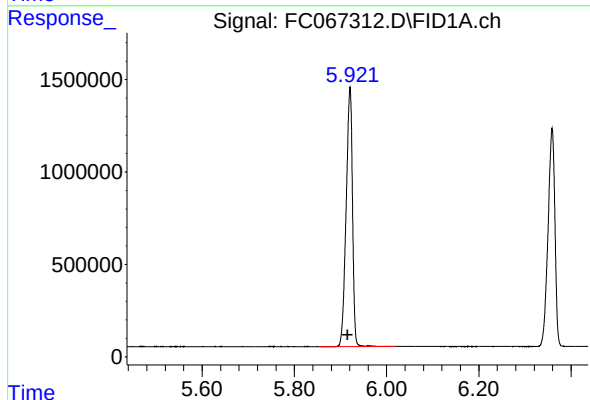
R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 11861469
Conc: 92.60 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



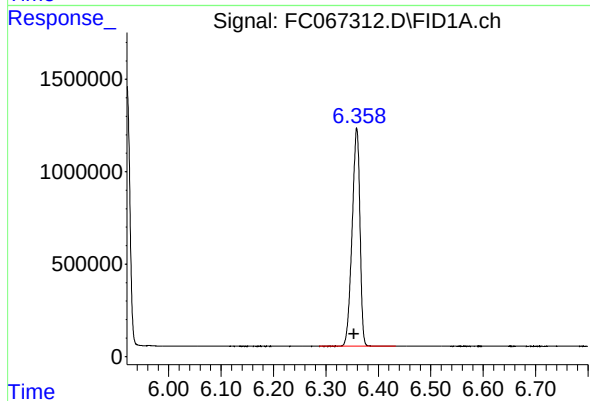
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.004 min
Response: 12068578
Conc: 92.59 ug/ml



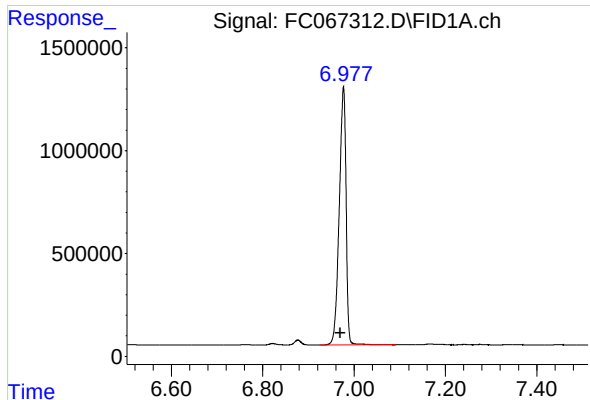
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: 0.005 min
Response: 13362934
Conc: 92.86 ug/ml



#4 n-Dodecane (C12)

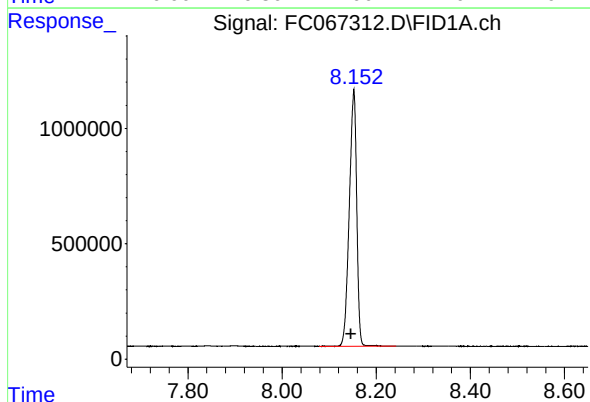
R.T.: 6.359 min
Delta R.T.: 0.005 min
Response: 12227707
Conc: 93.06 ug/ml



#5 A~2-methylnaphthalene (C12.89)

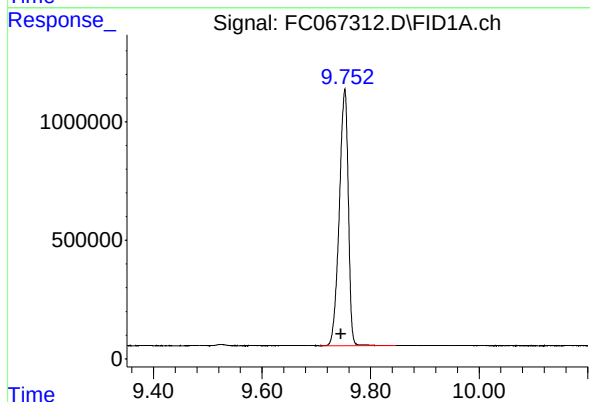
R.T.: 6.977 min
Delta R.T.: 0.007 min
Response: 13024556
Conc: 93.29 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



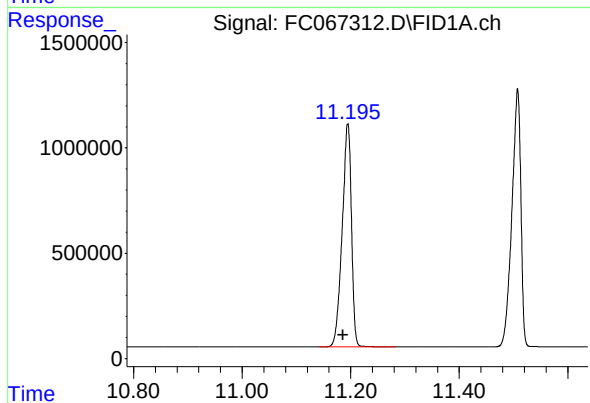
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.006 min
Response: 12180763
Conc: 93.11 ug/ml



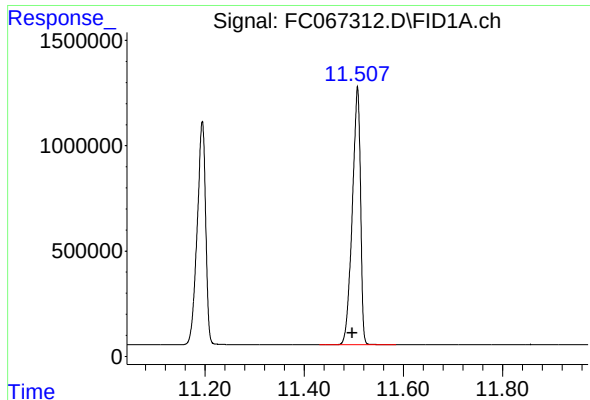
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 12490809
Conc: 92.42 ug/ml



#8 n-Octadecane (C18)

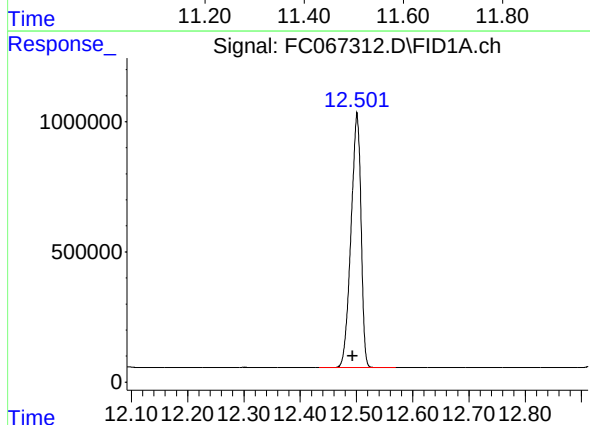
R.T.: 11.195 min
Delta R.T.: 0.008 min
Response: 12572452
Conc: 91.33 ug/ml



#9 ortho-Terphenyl (SURR)

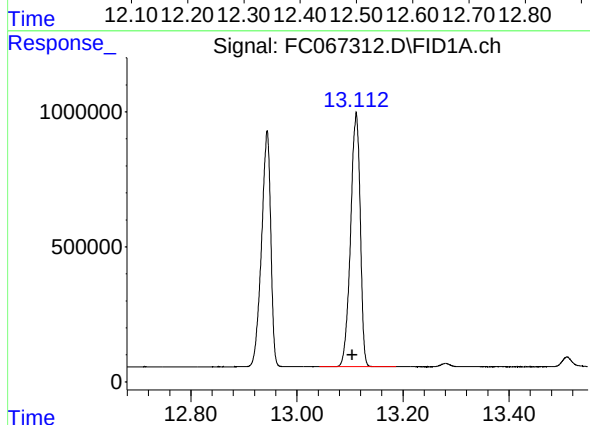
R.T.: 11.507 min
Delta R.T.: 0.010 min
Response: 14031279
Conc: 90.85 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



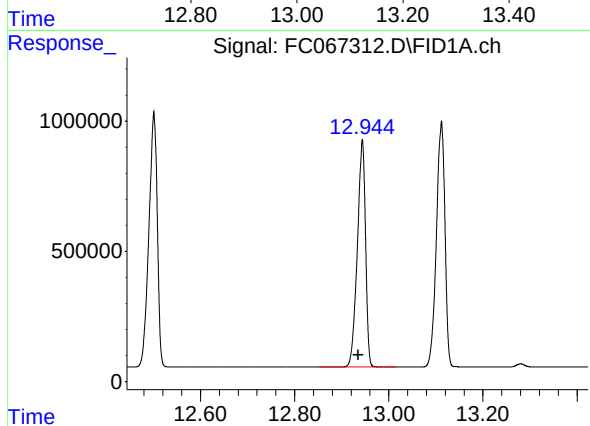
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.007 min
Response: 12084501
Conc: 91.35 ug/ml



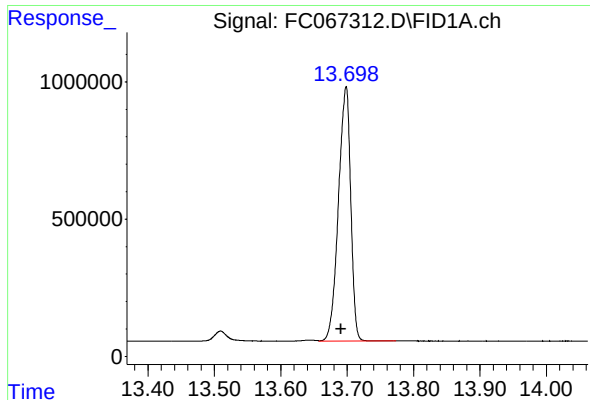
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.007 min
Response: 11882669
Conc: 91.18 ug/ml



#12 1-chlorooctadecane (SURR)

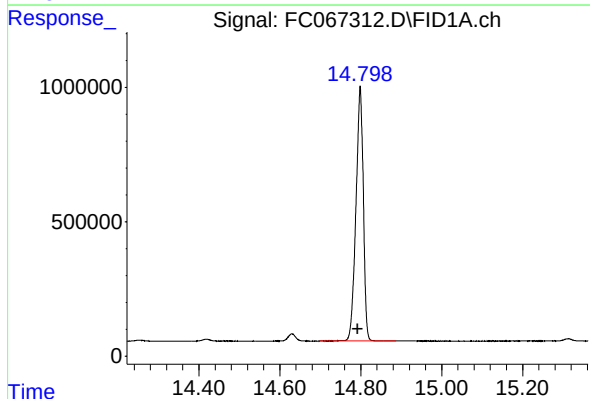
R.T.: 12.944 min
Delta R.T.: 0.008 min
Response: 10549566
Conc: 91.67 ug/ml



#13 n-Docosane (C22)

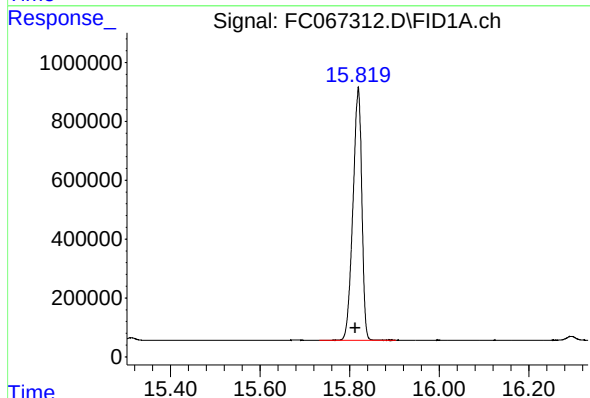
R.T.: 13.698 min
Delta R.T.: 0.007 min
Response: 11869877
Conc: 91.92 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



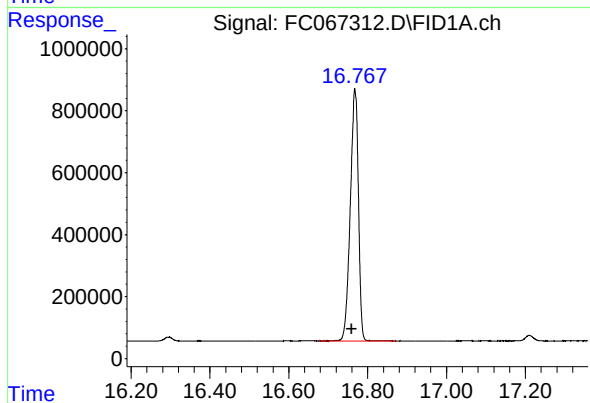
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.007 min
Response: 11932581
Conc: 92.69 ug/ml



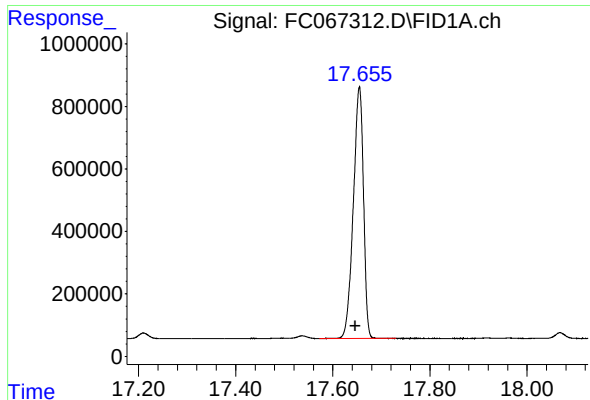
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.007 min
Response: 11803866
Conc: 93.01 ug/ml



#16 n-Octacosane (C28)

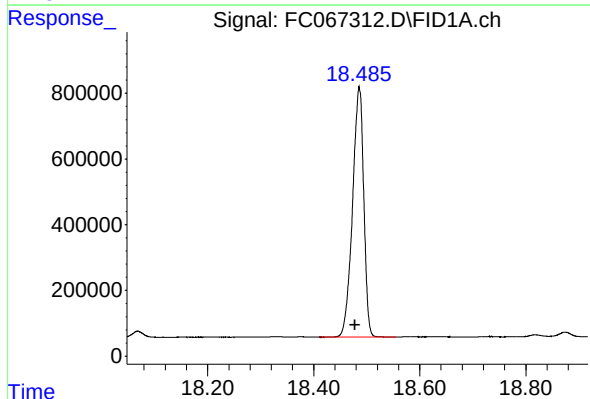
R.T.: 16.768 min
Delta R.T.: 0.008 min
Response: 11629656
Conc: 92.31 ug/ml



#17 n-Tricontane (C30)

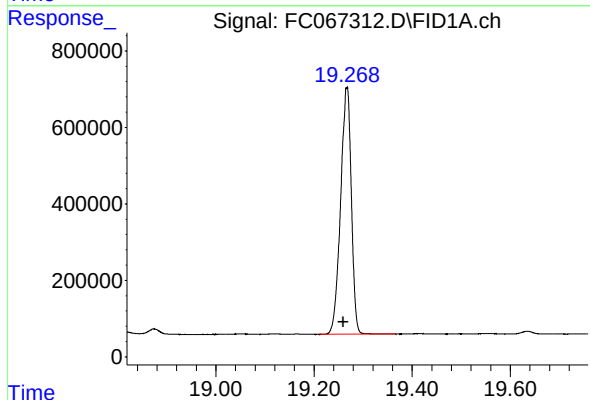
R.T.: 17.655 min
Delta R.T.: 0.009 min
Response: 11716937
Conc: 91.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



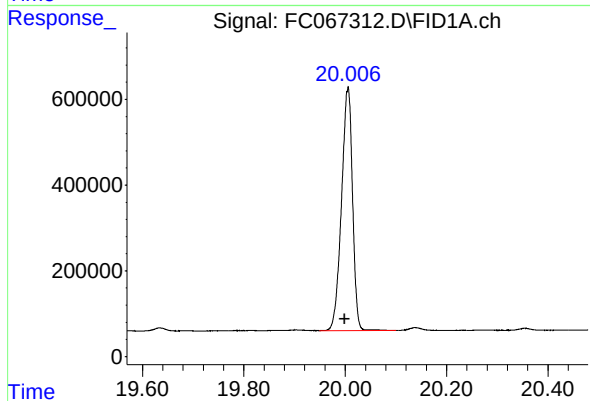
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.008 min
Response: 11186042
Conc: 89.57 ug/ml



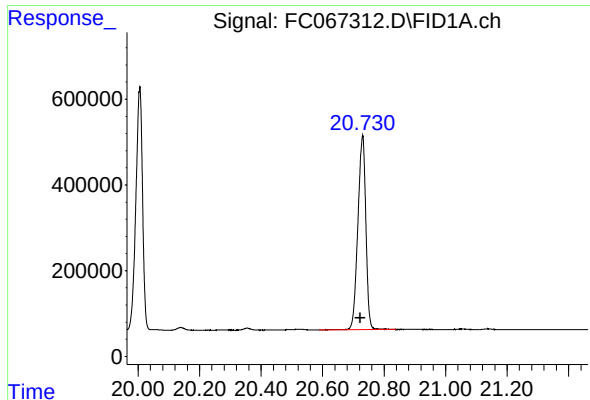
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.007 min
Response: 9833987
Conc: 89.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.006 min
Response: 8551618
Conc: 89.68 ug/ml



#21 n-Octatriacontane (C38)

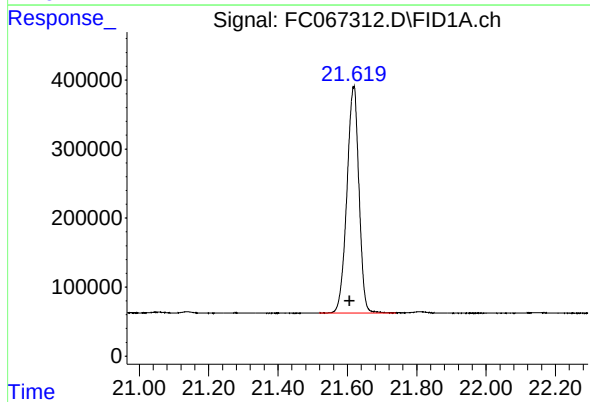
R.T.: 20.730 min
Delta R.T.: 0.007 min
Response: 8143888
Conc: 91.98 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: 0.011 min
Response: 7909213
Conc: 91.39 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067312.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 10:32
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.245	3.348	BB	1383198	11861469	84.54%	4.690%
2	4.341	4.285	4.422	BB	1311158	12068578	86.01%	4.772%
3	5.920	5.853	6.020	BB	1395892	13362934	95.24%	5.284%
4	6.359	6.287	6.433	BB	1182095	12227707	87.15%	4.835%
5	6.977	6.923	7.092	BV	1262404	13024556	92.83%	5.150%
6	8.152	8.078	8.242	BB	1106375	12180763	86.81%	4.816%
7	9.752	9.705	9.847	BB	1075584	12490809	89.02%	4.939%
8	11.195	11.142	11.283	BB	1062471	12572452	89.60%	4.971%
9	11.507	11.430	11.585	BB	1222706	14031279	100.00%	5.548%
10	12.501	12.433	12.570	BB	971541	12084501	86.13%	4.778%
11	12.944	12.852	13.015	BB	876626	10549566	75.19%	4.171%
12	13.112	13.042	13.187	BB	943769	11882669	84.69%	4.698%
13	13.698	13.658	13.773	VB	931064	11869877	84.60%	4.693%
14	14.799	14.697	14.887	BB	947814	11932581	85.04%	4.718%
15	15.819	15.732	15.903	BB	851235	11803866	84.13%	4.667%
16	16.768	16.677	16.872	BB	807852	11629656	82.88%	4.598%
17	17.655	17.572	17.730	PB	806791	11716937	83.51%	4.633%
18	18.486	18.410	18.555	BV	761825	11186042	79.72%	4.423%
19	19.267	19.210	19.367	BB	643849	9833987	70.09%	3.888%
20	20.005	19.948	20.100	BB	565289	8551618	60.95%	3.381%
21	20.730	20.588	20.838	BV	454057	8143888	58.04%	3.220%
22	21.618	21.518	21.740	BB	326286	7909213	56.37%	3.127%
Sum of corrected areas:						252914944		

Aliphatic EPH 100224.M Tue Oct 01 09:20:12 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
 Data File : FC067313.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 11:10
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 01 09:10:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 Qlast Update : Tue Oct 01 09:07:31 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.501	7231579	49.067 ug/ml
Spiked Amount 50.000		Recovery =	98.13%
12) S 1-chlorooctadecane (S...	12.939	5426500	49.202 ug/ml
Spiked Amount 50.000		Recovery =	98.40%
Target Compounds			
1) T n-Nonane (C9)	3.272	6059731	49.124 ug/ml
2) T n-Decane (C10)	4.338	6163543	49.107 ug/ml
3) T A~Naphthalene (C11.7)	5.917	6821781	49.160 ug/ml
4) T n-Dodecane (C12)	6.355	6245280	49.239 ug/ml
5) T A~2-methylnaphthalene...	6.972	6641948	49.224 ug/ml
6) T n-Tetradecane (C14)	8.149	6219770	49.240 ug/ml
7) T n-Hexadecane (C16)	9.748	6422795	49.393 ug/ml
8) T n-Octadecane (C18)	11.188	6493088	49.304 ug/ml
10) T n-Eicosane (C20)	12.497	6235508	49.267 ug/ml
11) T n-Heneicosane (C21)	13.107	6123952	49.160 ug/ml
13) T n-Docosane (C22)	13.693	6132673	49.489 ug/ml
14) T n-Tetracosane (C24)	14.795	6211203	50.079 ug/ml
15) T n-Hexacosane (C26)	15.814	6151165	50.225 ug/ml
16) T n-Octacosane (C28)	16.763	6095338	50.316 ug/ml
17) T n-Tricontane (C30)	17.650	6178045	50.245 ug/ml
18) T n-Dotriacontane (C32)	18.481	5889852	49.755 ug/ml
19) T n-Tetratriacontane (C34)	19.263	5143313	49.454 ug/ml
20) T n-Hexatriacontane (C36)	20.001	4380994	48.444 ug/ml
21) T n-Octatriacontane (C38)	20.724	4146667	48.790 ug/ml
22) T n-Tetracontane (C40)	21.611	4083374	49.304 ug/ml

(f)=RT Delta > 1/2 Window

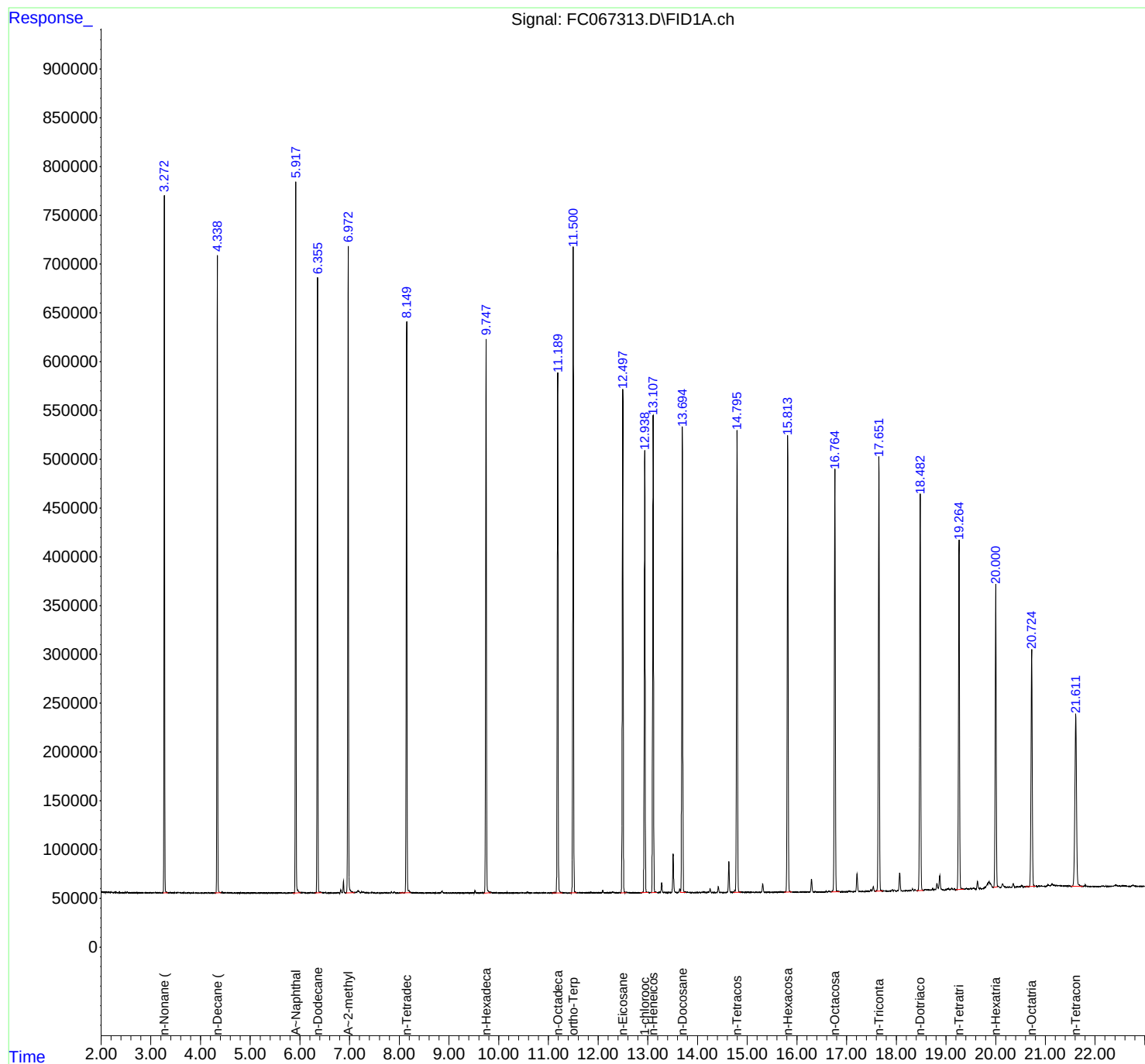
(m)=manual int.

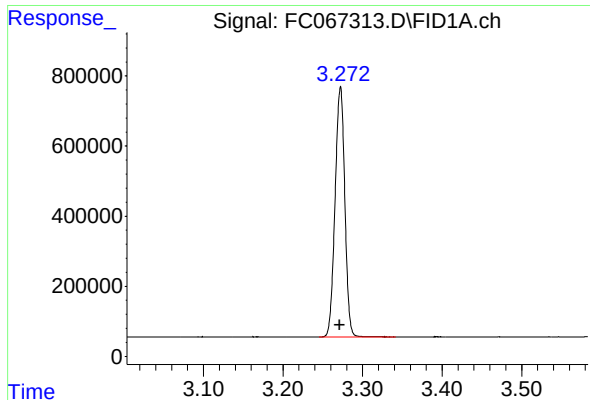
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067313.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 11:10
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 01 09:10:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:07:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

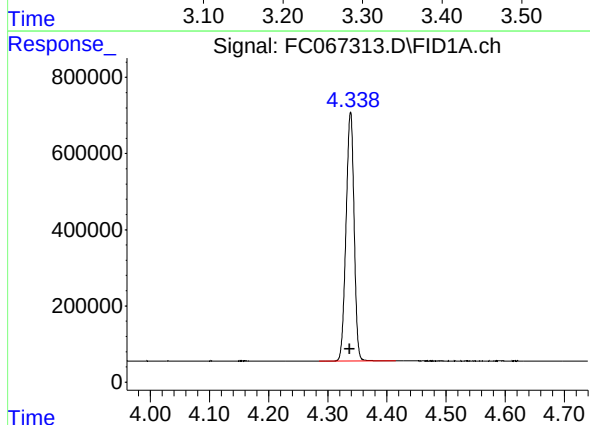




#1 n-Nonane (C9)

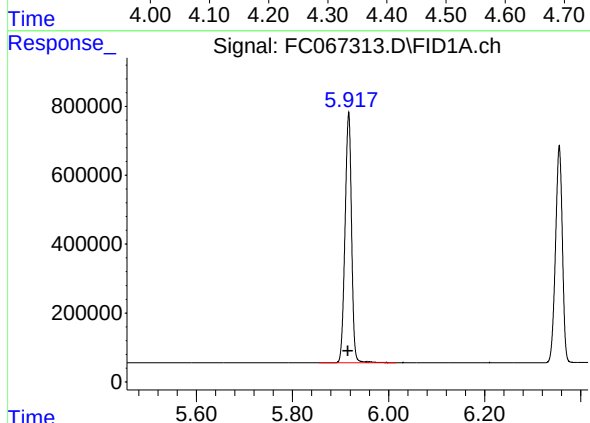
R.T.: 3.272 min
Delta R.T.: 0.001 min
Response: 6059731
Conc: 49.12 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



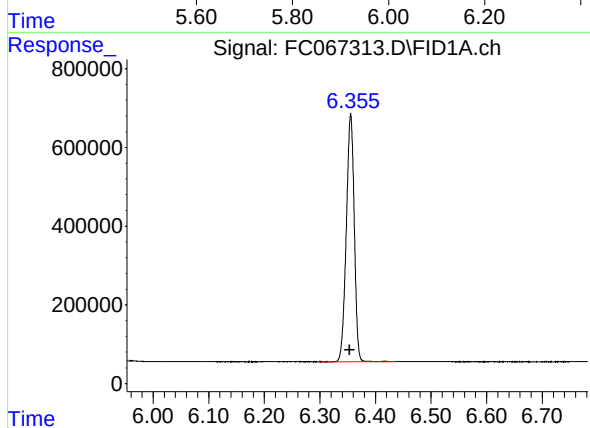
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.001 min
Response: 6163543
Conc: 49.11 ug/ml



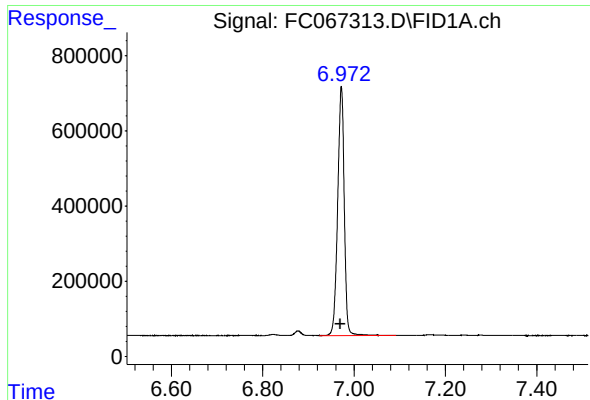
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 6821781
Conc: 49.16 ug/ml



#4 n-Dodecane (C12)

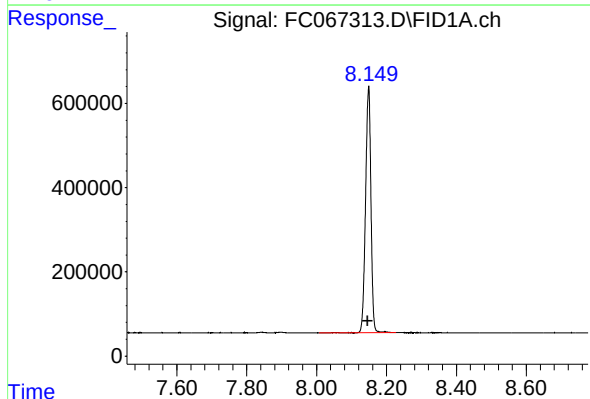
R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 6245280
Conc: 49.24 ug/ml



#5 A~2-methylnaphthalene (C12.89)

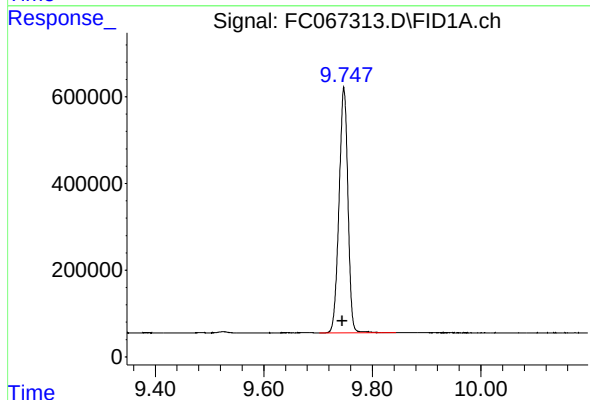
R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 6641948
Conc: 49.22 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



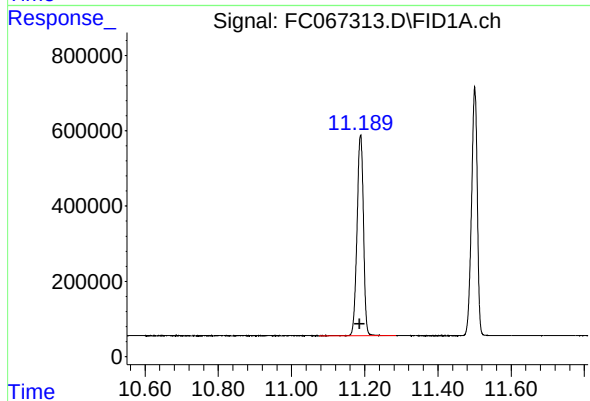
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 6219770
Conc: 49.24 ug/ml



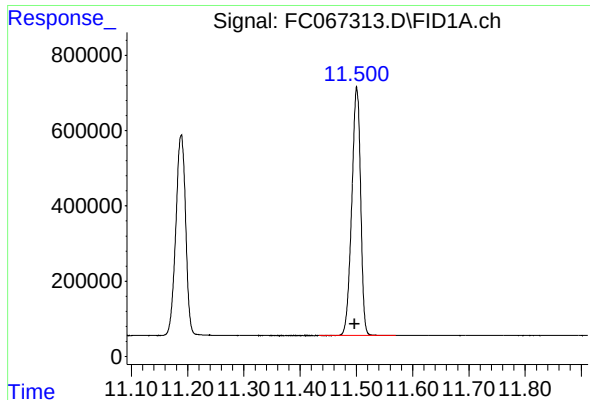
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 6422795
Conc: 49.39 ug/ml



#8 n-Octadecane (C18)

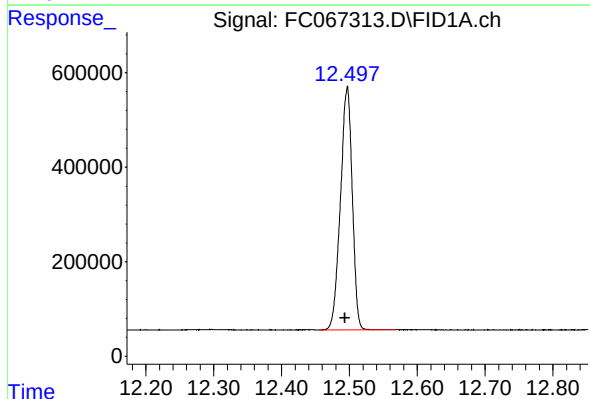
R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 6493088
Conc: 49.30 ug/ml



#9 ortho-Terphenyl (SURR)

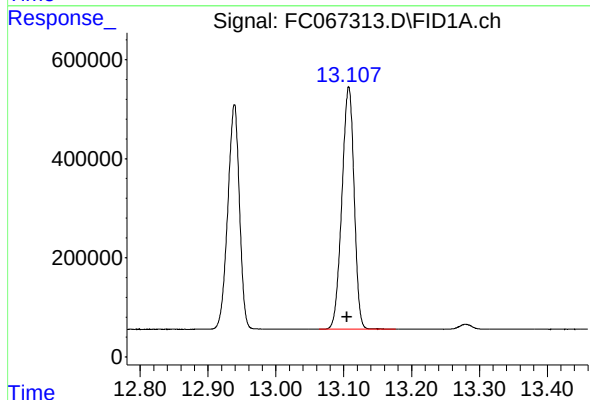
R.T.: 11.501 min
Delta R.T.: 0.004 min
Response: 7231579
Conc: 49.07 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



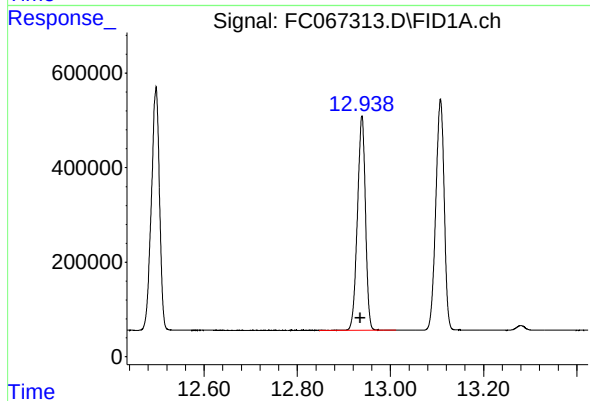
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.003 min
Response: 6235508
Conc: 49.27 ug/ml



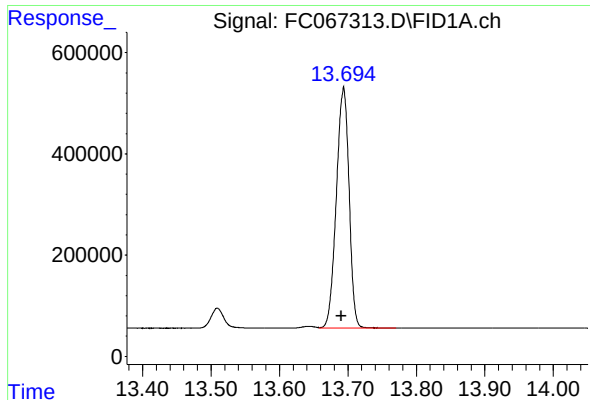
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.003 min
Response: 6123952
Conc: 49.16 ug/ml



#12 1-chlorooctadecane (SURR)

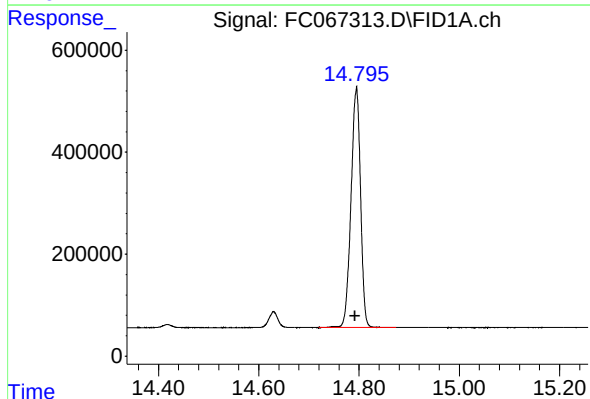
R.T.: 12.939 min
Delta R.T.: 0.003 min
Response: 5426500
Conc: 49.20 ug/ml



#13 n-Docosane (C22)

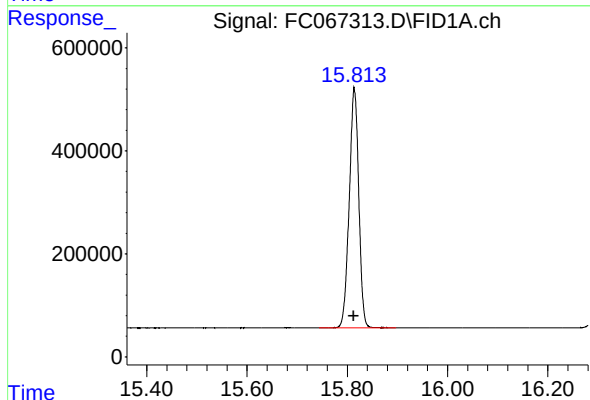
R.T.: 13.693 min
Delta R.T.: 0.003 min
Response: 6132673
Conc: 49.49 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



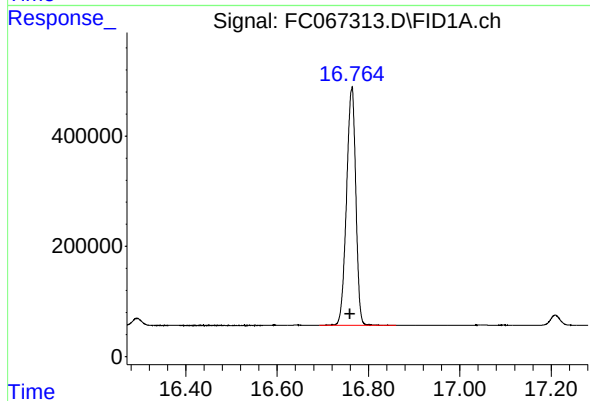
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: 0.003 min
Response: 6211203
Conc: 50.08 ug/ml



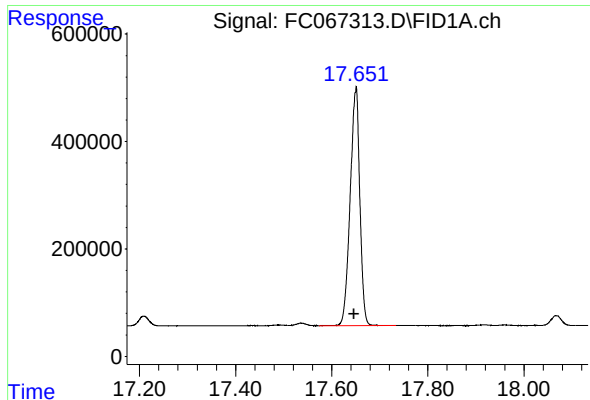
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.002 min
Response: 6151165
Conc: 50.23 ug/ml



#16 n-Octacosane (C28)

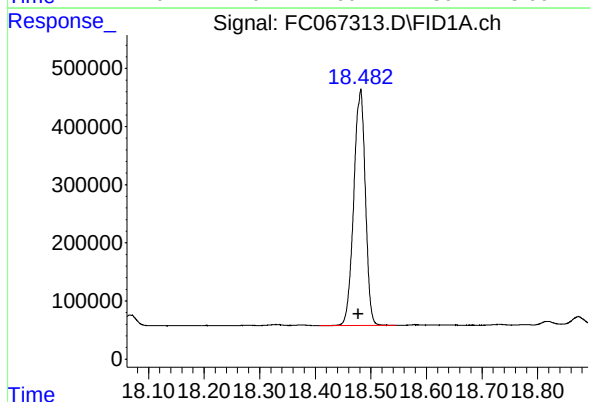
R.T.: 16.763 min
Delta R.T.: 0.004 min
Response: 6095338
Conc: 50.32 ug/ml



#17 n-Tricontane (C30)

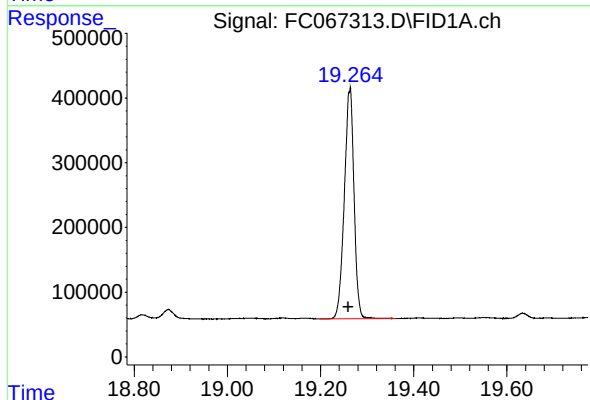
R.T.: 17.650 min
Delta R.T.: 0.004 min
Response: 6178045
Conc: 50.25 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



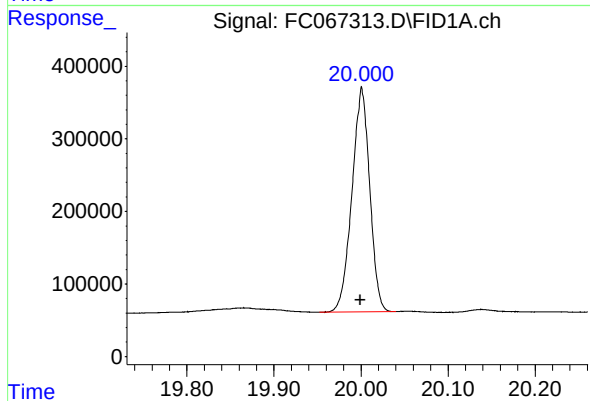
#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: 0.003 min
Response: 5889852
Conc: 49.76 ug/ml



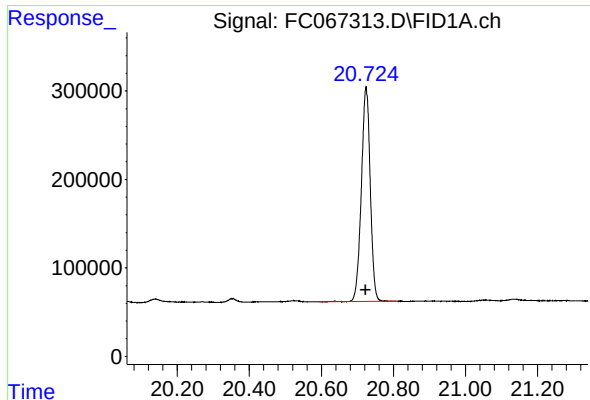
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: 0.003 min
Response: 5143313
Conc: 49.45 ug/ml



#20 n-Hexatriacontane (C36)

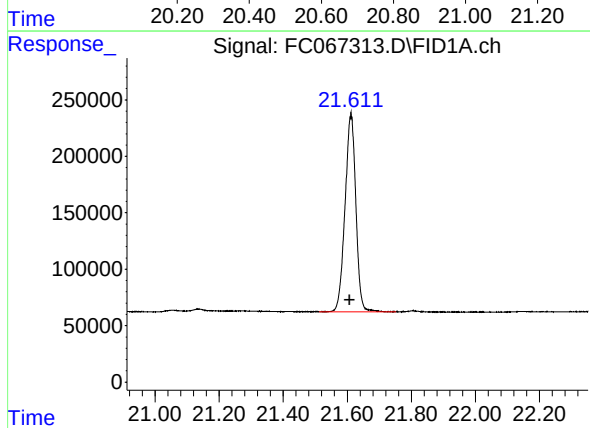
R.T.: 20.001 min
Delta R.T.: 0.002 min
Response: 4380994
Conc: 48.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.001 min
Response: 4146667
Conc: 48.79 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.611 min
Delta R.T.: 0.004 min
Response: 4083374
Conc: 49.30 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067313.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 11:10
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.272	3.245	3.342	BB	711248	6059731	83.80%	4.644%
2	4.338	4.285	4.415	BB	654161	6163543	85.23%	4.723%
3	5.917	5.855	6.015	BB	727635	6821781	94.33%	5.227%
4	6.355	6.299	6.437	BB	629757	6245280	86.36%	4.786%
5	6.972	6.924	7.092	BV	663765	6641948	91.85%	5.090%
6	8.149	8.007	8.227	BB	582329	6219770	86.01%	4.766%
7	9.748	9.702	9.844	BB	565794	6422795	88.82%	4.922%
8	11.189	11.075	11.285	BB	532485	6493088	89.79%	4.976%
9	11.501	11.434	11.570	BB	661071	7231579	100.00%	5.542%
10	12.497	12.455	12.569	BB	514506	6235508	86.23%	4.778%
11	12.939	12.847	13.012	BB	454745	5426500	75.04%	4.158%
12	13.107	13.064	13.177	BB	490056	6123952	84.68%	4.693%
13	13.693	13.658	13.770	VB	476110	6132673	84.80%	4.699%
14	14.795	14.720	14.874	BB	473209	6211203	85.89%	4.760%
15	15.814	15.744	15.897	BB	466583	6151165	85.06%	4.714%
16	16.763	16.692	16.860	BB	430820	6095338	84.29%	4.671%
17	17.650	17.574	17.734	PB	438958	6178045	85.43%	4.734%
18	18.481	18.407	18.545	BV	399853	5889852	81.45%	4.513%
19	19.263	19.197	19.362	BB	356265	5143313	71.12%	3.941%
20	20.001	19.952	20.040	PV	308867	4380994	60.58%	3.357%
21	20.724	20.594	20.807	BB	242057	4146667	57.34%	3.178%
22	21.611	21.512	21.752	BB	176788	4083374	56.47%	3.129%
Sum of corrected areas:						130498098		

Aliphatic EPH 100224.M Tue Oct 01 09:20:55 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
 Data File : FC067314.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 11:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 01 09:08:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 Qlast Update : Tue Oct 01 09:07:31 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.497	3089013	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.936	2301706	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.271	2561935	20.000 ug/ml
2) T n-Decane (C10)	4.337	2606750	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2878074	20.000 ug/ml
4) T n-Dodecane (C12)	6.353	2627937	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.970	2792361	20.000 ug/ml
6) T n-Tetradecane (C14)	8.146	2616449	20.000 ug/ml
7) T n-Hexadecane (C16)	9.745	2703190	20.000 ug/ml
8) T n-Octadecane (C18)	11.186	2753269	20.000 ug/ml
10) T n-Eicosane (C20)	12.493	2645737	20.000 ug/ml
11) T n-Heneicosane (C21)	13.105	2606321	20.000 ug/ml
13) T n-Docosane (C22)	13.690	2582773	20.000 ug/ml
14) T n-Tetracosane (C24)	14.792	2574621	20.000 ug/ml
15) T n-Hexacosane (C26)	15.813	2538087	20.000 ug/ml
16) T n-Octacosane (C28)	16.760	2519727	20.000 ug/ml
17) T n-Tricontane (C30)	17.646	2574944	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.478	2497831	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.260	2193263	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1907034	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.723	1770855	20.000 ug/ml
22) T n-Tetracontane (C40)	21.608	1730957	20.000 ug/ml

(f)=RT Delta > 1/2 Window

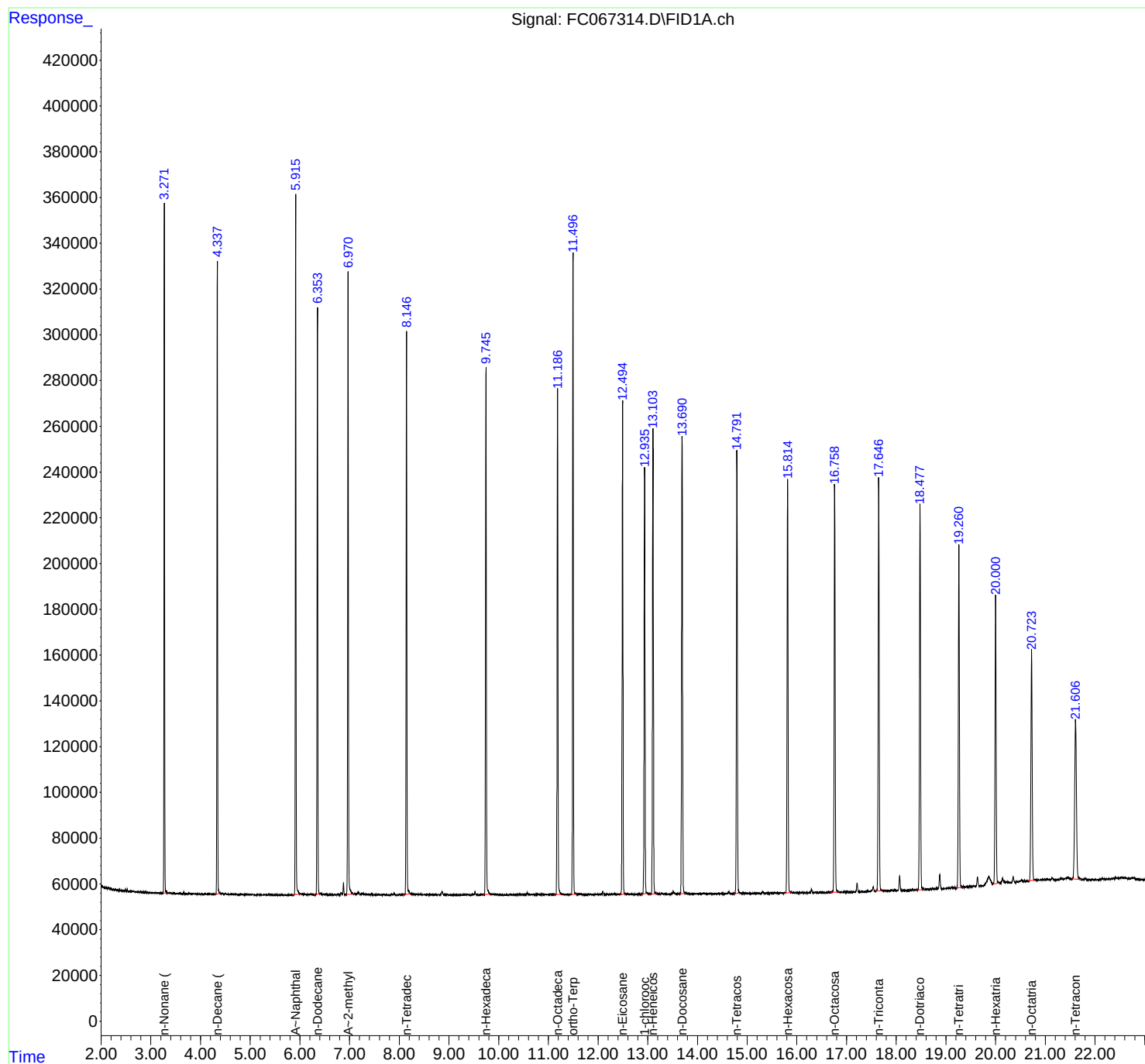
(m)=manual int.

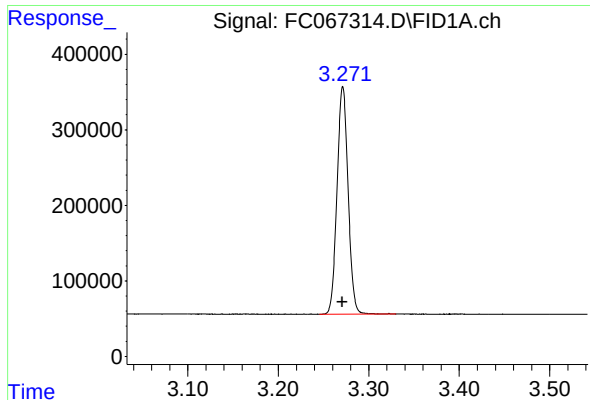
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067314.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 11:48
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 01 09:08:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:07:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

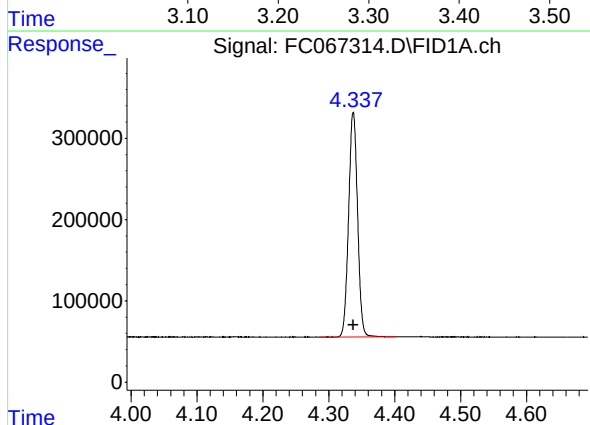




#1 n-Nonane (C9)

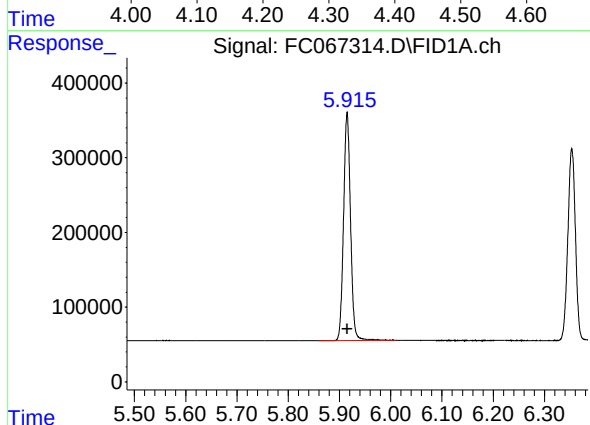
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 2561935
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



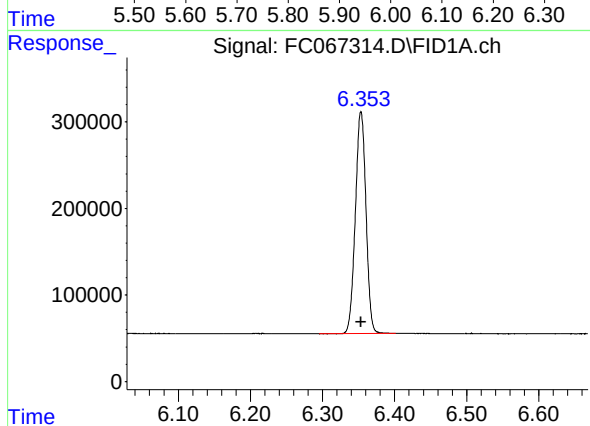
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 2606750
Conc: 20.00 ug/ml



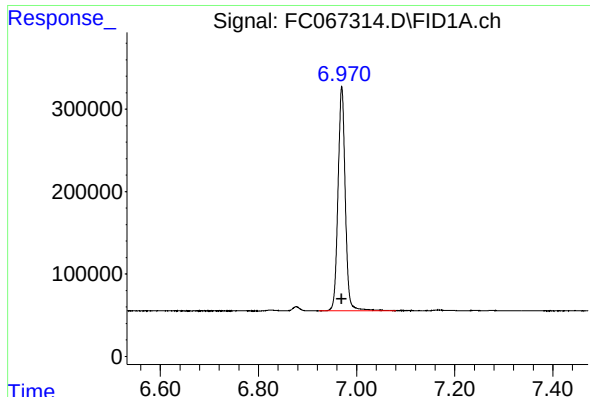
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 2878074
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

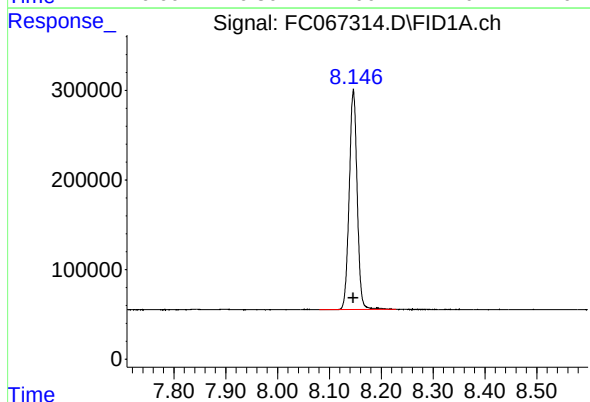
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2627937
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

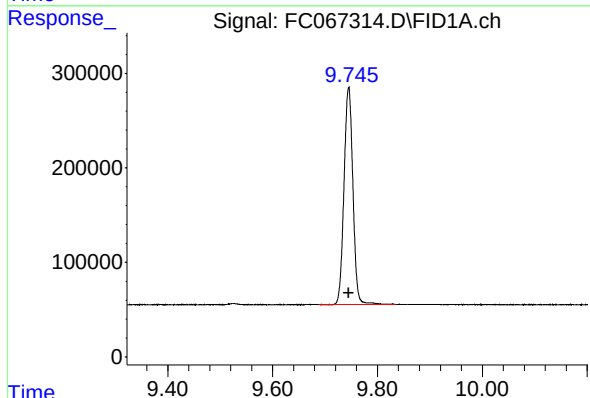
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 2792361
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



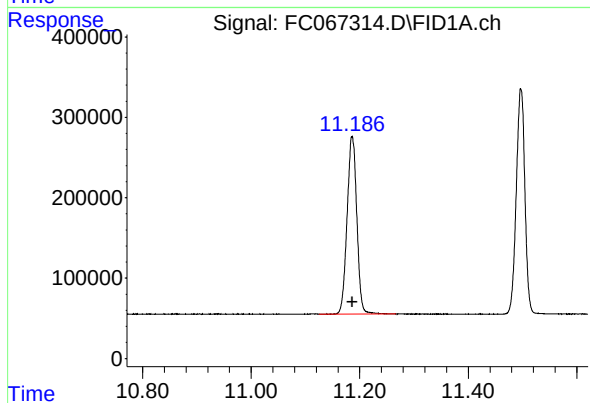
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2616449
Conc: 20.00 ug/ml



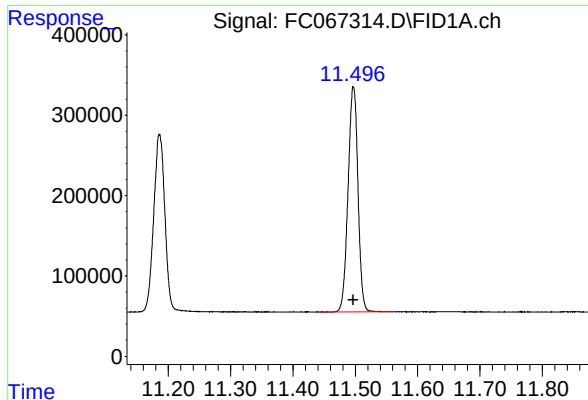
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2703190
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

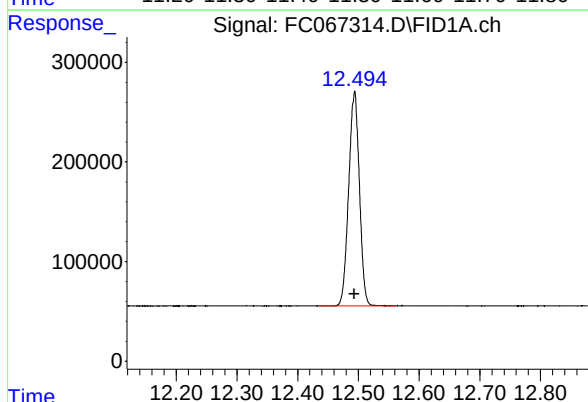
R.T.: 11.186 min
Delta R.T.: 0.000 min
Response: 2753269
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

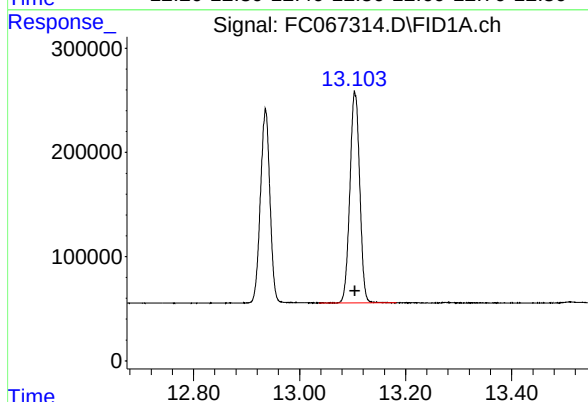
R.T.: 11.497 min
Delta R.T.: 0.000 min
Response: 3089013
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



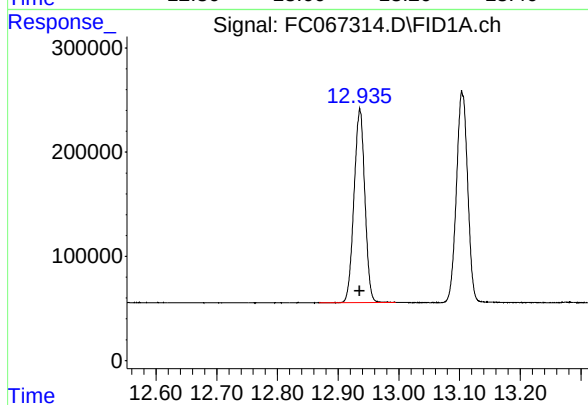
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 2645737
Conc: 20.00 ug/ml



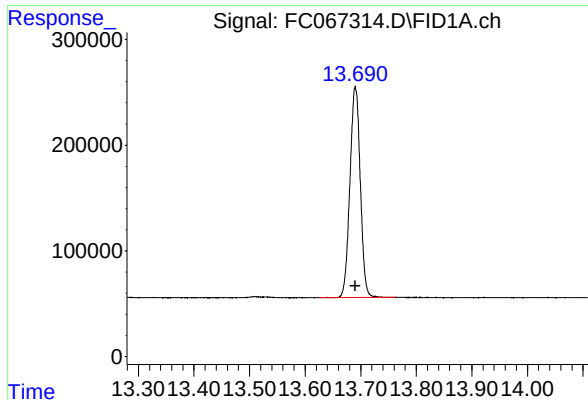
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 2606321
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

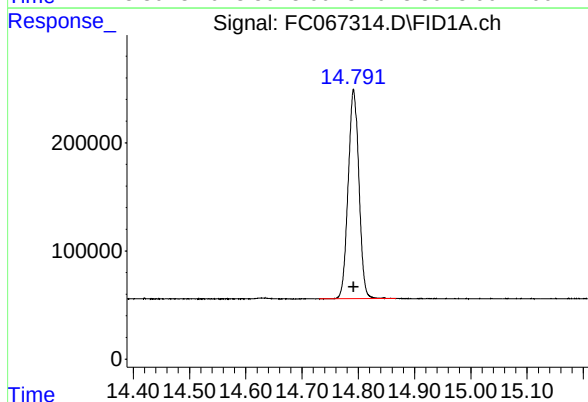
R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 2301706
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

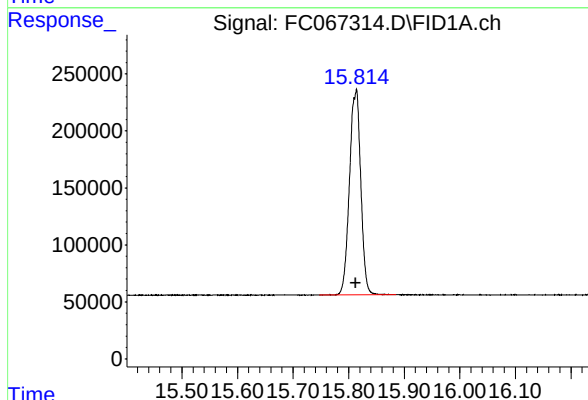
R.T.: 13.690 min
Delta R.T.: 0.000 min
Response: 2582773
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



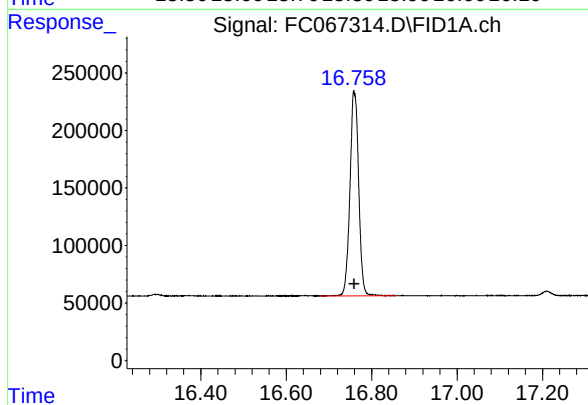
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 2574621
Conc: 20.00 ug/ml



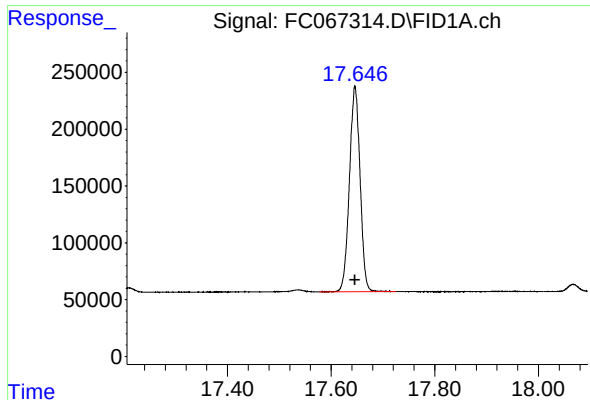
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 2538087
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

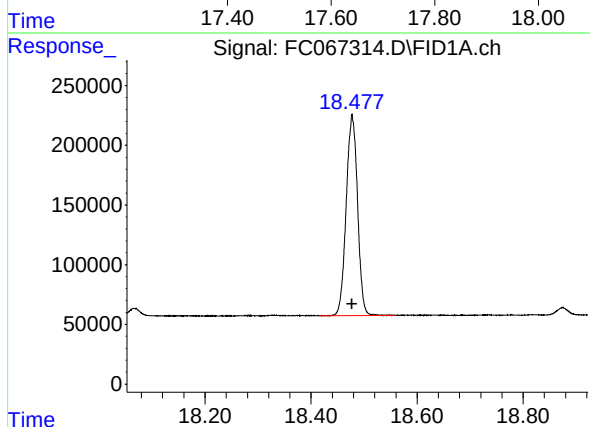
R.T.: 16.760 min
Delta R.T.: 0.000 min
Response: 2519727
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

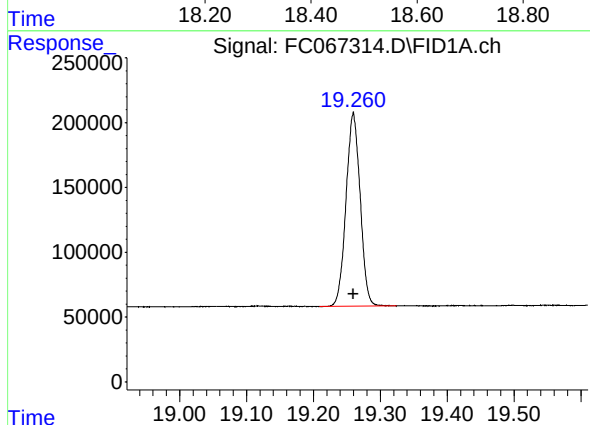
R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 2574944
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



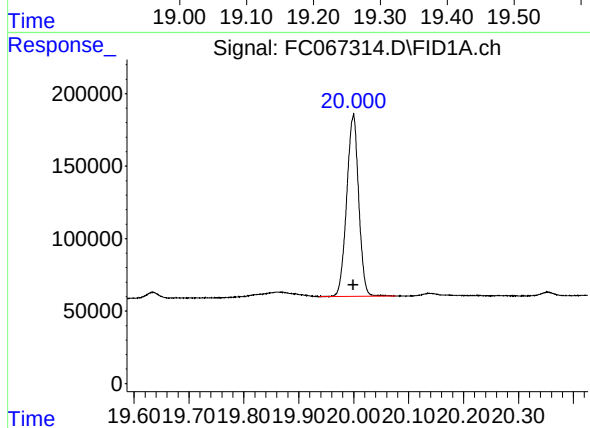
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 2497831
Conc: 20.00 ug/ml



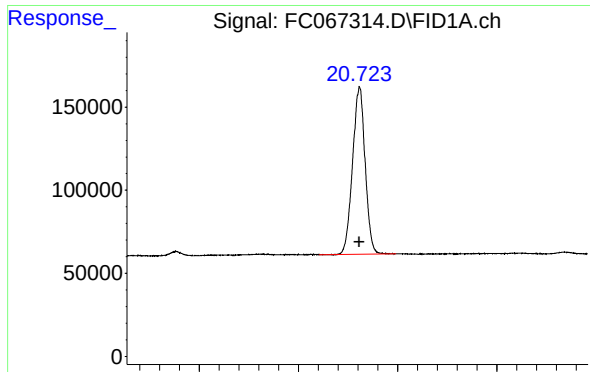
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 2193263
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

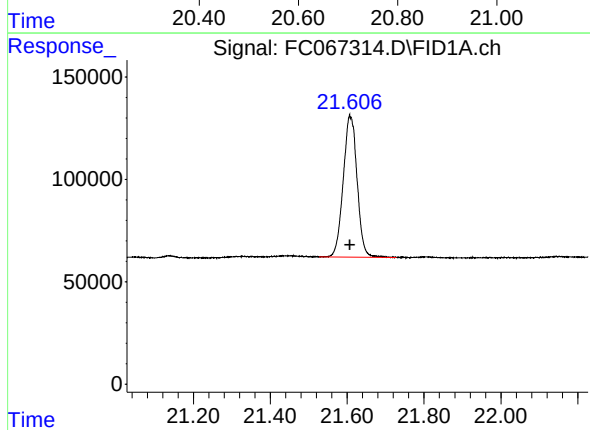
R.T.: 19.999 min
Delta R.T.: 0.000 min
Response: 1907034
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.000 min
Response: 1770855
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.608 min
Delta R.T.: 0.000 min
Response: 1730957
Conc: 20.00 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067314.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 11:48
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.271	3.245	3.330	BB	301355	2561935	82.94%	4.652%
2	4.337	4.285	4.402	BB	276151	2606750	84.39%	4.733%
3	5.915	5.860	6.010	BB	306302	2878074	93.17%	5.226%
4	6.353	6.295	6.402	BB	256127	2627937	85.07%	4.772%
5	6.970	6.923	7.080	BB	272068	2792361	90.40%	5.070%
6	8.146	8.080	8.228	BB	246166	2616449	84.70%	4.751%
7	9.745	9.688	9.835	BB	229678	2703190	87.51%	4.908%
8	11.186	11.125	11.267	BB	220672	2753269	89.13%	4.999%
9	11.497	11.442	11.565	BB	280480	3089013	100.00%	5.609%
10	12.493	12.435	12.562	BB	214435	2645737	85.65%	4.804%
11	12.936	12.868	12.995	BB	185389	2301706	74.51%	4.179%
12	13.105	13.037	13.182	BB	199408	2606321	84.37%	4.732%
13	13.690	13.625	13.763	BB	199133	2582773	83.61%	4.690%
14	14.792	14.730	14.867	BB	192816	2574621	83.35%	4.675%
15	15.813	15.747	15.885	BB	175714	2538087	82.16%	4.609%
16	16.760	16.677	16.857	BB	174965	2519727	81.57%	4.575%
17	17.646	17.577	17.725	BB	180572	2574944	83.36%	4.676%
18	18.478	18.415	18.560	BB	168215	2497831	80.86%	4.536%
19	19.260	19.208	19.323	BB	149736	2193263	71.00%	3.982%
20	19.999	19.937	20.077	VB	124156	1907034	61.74%	3.463%
21	20.723	20.642	20.797	BB	100926	1770855	57.33%	3.215%
22	21.608	21.527	21.727	BB	68950	1730957	56.04%	3.143%
Sum of corrected areas:							55072832	

Aliphatic EPH 100224.M Tue Oct 01 09:21:20 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
 Data File : FC067315.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 12:47
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 01 09:11:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 Qlast Update : Tue Oct 01 09:07:31 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.496	1571986	10.733 ug/ml
Spiked Amount 50.000		Recovery =	21.47%
12) S 1-chlorooctadecane (S...	12.936	1173605	10.698 ug/ml
Spiked Amount 50.000		Recovery =	21.40%
Target Compounds			
1) T n-Nonane (C9)	3.270	1286606	10.491 ug/ml
2) T n-Decane (C10)	4.336	1306831	10.474 ug/ml
3) T A~Naphthalene (C11.7)	5.915	1437407	10.417 ug/ml
4) T n-Dodecane (C12)	6.353	1318883	10.451 ug/ml
5) T A~2-methylnaphthalene...	6.970	1392618	10.375 ug/ml
6) T n-Tetradecane (C14)	8.146	1308417	10.411 ug/ml
7) T n-Hexadecane (C16)	9.745	1367829	10.562 ug/ml
8) T n-Octadecane (C18)	11.185	1404957	10.718 ug/ml
10) T n-Eicosane (C20)	12.493	1359651	10.795 ug/ml
11) T n-Heneicosane (C21)	13.104	1336214	10.787 ug/ml
13) T n-Docosane (C22)	13.689	1324859	10.728 ug/ml
14) T n-Tetracosane (C24)	14.791	1318090	10.622 ug/ml
15) T n-Hexacosane (C26)	15.811	1292438	10.537 ug/ml
16) T n-Octacosane (C28)	16.761	1284086	10.578 ug/ml
17) T n-Tricontane (C30)	17.647	1321139	10.727 ug/ml
18) T n-Dotriacontane (C32)	18.478	1282377	10.851 ug/ml
19) T n-Tetratriacontane (C34)	19.261	1119659	10.805 ug/ml
20) T n-Hexatriacontane (C36)	20.000	974156	10.885 ug/ml
21) T n-Octatriacontane (C38)	20.724	893961	10.604 ug/ml
22) T n-Tetracontane (C40)	21.611	848887	10.298 ug/ml

(f)=RT Delta > 1/2 Window

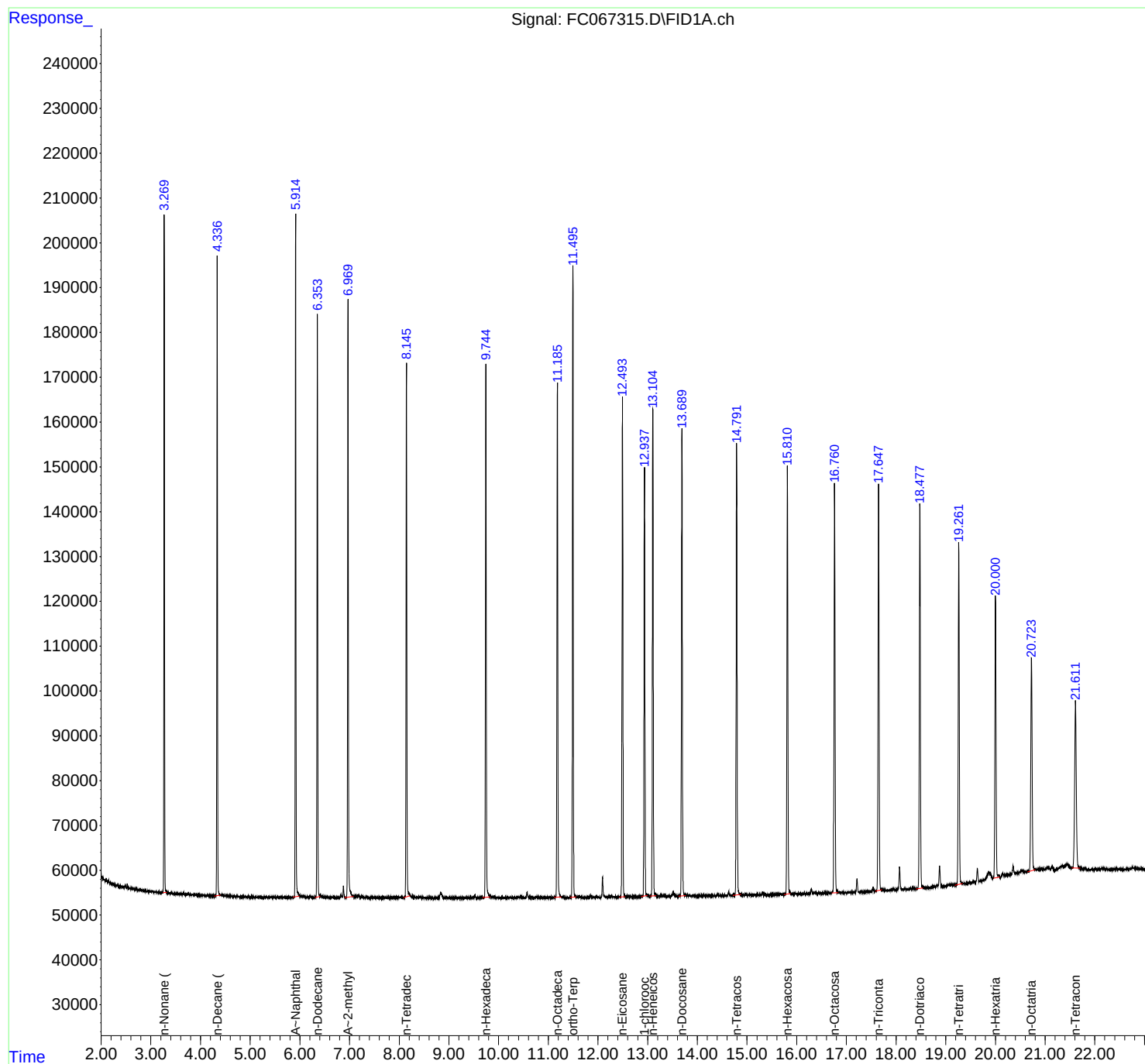
(m)=manual int.

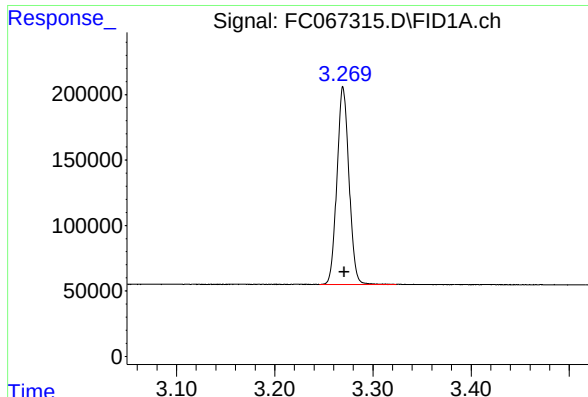
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067315.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 12:47
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 01 09:11:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:07:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

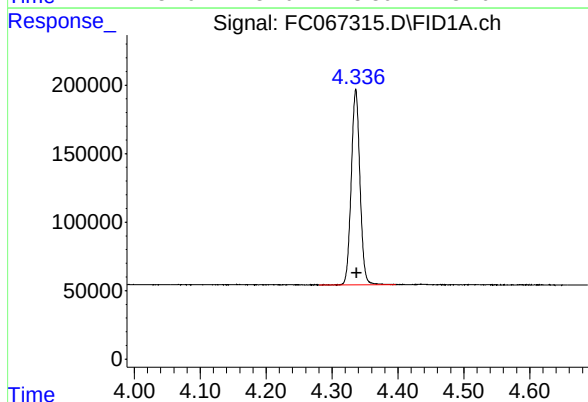




#1 n-Nonane (C9)

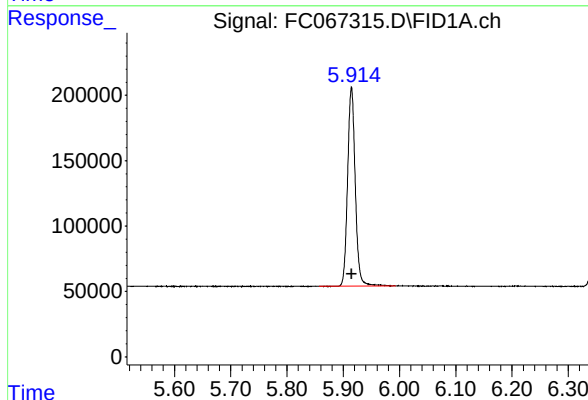
R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 1286606
Conc: 10.49 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



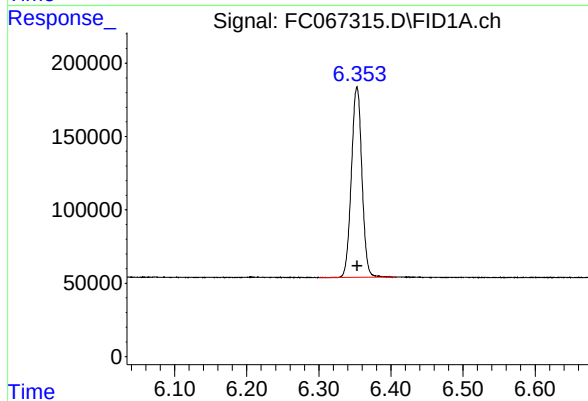
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 1306831
Conc: 10.47 ug/ml



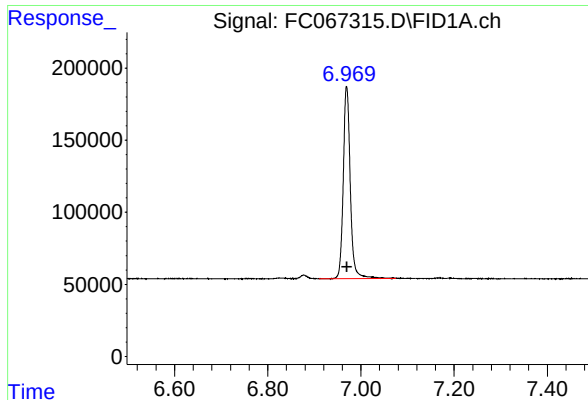
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 1437407
Conc: 10.42 ug/ml



#4 n-Dodecane (C12)

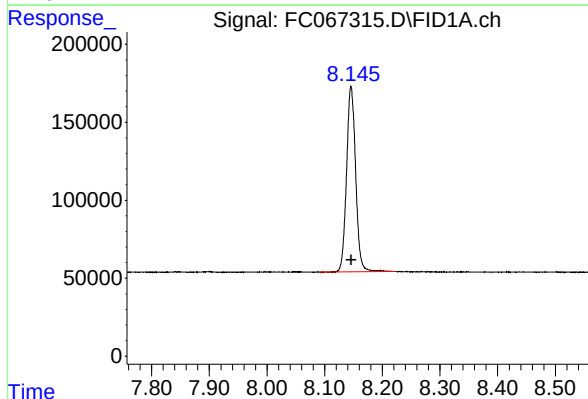
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 1318883
Conc: 10.45 ug/ml



#5 A~2-methylnaphthalene (C12.89)

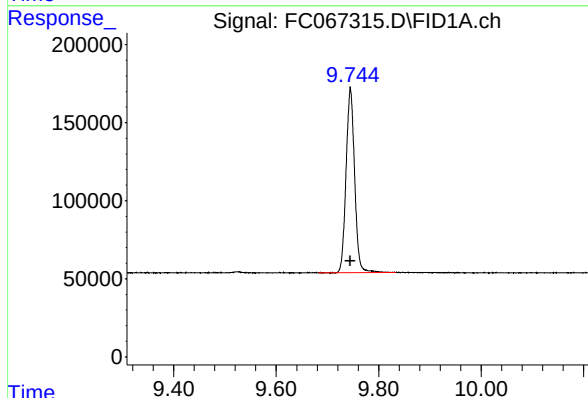
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 1392618
Conc: 10.37 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



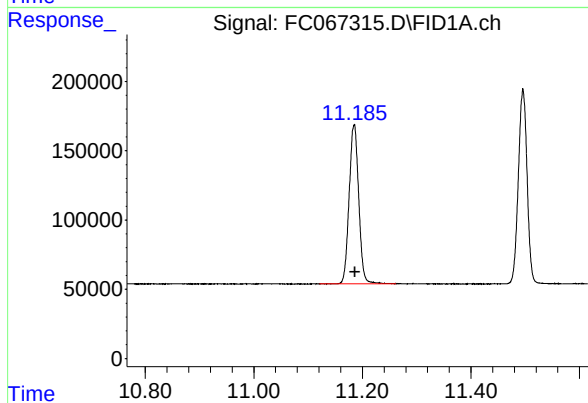
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 1308417
Conc: 10.41 ug/ml



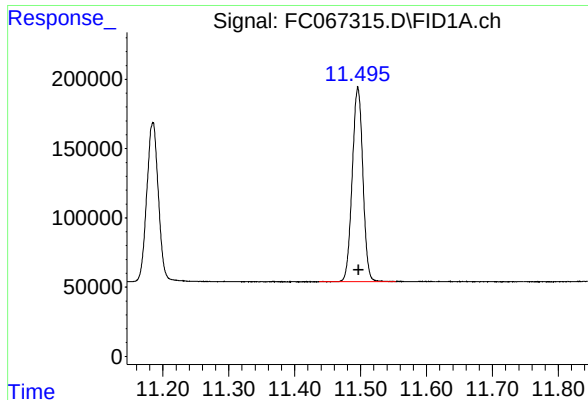
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 1367829
Conc: 10.56 ug/ml



#8 n-Octadecane (C18)

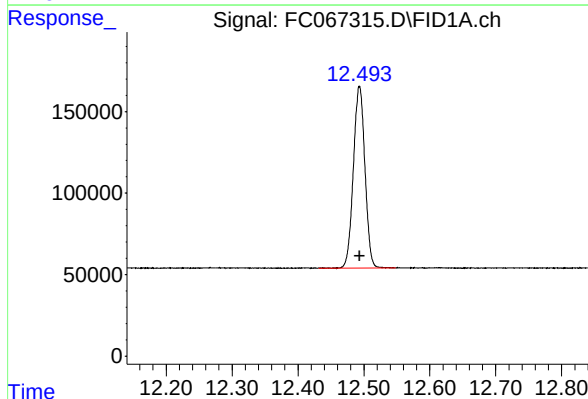
R.T.: 11.185 min
Delta R.T.: -0.001 min
Response: 1404957
Conc: 10.72 ug/ml



#9 ortho-Terphenyl (SURR)

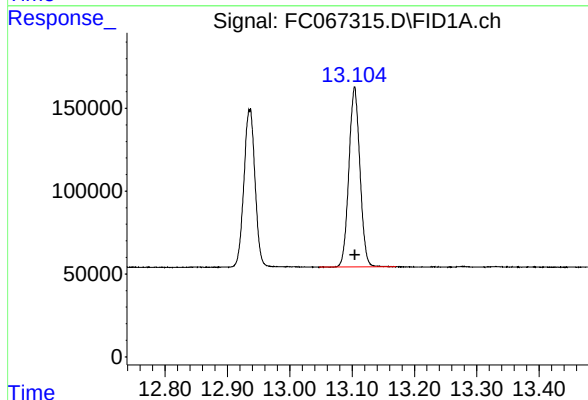
R.T.: 11.496 min
Delta R.T.: -0.001 min
Response: 1571986
Conc: 10.73 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



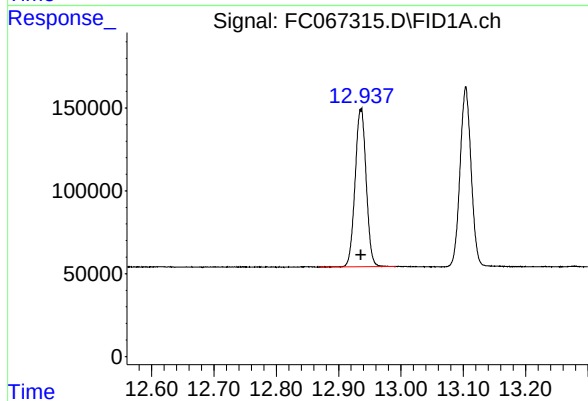
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 1359651
Conc: 10.80 ug/ml



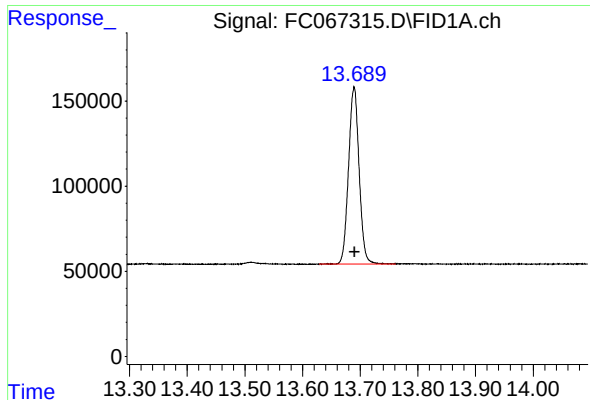
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 1336214
Conc: 10.79 ug/ml



#12 1-chlorooctadecane (SURR)

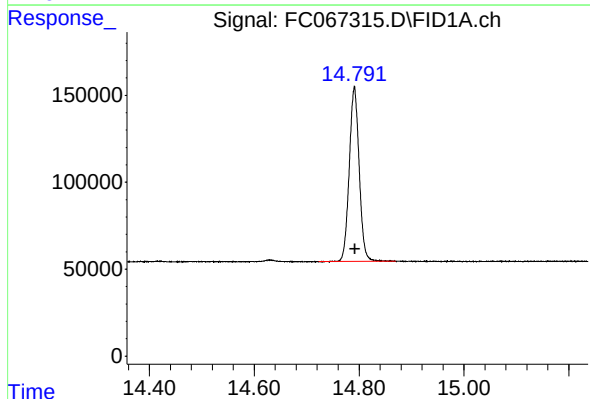
R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 1173605
Conc: 10.70 ug/ml



#13 n-Docosane (C22)

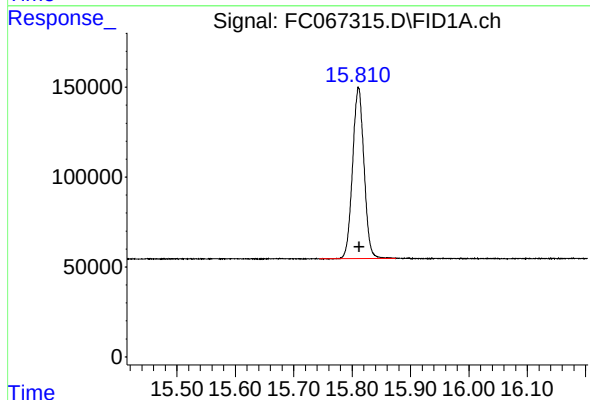
R.T.: 13.689 min
Delta R.T.: -0.001 min
Response: 1324859
Conc: 10.73 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



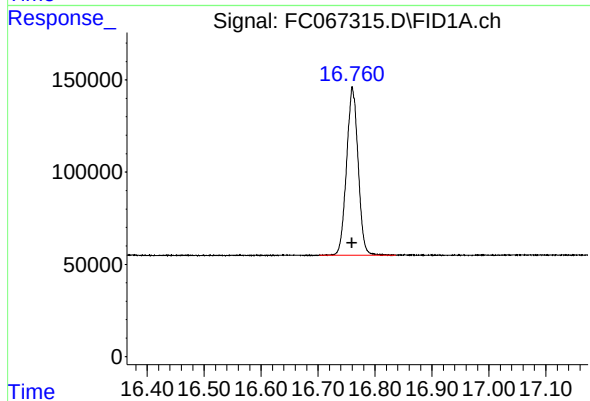
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.000 min
Response: 1318090
Conc: 10.62 ug/ml



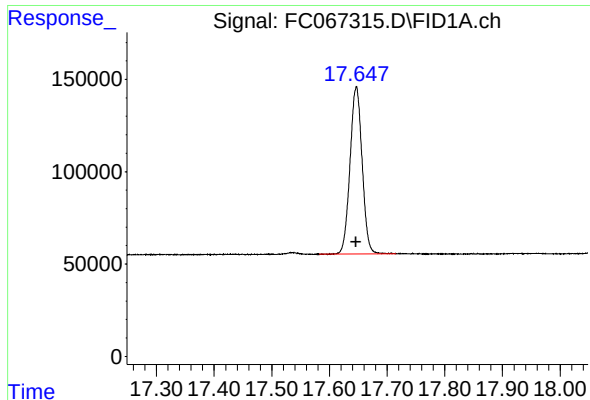
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.002 min
Response: 1292438
Conc: 10.54 ug/ml



#16 n-Octacosane (C28)

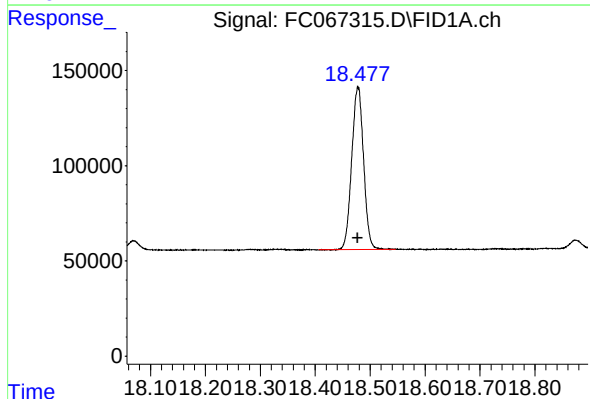
R.T.: 16.761 min
Delta R.T.: 0.000 min
Response: 1284086
Conc: 10.58 ug/ml



#17 n-Tricontane (C30)

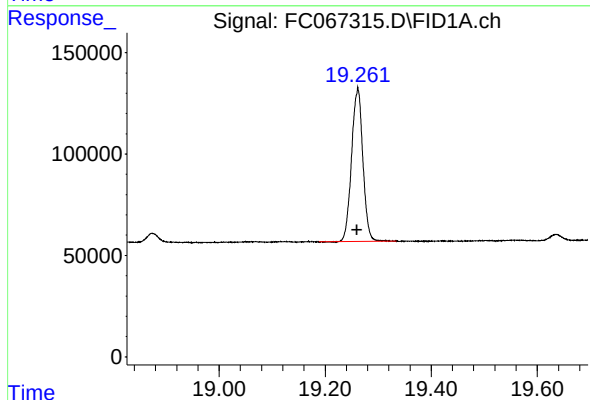
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 1321139
Conc: 10.73 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



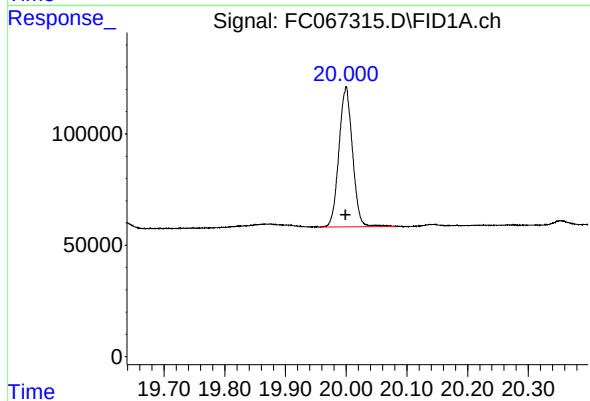
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 1282377
Conc: 10.85 ug/ml



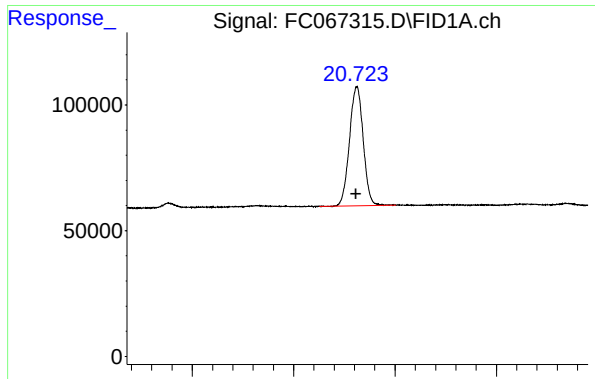
#19 n-Tetatriacontane (C34)

R.T.: 19.261 min
Delta R.T.: 0.002 min
Response: 1119659
Conc: 10.81 ug/ml



#20 n-Hexatriacontane (C36)

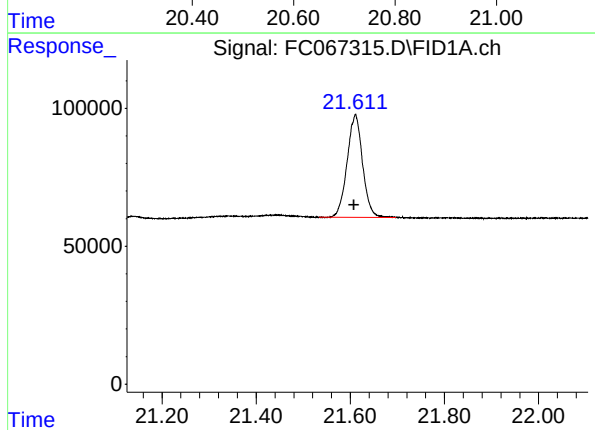
R.T.: 20.000 min
Delta R.T.: 0.000 min
Response: 974156
Conc: 10.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.001 min
Response: 893961
Conc: 10.60 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.611 min
Delta R.T.: 0.003 min
Response: 848887
Conc: 10.30 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067315.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 12:47
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.270	3.245	3.324	BB	149654	1286606	81.85%	4.607%
2	4.336	4.280	4.397	BB	143345	1306831	83.13%	4.680%
3	5.915	5.857	5.994	BB	152594	1437407	91.44%	5.147%
4	6.353	6.300	6.407	BB	129992	1318883	83.90%	4.723%
5	6.970	6.910	7.075	BB	132847	1392618	88.59%	4.987%
6	8.146	8.090	8.224	BB	118854	1308417	83.23%	4.686%
7	9.745	9.684	9.834	BB	118309	1367829	87.01%	4.898%
8	11.185	11.120	11.262	BB	115074	1404957	89.37%	5.031%
9	11.496	11.437	11.554	BB	139977	1571986	100.00%	5.629%
10	12.493	12.432	12.549	BB	111570	1359651	86.49%	4.869%
11	12.936	12.869	12.992	BB	94987	1173605	74.66%	4.203%
12	13.104	13.047	13.170	BB	108646	1336214	85.00%	4.785%
13	13.689	13.629	13.762	BB	103488	1324859	84.28%	4.744%
14	14.791	14.724	14.870	BB	99895	1318090	83.85%	4.720%
15	15.811	15.744	15.875	BB	95486	1292438	82.22%	4.628%
16	16.761	16.702	16.837	BB	90915	1284086	81.69%	4.598%
17	17.647	17.582	17.715	BB	90874	1321139	84.04%	4.731%
18	18.478	18.407	18.547	BB	85034	1282377	81.58%	4.592%
19	19.261	19.189	19.334	BB	76227	1119659	71.23%	4.010%
20	20.000	19.955	20.082	BB	63358	974156	61.97%	3.489%
21	20.724	20.650	20.802	BB	47317	893961	56.87%	3.201%
22	21.611	21.534	21.697	BB	37257	848887	54.00%	3.040%
Sum of corrected areas:						27924656		

Aliphatic EPH 100224.M Tue Oct 01 09:21:38 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
 Data File : FC067316.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 13:35
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 01 09:12:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 Qlast Update : Tue Oct 01 09:07:31 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.496	821094	5.505 ug/ml
Spiked Amount 50.000		Recovery =	11.01%
12) S 1-chlorooctadecane (S...	12.936	597484	5.353 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
Target Compounds			
1) T n-Nonane (C9)	3.271	686146	5.527 ug/ml
2) T n-Decane (C10)	4.336	688670	5.455 ug/ml
3) T A~Naphthalene (C11.7)	5.915	757843	5.435 ug/ml
4) T n-Dodecane (C12)	6.352	691712	5.420 ug/ml
5) T A~2-methylnaphthalene...	6.970	719915	5.313 ug/ml
6) T n-Tetradecane (C14)	8.146	680596	5.360 ug/ml
7) T n-Hexadecane (C16)	9.745	701420	5.341 ug/ml
8) T n-Octadecane (C18)	11.185	721326	5.406 ug/ml
10) T n-Eicosane (C20)	12.493	695208	5.412 ug/ml
11) T n-Heneicosane (C21)	13.105	680195	5.385 ug/ml
13) T n-Docosane (C22)	13.690	677301	5.386 ug/ml
14) T n-Tetracosane (C24)	14.792	676857	5.371 ug/ml
15) T n-Hexacosane (C26)	15.811	666097	5.359 ug/ml
16) T n-Octacosane (C28)	16.759	677736	5.503 ug/ml
17) T n-Tricontane (C30)	17.647	712654	5.683 ug/ml
18) T n-Dotriacontane (C32)	18.478	709265	5.876 ug/ml
19) T n-Tetratriacontane (C34)	19.260	617762	5.844 ug/ml
20) T n-Hexatriacontane (C36)	20.000	533422	5.831 ug/ml
21) T n-Octatriacontane (C38)	20.724	480941	5.620 ug/ml
22) T n-Tetracontane (C40)	21.612	490214	5.903 ug/ml

(f)=RT Delta > 1/2 Window

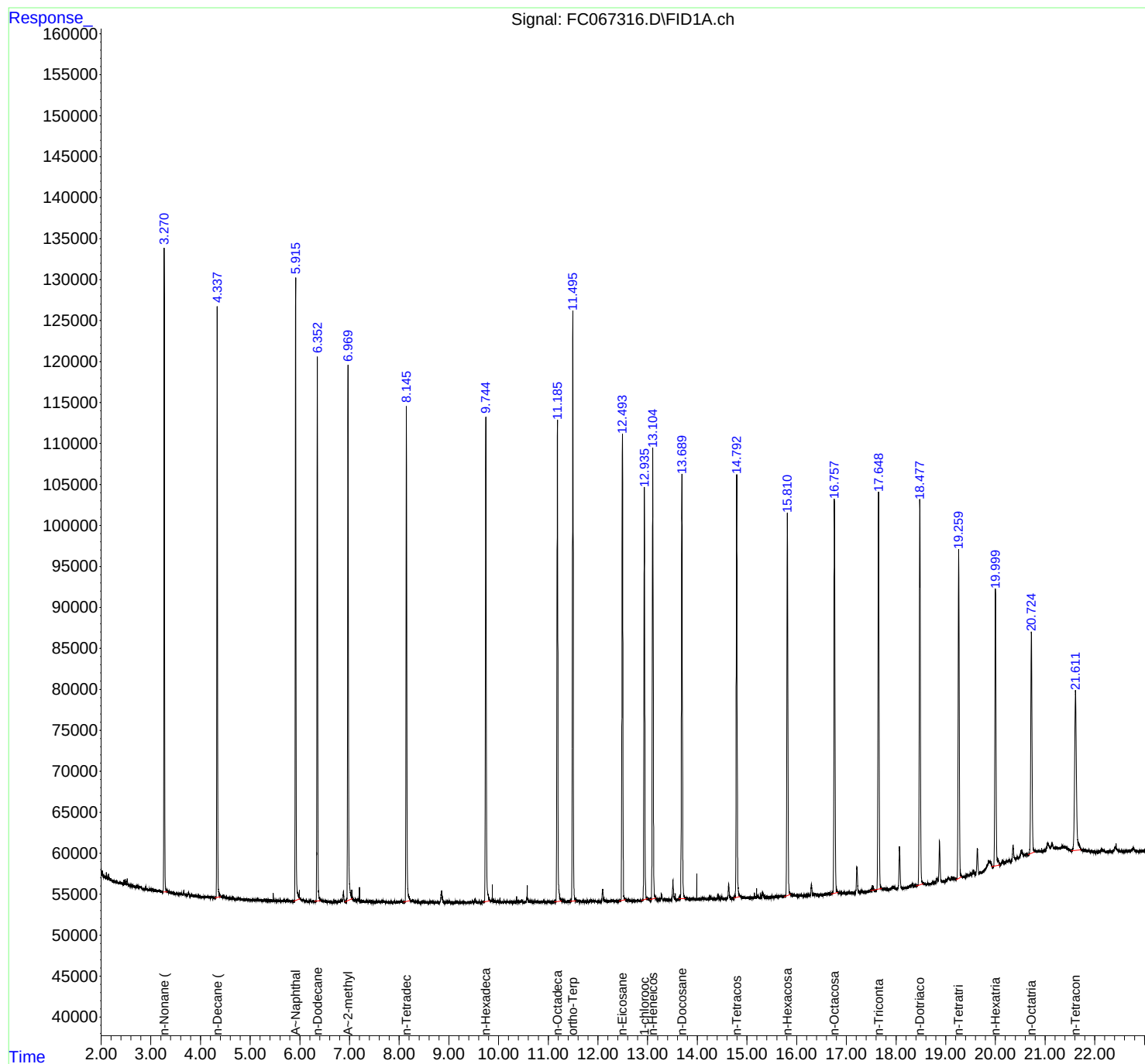
(m)=manual int.

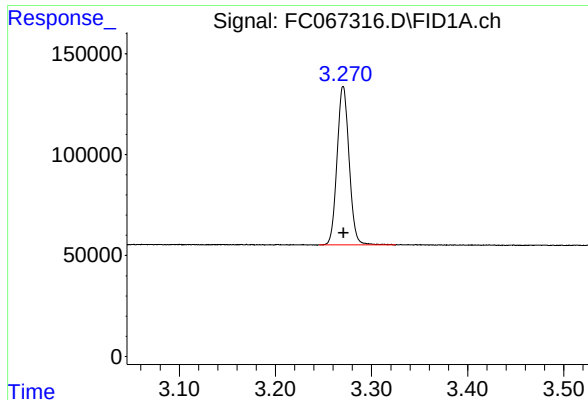
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067316.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 13:35
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 01 09:12:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:07:31 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

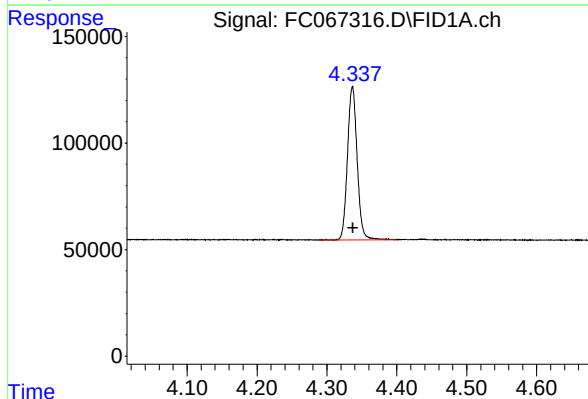




#1 n-Nonane (C9)

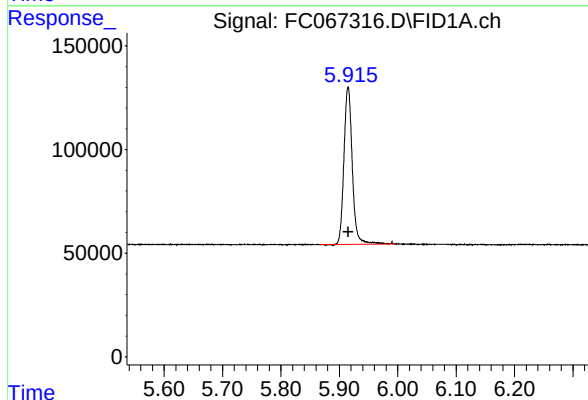
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 686146
Conc: 5.53 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



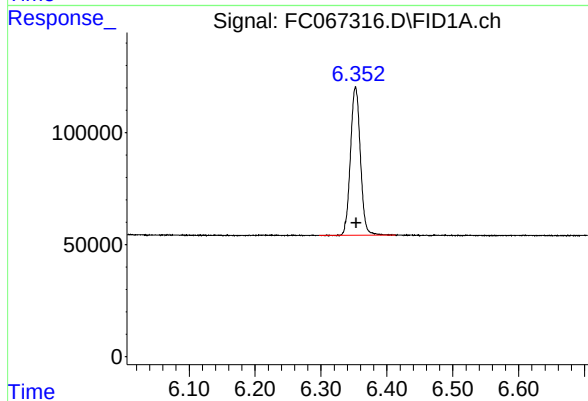
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 688670
Conc: 5.46 ug/ml



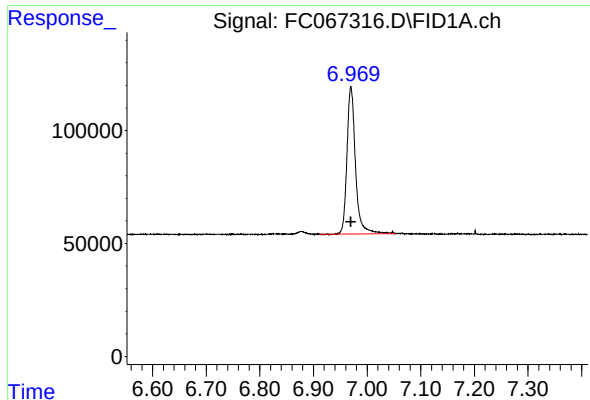
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 757843
Conc: 5.44 ug/ml



#4 n-Dodecane (C12)

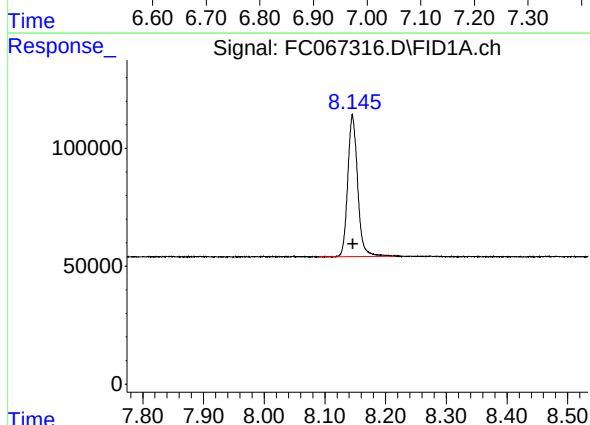
R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 691712
Conc: 5.42 ug/ml



#5 A~2-methylnaphthalene (C12.89)

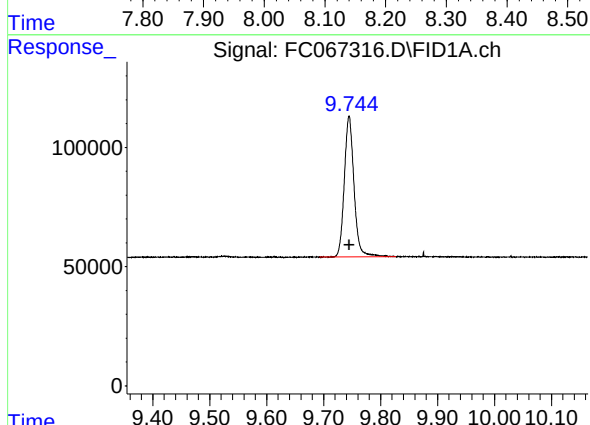
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 719915
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



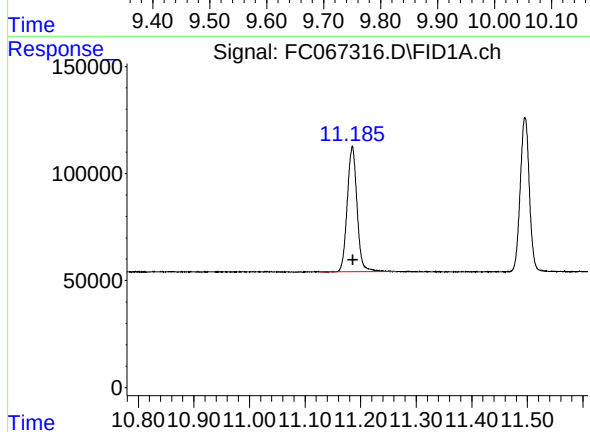
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 680596
Conc: 5.36 ug/ml



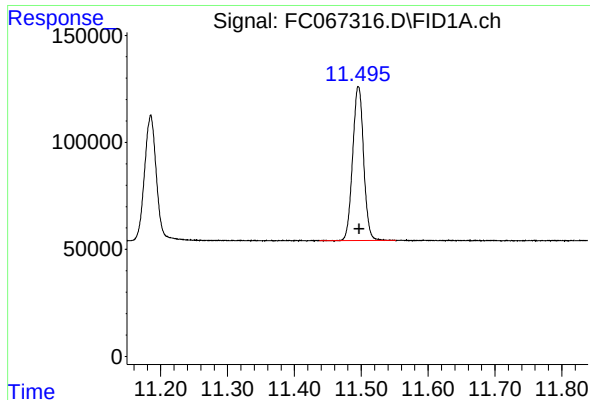
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 701420
Conc: 5.34 ug/ml



#8 n-Octadecane (C18)

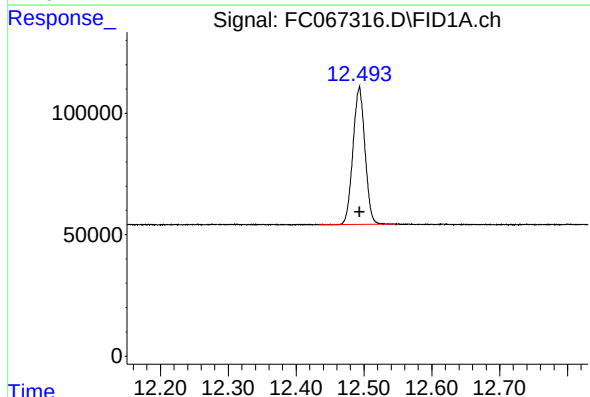
R.T.: 11.185 min
Delta R.T.: -0.001 min
Response: 721326
Conc: 5.41 ug/ml



#9 ortho-Terphenyl (SURR)

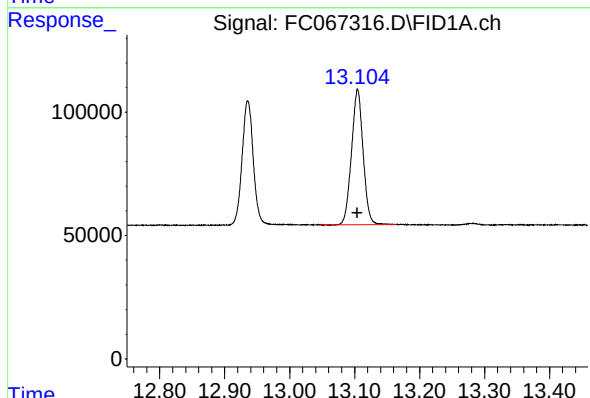
R.T.: 11.496 min
Delta R.T.: -0.001 min
Response: 821094
Conc: 5.51 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



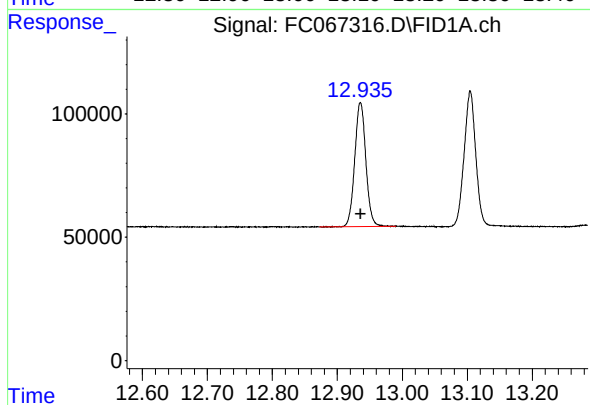
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 695208
Conc: 5.41 ug/ml



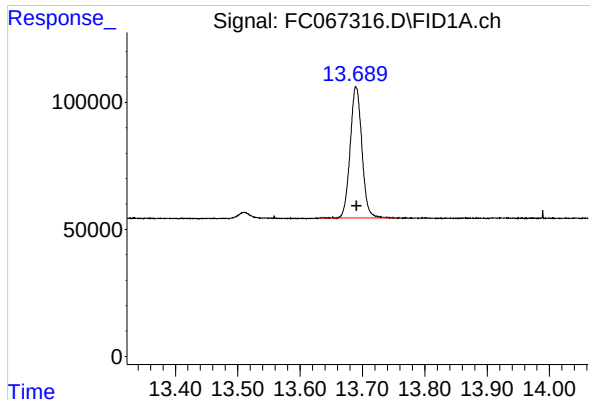
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 680195
Conc: 5.39 ug/ml



#12 1-chlorooctadecane (SURR)

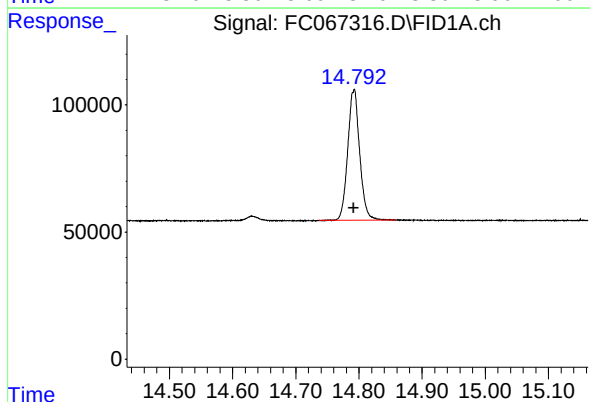
R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 597484
Conc: 5.35 ug/ml



#13 n-Docosane (C22)

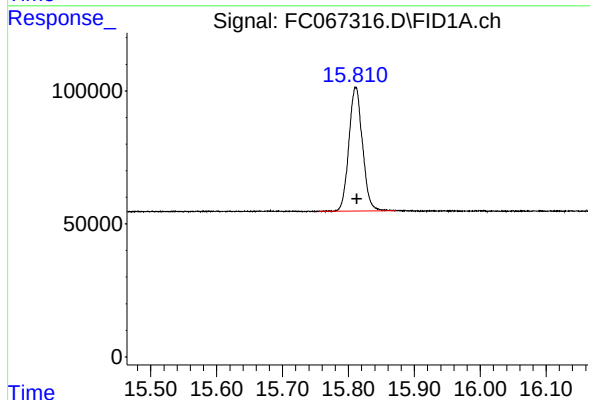
R.T.: 13.690 min
Delta R.T.: 0.000 min
Response: 677301
Conc: 5.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



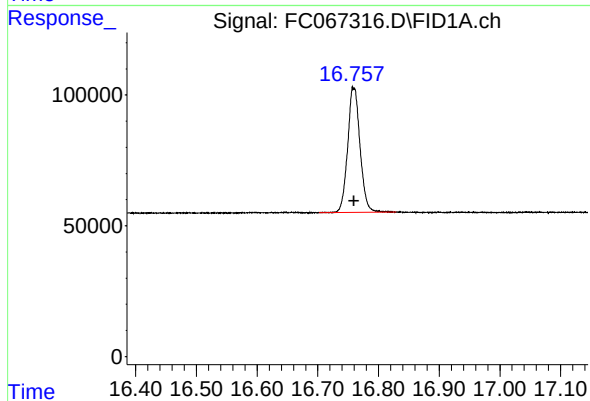
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 676857
Conc: 5.37 ug/ml



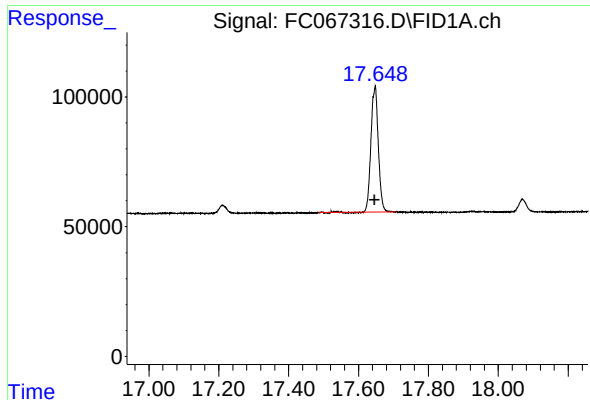
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.002 min
Response: 666097
Conc: 5.36 ug/ml



#16 n-Octacosane (C28)

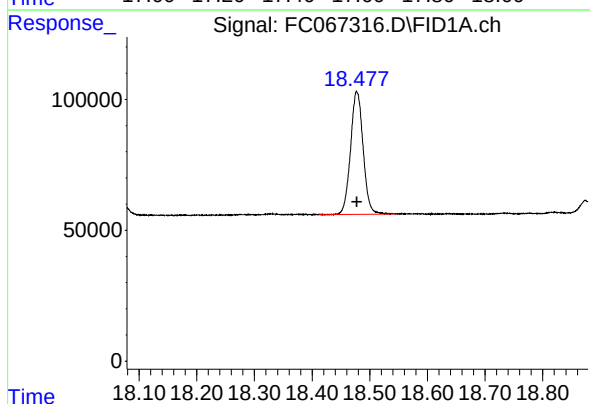
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 677736
Conc: 5.50 ug/ml



#17 n-Tricontane (C30)

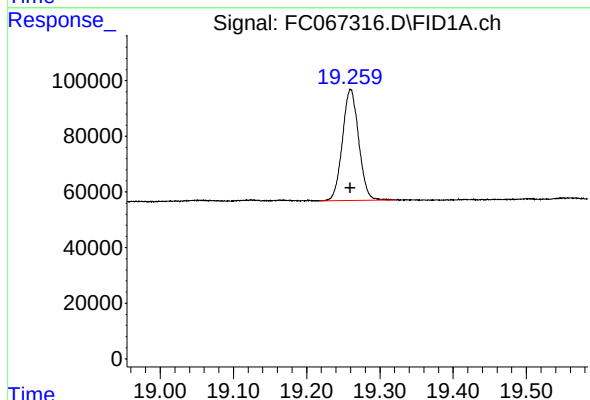
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 712654
Conc: 5.68 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



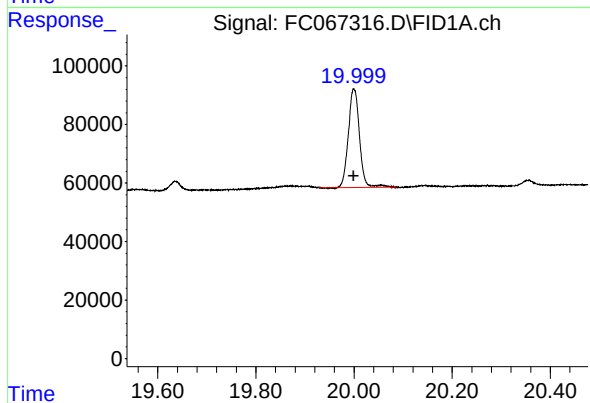
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 709265
Conc: 5.88 ug/ml



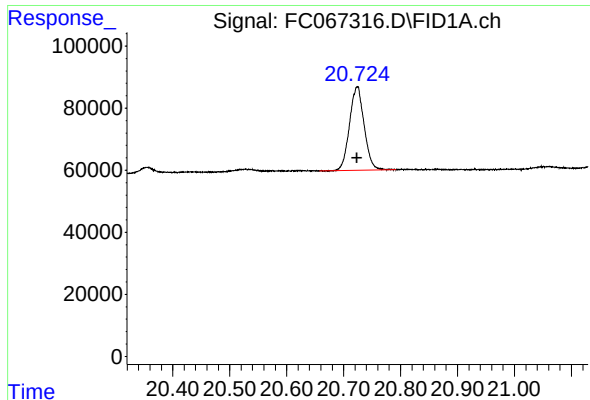
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 617762
Conc: 5.84 ug/ml



#20 n-Hexatriacontane (C36)

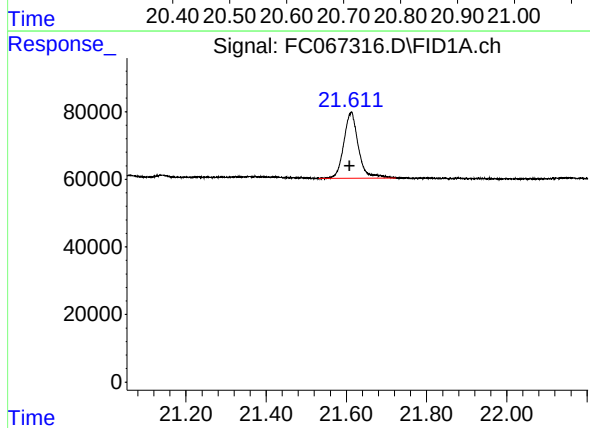
R.T.: 20.000 min
Delta R.T.: 0.000 min
Response: 533422
Conc: 5.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.000 min
Response: 480941
Conc: 5.62 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.004 min
Response: 490214
Conc: 5.90 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067316.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 13:35
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.271	3.245	3.325	BB	78681	686146	83.56%	4.673%
2	4.336	4.289	4.399	BB	72152	688670	83.87%	4.690%
3	5.915	5.865	5.997	BB	76027	757843	92.30%	5.161%
4	6.352	6.297	6.414	BB	66053	691712	84.24%	4.711%
5	6.970	6.910	7.054	BB	65101	719915	87.68%	4.903%
6	8.146	8.090	8.217	BB	60011	680596	82.89%	4.635%
7	9.745	9.692	9.827	BB	59283	701420	85.42%	4.777%
8	11.185	11.125	11.264	BB	58904	721326	87.85%	4.912%
9	11.496	11.437	11.552	BB	72136	821094	100.00%	5.592%
10	12.493	12.434	12.547	BB	56965	695208	84.67%	4.735%
11	12.936	12.872	12.990	BB	50290	597484	72.77%	4.069%
12	13.105	13.045	13.164	BB	54789	680195	82.84%	4.632%
13	13.690	13.630	13.754	BB	51352	677301	82.49%	4.613%
14	14.792	14.737	14.859	BB	51124	676857	82.43%	4.610%
15	15.811	15.755	15.872	BB	46744	666097	81.12%	4.536%
16	16.759	16.702	16.829	BB	47167	677736	82.54%	4.616%
17	17.647	17.487	17.707	BB	48207	712654	86.79%	4.853%
18	18.478	18.412	18.545	BB	46869	709265	86.38%	4.830%
19	19.260	19.217	19.322	BB	39937	617762	75.24%	4.207%
20	20.000	19.929	20.085	BB	33595	533422	64.96%	3.633%
21	20.724	20.657	20.792	BB	26905	480941	58.57%	3.275%
22	21.612	21.532	21.724	BB	19525	490214	59.70%	3.338%
Sum of corrected areas:						14683859		

Aliphatic EPH 100224.M Tue Oct 01 09:21:54 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
 Data File : FC067317.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 14:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 01 09:15:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 Qlast Update : Tue Oct 01 09:13:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.498	2856514	18.773 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	12.936	2133568	18.849 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.270	2407553	18.993 ug/ml
2) T n-Decane (C10)	4.336	2442213	18.999 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2689038	18.956 ug/ml
4) T n-Dodecane (C12)	6.353	2456420	18.930 ug/ml
5) T A~2-methylnaphthalene...	6.970	2597570	18.934 ug/ml
6) T n-Tetradecane (C14)	8.146	2450775	19.028 ug/ml
7) T n-Hexadecane (C16)	9.746	2523898	18.960 ug/ml
8) T n-Octadecane (C18)	11.186	2573183	18.976 ug/ml
10) T n-Eicosane (C20)	12.494	2485014	19.032 ug/ml
11) T n-Heneicosane (C21)	13.105	2426455	18.919 ug/ml
13) T n-Docosane (C22)	13.691	2465913	19.312 ug/ml
14) T n-Tetracosane (C24)	14.792	2609769	20.406 ug/ml
15) T n-Hexacosane (C26)	15.813	2600091	20.622 ug/ml
16) T n-Octacosane (C28)	16.762	2654837	21.132 ug/ml
17) T n-Tricontane (C30)	17.647	2708550	21.025 ug/ml
18) T n-Dotriacontane (C32)	18.478	2596492	20.784 ug/ml
19) T n-Tetratriacontane (C34)	19.261	2217081	20.289 ug/ml
20) T n-Hexatriacontane (C36)	20.000	1805047	19.097 ug/ml
21) T n-Octatriacontane (C38)	20.724	1666956	19.008 ug/ml
22) T n-Tetracontane (C40)	21.608	1643254	19.097 ug/ml

(f)=RT Delta > 1/2 Window

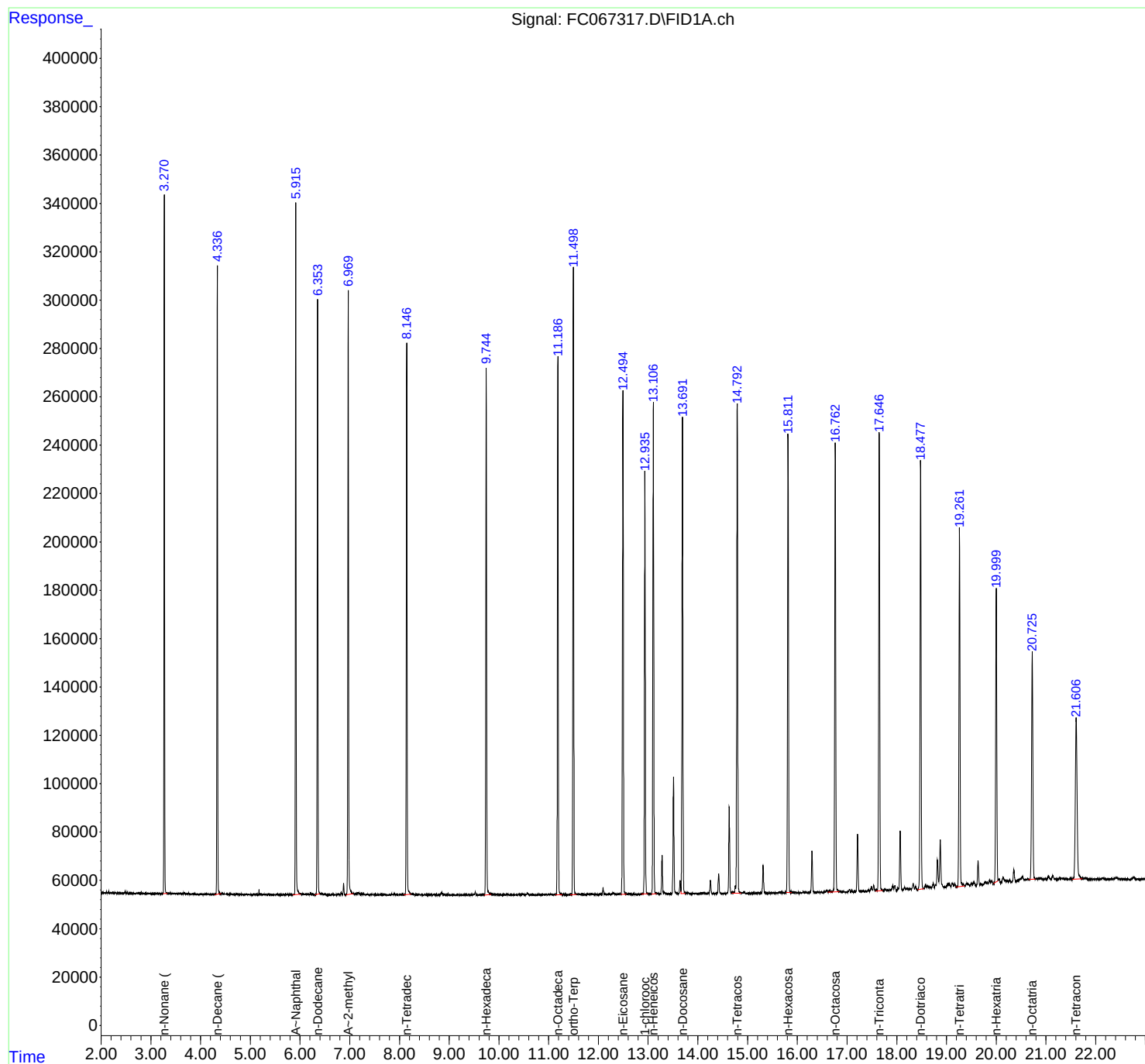
(m)=manual int.

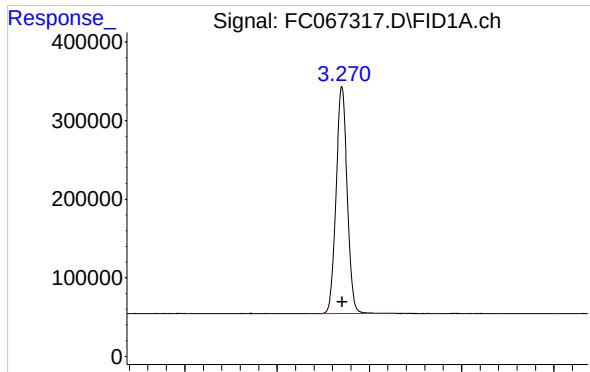
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067317.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 14:29
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 01 09:15:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

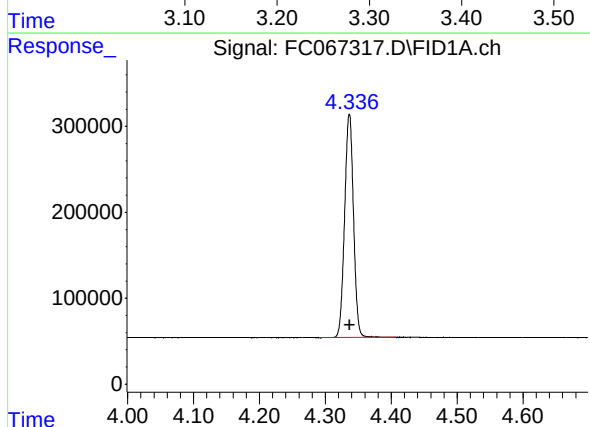
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 2407553
Conc: 18.99 ug/ml

Instrument :

FID_C

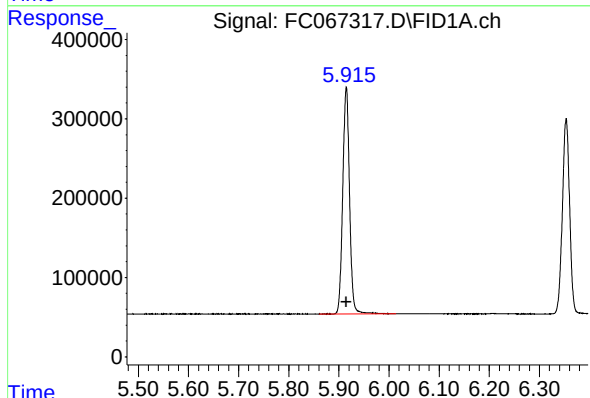
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



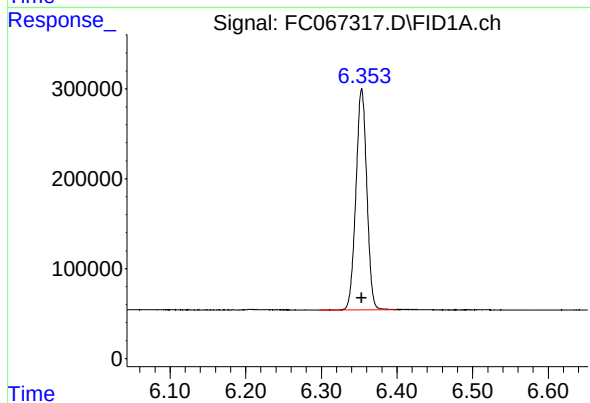
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 2442213
Conc: 19.00 ug/ml



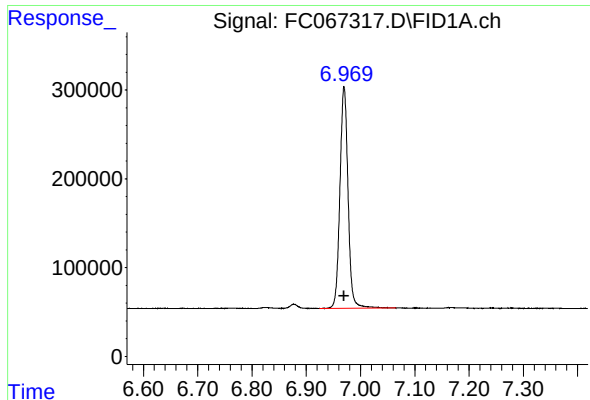
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 2689038
Conc: 18.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2456420
Conc: 18.93 ug/ml



#5 A~2-methylnaphthalene (C12.89)

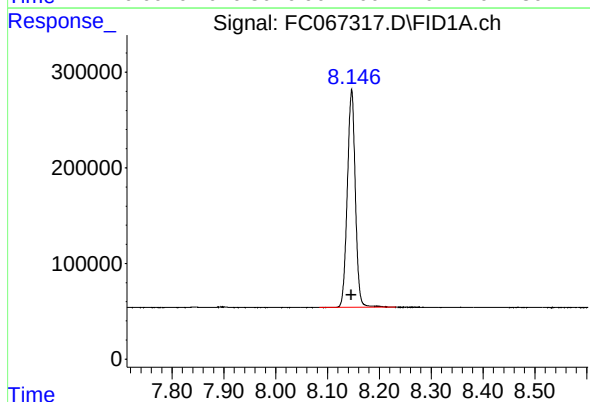
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 2597570
Conc: 18.93 ug/ml

Instrument :

FID_C

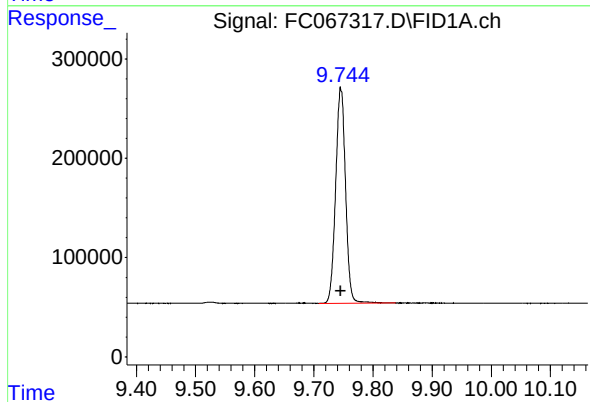
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



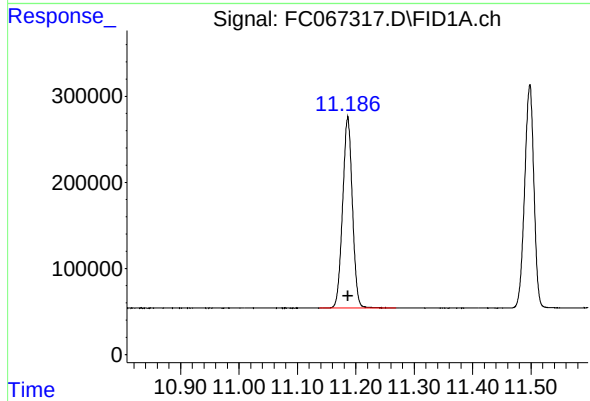
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2450775
Conc: 19.03 ug/ml



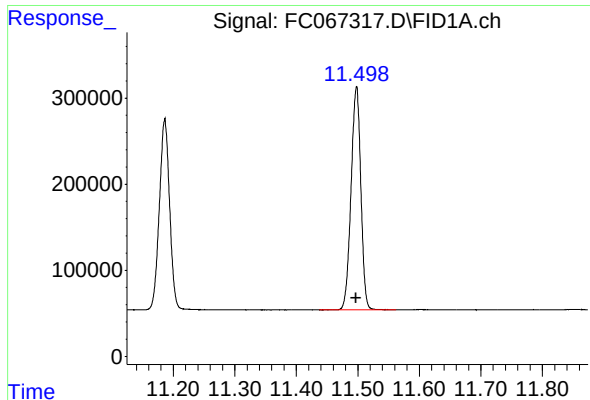
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.000 min
Response: 2523898
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.000 min
Response: 2573183
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

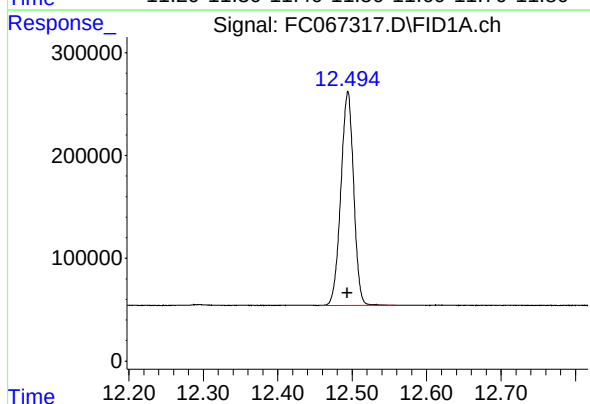
R.T.: 11.498 min
Delta R.T.: 0.000 min
Response: 2856514
Conc: 18.77 ug/ml

Instrument :

FID_C

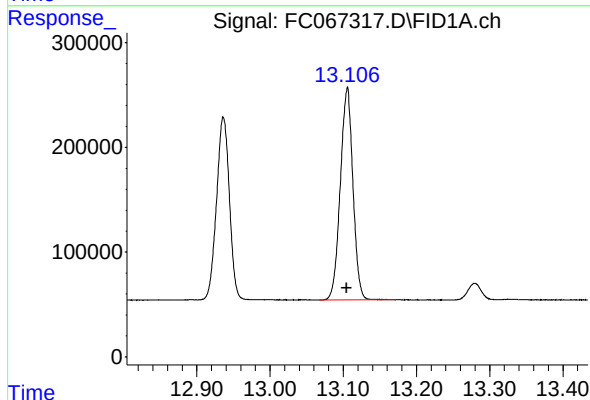
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



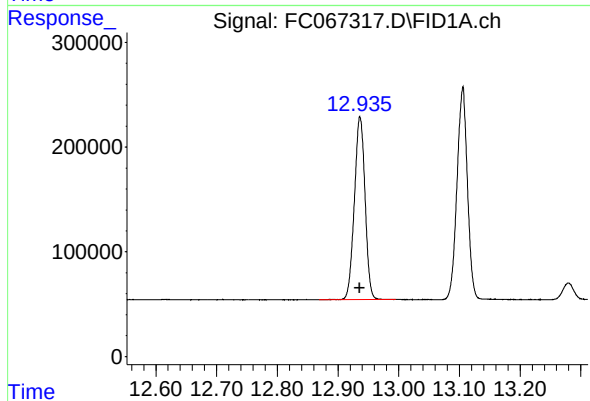
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 2485014
Conc: 19.03 ug/ml



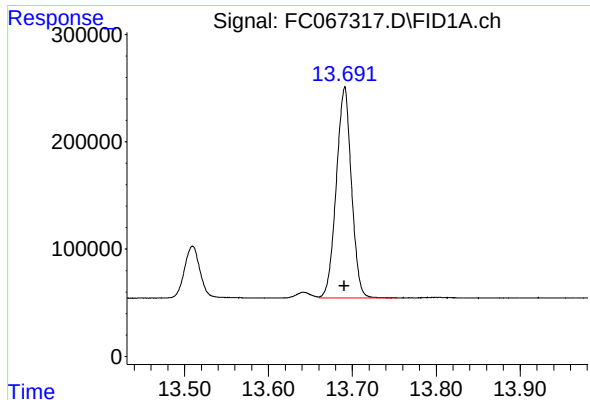
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 2426455
Conc: 18.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 2133568
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

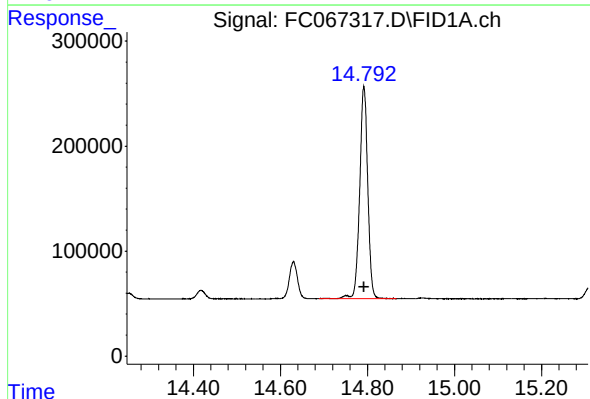
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 2465913
Conc: 19.31 ug/ml

Instrument :

FID_C

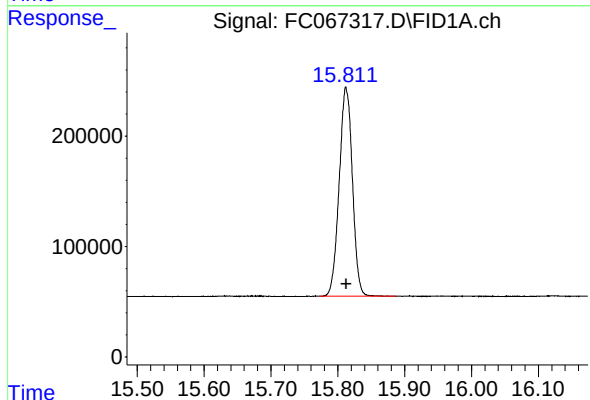
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



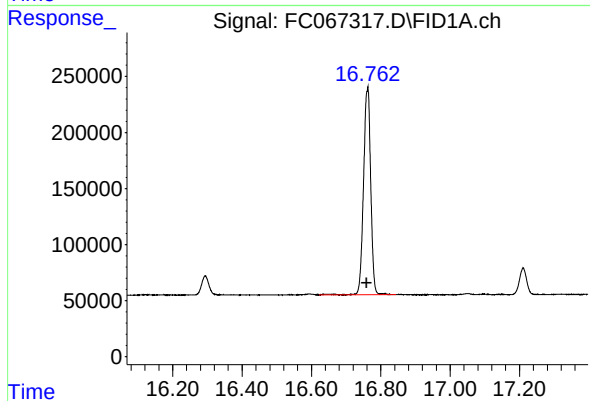
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 2609769
Conc: 20.41 ug/ml



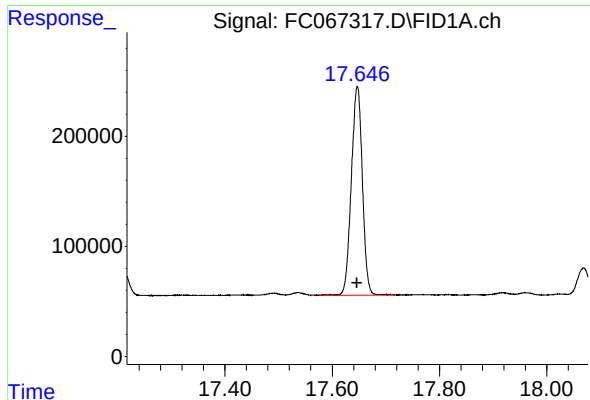
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 2600091
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.002 min
Response: 2654837
Conc: 21.13 ug/ml



#17 n-Tricontane (C30)

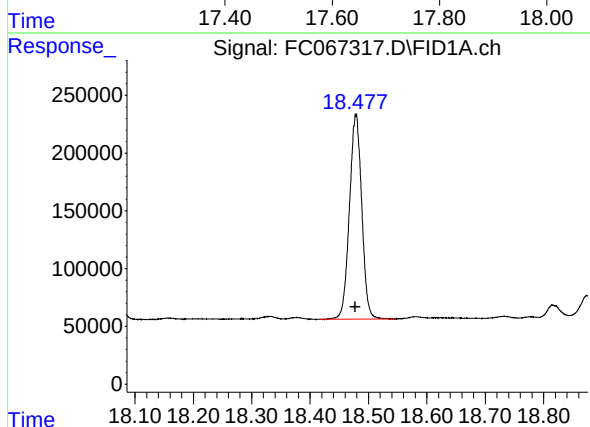
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 2708550
Conc: 21.03 ug/ml

Instrument :

FID_C

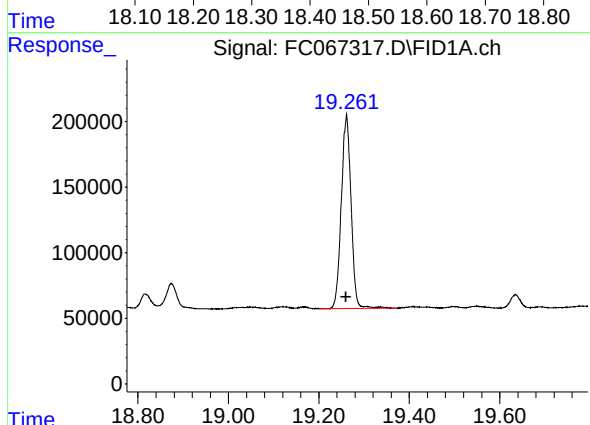
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



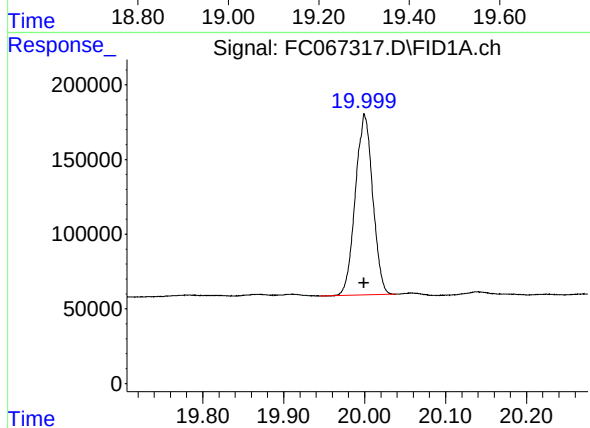
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 2596492
Conc: 20.78 ug/ml



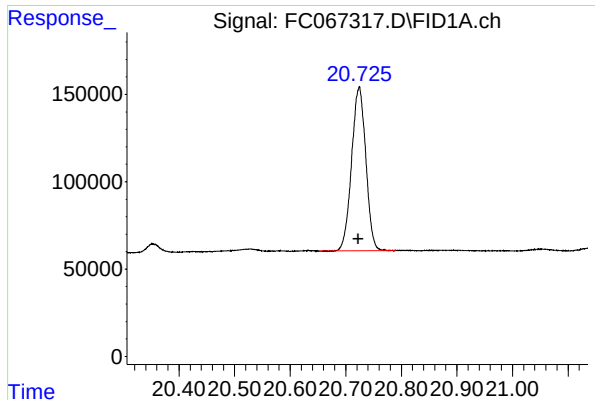
#19 n-Tetatriacontane (C34)

R.T.: 19.261 min
Delta R.T.: 0.001 min
Response: 2217081
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.000 min
Response: 1805047
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

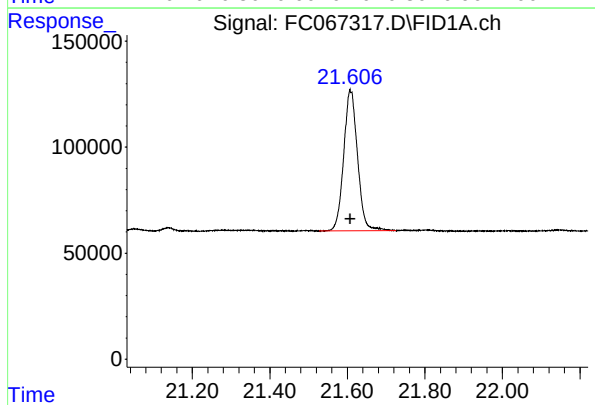
R.T.: 20.724 min
Delta R.T.: 0.000 min
Response: 1666956
Conc: 19.01 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.608 min
Delta R.T.: 0.000 min
Response: 1643254
Conc: 19.10 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
Data File : FC067317.D
Signal(s) : FID1A.ch
Acq On : 30 Sep 2024 14:29
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.270	3.245	3.329	BB	288931	2407553	84.28%	4.542%
2	4.336	4.290	4.407	BB	261348	2442213	85.50%	4.607%
3	5.915	5.860	6.014	BB	287508	2689038	94.14%	5.073%
4	6.353	6.297	6.399	BB	245767	2456420	85.99%	4.634%
5	6.970	6.924	7.065	BB	249458	2597570	90.93%	4.900%
6	8.146	8.084	8.232	BB	228794	2450775	85.80%	4.623%
7	9.746	9.709	9.839	BB	216843	2523898	88.36%	4.761%
8	11.186	11.137	11.269	BB	220536	2573183	90.08%	4.854%
9	11.498	11.437	11.562	BB	258215	2856514	100.00%	5.389%
10	12.494	12.455	12.559	BB	207733	2485014	86.99%	4.688%
11	12.936	12.869	12.995	BB	173785	2133568	74.69%	4.025%
12	13.105	13.067	13.172	BB	202480	2426455	84.94%	4.577%
13	13.691	13.660	13.752	VB	195897	2465913	86.33%	4.652%
14	14.792	14.689	14.865	BB	201649	2609769	91.36%	4.923%
15	15.813	15.772	15.887	BB	189215	2600091	91.02%	4.905%
16	16.762	16.622	16.844	BB	184812	2654837	92.94%	5.008%
17	17.647	17.575	17.719	BB	189586	2708550	94.82%	5.109%
18	18.478	18.415	18.547	BV	176605	2596492	90.90%	4.898%
19	19.261	19.200	19.370	BB	146116	2217081	77.61%	4.182%
20	20.000	19.944	20.039	BV	119921	1805047	63.19%	3.405%
21	20.724	20.652	20.790	BB	93568	1666956	58.36%	3.145%
22	21.608	21.527	21.725	BB	65123	1643254	57.53%	3.100%
Sum of corrected areas:							53010189	

Aliphatic EPH 100224.M Tue Oct 01 09:22:28 2024

Initial Calibration Report for SequenceID : FC102324AL

AreaCount

Parameter Range	FC067506.D	FC067507.D	FC067508.D	FC067509.D	FC067510.D	
Aliphatic C9-C12	39022992.000	19933185.000	8061570.000	4198329.000	2101198.000	
Aliphatic C12-C16	25467967.000	12990634.000	5208245.000	2702045.000	1358541.000	
Aliphatic C16-C21	36713606.000	18782701.000	7526010.000	3934678.000	1979840.000	
Aliphatic C21-C28	45946180.000	23609090.000	9458827.000	4951672.000	2510279.000	
Aliphatic C28-C40	56250650.000	29316600.000	11954663.000	6283522.000	3289360.000	
Aliphatic EPH	203401395.000	104632210.000	42209315.000	22070246.000	11239218.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	135469.6413332	3.265				
Aliphatic C12-C16	131681.73	2.772				
Aliphatic C16-C21	127235.0919996	3.261				
Aliphatic C21-C28	120090.3975	3.678				
Aliphatic C28-C40	101093.1949996	6.133				
Aliphatic EPH	118799.912222	4.081				

Concentration

Parameter Range	FC067506.D	FC067507.D	FC067508.D	FC067509.D	FC067510.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC067506.D	FC067507.D	FC067508.D	FC067509.D	FC067510.D	
Aliphatic C9-C12	130076.640000	132887.900000	134359.500000	139944.300000	140079.866666	
Aliphatic C12-C16	127339.835000	129906.340000	130206.125000	135102.250000	135854.100000	
Aliphatic C16-C21	122378.686666	125218.006666	125433.500000	131155.933333	131989.333333	

Initial Calibration Report for SequenceID : FC102324AL

Aliphatic C21-C28	114865.450000	118045.450000	118235.337500	123791.800000	125513.950000	
Aliphatic C28-C40	93751.083333	97722.000000	99622.191666	104725.366666	109645.333333	
Aliphatic EPH	113000.775000	116258.011111	117248.097222	122612.477777	124880.200000	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
 Data File : FC067506.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 15:12
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 23 17:19:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:19:01 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.506	14037783	98.632 ug/ml
Spiked Amount 50.000		Recovery =	197.26%
12) S 1-chlorooctadecane (S...	12.941	10490435	99.221 ug/ml
Spiked Amount 50.000		Recovery =	198.44%
Target Compounds			
1) T n-Nonane (C9)	3.278	12920314	98.296 ug/ml
2) T n-Decane (C10)	4.343	13085907	98.393 ug/ml
3) T A~Naphthalene (C11.7)	5.922	14394132	98.923 ug/ml
4) T n-Dodecane (C12)	6.360	13016771	98.452 ug/ml
5) T A~2-methylnaphthalene...	6.979	13836866	99.334 ug/ml
6) T n-Tetradecane (C14)	8.152	12659193	98.737 ug/ml
7) T n-Hexadecane (C16)	9.751	12808774	99.036 ug/ml
8) T n-Octadecane (C18)	11.193	12738874	98.786 ug/ml
10) T n-Eicosane (C20)	12.499	12105735	98.678 ug/ml
11) T n-Heneicosane (C21)	13.110	11868997	98.838 ug/ml
13) T n-Docosane (C22)	13.695	11751176	98.736 ug/ml
14) T n-Tetracosane (C24)	14.797	11637443	98.776 ug/ml
15) T n-Hexacosane (C26)	15.816	11410589	98.652 ug/ml
16) T n-Octacosane (C28)	16.765	11146972	98.035 ug/ml
17) T n-Tricontane (C30)	17.651	11224678	97.103 ug/ml
18) T n-Dotriacontane (C32)	18.483	10806351	96.387 ug/ml
19) T n-Tetratriacontane (C34)	19.263	9619727	96.453 ug/ml
20) T n-Hexatriacontane (C36)	20.002	8494635	97.259 ug/ml
21) T n-Octatriacontane (C38)	20.726	8112623	97.297 ug/ml
22) T n-Tetracontane (C40)	21.614	7992636	97.524 ug/ml

(f)=RT Delta > 1/2 Window

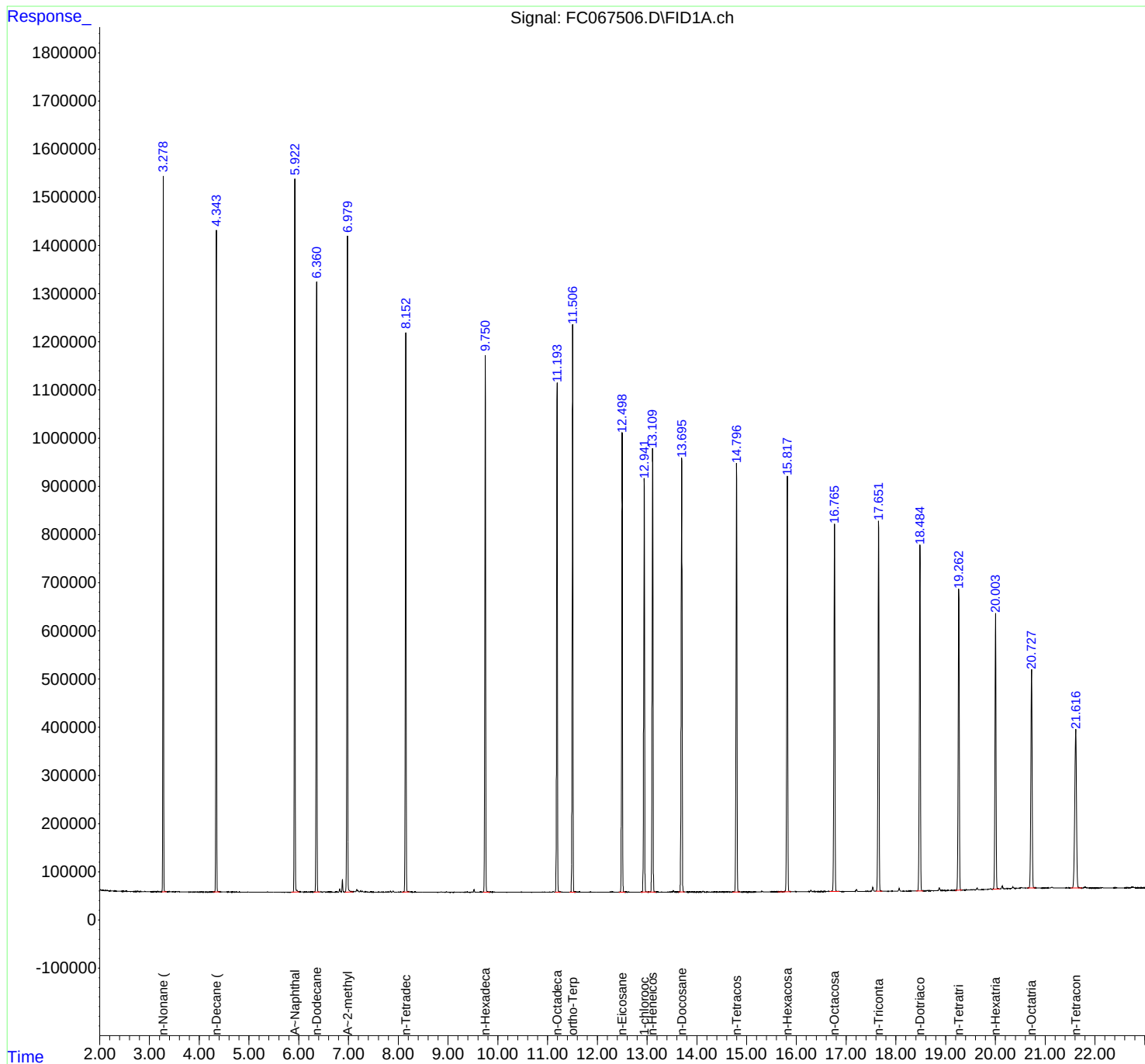
(m)=manual int.

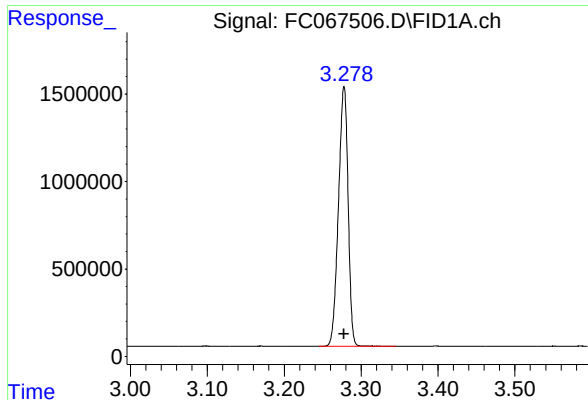
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067506.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 15:12
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 23 17:19:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 17:19:01 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

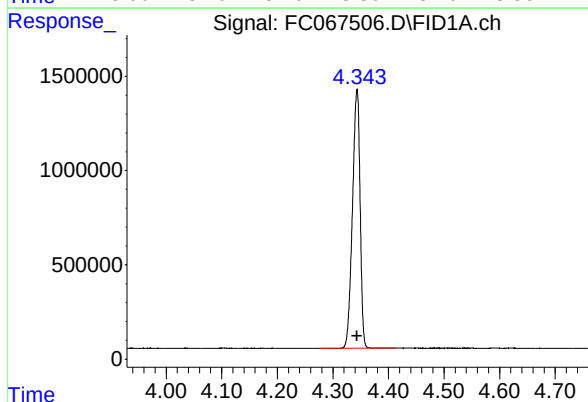




#1 n-Nonane (C9)

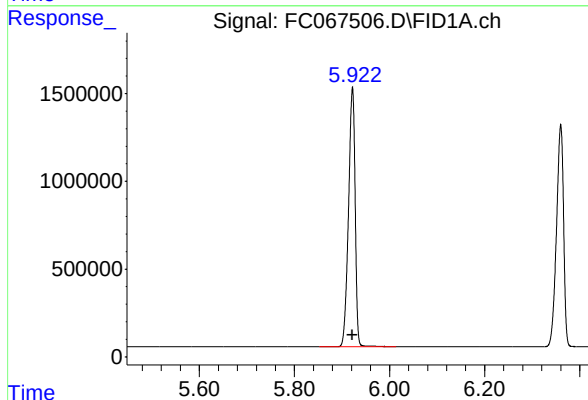
R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 12920314
Conc: 98.30 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



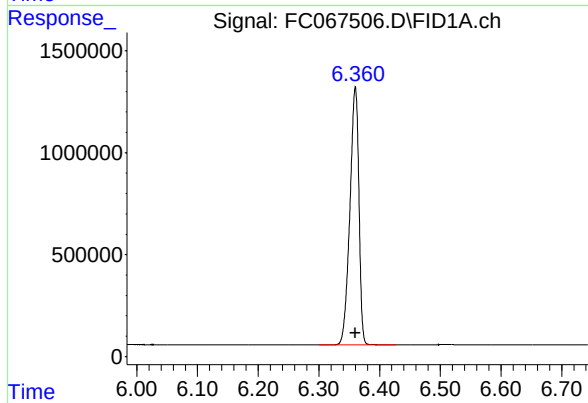
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 13085907
Conc: 98.39 ug/ml



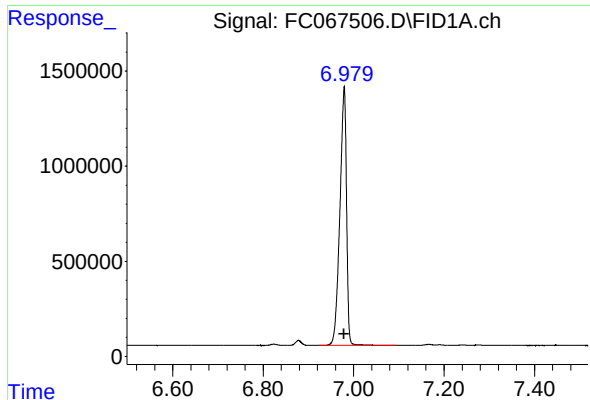
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 14394132
Conc: 98.92 ug/ml



#4 n-Dodecane (C12)

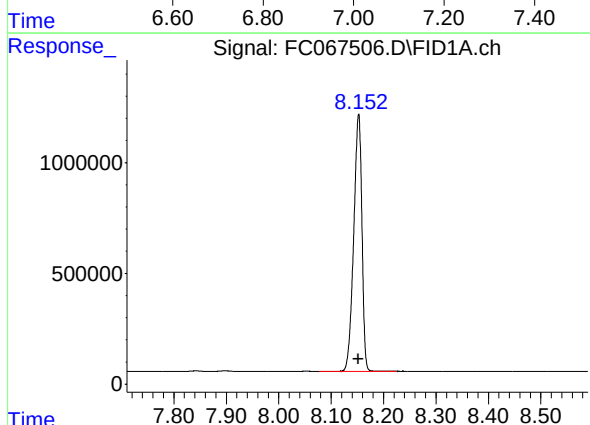
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 13016771
Conc: 98.45 ug/ml



#5 A~2-methylnaphthalene (C12.89)

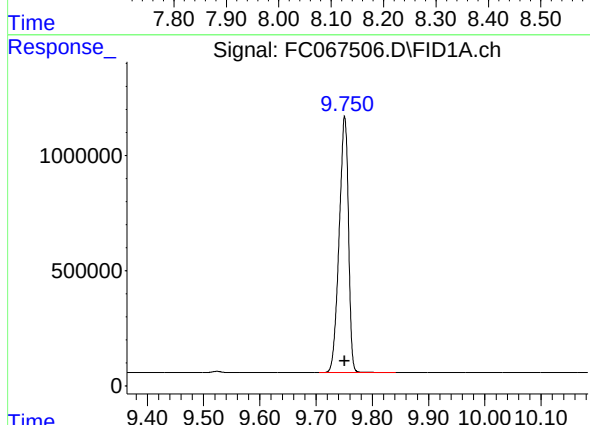
R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 13836866
Conc: 99.33 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



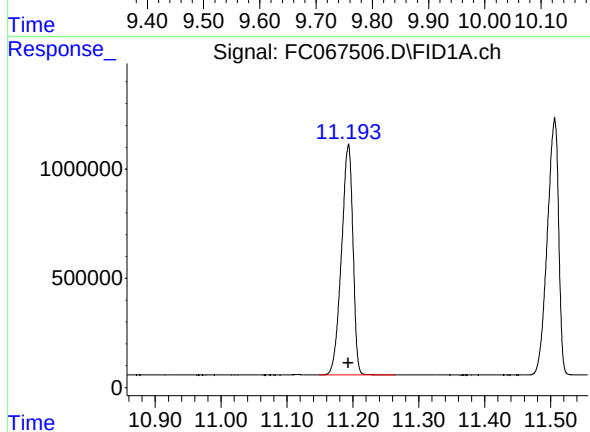
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 12659193
Conc: 98.74 ug/ml



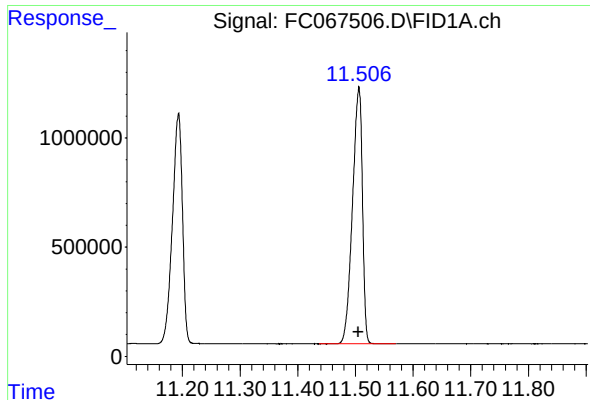
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 12808774
Conc: 99.04 ug/ml



#8 n-Octadecane (C18)

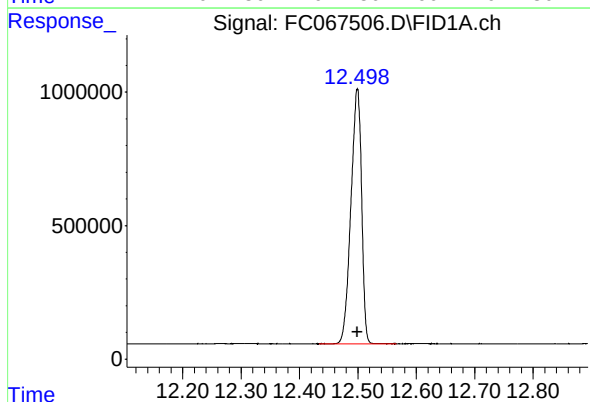
R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 12738874
Conc: 98.79 ug/ml



#9 ortho-Terphenyl (SURR)

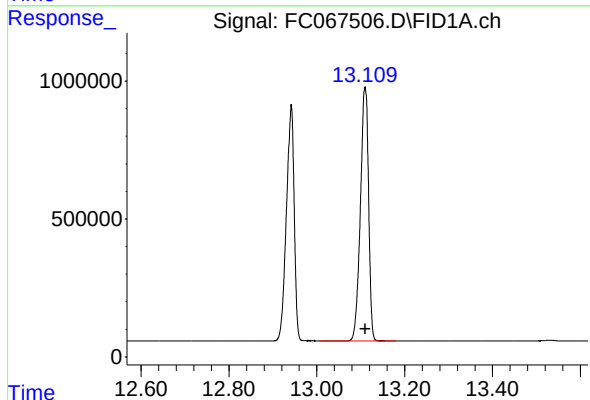
R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 14037783
Conc: 98.63 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



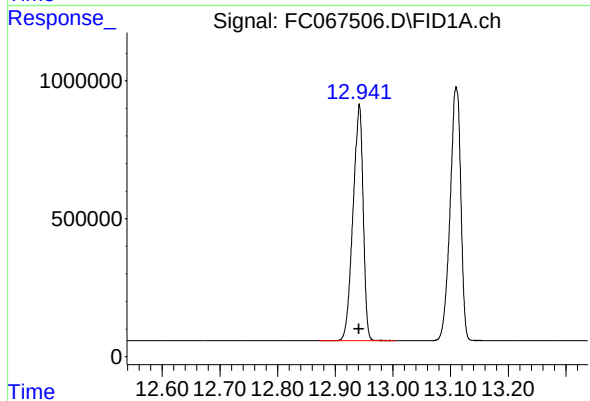
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.000 min
Response: 12105735
Conc: 98.68 ug/ml



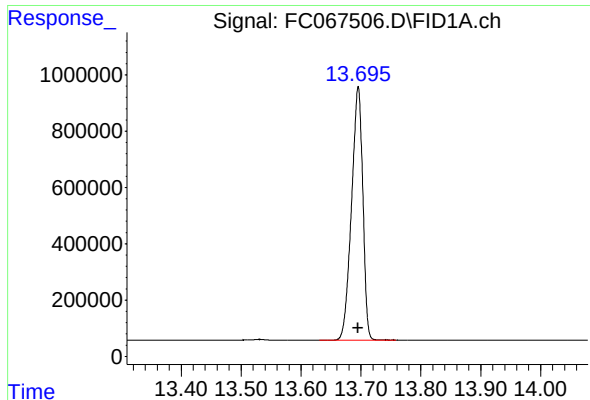
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.000 min
Response: 11868997
Conc: 98.84 ug/ml



#12 1-chlorooctadecane (SURR)

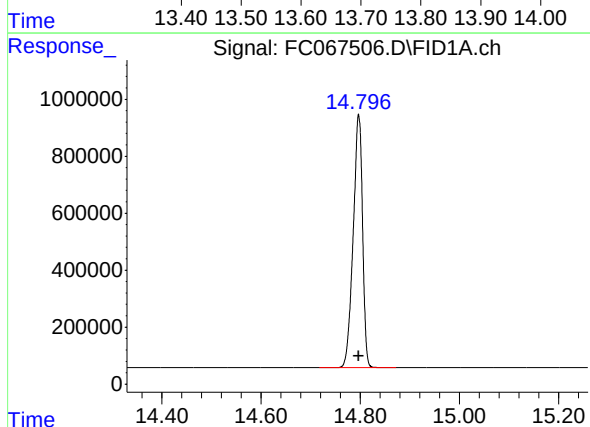
R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 10490435
Conc: 99.22 ug/ml



#13 n-Docosane (C22)

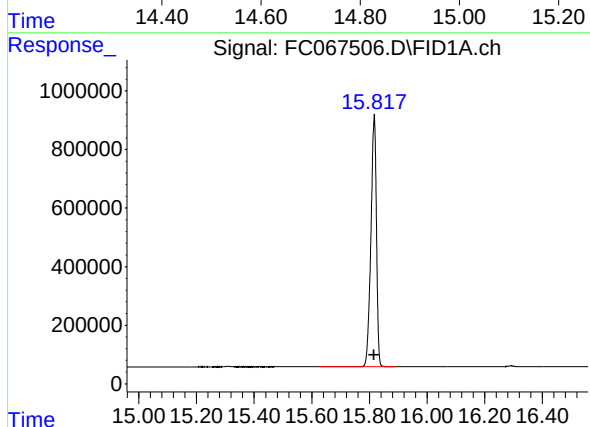
R.T.: 13.695 min
Delta R.T.: 0.000 min
Response: 11751176
Conc: 98.74 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



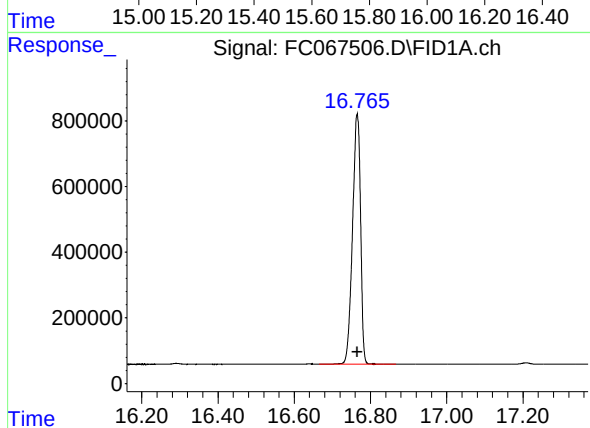
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 11637443
Conc: 98.78 ug/ml



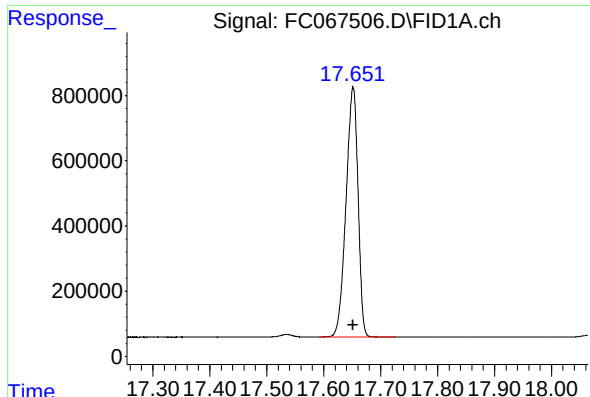
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.000 min
Response: 11410589
Conc: 98.65 ug/ml



#16 n-Octacosane (C28)

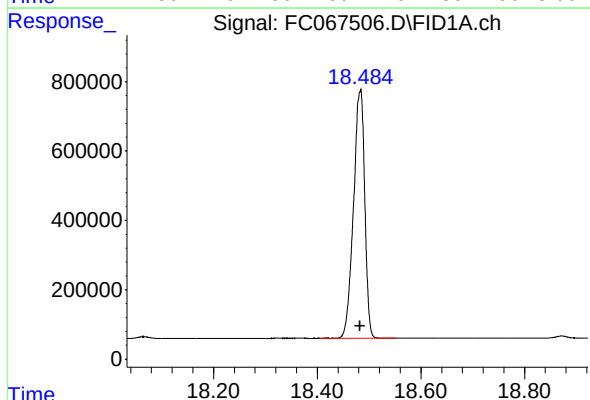
R.T.: 16.765 min
Delta R.T.: 0.000 min
Response: 11146972
Conc: 98.03 ug/ml



#17 n-Tricontane (C30)

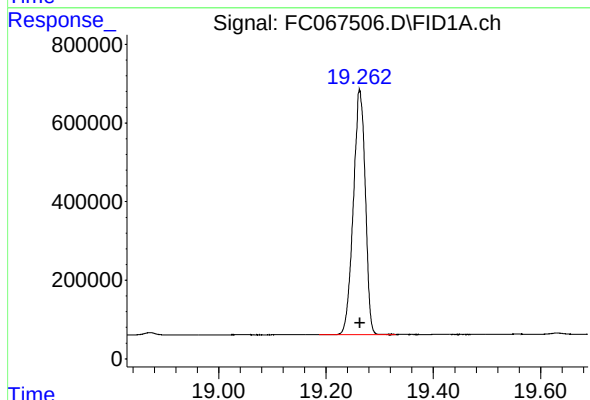
R.T.: 17.651 min
Delta R.T.: 0.000 min
Response: 11224678
Conc: 97.10 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



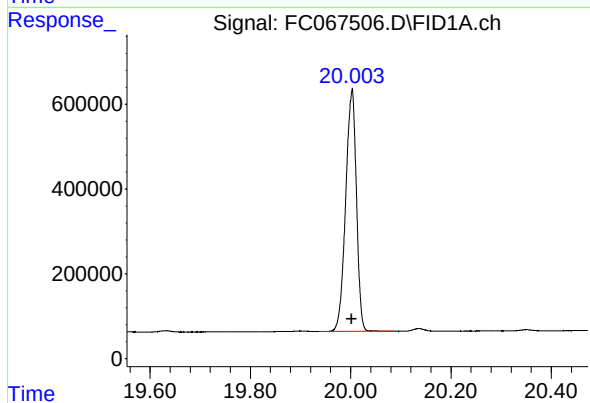
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: 0.000 min
Response: 10806351
Conc: 96.39 ug/ml



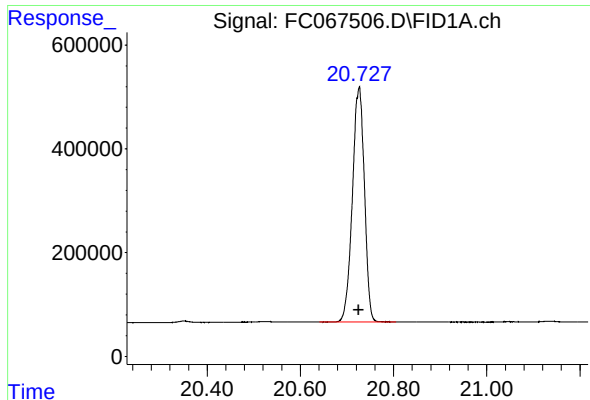
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: 0.000 min
Response: 9619727
Conc: 96.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.002 min
Delta R.T.: 0.000 min
Response: 8494635
Conc: 97.26 ug/ml



#21 n-Octatriacontane (C38)

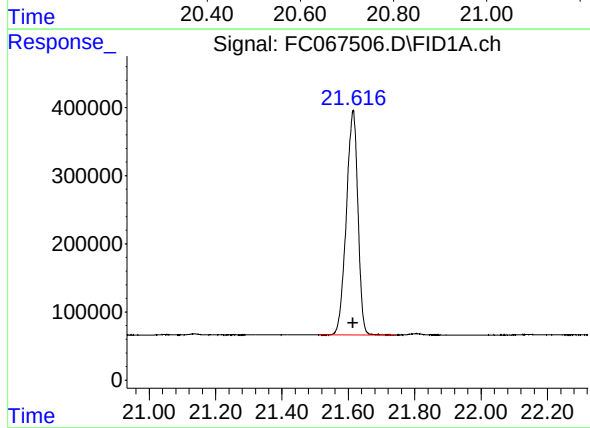
R.T.: 20.726 min
Delta R.T.: 0.000 min
Response: 8112623
Conc: 97.30 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: 0.000 min
Response: 7992636
Conc: 97.52 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067506.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 15:12
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.278	3.245	3.345	BB	1482982	12920314	89.76%	5.044%
2	4.343	4.275	4.414	BB	1378444	13085907	90.91%	5.108%
3	5.922	5.852	6.014	BB	1478546	14394132	100.00%	5.619%
4	6.360	6.300	6.427	BB	1268307	13016771	90.43%	5.081%
5	6.979	6.924	7.094	BV	1345672	13836866	96.13%	5.402%
6	8.152	8.077	8.224	BB	1158926	12659193	87.95%	4.942%
7	9.751	9.705	9.842	BB	1114390	12808774	88.99%	5.000%
8	11.193	11.149	11.265	BV	1059950	12738874	88.50%	4.973%
9	11.506	11.437	11.570	BB	1165644	14037783	97.52%	5.480%
10	12.499	12.434	12.565	BB	956464	12105735	84.10%	4.726%
11	12.941	12.872	13.005	BB	861029	10490435	72.88%	4.095%
12	13.110	13.005	13.180	BB	919632	11868997	82.46%	4.633%
13	13.695	13.630	13.759	BB	900624	11751176	81.64%	4.587%
14	14.797	14.717	14.872	BB	888415	11637443	80.85%	4.543%
15	15.816	15.625	15.892	BB	863938	11410589	79.27%	4.454%
16	16.765	16.665	16.867	BB	761325	11146972	77.44%	4.352%
17	17.651	17.592	17.727	BB	765890	11224678	77.98%	4.382%
18	18.483	18.404	18.552	BB	712666	10806351	75.07%	4.219%
19	19.263	19.187	19.330	BB	619243	9619727	66.83%	3.755%
20	20.002	19.937	20.090	BB	565569	8494635	59.01%	3.316%
21	20.726	20.640	20.805	BB	451489	8112623	56.36%	3.167%
22	21.614	21.512	21.744	BB	329592	7992636	55.53%	3.120%
Sum of corrected areas:						256160611		

Aliphatic EPH 102324.M Wed Oct 23 18:20:49 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102324AL\
 Data File : FC067507.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 15:48
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 23 17:21:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:19:01 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.500	7186867	50.330 ug/ml
Spiked Amount 50.000		Recovery =	100.66%
12) S 1-chlorooctadecane (S...	12.937	5350584	50.403 ug/ml
Spiked Amount 50.000		Recovery =	100.81%
Target Compounds			
1) T n-Nonane (C9)	3.275	6596270	50.122 ug/ml
2) T n-Decane (C10)	4.340	6686022	50.181 ug/ml
3) T A~Naphthalene (C11.7)	5.918	7350672	50.344 ug/ml
4) T n-Dodecane (C12)	6.356	6650893	50.202 ug/ml
5) T A~2-methylnaphthalene...	6.974	7049073	50.402 ug/ml
6) T n-Tetradecane (C14)	8.149	6466785	50.292 ug/ml
7) T n-Hexadecane (C16)	9.747	6523849	50.293 ug/ml
8) T n-Octadecane (C18)	11.188	6511575	50.329 ug/ml
10) T n-Eicosane (C20)	12.495	6199533	50.355 ug/ml
11) T n-Heneicosane (C21)	13.105	6071593	50.372 ug/ml
13) T n-Docosane (C22)	13.691	6022373	50.399 ug/ml
14) T n-Tetracosane (C24)	14.793	5967985	50.435 ug/ml
15) T n-Hexacosane (C26)	15.812	5860085	50.441 ug/ml
16) T n-Octacosane (C28)	16.761	5758647	50.429 ug/ml
17) T n-Tricontane (C30)	17.647	5830292	50.290 ug/ml
18) T n-Dotriacontane (C32)	18.477	5634053	50.168 ug/ml
19) T n-Tetratriacontane (C34)	19.260	5024380	50.251 ug/ml
20) T n-Hexatriacontane (C36)	19.998	4430530	50.483 ug/ml
21) T n-Octatriacontane (C38)	20.720	4230730	50.491 ug/ml
22) T n-Tetracontane (C40)	21.606	4166615	50.557 ug/ml

(f)=RT Delta > 1/2 Window

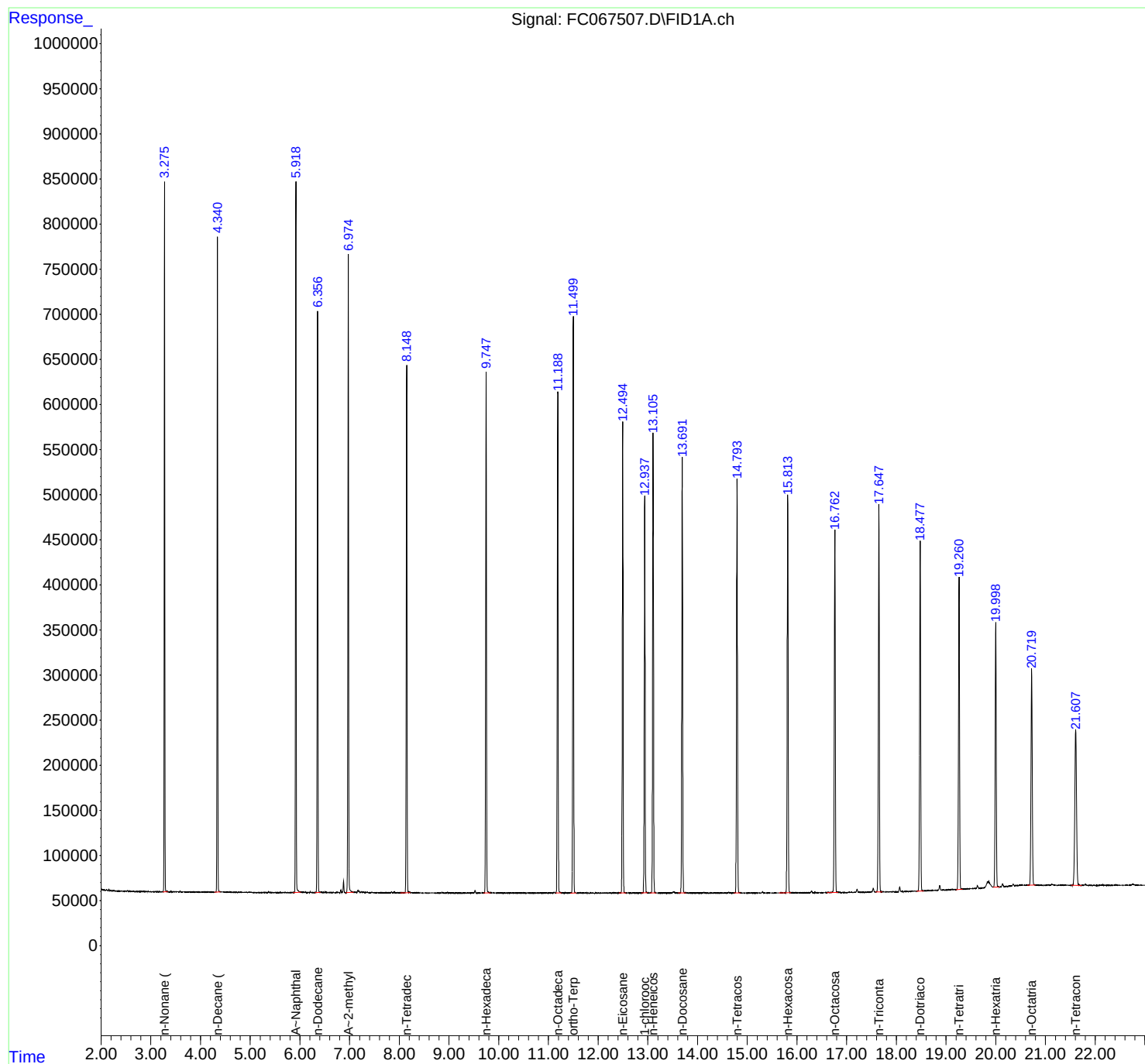
(m)=manual int.

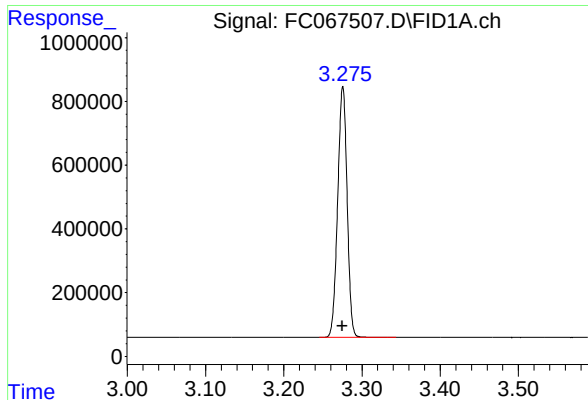
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067507.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 15:48
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 23 17:21:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 17:19:01 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

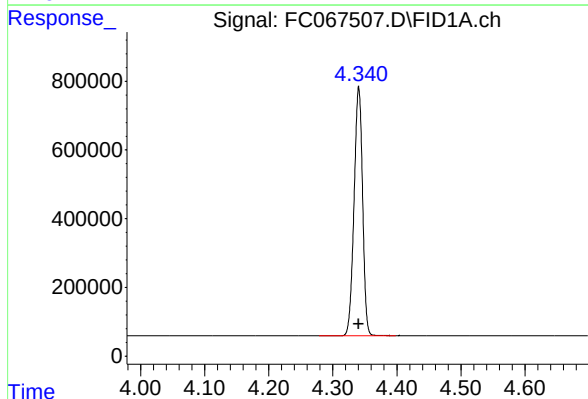




#1 n-Nonane (C9)

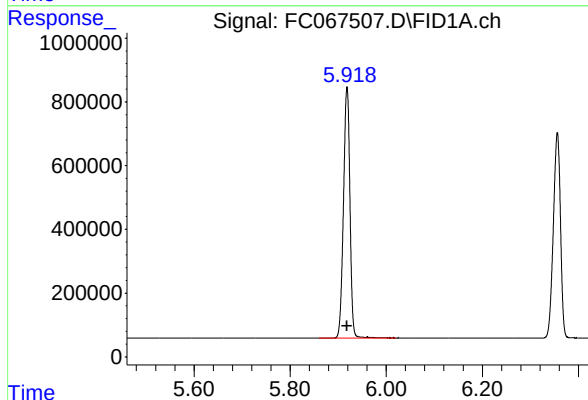
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 6596270
Conc: 50.12 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



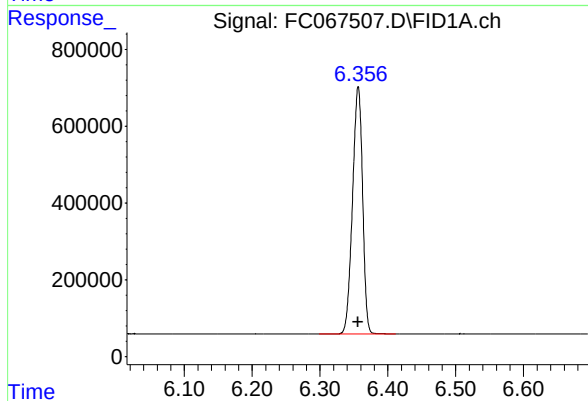
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 6686022
Conc: 50.18 ug/ml



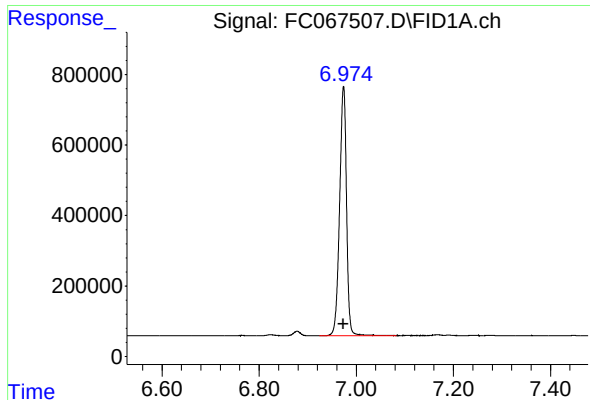
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 7350672
Conc: 50.34 ug/ml



#4 n-Dodecane (C12)

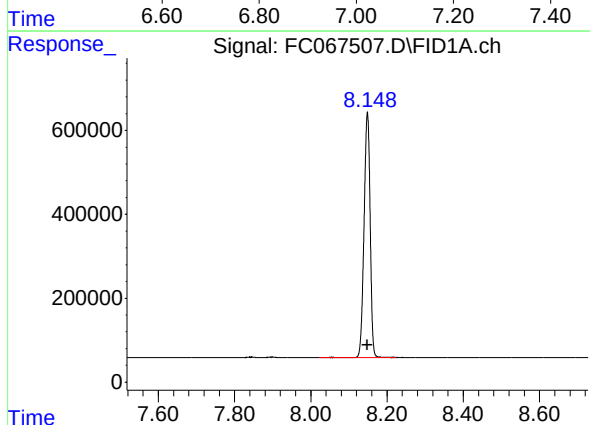
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 6650893
Conc: 50.20 ug/ml



#5 A~2-methylnaphthalene (C12.89)

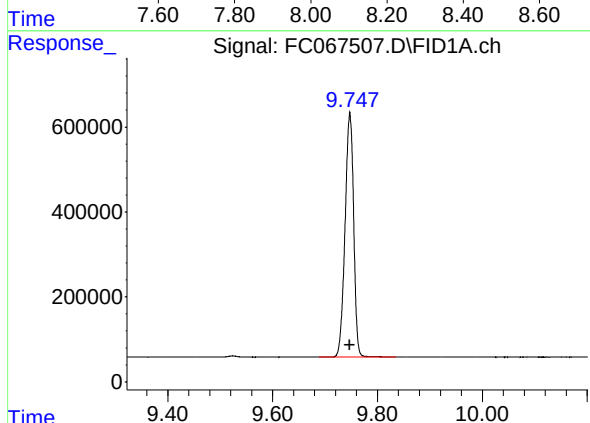
R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 7049073
Conc: 50.40 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



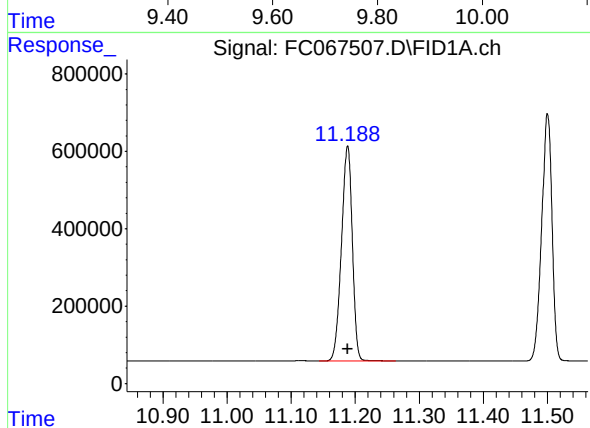
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 6466785
Conc: 50.29 ug/ml



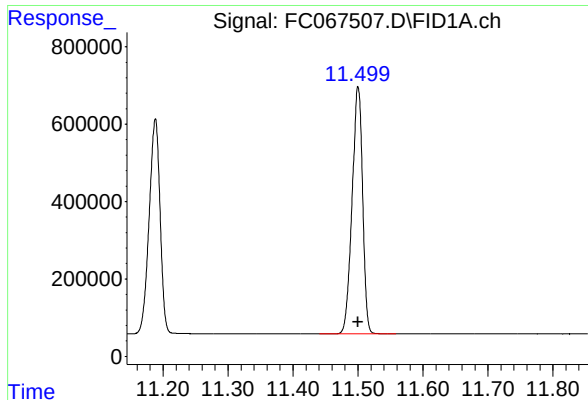
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.000 min
Response: 6523849
Conc: 50.29 ug/ml



#8 n-Octadecane (C18)

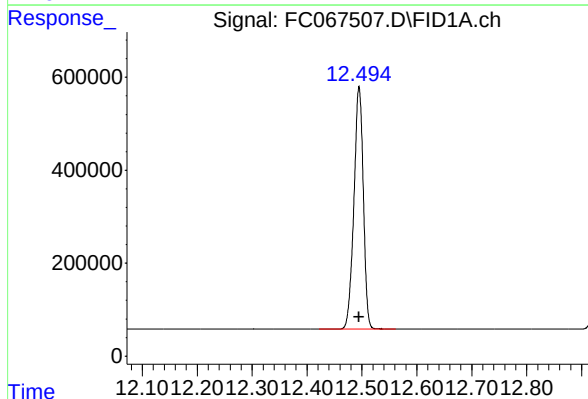
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 6511575
Conc: 50.33 ug/ml



#9 ortho-Terphenyl (SURR)

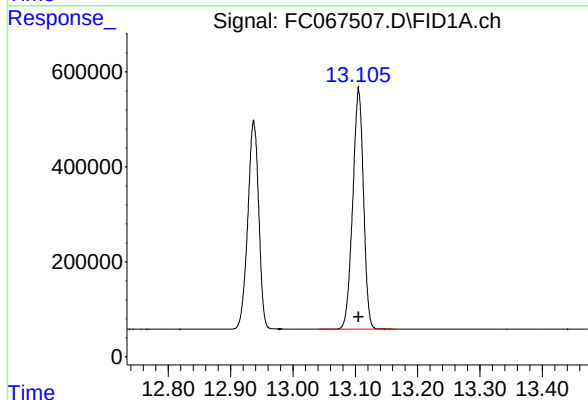
R.T.: 11.500 min
Delta R.T.: 0.000 min
Response: 7186867
Conc: 50.33 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



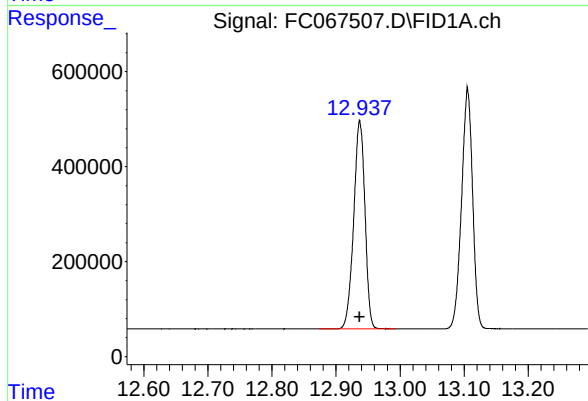
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.000 min
Response: 6199533
Conc: 50.36 ug/ml



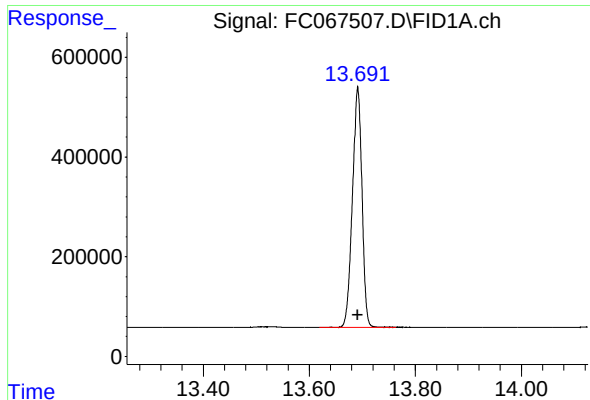
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 6071593
Conc: 50.37 ug/ml



#12 1-chlorooctadecane (SURR)

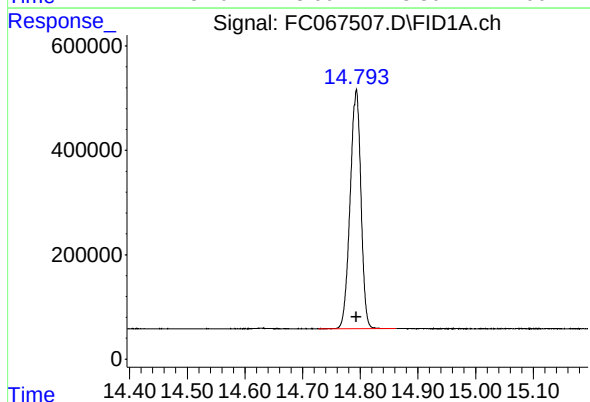
R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 5350584
Conc: 50.40 ug/ml



#13 n-Docosane (C22)

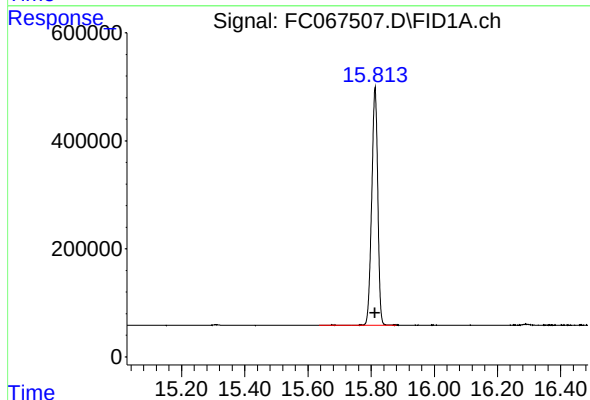
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 6022373
Conc: 50.40 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



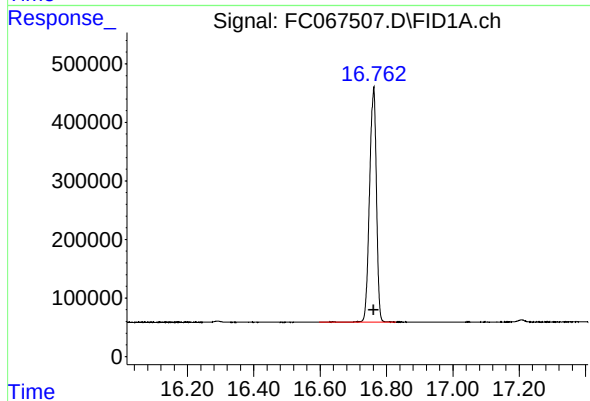
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.000 min
Response: 5967985
Conc: 50.43 ug/ml



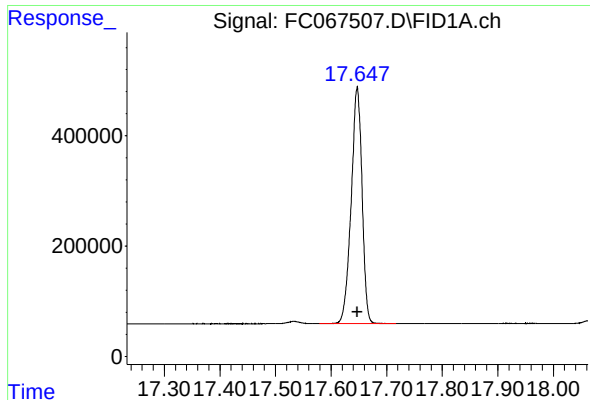
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.000 min
Response: 5860085
Conc: 50.44 ug/ml



#16 n-Octacosane (C28)

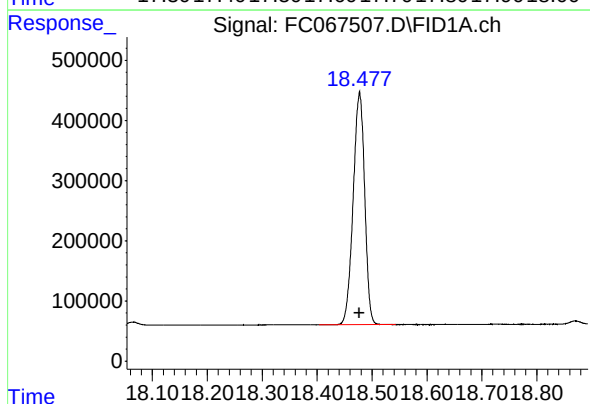
R.T.: 16.761 min
Delta R.T.: 0.000 min
Response: 5758647
Conc: 50.43 ug/ml



#17 n-Tricontane (C30)

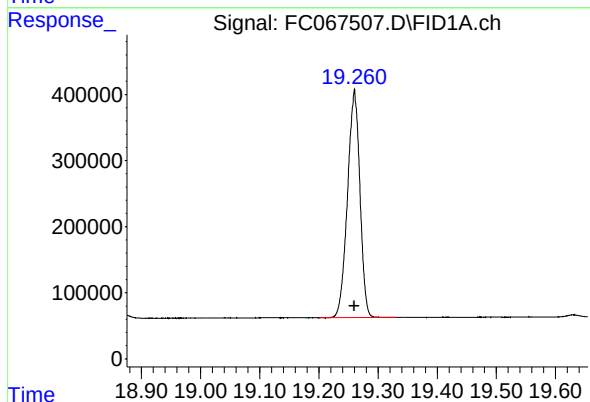
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 5830292
Conc: 50.29 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



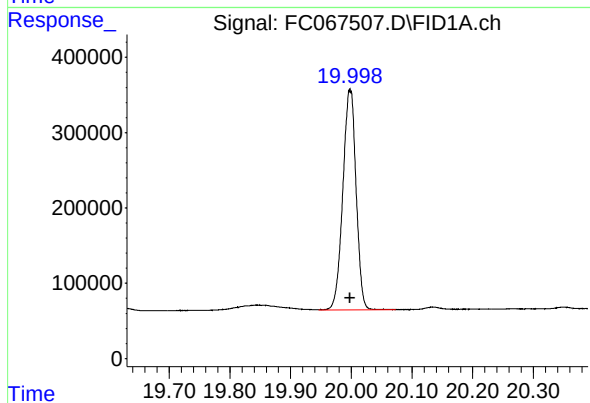
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 5634053
Conc: 50.17 ug/ml



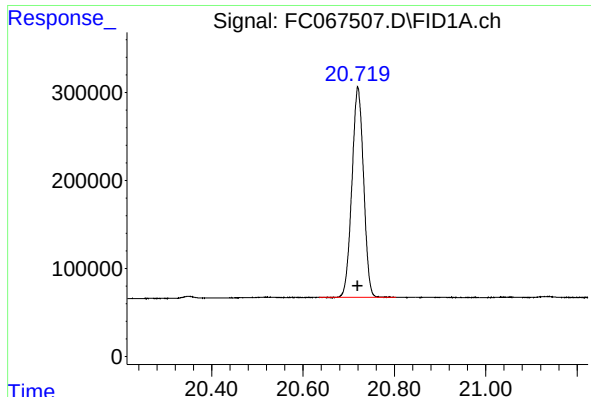
#19 n-Tetatriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 5024380
Conc: 50.25 ug/ml



#20 n-Hexatriacontane (C36)

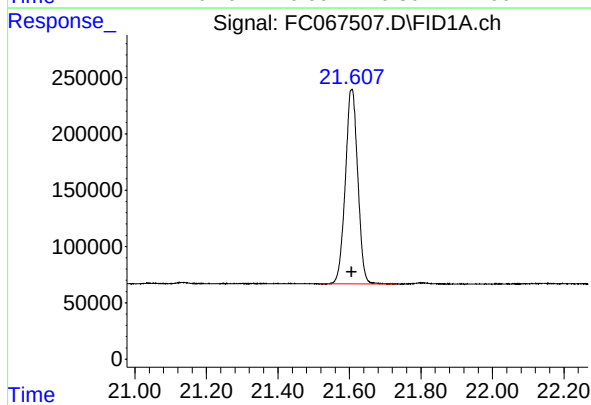
R.T.: 19.998 min
Delta R.T.: 0.000 min
Response: 4430530
Conc: 50.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.000 min
Response: 4230730
Conc: 50.49 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: 0.000 min
Response: 4166615
Conc: 50.56 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067507.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 15:48
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.275	3.245	3.343	BB	787475	6596270	89.74%	5.014%
2	4.340	4.278	4.398	BB	725048	6686022	90.96%	5.082%
3	5.918	5.860	6.020	BB	788107	7350672	100.00%	5.587%
4	6.356	6.298	6.412	BB	647440	6650893	90.48%	5.055%
5	6.974	6.923	7.082	BB	708667	7049073	95.90%	5.358%
6	8.149	8.022	8.223	BB	584678	6466785	87.98%	4.915%
7	9.747	9.688	9.835	BB	574143	6523849	88.75%	4.958%
8	11.188	11.143	11.263	BB	557552	6511575	88.58%	4.949%
9	11.500	11.440	11.558	BB	638489	7186867	97.77%	5.462%
10	12.495	12.422	12.562	BB	521546	6199533	84.34%	4.712%
11	12.937	12.873	12.993	BB	438883	5350584	72.79%	4.067%
12	13.105	13.042	13.165	BB	507791	6071593	82.60%	4.615%
13	13.691	13.618	13.763	BB	482823	6022373	81.93%	4.577%
14	14.793	14.728	14.862	BB	460497	5967985	81.19%	4.536%
15	15.812	15.635	15.878	BB	438034	5860085	79.72%	4.454%
16	16.761	16.597	16.828	BB	395517	5758647	78.34%	4.377%
17	17.647	17.578	17.717	BB	427620	5830292	79.32%	4.431%
18	18.477	18.403	18.543	BB	385150	5634053	76.65%	4.282%
19	19.260	19.200	19.330	BB	345032	5024380	68.35%	3.819%
20	19.998	19.947	20.073	VB	291698	4430530	60.27%	3.367%
21	20.720	20.635	20.803	BB	239127	4230730	57.56%	3.216%
22	21.606	21.515	21.730	BB	172709	4166615	56.68%	3.167%

Sum of corrected areas: 131569405

Aliphatic EPH 102324.M Wed Oct 23 18:21:16 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
 Data File : FC067508.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 16:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 23 17:17:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:16:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.496	2885453	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.935	2131037	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.275	2673666	20.000 ug/ml
2) T n-Decane (C10)	4.339	2702691	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2941492	20.000 ug/ml
4) T n-Dodecane (C12)	6.354	2685213	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.971	2804469	20.000 ug/ml
6) T n-Tetradecane (C14)	8.146	2596600	20.000 ug/ml
7) T n-Hexadecane (C16)	9.745	2611645	20.000 ug/ml
8) T n-Octadecane (C18)	11.185	2610385	20.000 ug/ml
10) T n-Eicosane (C20)	12.492	2486010	20.000 ug/ml
11) T n-Heneicosane (C21)	13.103	2429615	20.000 ug/ml
13) T n-Docosane (C22)	13.688	2410406	20.000 ug/ml
14) T n-Tetracosane (C24)	14.790	2385181	20.000 ug/ml
15) T n-Hexacosane (C26)	15.809	2344463	20.000 ug/ml
16) T n-Octacosane (C28)	16.757	2318777	20.000 ug/ml
17) T n-Tricontane (C30)	17.644	2378909	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.475	2323289	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.258	2065430	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.995	1794670	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.718	1712685	20.000 ug/ml
22) T n-Tetracontane (C40)	21.604	1679680	20.000 ug/ml

(f)=RT Delta > 1/2 Window

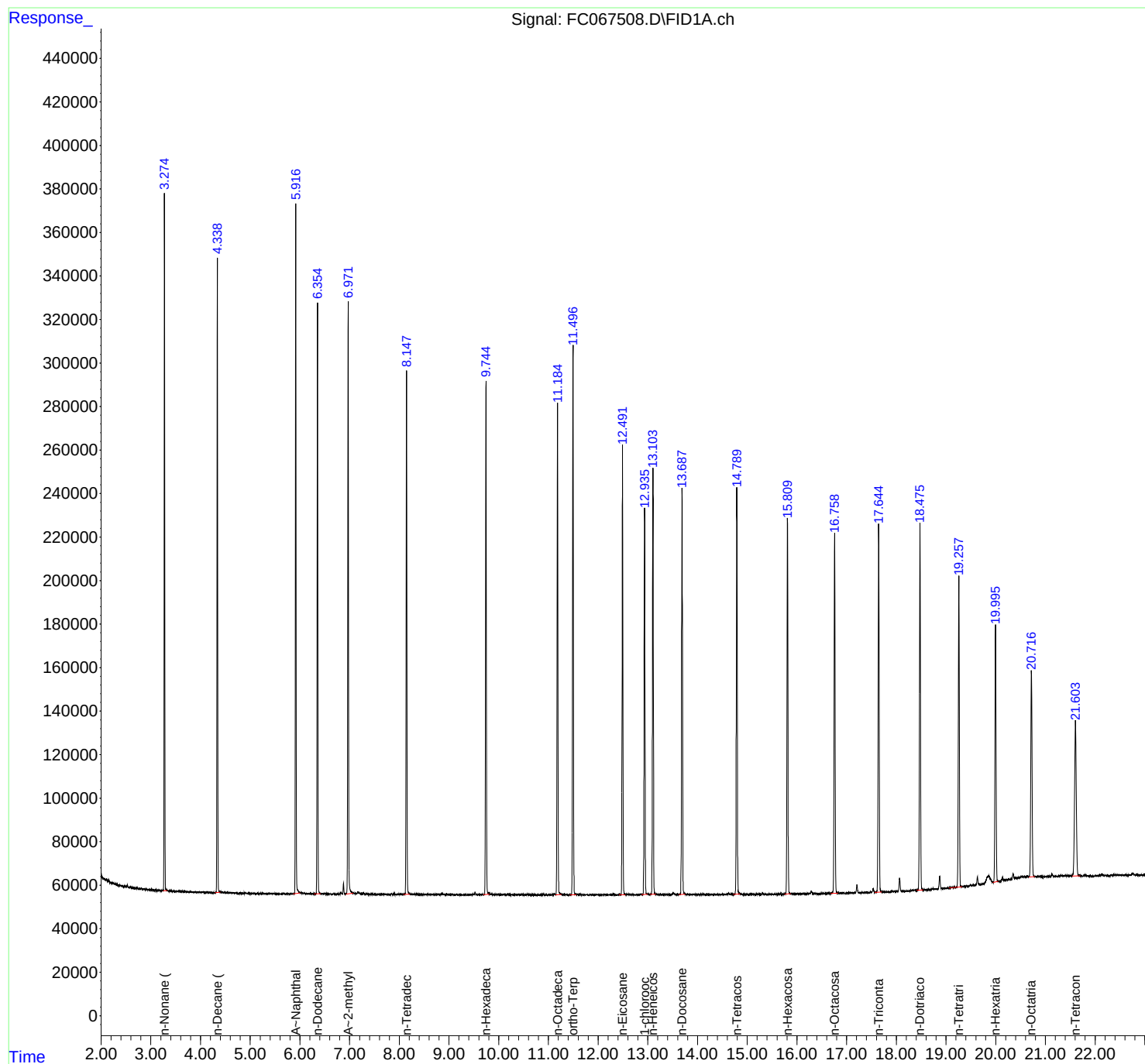
(m)=manual int.

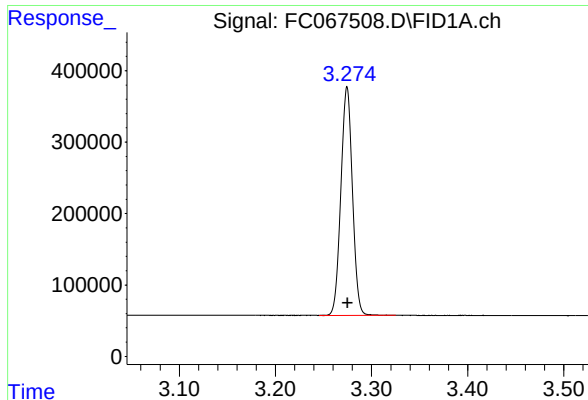
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067508.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 16:25
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 23 17:17:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 17:16:59 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

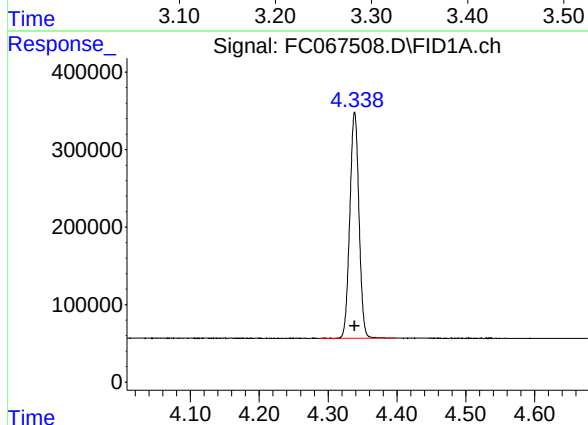




#1 n-Nonane (C9)

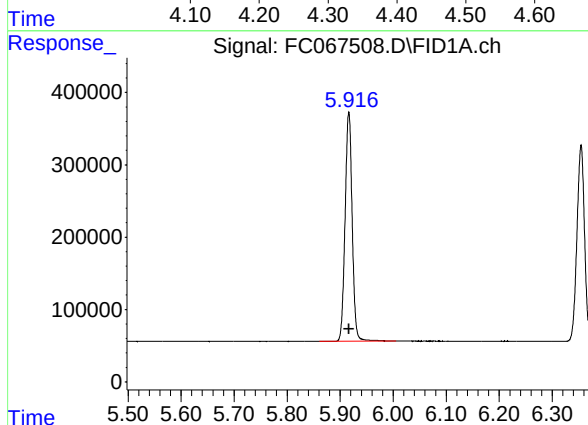
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 2673666
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



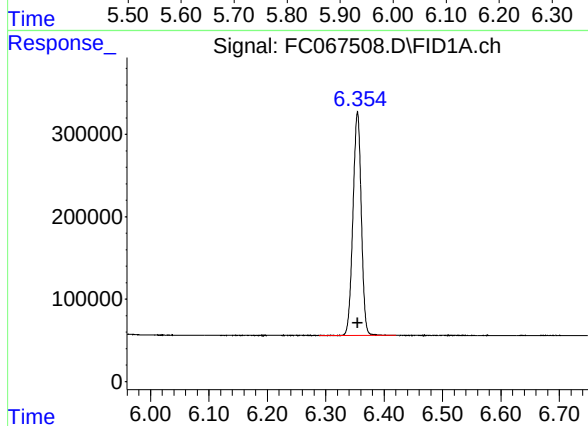
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 2702691
Conc: 20.00 ug/ml



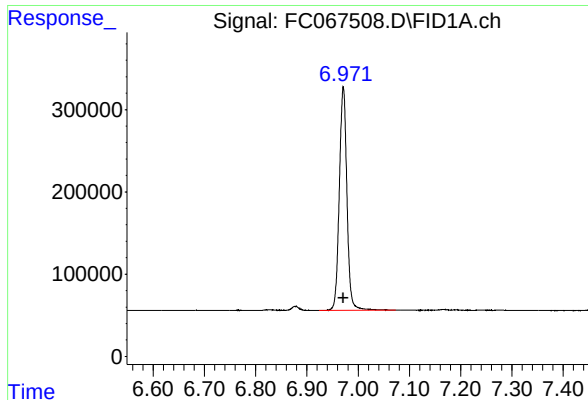
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 2941492
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

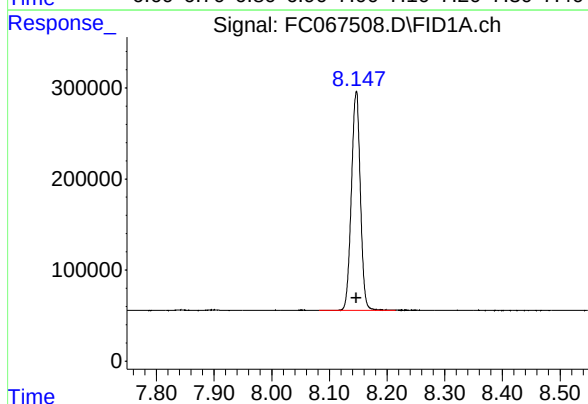
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2685213
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

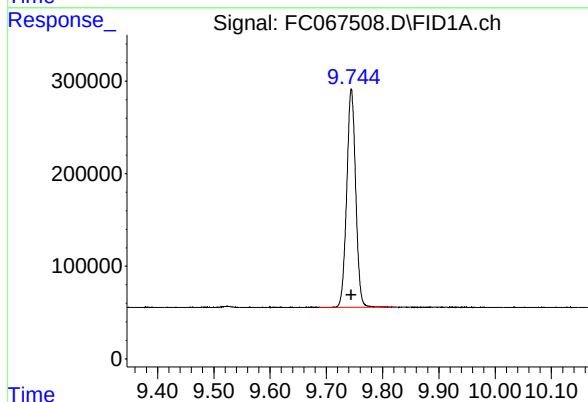
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 2804469
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



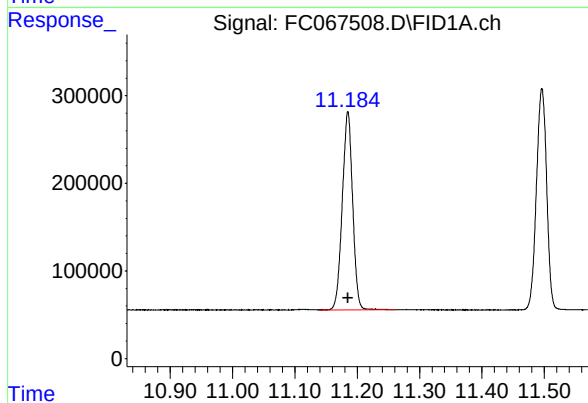
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2596600
Conc: 20.00 ug/ml



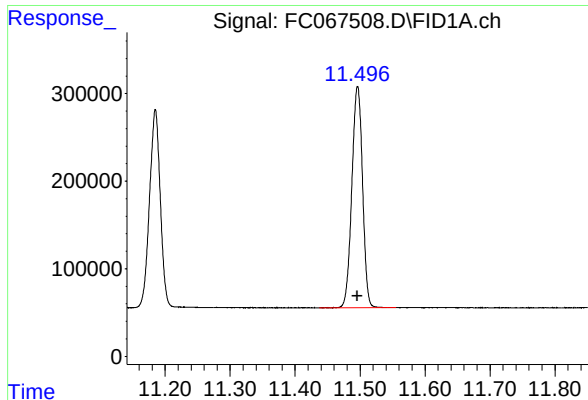
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2611645
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

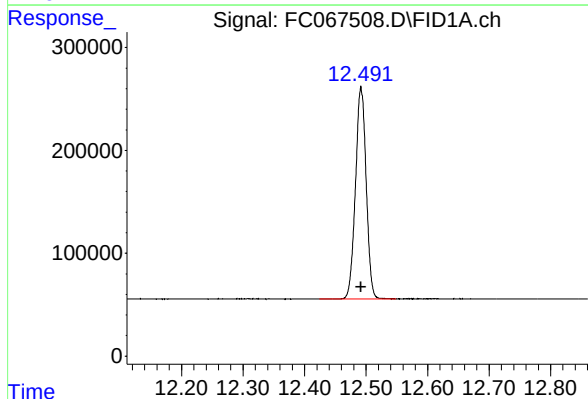
R.T.: 11.185 min
Delta R.T.: 0.000 min
Response: 2610385
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

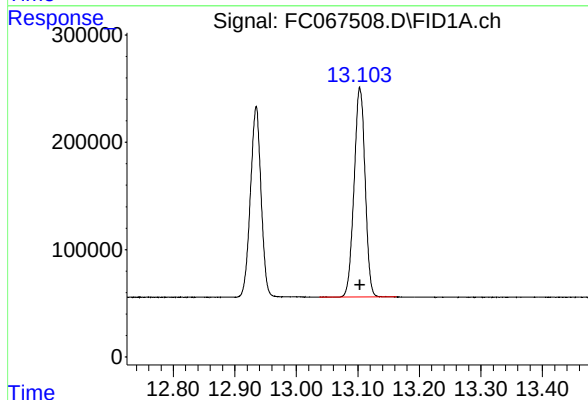
R.T.: 11.496 min
Delta R.T.: 0.000 min
Response: 2885453
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



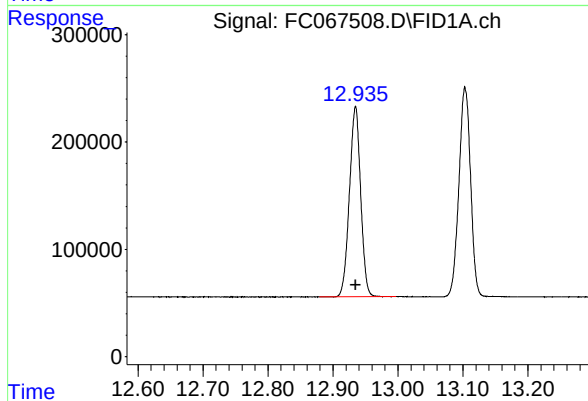
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 2486010
Conc: 20.00 ug/ml



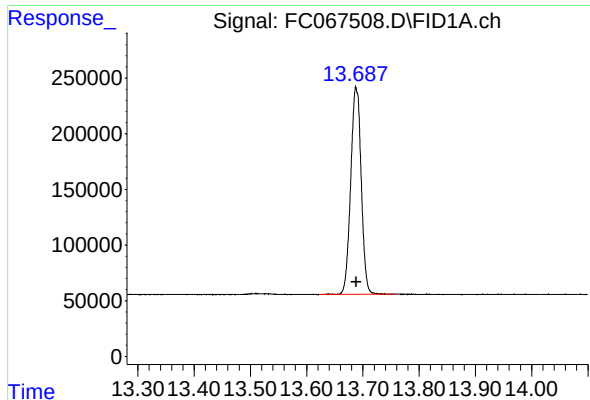
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 2429615
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

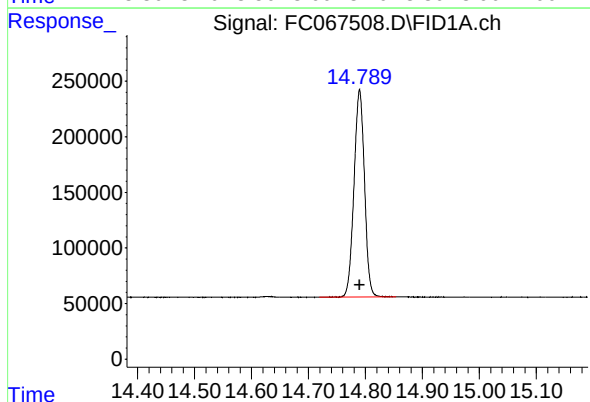
R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 2131037
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

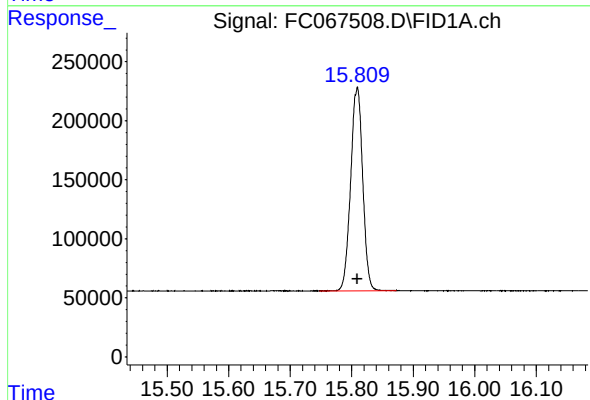
R.T.: 13.688 min
Delta R.T.: 0.000 min
Response: 2410406
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



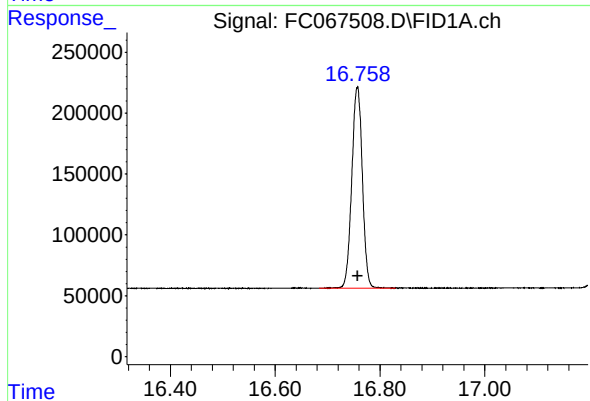
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 2385181
Conc: 20.00 ug/ml



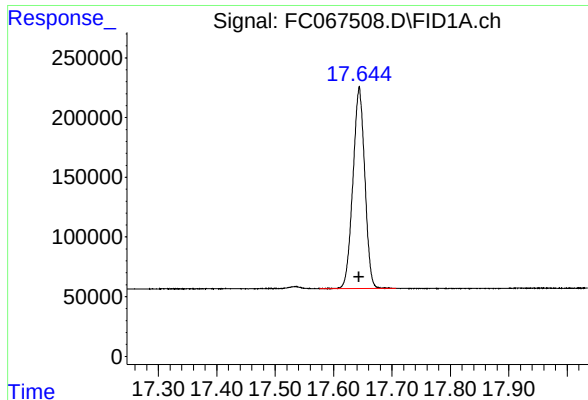
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.000 min
Response: 2344463
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

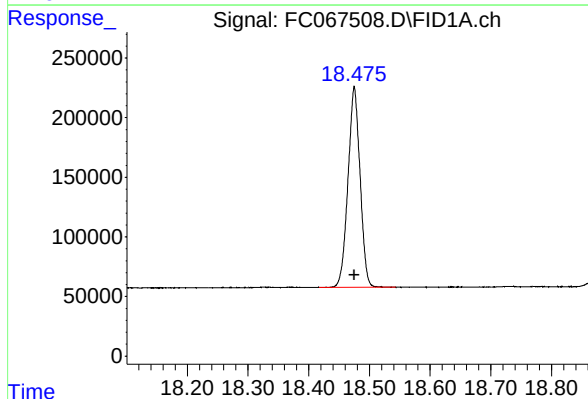
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 2318777
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

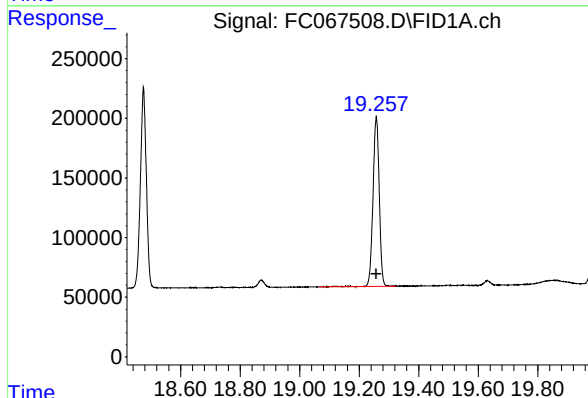
R.T.: 17.644 min
Delta R.T.: 0.000 min
Response: 2378909
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



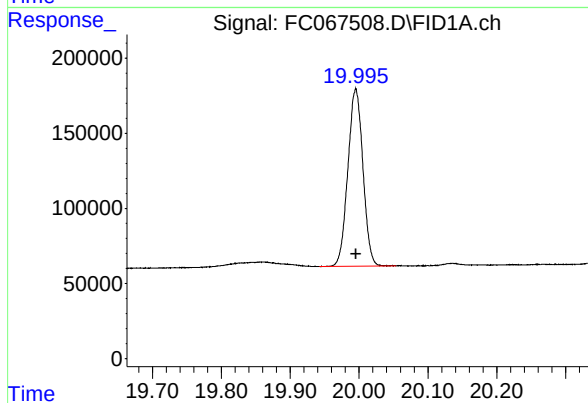
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 2323289
Conc: 20.00 ug/ml



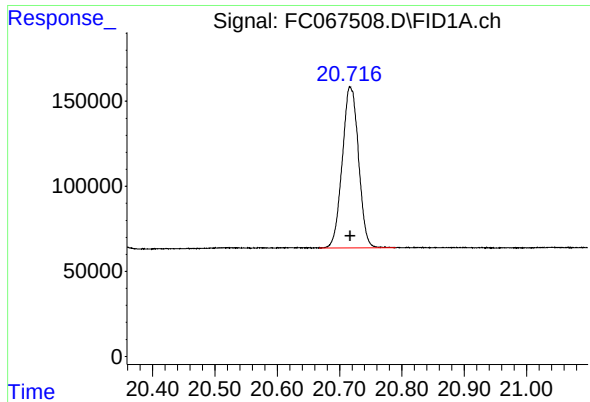
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.000 min
Response: 2065430
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

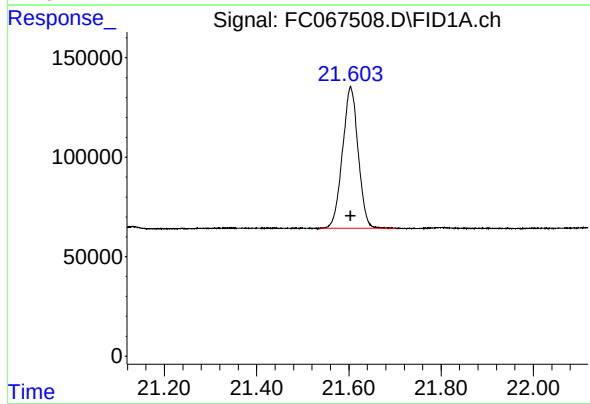
R.T.: 19.995 min
Delta R.T.: 0.000 min
Response: 1794670
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.000 min
Response: 1712685
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: 0.000 min
Response: 1679680
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067508.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 16:25
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.275	3.245	3.325	BB	321230	2673666	90.89%	5.047%
2	4.339	4.287	4.399	BB	291890	2702691	91.88%	5.102%
3	5.916	5.860	6.005	BB	318035	2941492	100.00%	5.553%
4	6.354	6.289	6.420	BB	270407	2685213	91.29%	5.069%
5	6.971	6.924	7.074	BB	271627	2804469	95.34%	5.294%
6	8.146	8.082	8.215	BB	241446	2596600	88.27%	4.902%
7	9.745	9.687	9.824	BB	236243	2611645	88.79%	4.930%
8	11.185	11.139	11.262	BB	226739	2610385	88.74%	4.928%
9	11.496	11.437	11.555	BB	253146	2885453	98.09%	5.447%
10	12.492	12.424	12.549	BB	205716	2486010	84.52%	4.693%
11	12.935	12.879	12.997	BB	178352	2131037	72.45%	4.023%
12	13.103	13.037	13.162	BB	194305	2429615	82.60%	4.587%
13	13.688	13.622	13.759	BB	184039	2410406	81.95%	4.550%
14	14.790	14.719	14.854	BB	186782	2385181	81.09%	4.503%
15	15.809	15.747	15.872	BB	171744	2344463	79.70%	4.426%
16	16.757	16.684	16.830	BB	165164	2318777	78.83%	4.377%
17	17.644	17.575	17.707	BB	168160	2378909	80.87%	4.491%
18	18.475	18.417	18.544	BB	168488	2323289	78.98%	4.386%
19	19.258	19.065	19.324	BB	141960	2065430	70.22%	3.899%
20	19.995	19.942	20.054	PB	118336	1794670	61.01%	3.388%
21	20.718	20.667	20.790	BB	94381	1712685	58.23%	3.233%
22	21.604	21.535	21.702	BB	71304	1679680	57.10%	3.171%
Sum of corrected areas:						52971767		

Aliphatic EPH 102324.M Wed Oct 23 18:21:40 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
 Data File : FC067509.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 17:02
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 23 17:42:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:42:09 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.495	1516253	10.457 ug/ml
Spiked Amount 50.000		Recovery =	20.91%
12) S 1-chlorooctadecane (S...	12.934	1104370	10.299 ug/ml
Spiked Amount 50.000		Recovery =	20.60%
Target Compounds			
1) T n-Nonane (C9)	3.274	1392325	10.429 ug/ml
2) T n-Decane (C10)	4.338	1408883	10.425 ug/ml
3) T A~Naphthalene (C11.7)	5.916	1523229	10.321 ug/ml
4) T n-Dodecane (C12)	6.353	1397121	10.404 ug/ml
5) T A~2-methylnaphthalene...	6.971	1445653	10.250 ug/ml
6) T n-Tetradecane (C14)	8.146	1348794	10.363 ug/ml
7) T n-Hexadecane (C16)	9.744	1353251	10.321 ug/ml
8) T n-Octadecane (C18)	11.184	1362847	10.395 ug/ml
10) T n-Eicosane (C20)	12.491	1299257	10.409 ug/ml
11) T n-Heneicosane (C21)	13.102	1272574	10.413 ug/ml
13) T n-Docosane (C22)	13.687	1260218	10.404 ug/ml
14) T n-Tetracosane (C24)	14.789	1251574	10.427 ug/ml
15) T n-Hexacosane (C26)	15.808	1226594	10.413 ug/ml
16) T n-Octacosane (C28)	16.756	1213286	10.461 ug/ml
17) T n-Tricontane (C30)	17.643	1249088	10.570 ug/ml
18) T n-Dotriacontane (C32)	18.474	1225099	10.667 ug/ml
19) T n-Tetratriacontane (C34)	19.257	1087201	10.641 ug/ml
20) T n-Hexatriacontane (C36)	19.995	941330	10.535 ug/ml
21) T n-Octatriacontane (C38)	20.719	898154	10.530 ug/ml
22) T n-Tetracontane (C40)	21.604	882650	10.523 ug/ml

(f)=RT Delta > 1/2 Window

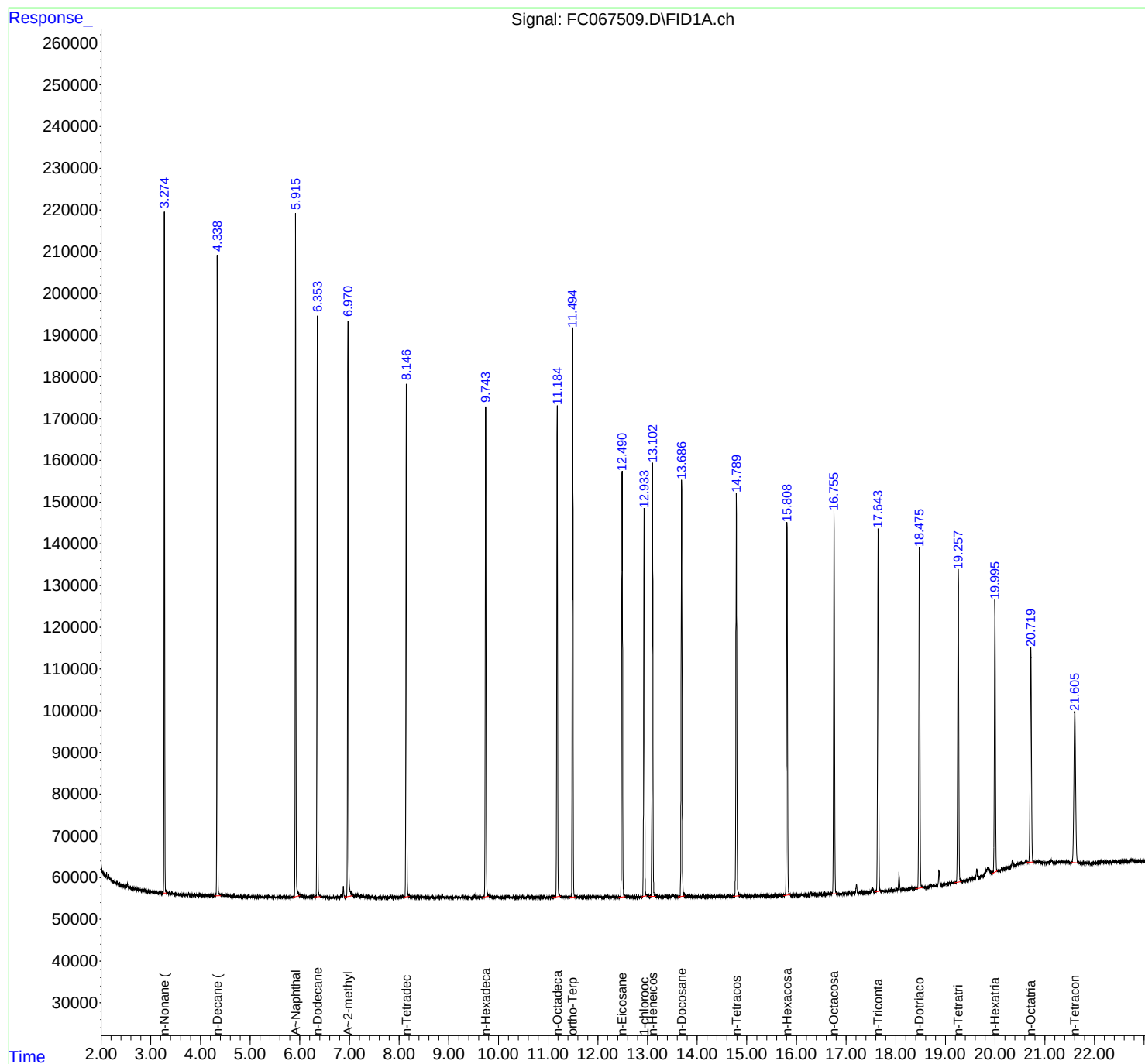
(m)=manual int.

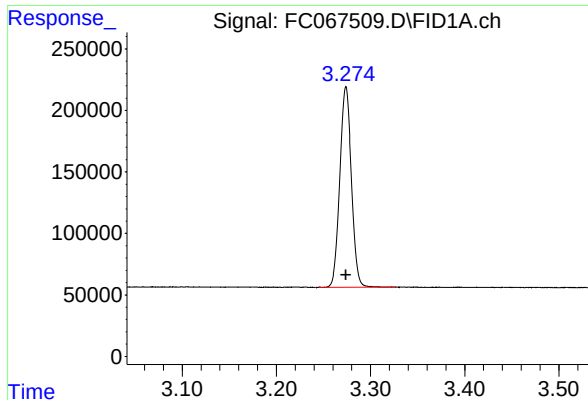
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067509.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 17:02
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 23 17:42:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 17:42:09 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

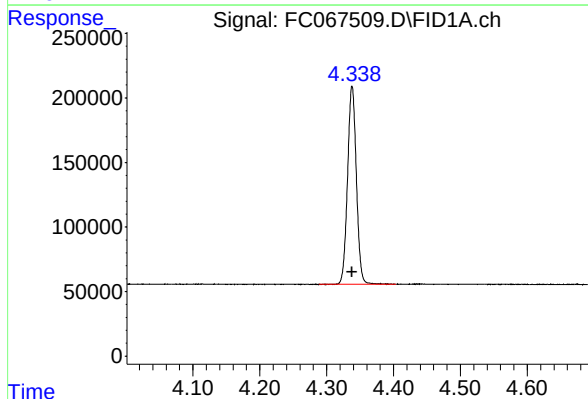




#1 n-Nonane (C9)

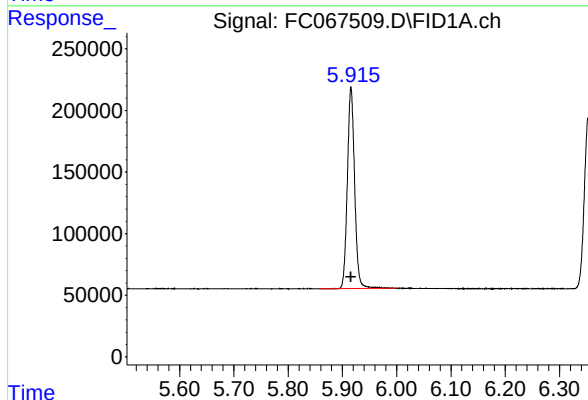
R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 1392325
Conc: 10.43 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



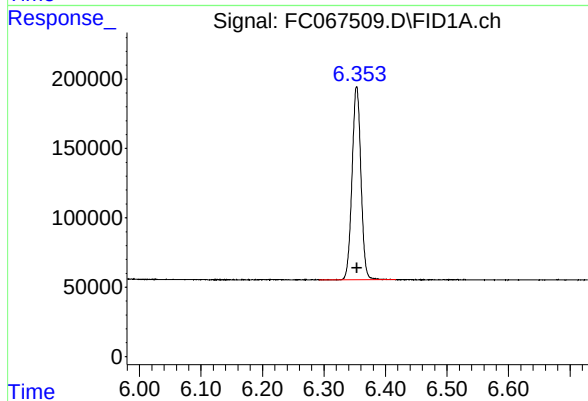
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 1408883
Conc: 10.42 ug/ml



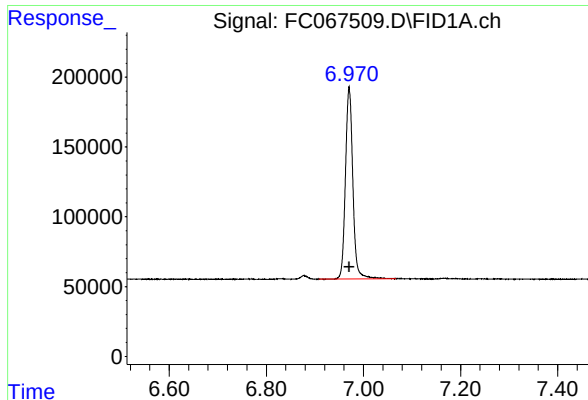
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 1523229
Conc: 10.32 ug/ml



#4 n-Dodecane (C12)

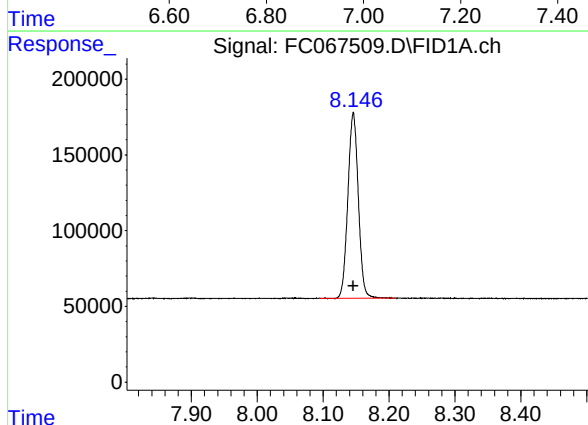
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 1397121
Conc: 10.40 ug/ml



#5 A~2-methylnaphthalene (C12.89)

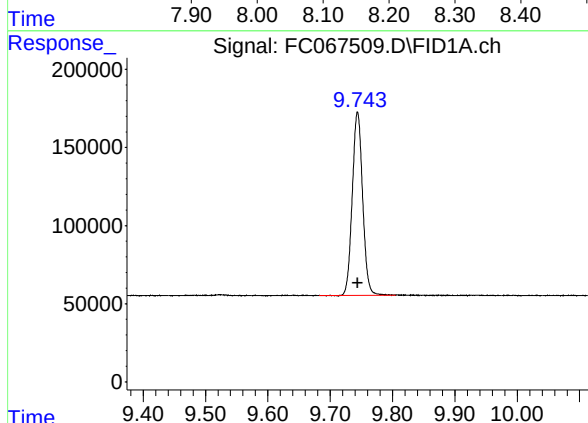
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 1445653
Conc: 10.25 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



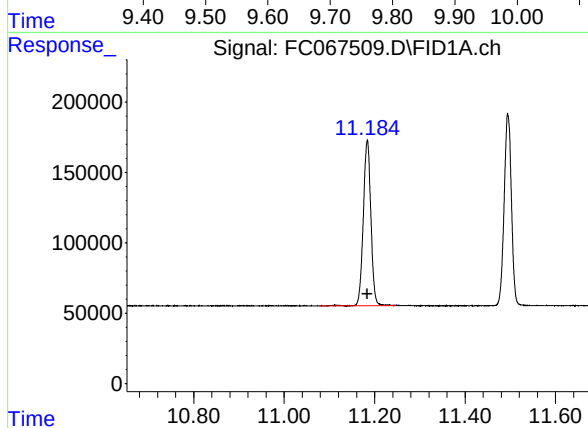
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 1348794
Conc: 10.36 ug/ml



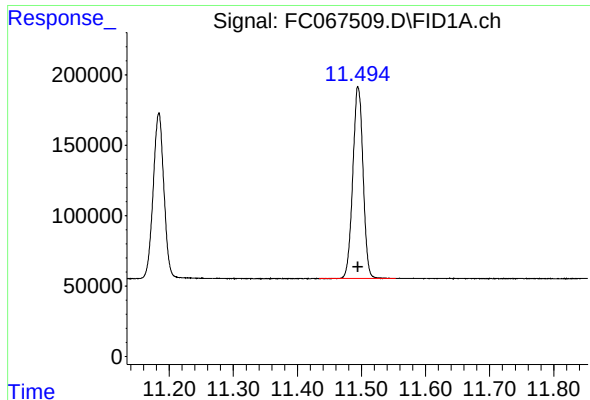
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 1353251
Conc: 10.32 ug/ml



#8 n-Octadecane (C18)

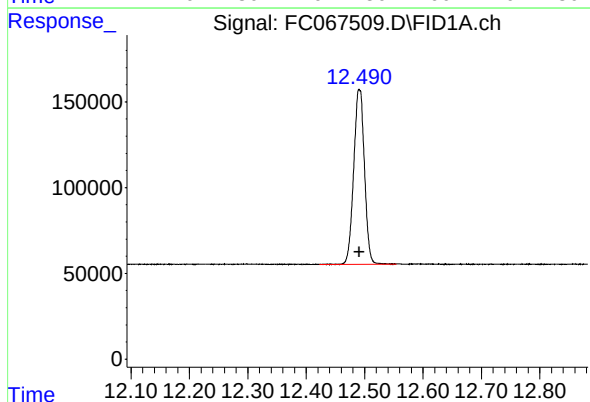
R.T.: 11.184 min
Delta R.T.: 0.000 min
Response: 1362847
Conc: 10.39 ug/ml



#9 ortho-Terphenyl (SURR)

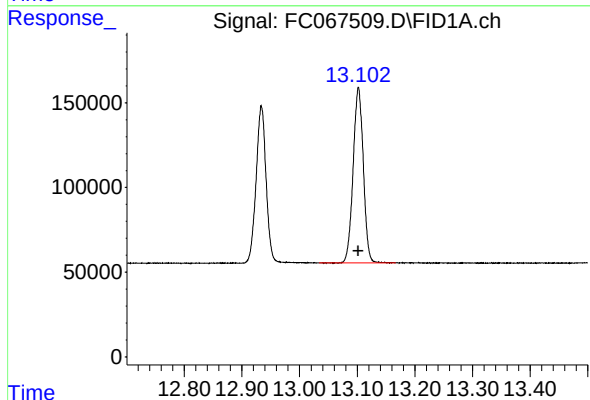
R.T.: 11.495 min
Delta R.T.: 0.000 min
Response: 1516253
Conc: 10.46 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



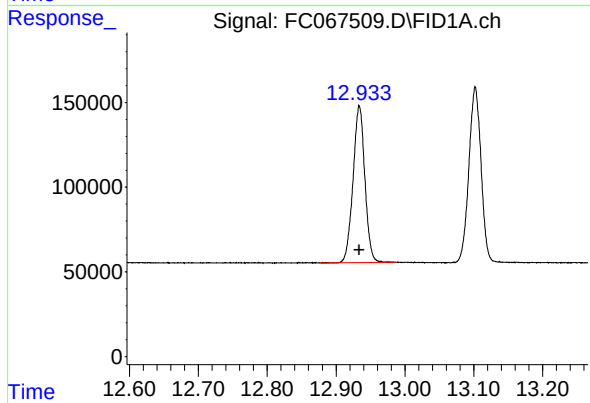
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 1299257
Conc: 10.41 ug/ml



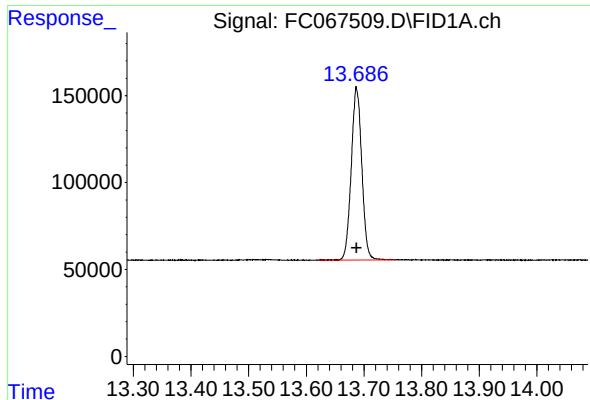
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 1272574
Conc: 10.41 ug/ml



#12 1-chlorooctadecane (SURR)

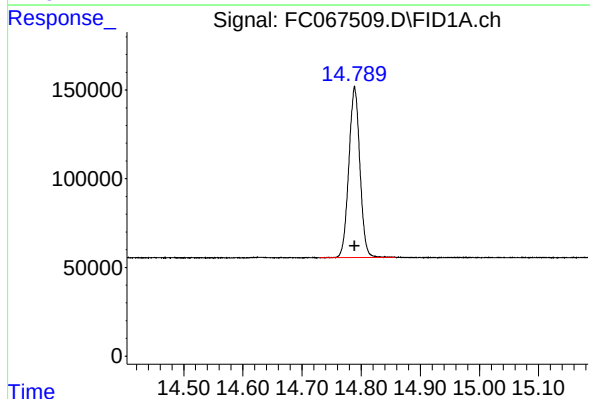
R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 1104370
Conc: 10.30 ug/ml



#13 n-Docosane (C22)

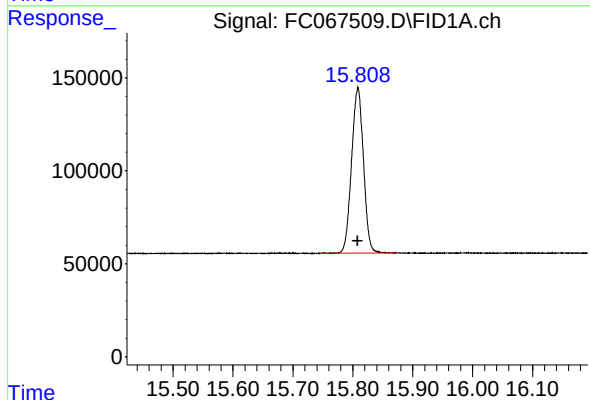
R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 1260218
Conc: 10.40 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



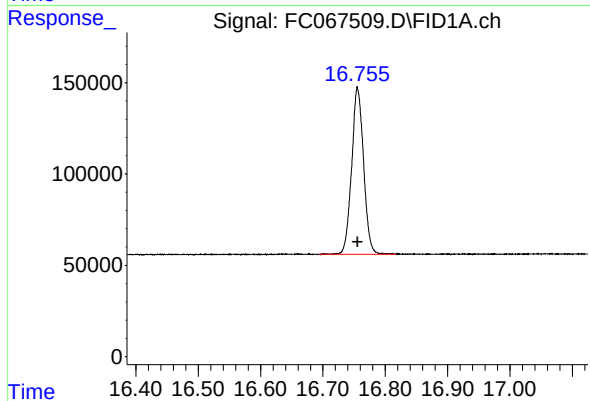
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 1251574
Conc: 10.43 ug/ml



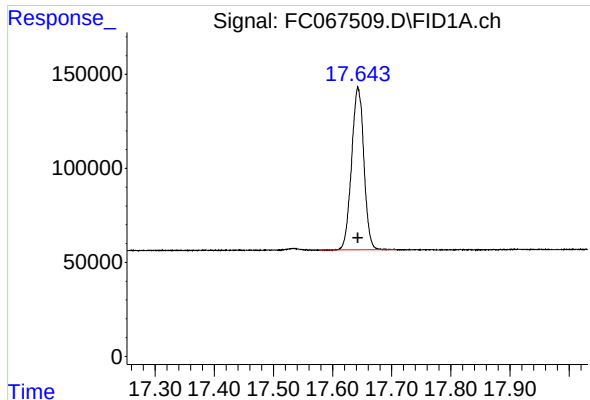
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 1226594
Conc: 10.41 ug/ml



#16 n-Octacosane (C28)

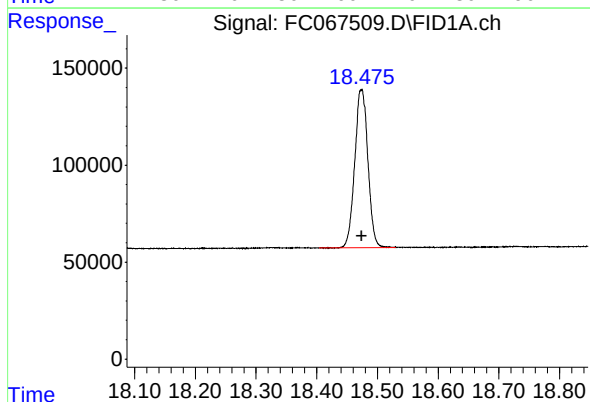
R.T.: 16.756 min
Delta R.T.: 0.000 min
Response: 1213286
Conc: 10.46 ug/ml



#17 n-Tricontane (C30)

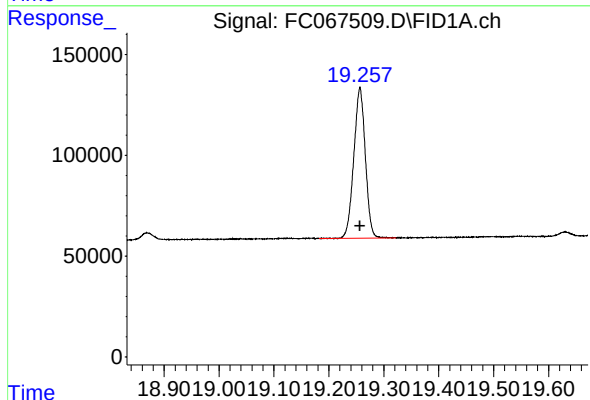
R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 1249088
Conc: 10.57 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



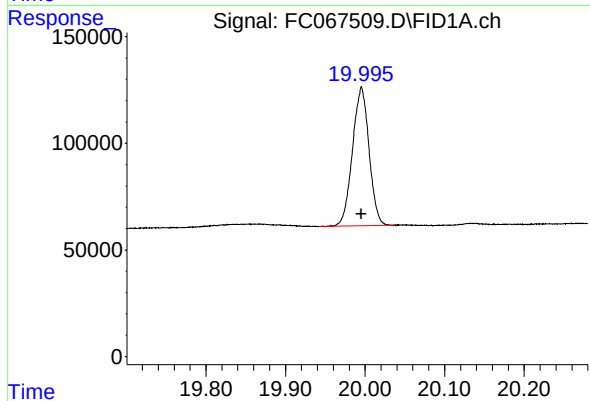
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.000 min
Response: 1225099
Conc: 10.67 ug/ml



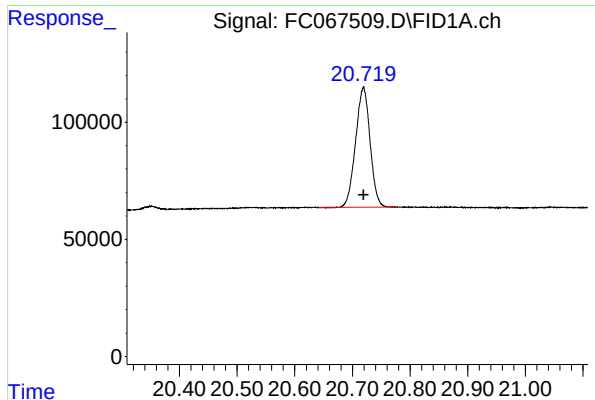
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.000 min
Response: 1087201
Conc: 10.64 ug/ml



#20 n-Hexatriacontane (C36)

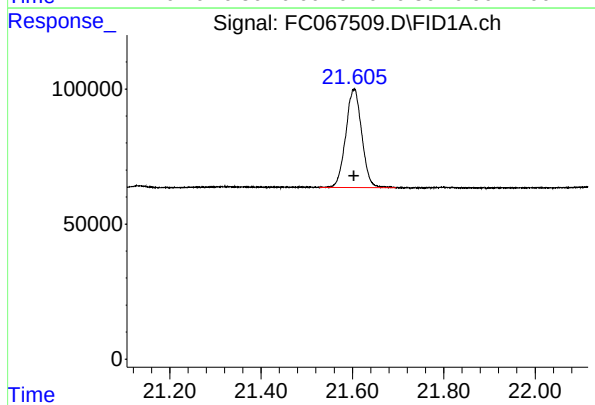
R.T.: 19.995 min
Delta R.T.: 0.000 min
Response: 941330
Conc: 10.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.000 min
Response: 898154
Conc: 10.53 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: 0.000 min
Response: 882650
Conc: 10.52 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067509.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 17:02
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.245	3.327	BB	163023	1392325	91.41%	5.034%
2	4.338	4.289	4.404	BB	153448	1408883	92.49%	5.094%
3	5.916	5.857	5.999	BB	163420	1523229	100.00%	5.507%
4	6.353	6.292	6.417	BB	139335	1397121	91.72%	5.051%
5	6.971	6.909	7.067	BB	137359	1445653	94.91%	5.227%
6	8.146	8.094	8.210	BB	122199	1348794	88.55%	4.876%
7	9.744	9.682	9.805	BB	117477	1353251	88.84%	4.892%
8	11.184	11.077	11.247	BB	117457	1362847	89.47%	4.927%
9	11.495	11.434	11.554	BB	135385	1516253	99.54%	5.482%
10	12.491	12.422	12.554	BB	101975	1299257	85.30%	4.697%
11	12.934	12.875	12.987	BB	92846	1104370	72.50%	3.993%
12	13.102	13.034	13.167	BB	103848	1272574	83.54%	4.601%
13	13.687	13.622	13.755	BB	98770	1260218	82.73%	4.556%
14	14.789	14.729	14.859	BB	96250	1251574	82.17%	4.525%
15	15.808	15.744	15.872	BB	89337	1226594	80.53%	4.435%
16	16.756	16.694	16.817	BB	91173	1213286	79.65%	4.386%
17	17.643	17.577	17.707	BB	85908	1249088	82.00%	4.516%
18	18.474	18.404	18.530	BB	81392	1225099	80.43%	4.429%
19	19.257	19.182	19.322	BB	75084	1087201	71.37%	3.931%
20	19.995	19.942	20.039	BB	65222	941330	61.80%	3.403%
21	20.719	20.642	20.775	BB	51277	898154	58.96%	3.247%
22	21.604	21.527	21.695	BB	35971	882650	57.95%	3.191%
Sum of corrected areas:						27659751		

Aliphatic EPH 102324.M Wed Oct 23 18:21:58 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
 Data File : FC067510.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 17:38
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 23 18:12:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:02 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.494	768220	5.236 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
12) S 1-chlorooctadecane (S...	12.933	555182	5.141 ug/ml
Spiked Amount 50.000		Recovery =	10.28%
Target Compounds			
1) T n-Nonane (C9)	3.275	697792	5.180 ug/ml
2) T n-Decane (C10)	4.339	703136	5.161 ug/ml
3) T A~Naphthalene (C11.7)	5.917	752949	5.081 ug/ml
4) T n-Dodecane (C12)	6.354	700270	5.170 ug/ml
5) T A~2-methylnaphthalene...	6.971	709834	5.026 ug/ml
6) T n-Tetradecane (C14)	8.146	678328	5.168 ug/ml
7) T n-Hexadecane (C16)	9.744	680213	5.149 ug/ml
8) T n-Octadecane (C18)	11.184	680709	5.152 ug/ml
10) T n-Eicosane (C20)	12.491	658066	5.215 ug/ml
11) T n-Heneicosane (C21)	13.102	641065	5.194 ug/ml
13) T n-Docosane (C22)	13.687	638712	5.216 ug/ml
14) T n-Tetracosane (C24)	14.789	629495	5.193 ug/ml
15) T n-Hexacosane (C26)	15.808	620443	5.211 ug/ml
16) T n-Octacosane (C28)	16.758	621629	5.284 ug/ml
17) T n-Tricontane (C30)	17.643	658247	5.446 ug/ml
18) T n-Dotriacontane (C32)	18.474	660916	5.586 ug/ml
19) T n-Tetratriacontane (C34)	19.256	574804	5.489 ug/ml
20) T n-Hexatriacontane (C36)	19.994	488556	5.367 ug/ml
21) T n-Octatriacontane (C38)	20.718	459107	5.301 ug/ml
22) T n-Tetracontane (C40)	21.603	447730	5.267 ug/ml

(f)=RT Delta > 1/2 Window

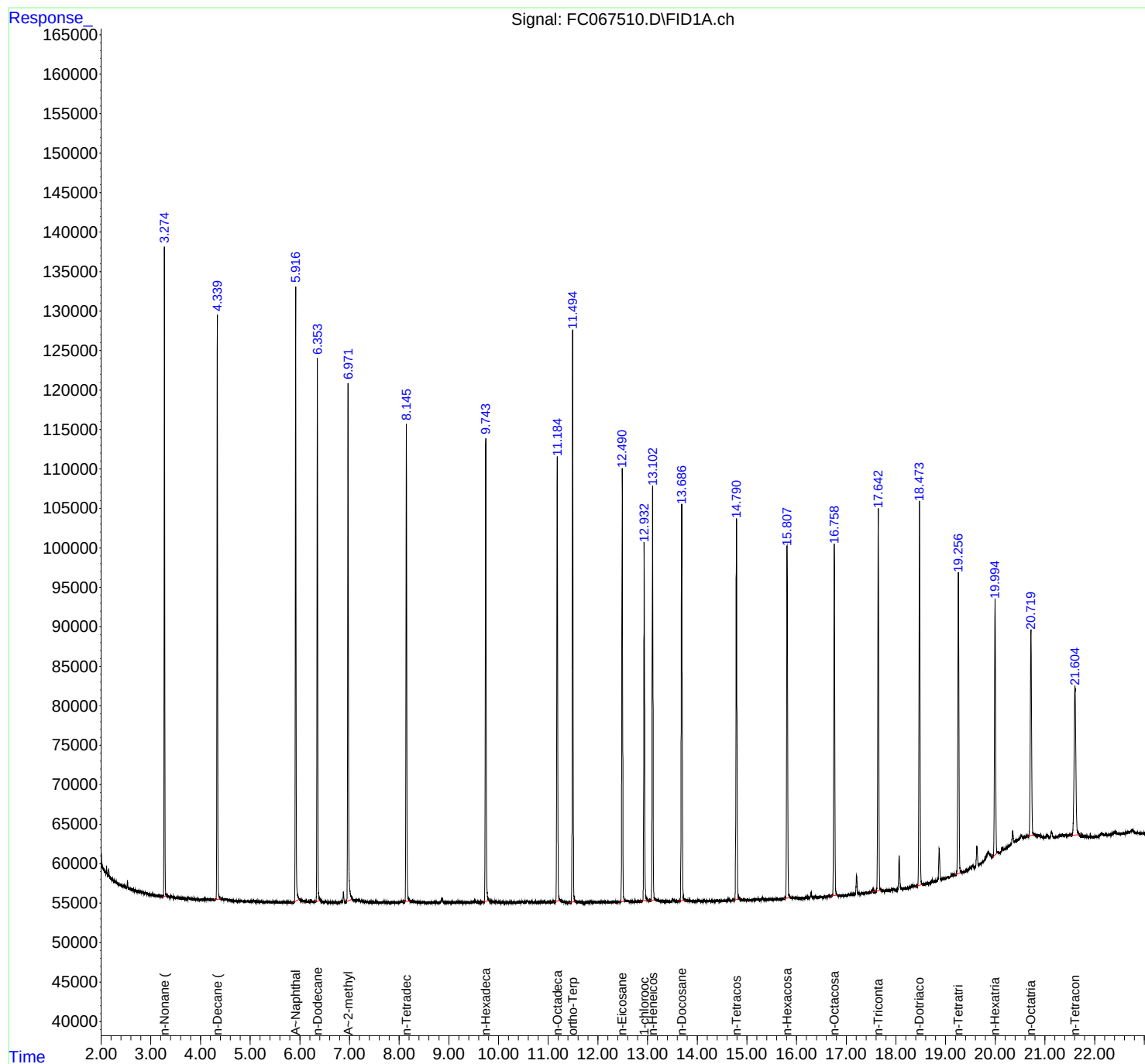
(m)=manual int.

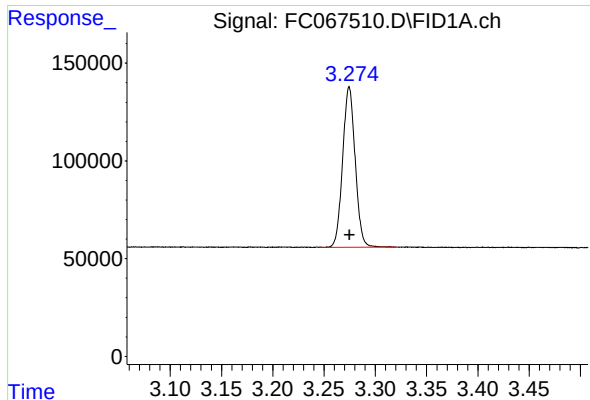
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067510.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 17:38
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 23 18:12:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:02 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

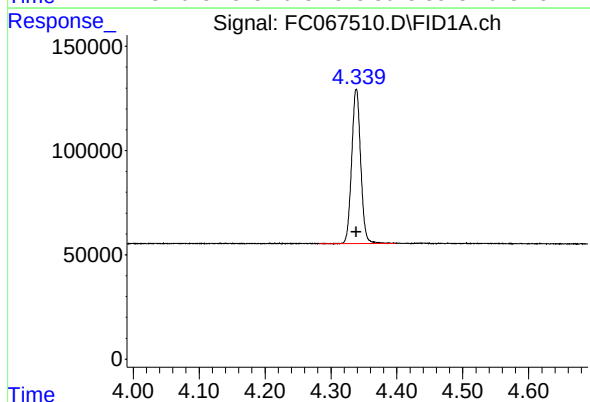




#1 n-Nonane (C9)

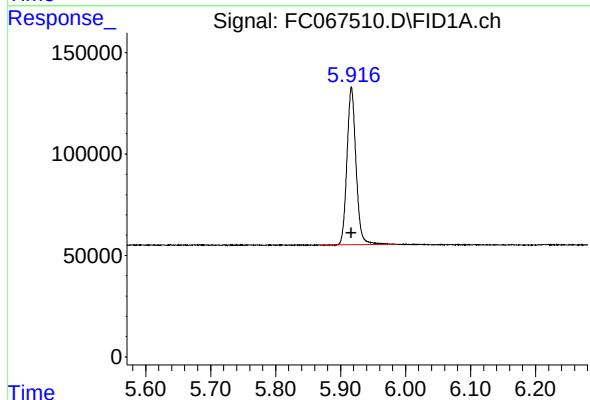
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 697792
Conc: 5.18 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



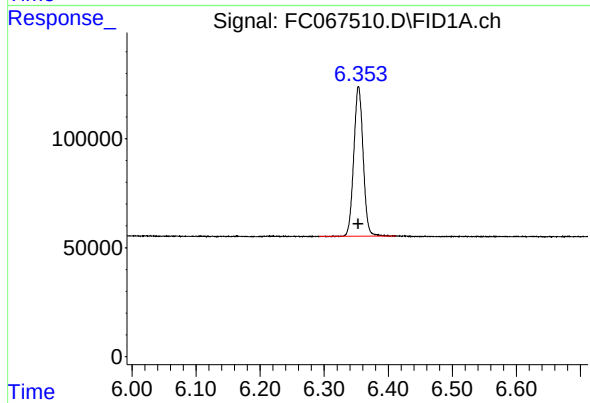
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 703136
Conc: 5.16 ug/ml



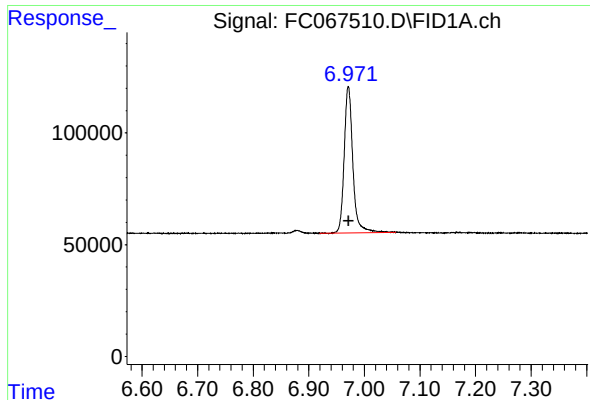
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 752949
Conc: 5.08 ug/ml



#4 n-Dodecane (C12)

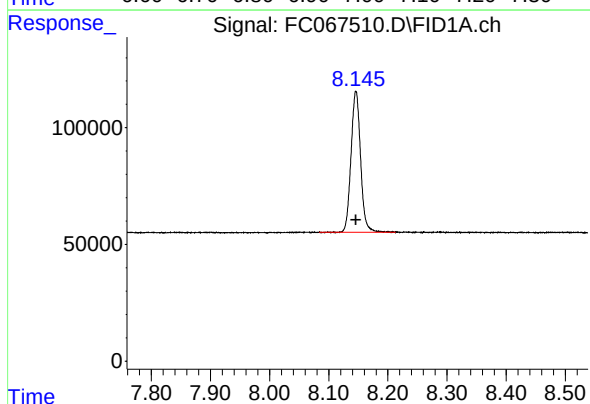
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 700270
Conc: 5.17 ug/ml



#5 A~2-methylnaphthalene (C12.89)

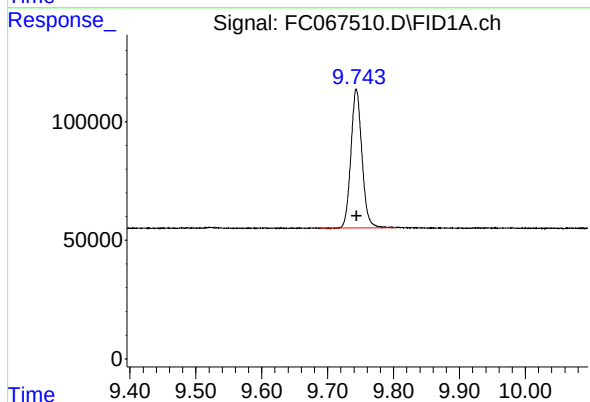
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 709834
Conc: 5.03 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



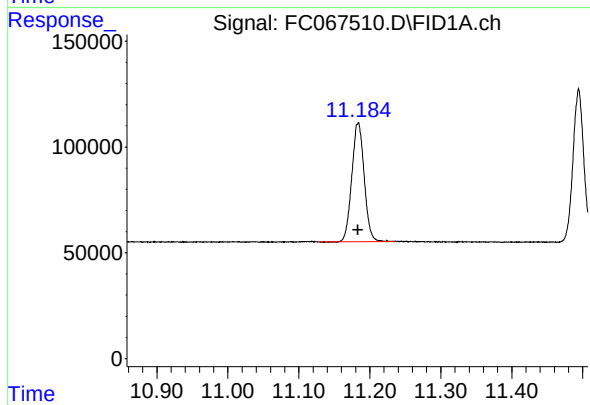
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 678328
Conc: 5.17 ug/ml



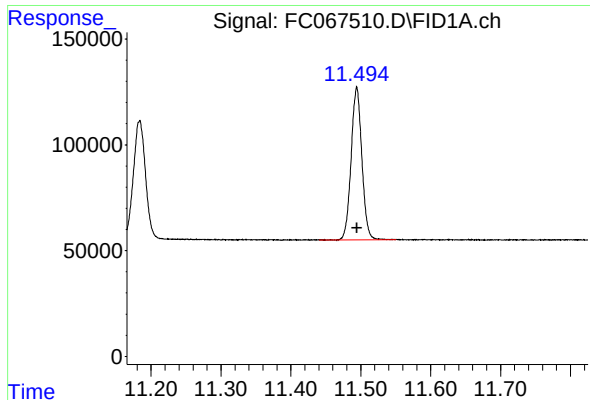
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 680213
Conc: 5.15 ug/ml



#8 n-Octadecane (C18)

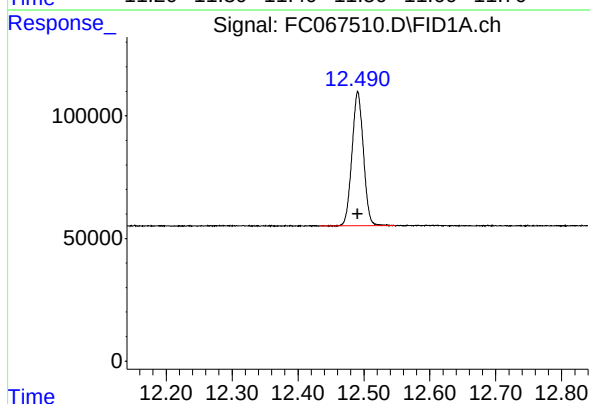
R.T.: 11.184 min
Delta R.T.: 0.000 min
Response: 680709
Conc: 5.15 ug/ml



#9 ortho-Terphenyl (SURR)

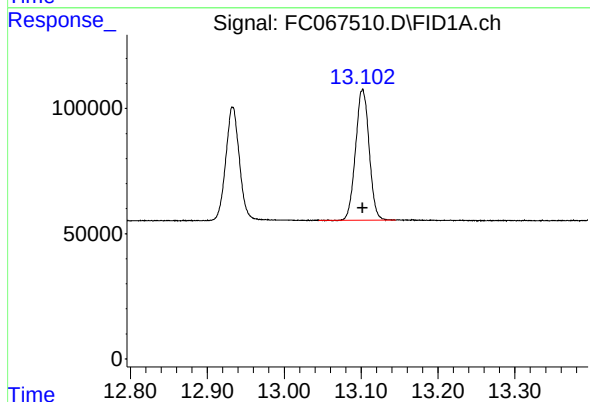
R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 768220
Conc: 5.24 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



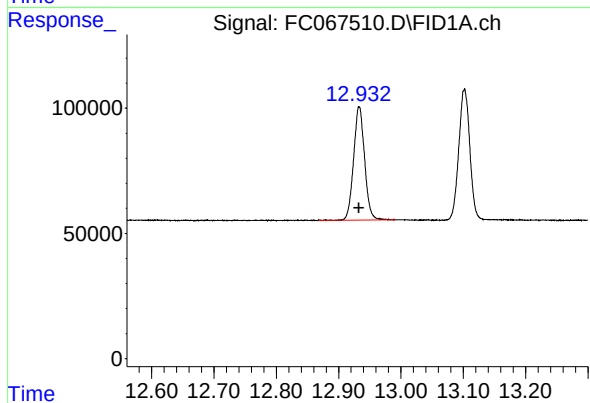
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 658066
Conc: 5.22 ug/ml



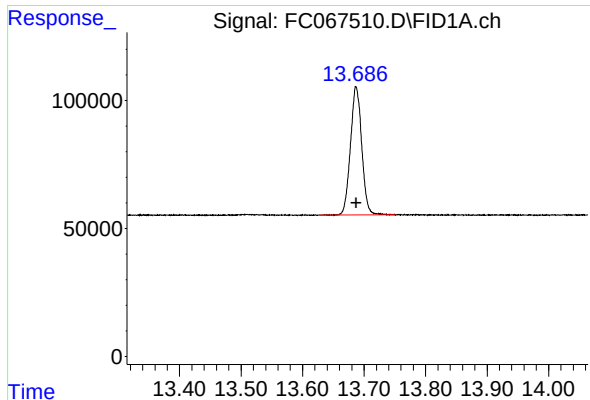
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 641065
Conc: 5.19 ug/ml



#12 1-chlorooctadecane (SURR)

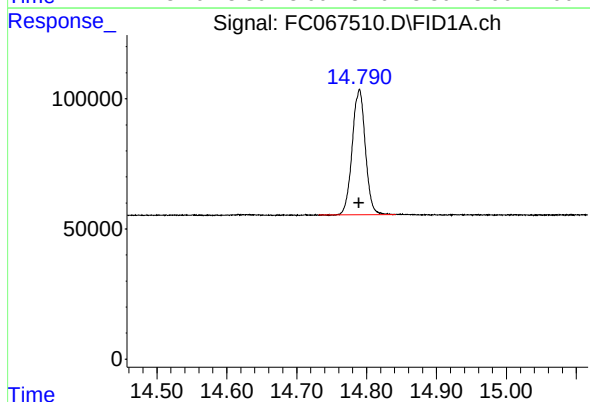
R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 555182
Conc: 5.14 ug/ml



#13 n-Docosane (C22)

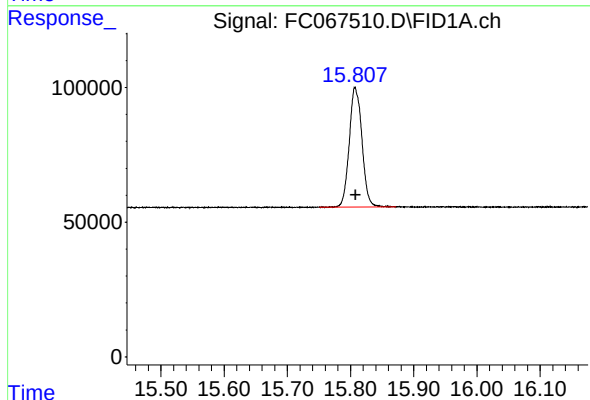
R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 638712
Conc: 5.22 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



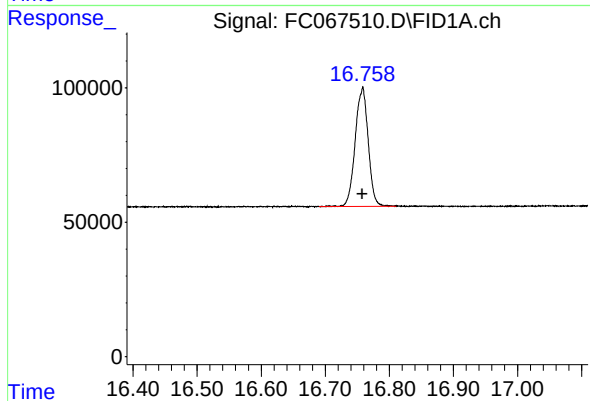
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 629495
Conc: 5.19 ug/ml



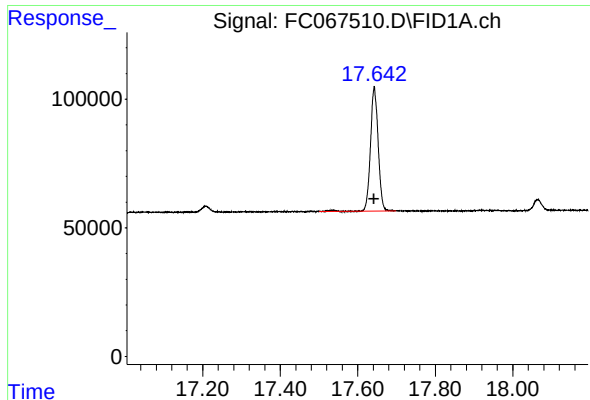
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 620443
Conc: 5.21 ug/ml



#16 n-Octacosane (C28)

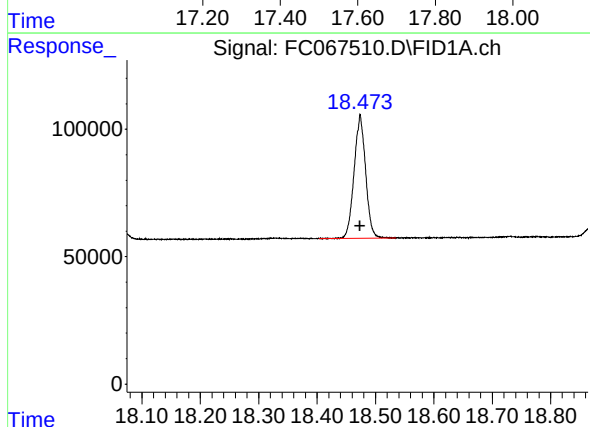
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 621629
Conc: 5.28 ug/ml



#17 n-Tricontane (C30)

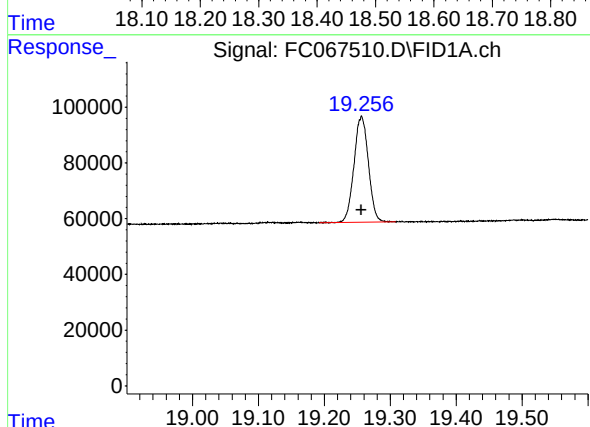
R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 658247
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



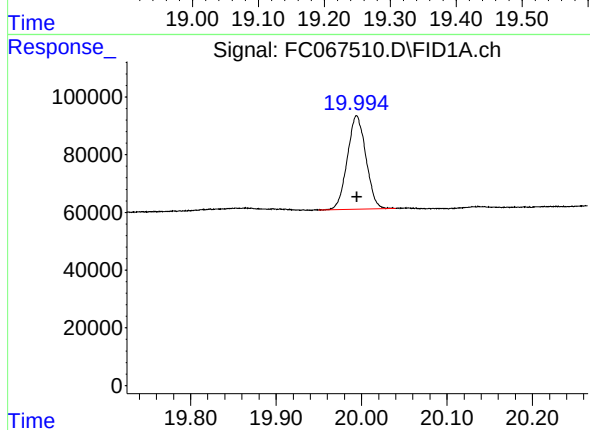
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.000 min
Response: 660916
Conc: 5.59 ug/ml



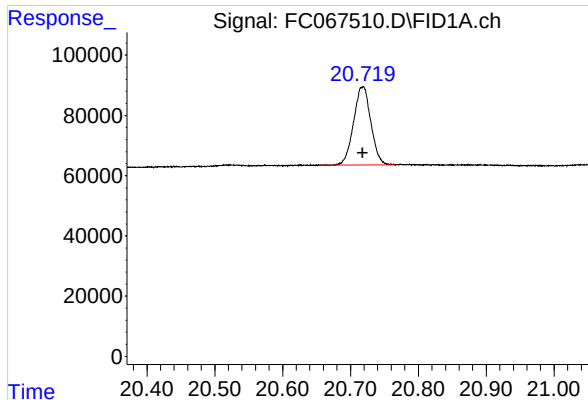
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.000 min
Response: 574804
Conc: 5.49 ug/ml



#20 n-Hexatriacontane (C36)

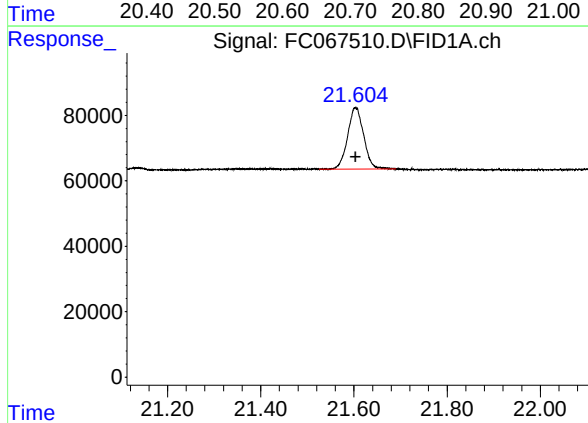
R.T.: 19.994 min
Delta R.T.: 0.000 min
Response: 488556
Conc: 5.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.000 min
Response: 459107
Conc: 5.30 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.000 min
Response: 447730
Conc: 5.27 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067510.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 17:38
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.275	3.245	3.320	BB	82274	697792	90.83%	4.975%
2	4.339	4.282	4.399	BB	74065	703136	91.53%	5.013%
3	5.917	5.867	5.985	BB	77688	752949	98.01%	5.368%
4	6.354	6.292	6.412	BB	68794	700270	91.15%	4.993%
5	6.971	6.919	7.057	BB	65640	709834	92.40%	5.061%
6	8.146	8.084	8.214	BB	60655	678328	88.30%	4.836%
7	9.744	9.687	9.804	BB	58521	680213	88.54%	4.850%
8	11.184	11.129	11.237	BB	55995	680709	88.61%	4.853%
9	11.494	11.440	11.550	BB	71976	768220	100.00%	5.477%
10	12.491	12.432	12.549	BB	54755	658066	85.66%	4.692%
11	12.933	12.869	12.992	BB	45156	555182	72.27%	3.958%
12	13.102	13.045	13.145	BB	52087	641065	83.45%	4.571%
13	13.687	13.627	13.752	BB	50083	638712	83.14%	4.554%
14	14.789	14.732	14.842	BB	47789	629495	81.94%	4.488%
15	15.808	15.750	15.872	BB	43825	620443	80.76%	4.424%
16	16.758	16.690	16.810	BB	44656	621629	80.92%	4.432%
17	17.643	17.500	17.699	BB	47945	658247	85.68%	4.693%
18	18.474	18.404	18.535	BB	48459	660916	86.03%	4.712%
19	19.256	19.192	19.309	BB	38187	574804	74.82%	4.098%
20	19.994	19.950	20.040	BB	32420	488556	63.60%	3.483%
21	20.718	20.654	20.767	BB	25975	459107	59.76%	3.273%
22	21.603	21.525	21.690	BB	18849	447730	58.28%	3.192%
Sum of corrected areas:						14025400		

Aliphatic EPH 102324.M Wed Oct 23 18:22:16 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
 Data File : FC067511.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 18:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 23 18:51:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.496	2853188	19.445 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	12.935	2112213	19.560 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T n-Nonane (C9)	3.274	2613683	19.401 ug/ml
2) T n-Decane (C10)	4.339	2649286	19.445 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2894144	19.530 ug/ml
4) T n-Dodecane (C12)	6.354	2640477	19.495 ug/ml
5) T A~2-methylnaphthalene...	6.971	2771002	19.622 ug/ml
6) T n-Tetradecane (C14)	8.147	2559793	19.502 ug/ml
7) T n-Hexadecane (C16)	9.744	2585935	19.575 ug/ml
8) T n-Octadecane (C18)	11.185	2593351	19.630 ug/ml
10) T n-Eicosane (C20)	12.493	2466507	19.548 ug/ml
11) T n-Heneicosane (C21)	13.103	2414000	19.560 ug/ml
13) T n-Docosane (C22)	13.688	2390568	19.523 ug/ml
14) T n-Tetracosane (C24)	14.790	2369147	19.546 ug/ml
15) T n-Hexacosane (C26)	15.809	2326770	19.544 ug/ml
16) T n-Octacosane (C28)	16.757	2297199	19.526 ug/ml
17) T n-Tricontane (C30)	17.643	2353840	19.474 ug/ml
18) T n-Dotriacontane (C32)	18.474	2301371	19.450 ug/ml
19) T n-Tetratriacontane (C34)	19.258	2044186	19.519 ug/ml
20) T n-Hexatriacontane (C36)	19.996	1784212	19.601 ug/ml
21) T n-Octatriacontane (C38)	20.719	1698313	19.610 ug/ml
22) T n-Tetracontane (C40)	21.604	1661417	19.544 ug/ml

(f)=RT Delta > 1/2 Window

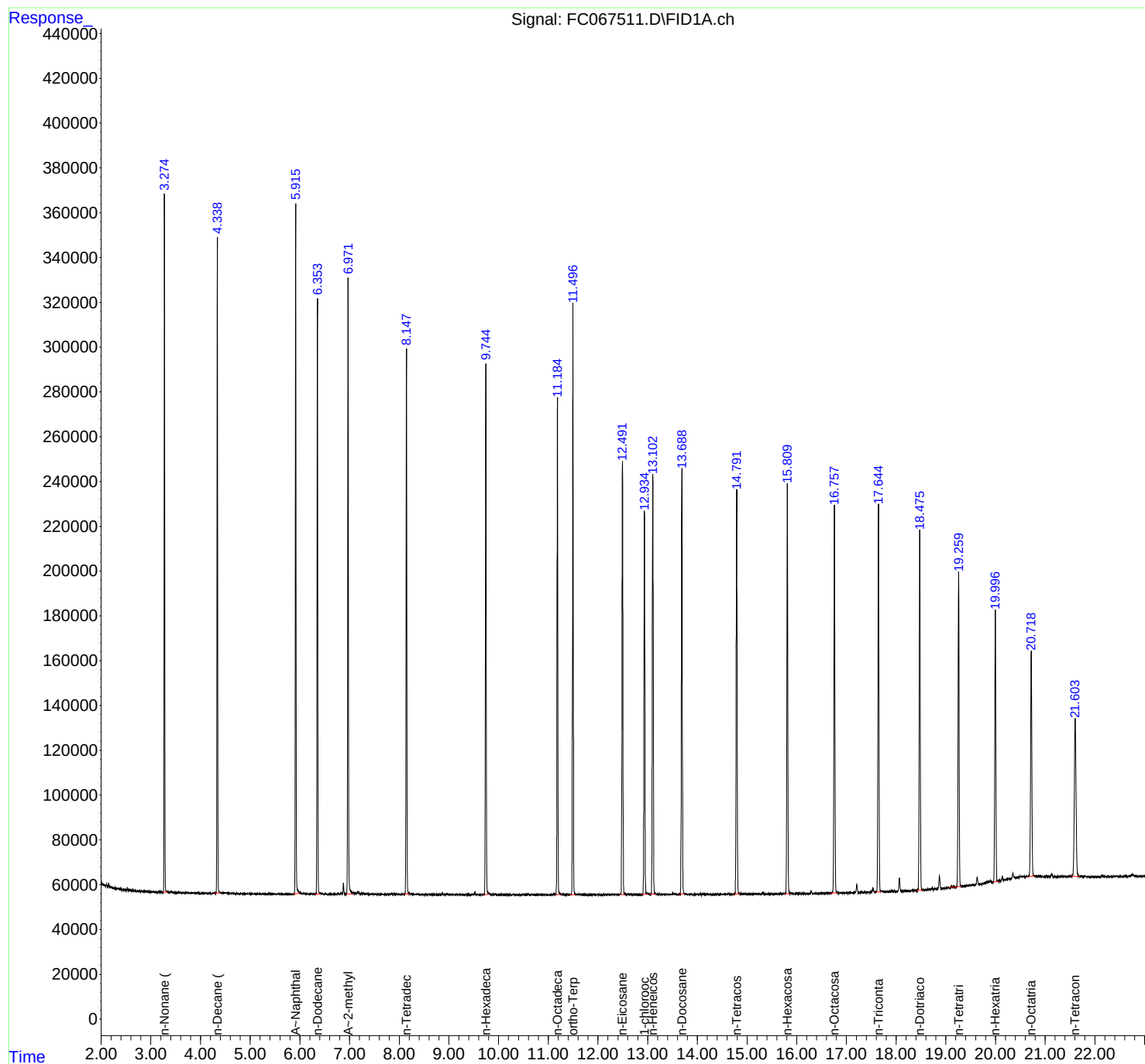
(m)=manual int.

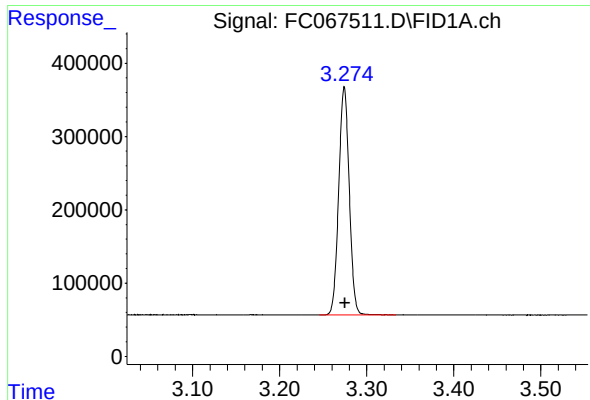
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067511.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 18:14
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 23 18:51:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

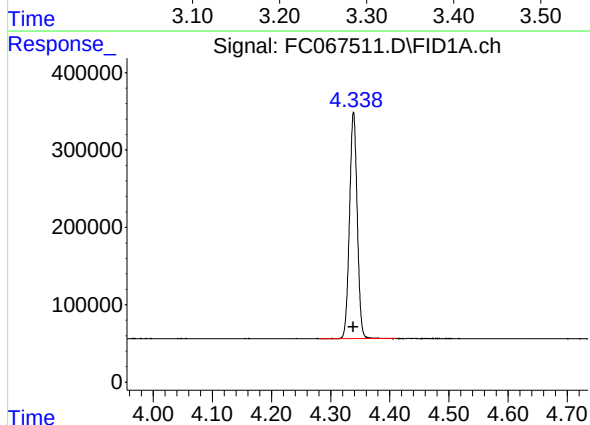
R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 2613683
Conc: 19.40 ug/ml

Instrument :

FID_C

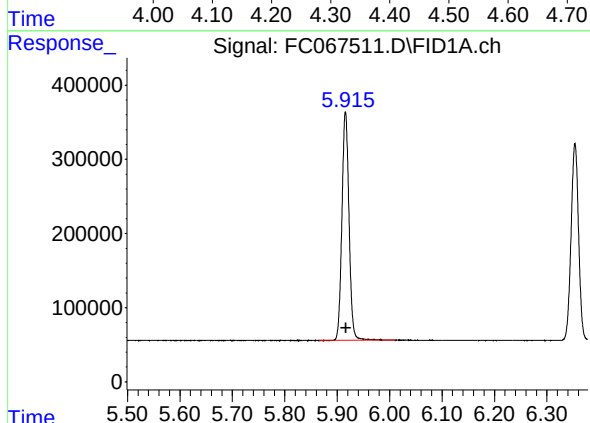
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



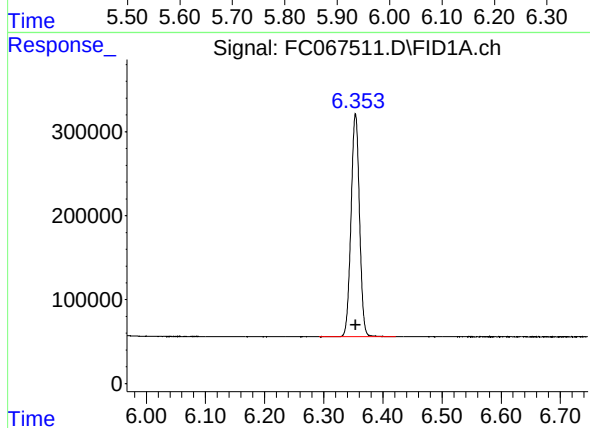
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 2649286
Conc: 19.44 ug/ml



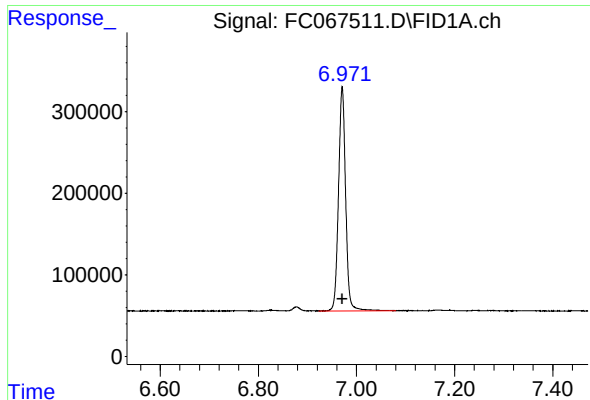
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 2894144
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

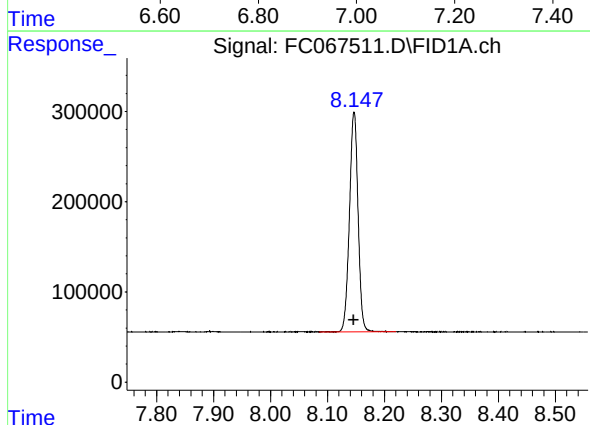
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2640477
Conc: 19.50 ug/ml



#5 A~2-methylnaphthalene (C12.89)

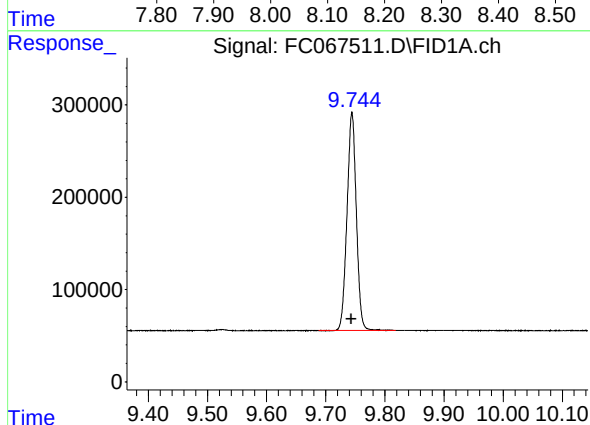
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 2771002
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



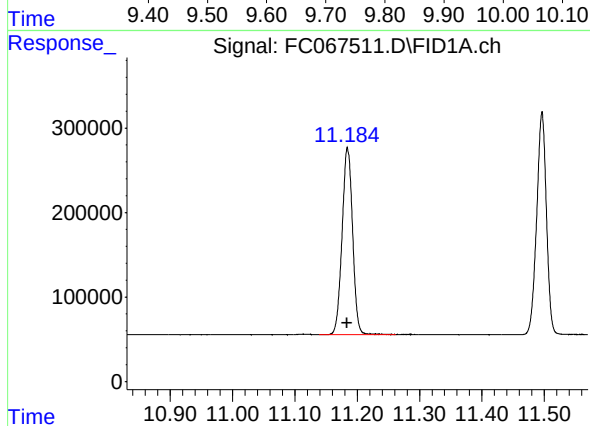
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 2559793
Conc: 19.50 ug/ml



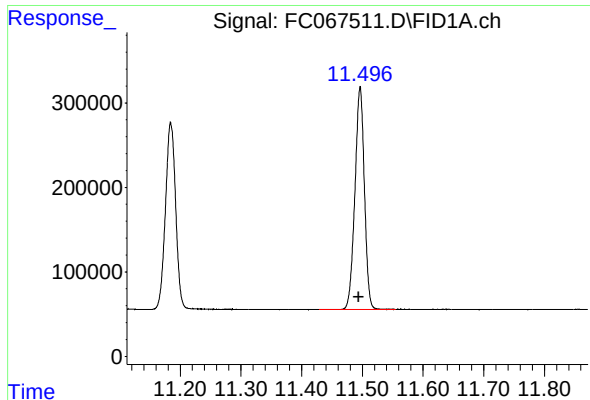
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 2585935
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: 0.000 min
Response: 2593351
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

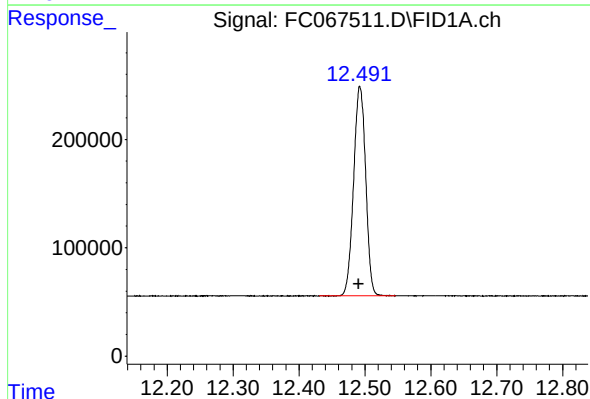
R.T.: 11.496 min
Delta R.T.: 0.002 min
Response: 2853188
Conc: 19.44 ug/ml

Instrument :

FID_C

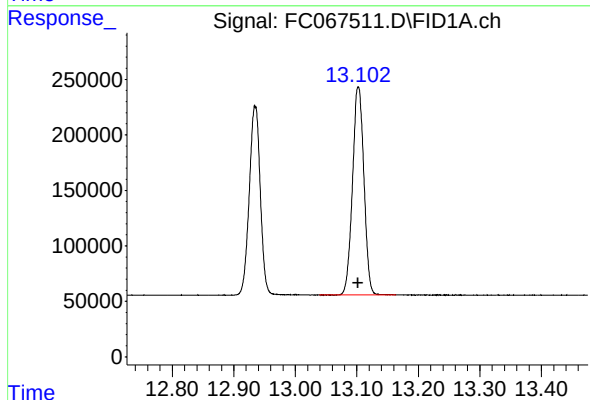
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



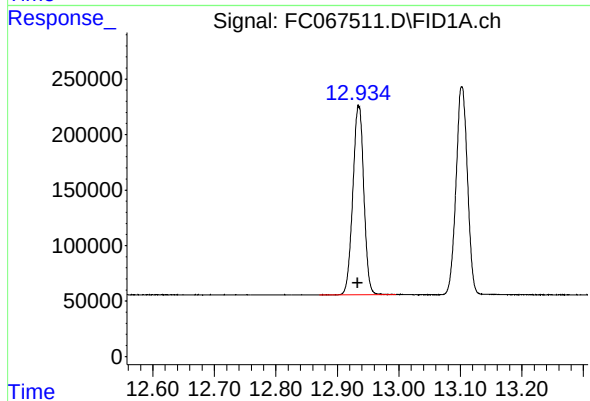
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.002 min
Response: 2466507
Conc: 19.55 ug/ml



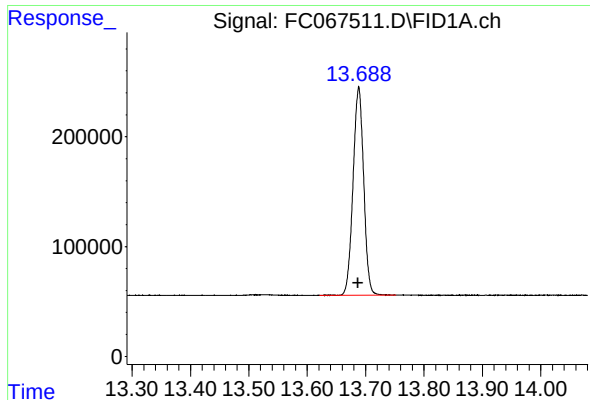
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 2414000
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: 0.002 min
Response: 2112213
Conc: 19.56 ug/ml



#13 n-Docosane (C22)

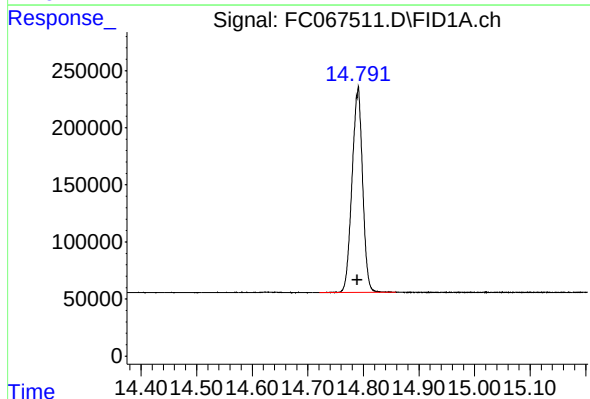
R.T.: 13.688 min
Delta R.T.: 0.000 min
Response: 2390568
Conc: 19.52 ug/ml

Instrument :

FID_C

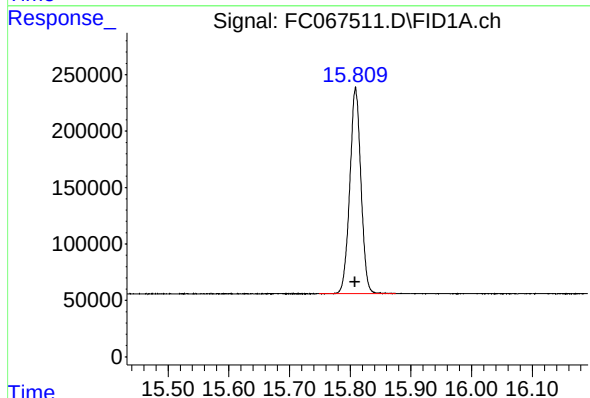
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



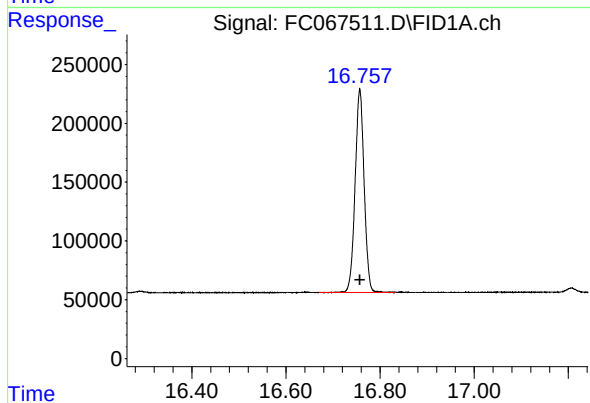
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 2369147
Conc: 19.55 ug/ml



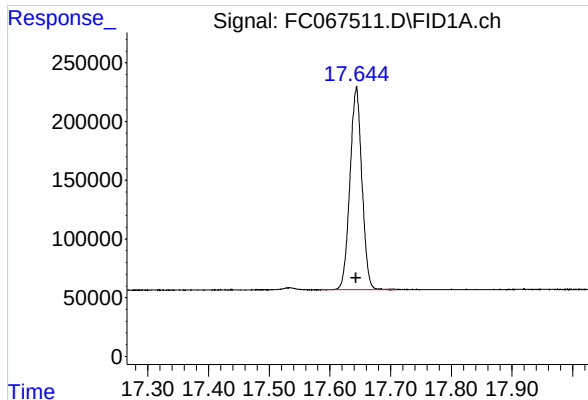
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.001 min
Response: 2326770
Conc: 19.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 2297199
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

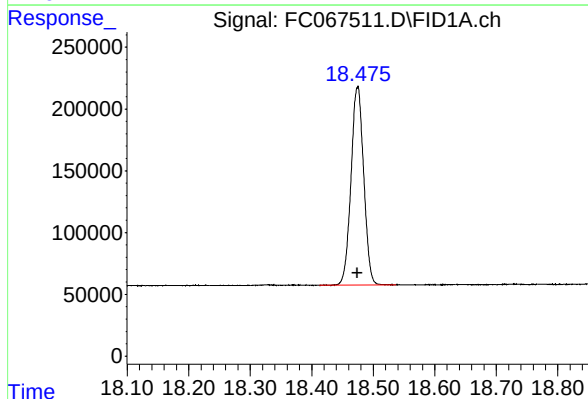
R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 2353840
Conc: 19.47 ug/ml

Instrument :

FID_C

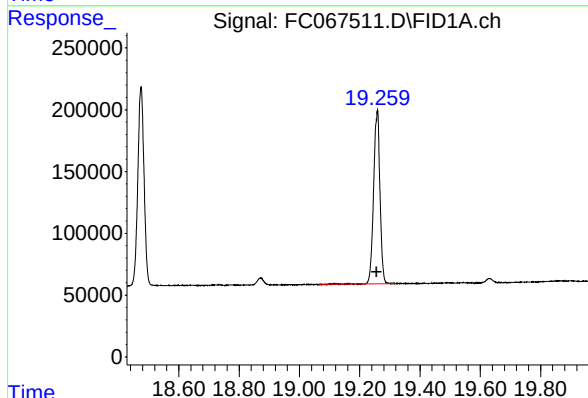
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



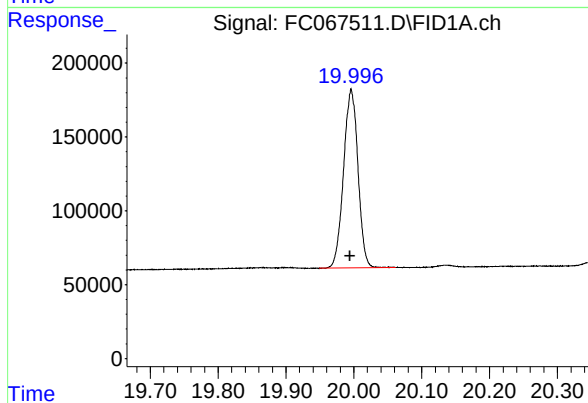
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.000 min
Response: 2301371
Conc: 19.45 ug/ml



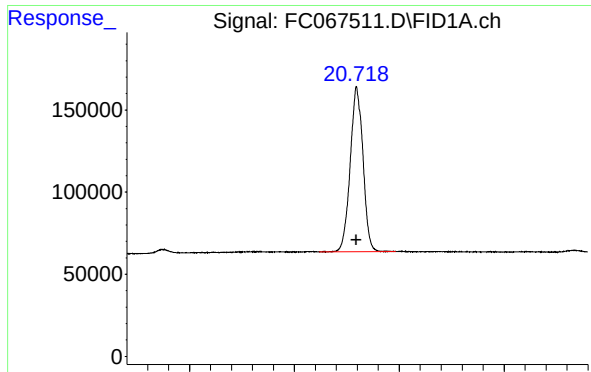
#19 n-Tetatriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.002 min
Response: 2044186
Conc: 19.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.996 min
Delta R.T.: 0.002 min
Response: 1784212
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

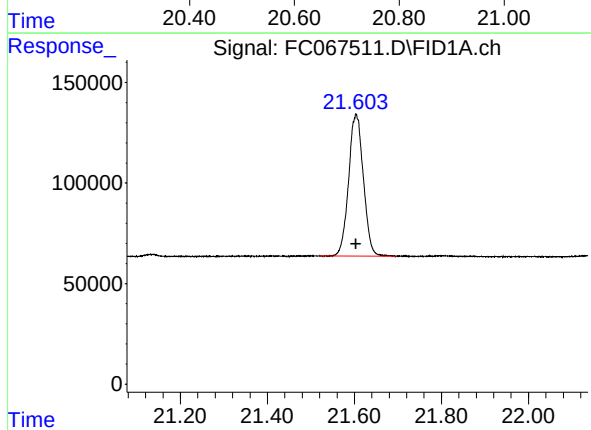
R.T.: 20.719 min
Delta R.T.: 0.000 min
Response: 1698313
Conc: 19.61 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: 0.000 min
Response: 1661417
Conc: 19.54 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102324AL\
Data File : FC067511.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 18:14
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.245	3.334	BB	310826	2613683	90.31%	4.990%
2	4.339	4.280	4.410	BB	292955	2649286	91.54%	5.058%
3	5.916	5.865	6.012	BB	308318	2894144	100.00%	5.525%
4	6.354	6.292	6.422	BB	265716	2640477	91.24%	5.041%
5	6.971	6.924	7.080	BB	274073	2771002	95.75%	5.290%
6	8.147	8.085	8.220	BB	244098	2559793	88.45%	4.887%
7	9.744	9.689	9.819	BB	236009	2585935	89.35%	4.937%
8	11.185	11.139	11.262	BB	218367	2593351	89.61%	4.951%
9	11.496	11.429	11.555	BB	264747	2853188	98.58%	5.447%
10	12.493	12.430	12.547	BB	193698	2466507	85.22%	4.709%
11	12.935	12.870	12.995	BB	169232	2112213	72.98%	4.032%
12	13.103	13.039	13.164	BB	187529	2414000	83.41%	4.609%
13	13.688	13.620	13.752	BB	190590	2390568	82.60%	4.564%
14	14.790	14.720	14.859	BB	178398	2369147	81.86%	4.523%
15	15.809	15.749	15.875	BB	181908	2326770	80.40%	4.442%
16	16.757	16.670	16.834	BB	173028	2297199	79.37%	4.386%
17	17.643	17.582	17.709	BB	172064	2353840	81.33%	4.494%
18	18.474	18.412	18.537	BB	160280	2301371	79.52%	4.394%
19	19.258	19.065	19.320	BB	140731	2044186	70.63%	3.903%
20	19.996	19.949	20.062	BB	120232	1784212	61.65%	3.406%
21	20.719	20.647	20.794	BB	100162	1698313	58.68%	3.242%
22	21.604	21.519	21.695	BB	70657	1661417	57.41%	3.172%
Sum of corrected areas:							52380600	

Aliphatic EPH 102324.M Wed Oct 23 18:53:21 2024

Initial Calibration Report for SequenceID : FD093024AR

AreaCount

Parameter Range	FD048398.D	FD048399.D	FD048400.D	FD048401.D	FD048402.D	
Aromatic C10-C12	34648059.000	18252378.000	7283031.000	3571721.000	1884983.000	
Aromatic C12-C16	52772389.000	27987173.000	11349711.000	5750614.000	3099577.000	
Aromatic C16-C21	67557629.000	35880273.000	14451391.000	7136049.000	3726042.000	
Aromatic C21-C36	141518244.000	74756685.000	30035782.000	14897193.000	7697046.000	
Aromatic EPH	296496321.000	156876509.000	63119915.000	31355577.000	16407648.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	180984.84	3.098				
Aromatic C12-C16	189995.313333	5.829				
Aromatic C16-C21	178728.23	3.52				
Aromatic C21-C36	165360.7497772	3.04				
Aromatic EPH	174173.0715554	3.596				

Concentration

Parameter Range	FD048398.D	FD048399.D	FD048400.D	FD048401.D	FD048402.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD048398.D	FD048399.D	FD048400.D	FD048401.D	FD048402.D	
Aromatic C10-C12	173240.295000	182523.780000	182075.775000	178586.050000	188498.300000	
Aromatic C12-C16	175907.963333	186581.153333	189161.850000	191687.133333	206638.466666	
Aromatic C16-C21	168894.072500	179401.365000	180642.387500	178401.225000	186302.100000	
Aromatic C21-C36	157242.493333	166125.966666	166865.455555	165524.366666	171045.466666	
Aromatic EPH	164720.178333	174307.232222	175333.097222	174197.650000	182307.200000	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048398.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 10:32
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 30 12:32:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 12:29:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.387	15133598	96.497 ug/ml
Spiked Amount 50.000		Recovery =	192.99%
6) S 2-Fluorobiphenyl (SURR)	8.238	10225240	98.366 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.73%#
11) S ortho-Terphenyl (SURR)	11.276	17090754	95.957 ug/ml
Spiked Amount 50.000		Recovery =	191.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.207	16849228	97.651 ug/ml
2) T Naphthalene (C11.7)	5.727	17798831	97.384 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	17826888	97.043 ug/ml
5) T Acenaphthylene (C15.06)	8.042	17456164	95.975 ug/ml
7) T Acenaphthene (C15.5)	8.339	17489337	96.084 ug/ml
8) T Fluorene (C16.55)	9.117	17164502	96.742 ug/ml
9) T Phenanthrene (C19.36)	10.505	17038003	97.268 ug/ml
10) T Anthracene (C19.43)	10.582	16550190	96.030 ug/ml
12) T Fluoranthene (C21.85)	12.312	16931938	96.606 ug/ml
13) T Pyrene (C20.8)	12.605	16804934	96.504 ug/ml
14) T Benzo[a]anthracene (C...	14.474	16142668	98.545 ug/ml
15) T Chrysene (C27.41)	14.521	16511891	94.840 ug/ml
16) T benzo[b]fluoranthene ...	16.024	16340653	97.826 ug/ml
17) T Bnezo[k]fluoranthene ...	16.062	15204824	95.933 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.403	15774557	97.005 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.769	14738374	104.652 ug/ml
20) T Dibenz[a,h]anthracene...	17.808	14680138	92.545 ug/ml
21) T Benzo[g,h,i]perylene ...	18.026	15193201	96.345 ug/ml

(f)=RT Delta > 1/2 Window

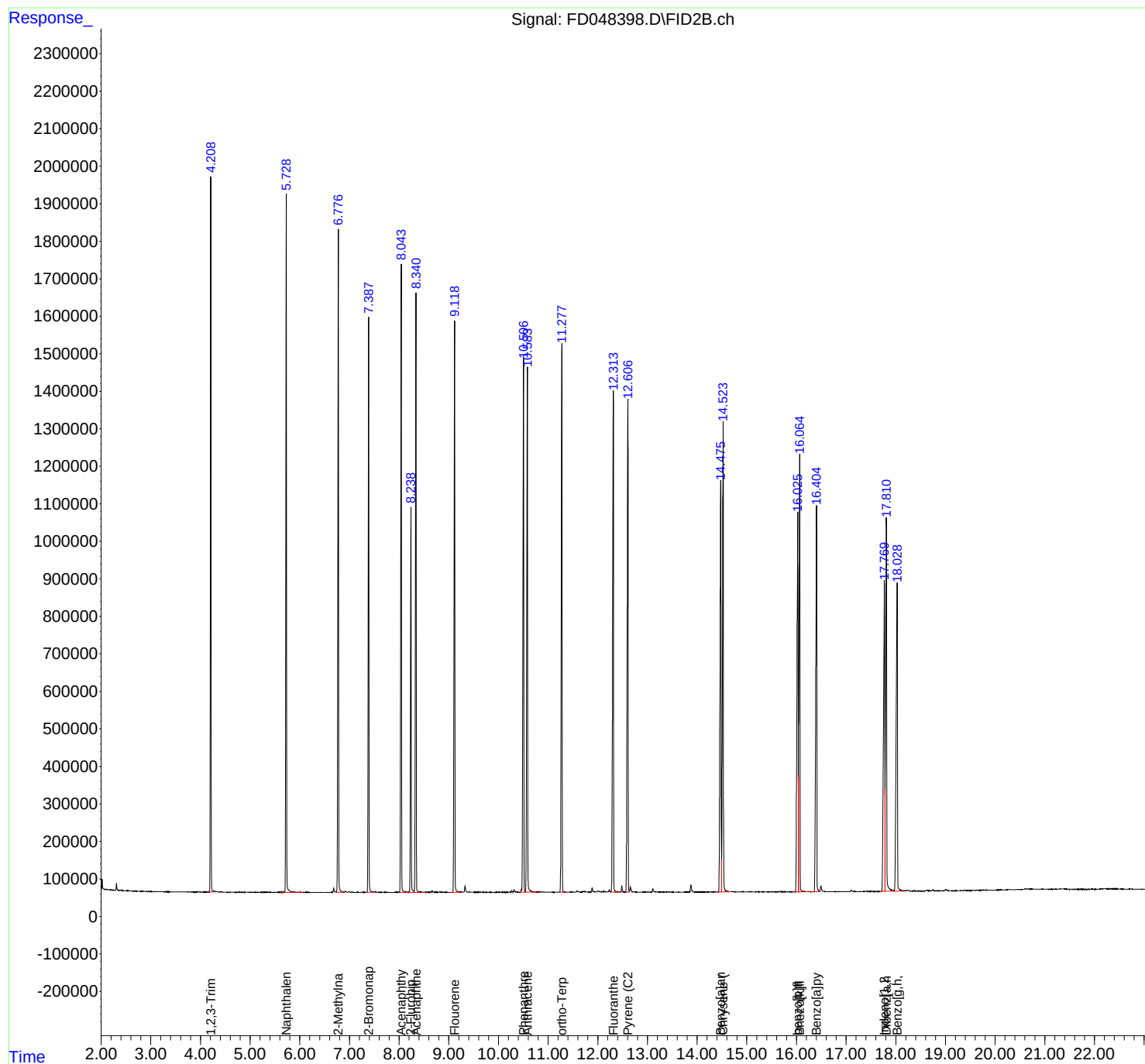
(m)=manual int.

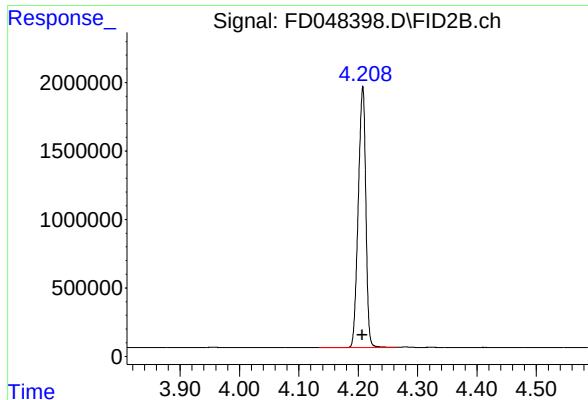
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048398.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 10:32
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Sep 30 12:32:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 12:29:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

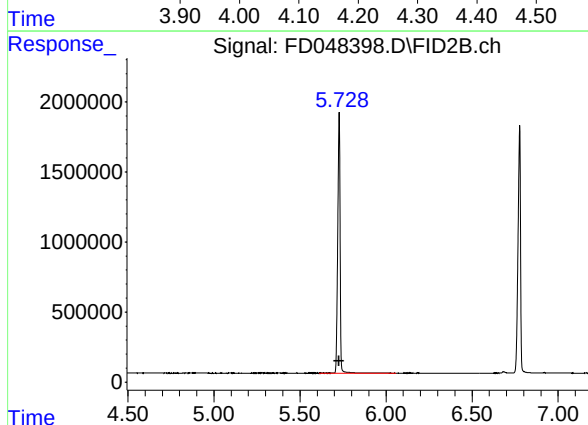
R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 16849228
Conc: 97.65 ug/ml

Instrument :

FID_D

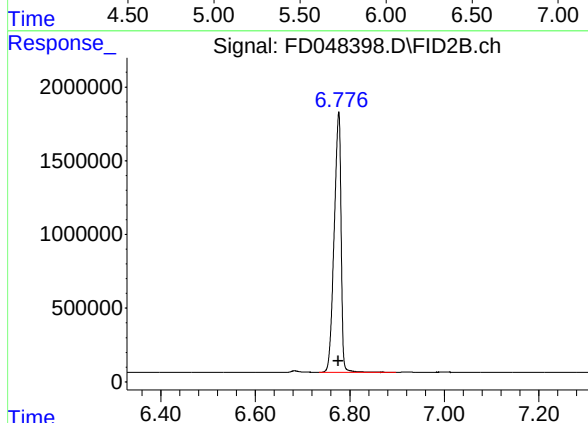
ClientSampleId :

100 PPM AROMATIC HC STD1



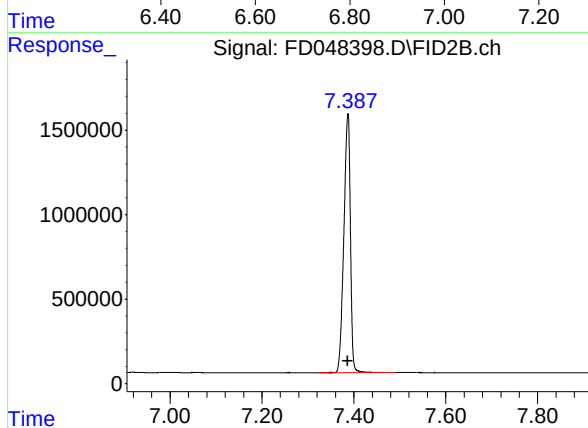
#2 Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 17798831
Conc: 97.38 ug/ml



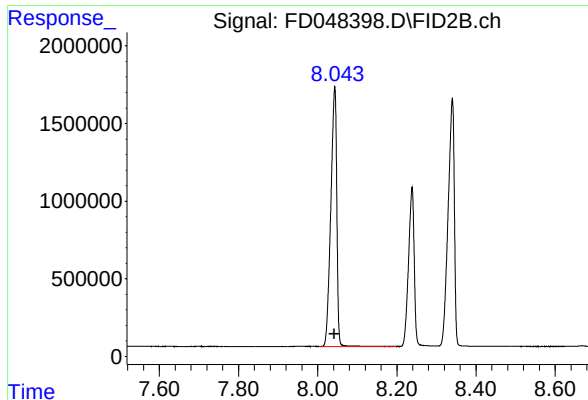
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 17826888
Conc: 97.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 15133598
Conc: 96.50 ug/ml



#5 Acenaphthylene (C15.06)

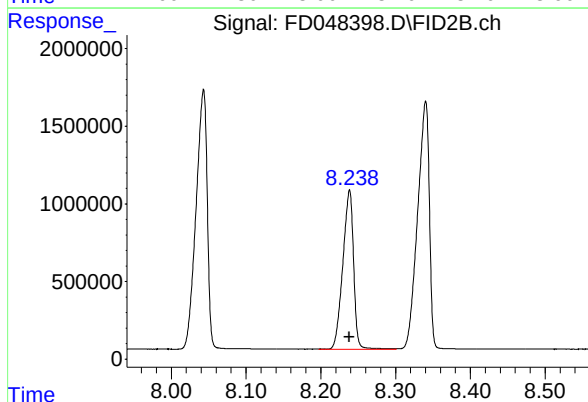
R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 17456164
Conc: 95.98 ug/ml

Instrument :

FID_D

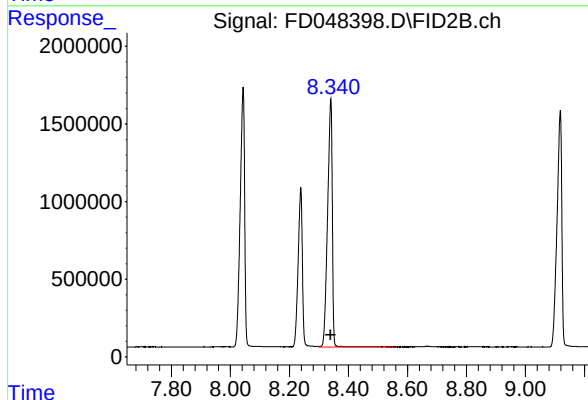
ClientSampleId :

100 PPM AROMATIC HC STD1



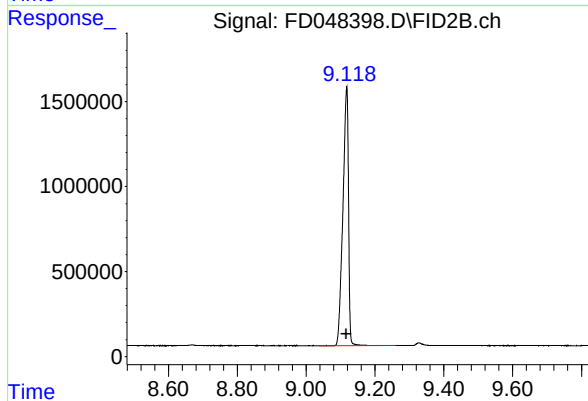
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 10225240
Conc: 98.37 ug/ml



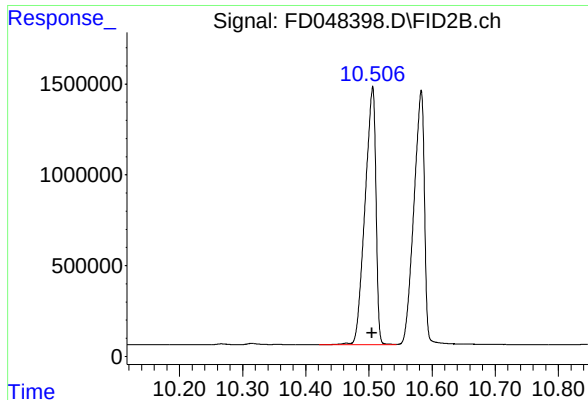
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 17489337
Conc: 96.08 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.117 min
Delta R.T.: 0.000 min
Response: 17164502
Conc: 96.74 ug/ml



#9 Phenanthrene (C19.36)

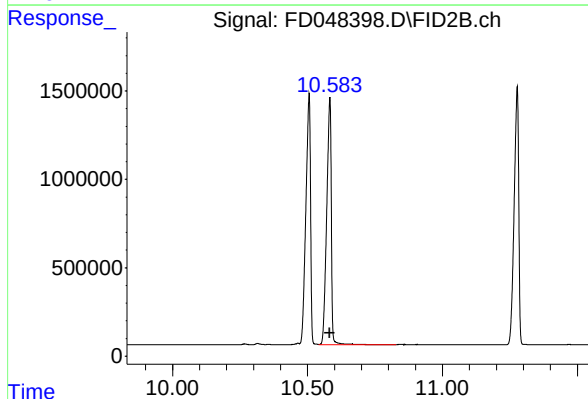
R.T.: 10.505 min
Delta R.T.: 0.000 min
Response: 17038003
Conc: 97.27 ug/ml

Instrument :

FID_D

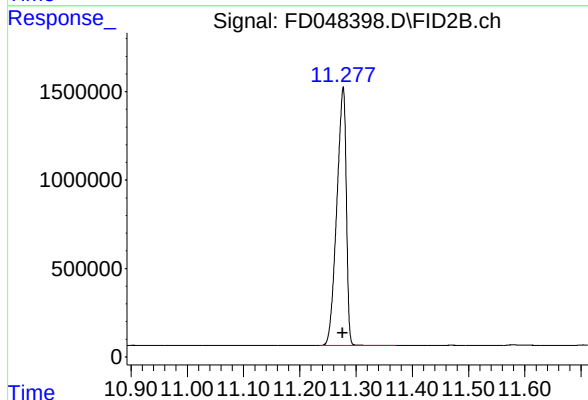
ClientSampleId :

100 PPM AROMATIC HC STD1



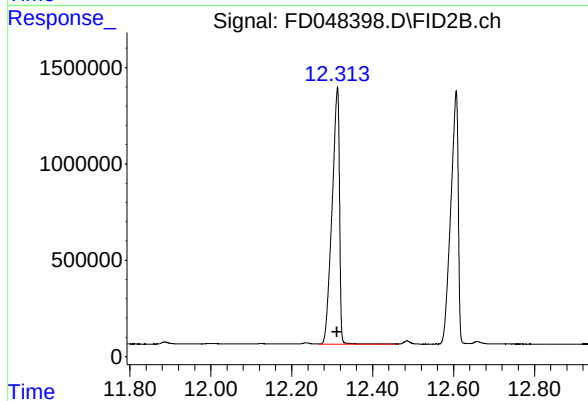
#10 Anthracene (C19.43)

R.T.: 10.582 min
Delta R.T.: 0.000 min
Response: 16550190
Conc: 96.03 ug/ml



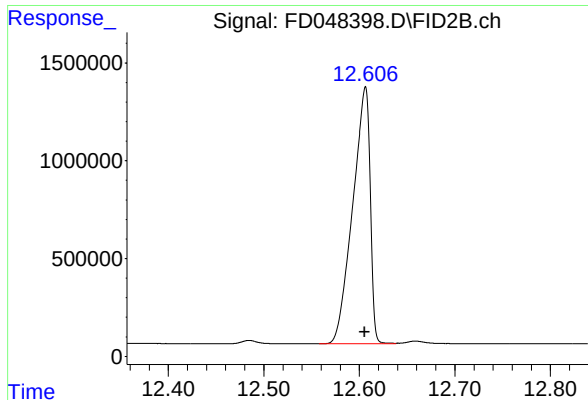
#11 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: 0.000 min
Response: 17090754
Conc: 95.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.312 min
Delta R.T.: 0.000 min
Response: 16931938
Conc: 96.61 ug/ml



#13 Pyrene (C20.8)

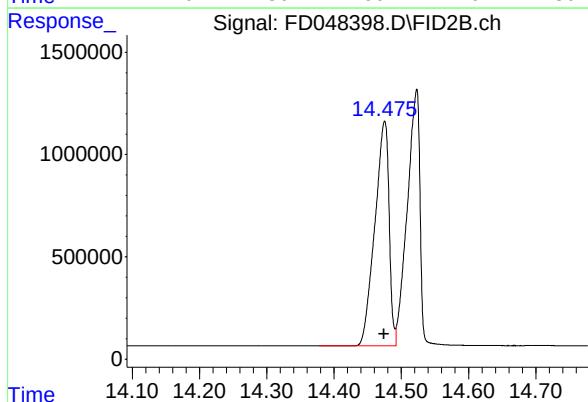
R.T.: 12.605 min
Delta R.T.: 0.000 min
Response: 16804934
Conc: 96.50 ug/ml

Instrument :

FID_D

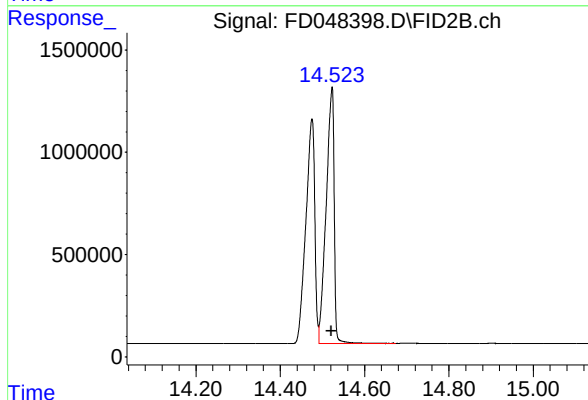
ClientSampleId :

100 PPM AROMATIC HC STD1



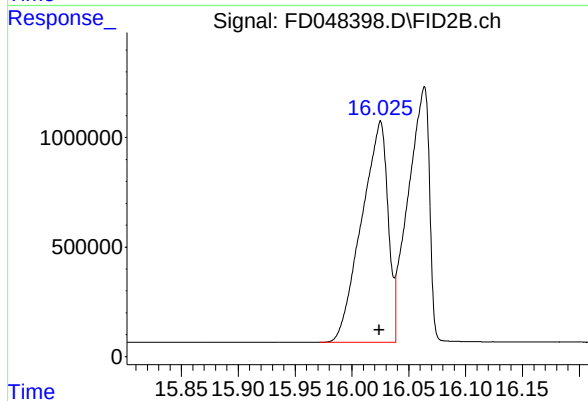
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: 0.000 min
Response: 16142668
Conc: 98.54 ug/ml



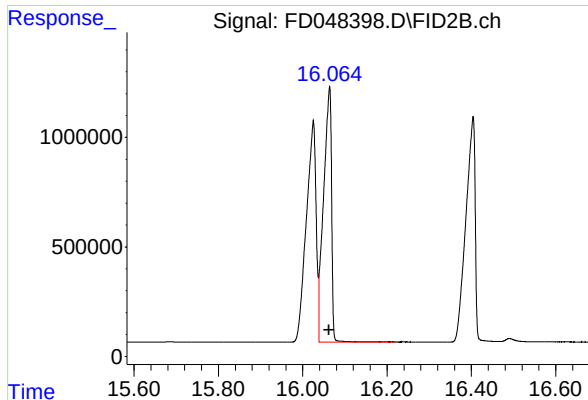
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.000 min
Response: 16511891
Conc: 94.84 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 16340653
Conc: 97.83 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

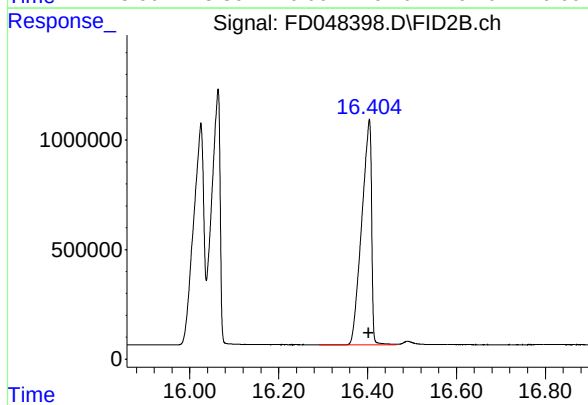
R.T.: 16.062 min
Delta R.T.: 0.000 min
Response: 15204824
Conc: 95.93 ug/ml

Instrument :

FID_D

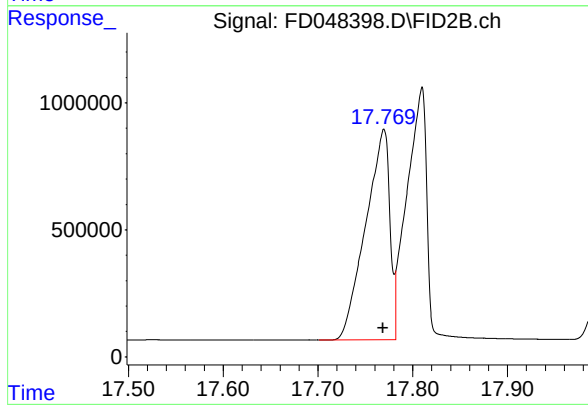
ClientSampleId :

100 PPM AROMATIC HC STD1



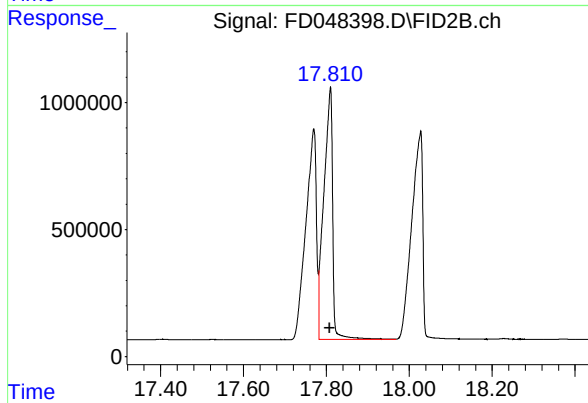
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.403 min
Delta R.T.: 0.000 min
Response: 15774557
Conc: 97.01 ug/ml



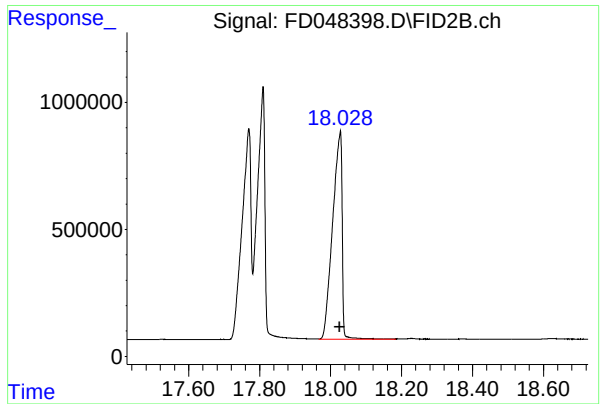
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.769 min
Delta R.T.: 0.000 min
Response: 14738374
Conc: 104.65 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.808 min
Delta R.T.: 0.000 min
Response: 14680138
Conc: 92.54 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.026 min
Delta R.T.: 0.000 min
Response: 15193201
Conc: 96.34 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048398.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 10:32
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.207	4.164	4.263	BV	1915723	16808820	94.42%	4.964%
2	5.727	5.664	5.941	BB	1872447	17729732	99.59%	5.236%
3	6.776	6.735	6.897	VV	1717584	17802071	100.00%	5.257%
4	7.387	7.288	7.492	BV	1560603	15119127	84.93%	4.465%
5	8.042	8.003	8.198	PB	1635352	17444290	97.99%	5.152%
6	8.238	8.198	8.300	BV	1016626	10212063	57.36%	3.016%
7	8.339	8.300	8.481	VB	1641134	17443576	97.99%	5.152%
8	9.117	8.988	9.261	BV	1531823	17126947	96.21%	5.058%
9	10.505	10.421	10.543	BV	1397756	17035396	95.69%	5.031%
10	10.582	10.543	10.784	VB	1374690	16525531	92.83%	4.880%
11	11.276	11.074	11.371	BB	1486072	17092393	96.01%	5.048%
12	12.312	12.268	12.458	VV	1302464	16901440	94.94%	4.991%
13	12.605	12.558	12.638	BV	1285020	16803834	94.39%	4.963%
14	14.474	14.301	14.492	BV	1097241	16141236	90.67%	4.767%
15	14.521	14.492	14.674	VV	1228449	16510593	92.75%	4.876%
16	16.024	15.971	16.039	BV	1003738	16339021	91.78%	4.825%
17	16.062	16.039	16.184	VB	1128407	15185368	85.30%	4.485%
18	16.403	16.291	16.464	BV	1053085	15772391	88.60%	4.658%
19	17.769	17.701	17.782	BV	822737	14738374	82.79%	4.353%
20	17.808	17.782	17.968	VV	969287	14680138	82.46%	4.335%
21	18.026	17.968	18.184	VV	801967	15193201	85.35%	4.487%
Sum of corrected areas:						338605545		

Aromatic EPH 093024.M Tue Oct 01 01:47:33 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048399.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 11:10
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 30 12:34:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 12:29:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.383	8053284	50.892 ug/ml
Spiked Amount 50.000		Recovery =	101.78%
6) S 2-Fluorobiphenyl (SURR)	8.233	5363905	51.056 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.11%
11) S ortho-Terphenyl (SURR)	11.270	9118209	50.790 ug/ml
Spiked Amount 50.000		Recovery =	101.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	8896963	51.031 ug/ml
2) T Naphthalene (C11.7)	5.723	9355415	50.785 ug/ml
3) T 2-Methylnaphthalene (...)	6.771	9401412	50.779 ug/ml
5) T Acenaphthylene (C15.06)	8.037	9277174	50.667 ug/ml
7) T Acenaphthene (C15.5)	8.333	9308587	50.754 ug/ml
8) T Fluorene (C16.55)	9.111	9110768	50.892 ug/ml
9) T Phenanthrene (C19.36)	10.498	9022332	50.995 ug/ml
10) T Anthracene (C19.43)	10.574	8792165	50.672 ug/ml
12) T Fluoranthene (C21.85)	12.304	9031075	51.008 ug/ml
13) T Pyrene (C20.8)	12.597	8955008	50.941 ug/ml
14) T Benzo[a]anthracene (C...	14.466	8534836	51.382 ug/ml
15) T Chrysene (C27.41)	14.509	8851759	50.558 ug/ml
16) T benzo[b]fluoranthene ...	16.013	8576544	50.889 ug/ml
17) T Bnezo[k]fluoranthene ...	16.048	8089512	50.688 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.390	8357472	50.921 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	7322210	51.311 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	8013212	50.343 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	7980065	50.401 ug/ml

(f)=RT Delta > 1/2 Window

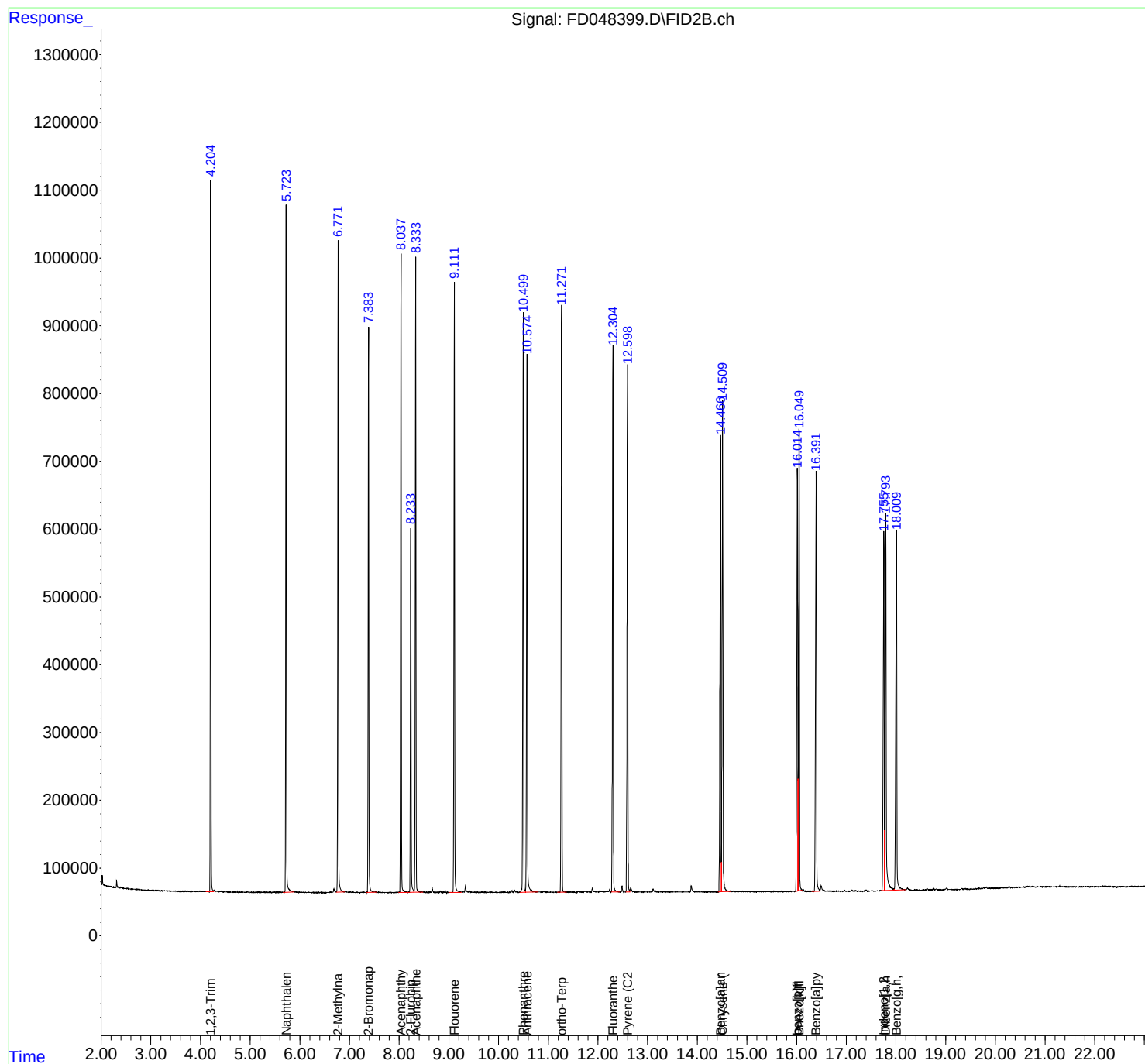
(m)=manual int.

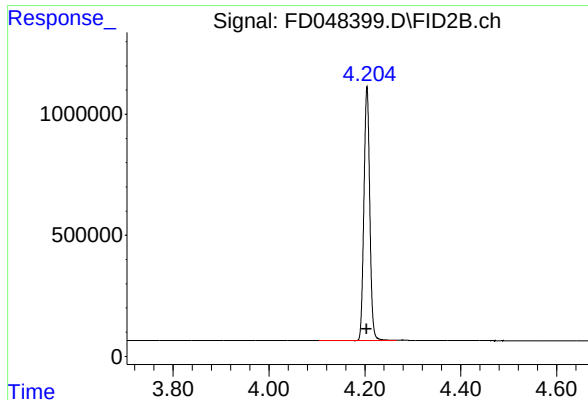
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048399.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 11:10
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Sep 30 12:34:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 12:29:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

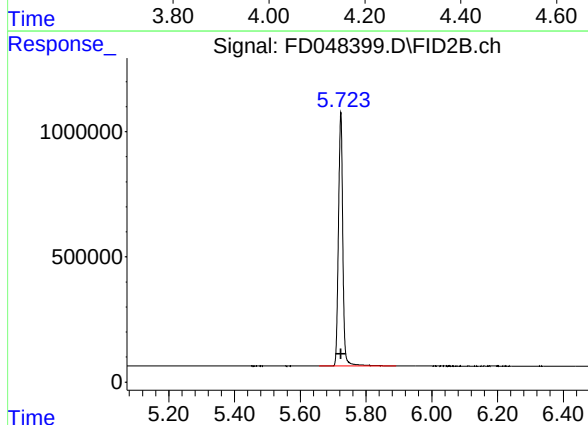




#1 1,2,3-Trimethylbenzene (C10.1)

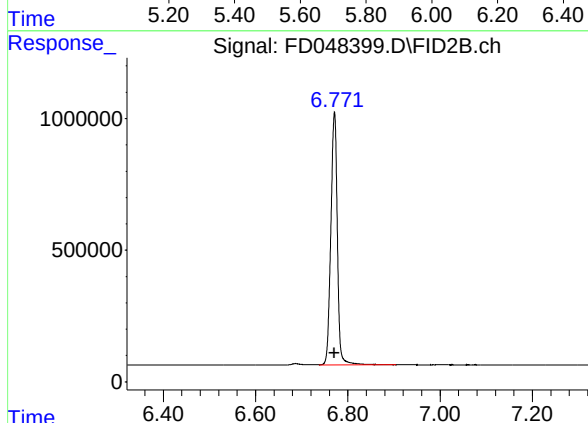
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 8896963
Conc: 51.03 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



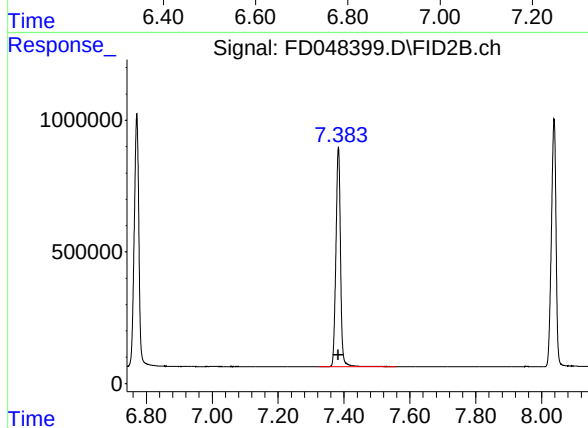
#2 Naphthalene (C11.7)

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 9355415
Conc: 50.78 ug/ml



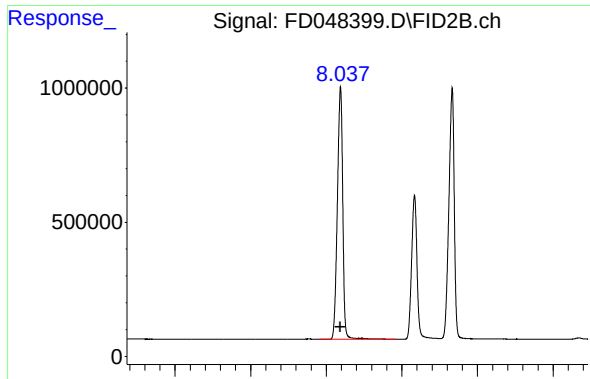
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 9401412
Conc: 50.78 ug/ml



#4 2-Bromonaphthalene (SURR)

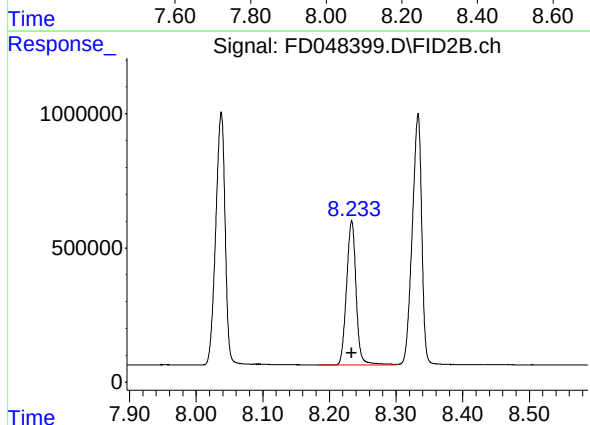
R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 8053284
Conc: 50.89 ug/ml



#5 Acenaphthylene (C15.06)

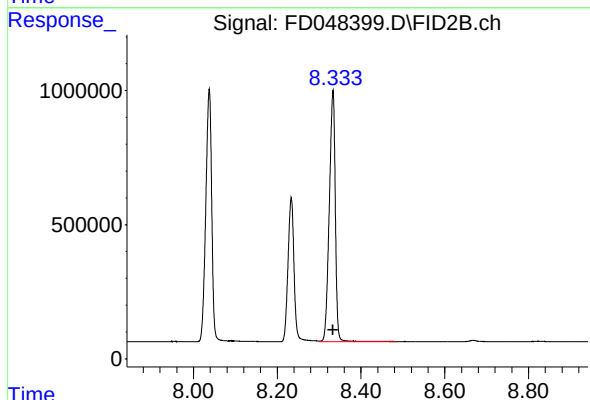
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 9277174
Conc: 50.67 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



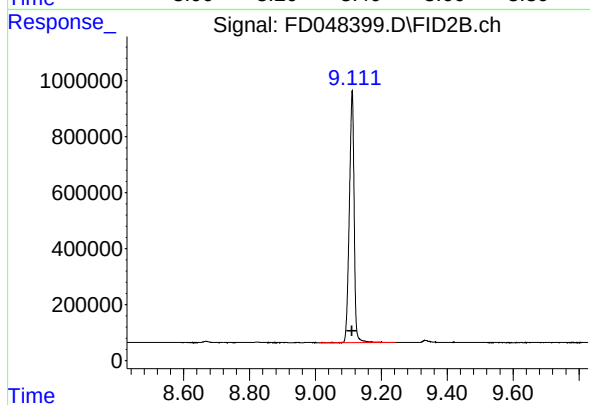
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 5363905
Conc: 51.06 ug/ml



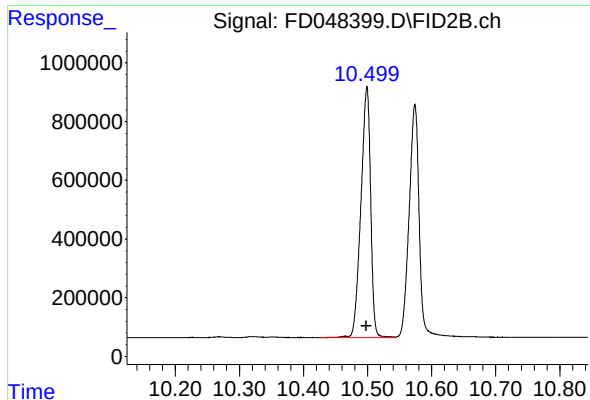
#7 Acenaphthene (C15.5)

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 9308587
Conc: 50.75 ug/ml



#8 Flouorene (C16.55)

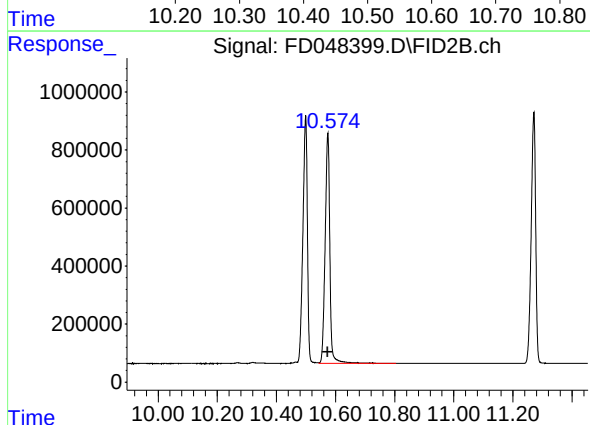
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 9110768
Conc: 50.89 ug/ml



#9 Phenanthrene (C19.36)

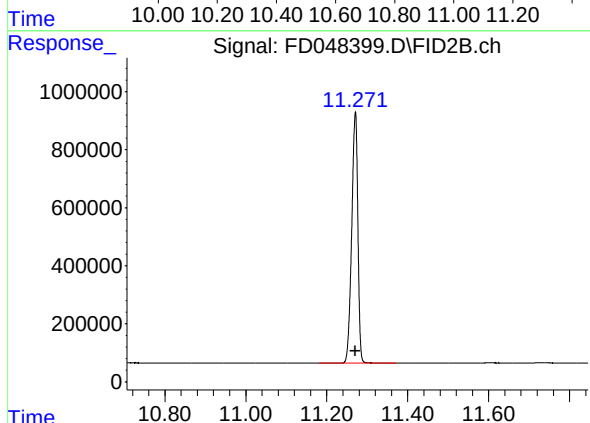
R.T.: 10.498 min
Delta R.T.: 0.000 min
Response: 9022332
Conc: 51.00 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



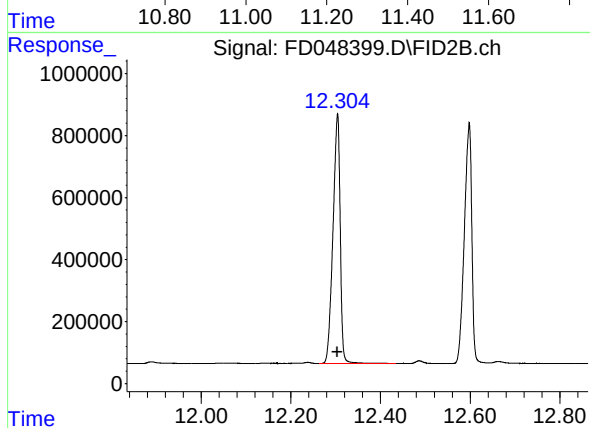
#10 Anthracene (C19.43)

R.T.: 10.574 min
Delta R.T.: 0.000 min
Response: 8792165
Conc: 50.67 ug/ml



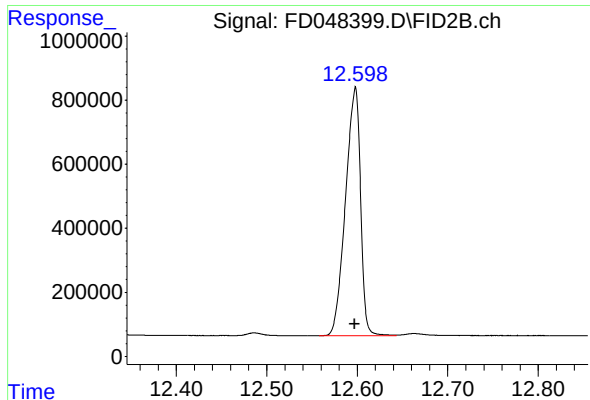
#11 ortho-Terphenyl (SURR)

R.T.: 11.270 min
Delta R.T.: 0.000 min
Response: 9118209
Conc: 50.79 ug/ml



#12 Fluoranthene (C21.85)

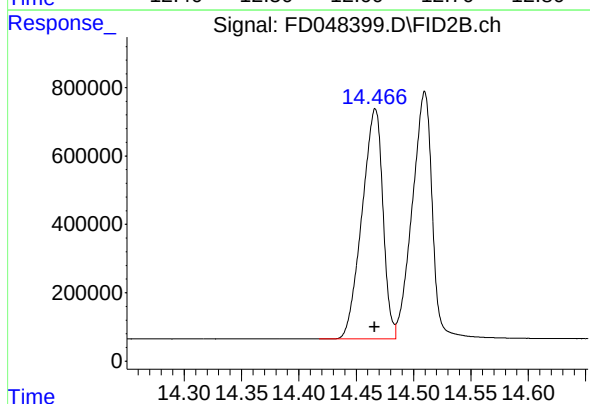
R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 9031075
Conc: 51.01 ug/ml



#13 Pyrene (C20.8)

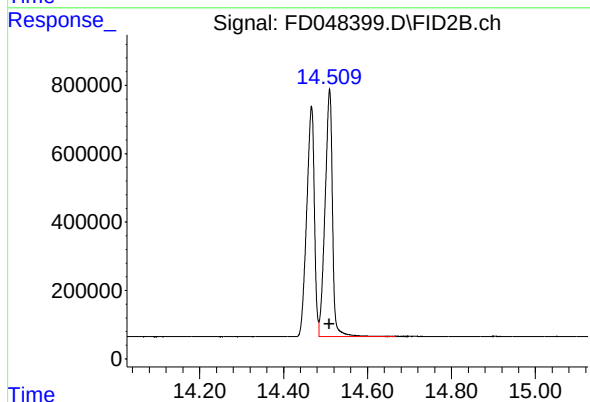
R.T.: 12.597 min
Delta R.T.: 0.000 min
Response: 8955008
Conc: 50.94 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



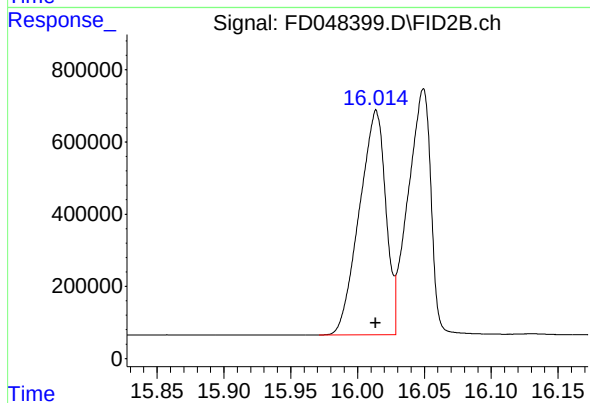
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: 0.000 min
Response: 8534836
Conc: 51.38 ug/ml



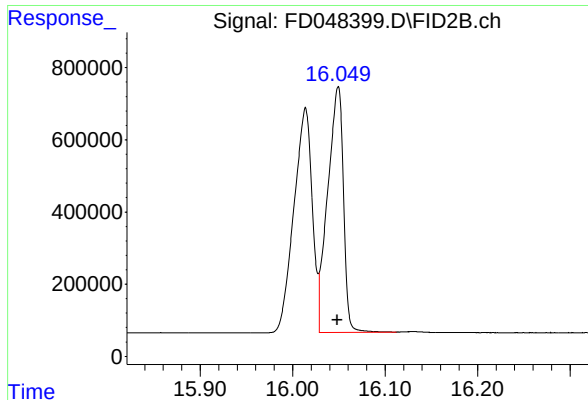
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: 0.000 min
Response: 8851759
Conc: 50.56 ug/ml



#16 benzo[b]fluoranthene (C30.41)

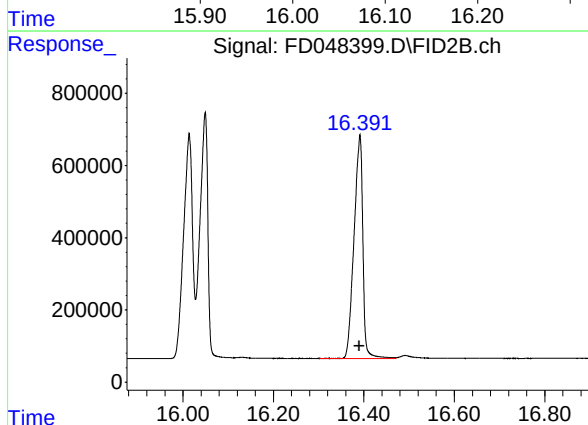
R.T.: 16.013 min
Delta R.T.: 0.000 min
Response: 8576544
Conc: 50.89 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

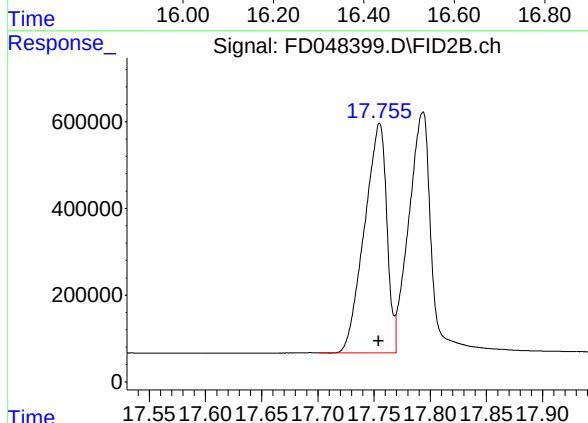
R.T.: 16.048 min
Delta R.T.: 0.000 min
Response: 8089512
Conc: 50.69 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



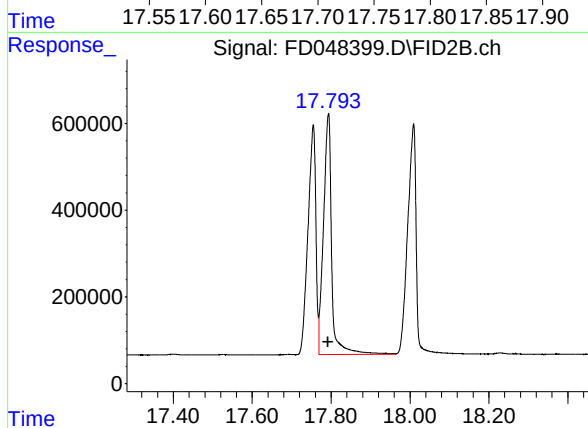
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: 0.000 min
Response: 8357472
Conc: 50.92 ug/ml



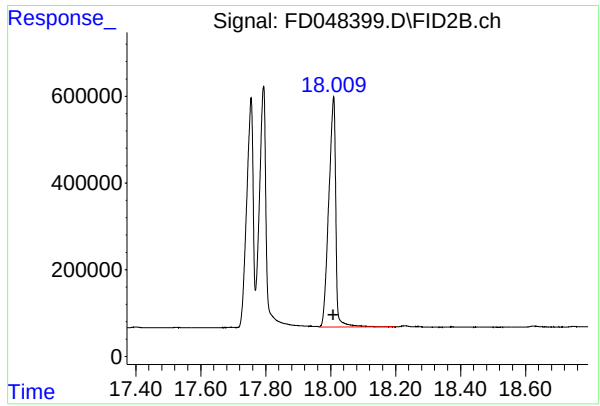
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: 0.000 min
Response: 7322210
Conc: 51.31 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.793 min
Delta R.T.: 0.000 min
Response: 8013212
Conc: 50.34 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.008 min
Delta R.T.: 0.000 min
Response: 7980065
Conc: 50.40 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

A
B
C
D
E
F
G
H
I
J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048399.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 11:10
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.204	4.138	4.265	BV	1045239	8844267	94.06%	4.936%
2	5.723	5.658	5.891	BV	1020976	9343668	99.37%	5.215%
3	6.771	6.738	6.904	VV	960640	9403190	100.00%	5.248%
4	7.383	7.275	7.528	PB	837974	8028291	85.38%	4.480%
5	8.037	7.981	8.168	VB	944306	9271271	98.60%	5.174%
6	8.233	8.178	8.300	BV	539343	5360312	57.01%	2.991%
7	8.333	8.300	8.481	VB	915788	9306766	98.97%	5.194%
8	9.111	9.021	9.244	BV	895204	9076333	96.52%	5.065%
9	10.498	10.398	10.544	BV	844446	9014676	95.87%	5.031%
10	10.574	10.544	10.781	VB	797965	8775430	93.32%	4.897%
11	11.270	11.184	11.371	BV	872834	9112859	96.91%	5.086%
12	12.304	12.263	12.434	PB	812257	8998589	95.70%	5.022%
13	12.597	12.558	12.643	BV	778213	8954963	95.23%	4.998%
14	14.466	14.318	14.485	BV	683059	8526273	90.67%	4.758%
15	14.509	14.485	14.668	VB	714287	8844035	94.05%	4.936%
16	16.013	15.971	16.029	BV	624297	8576544	91.21%	4.786%
17	16.048	16.029	16.112	VV	674122	8089512	86.03%	4.515%
18	16.390	16.204	16.471	BV	618316	8343619	88.73%	4.656%
19	17.754	17.701	17.769	BV	530824	7322210	77.87%	4.086%
20	17.793	17.769	17.964	VV	549809	8013212	85.22%	4.472%
21	18.008	17.964	18.201	VBA	525536	7980065	84.87%	4.454%
Sum of corrected areas:						179186086		

Aromatic EPH 093024.M Tue Oct 01 01:48:30 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048400.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 11:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 30 12:30:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 12:29:39 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.382	3246497	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.232	2113006	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.267	3706162	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	3531993	20.000 ug/ml
2) T Naphthalene (C11.7)	5.722	3751038	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.769	3782649	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.034	3784046	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.328	3783016	20.000 ug/ml
8) T Fluorene (C16.55)	9.107	3664123	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.494	3599000	20.000 ug/ml
10) T Anthracene (C19.43)	10.569	3583756	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.298	3624323	20.000 ug/ml
13) T Pyrene (C20.8)	12.591	3604512	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.460	3323894	20.000 ug/ml
15) T Chrysene (C27.41)	14.501	3661741	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.005	3413368	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.037	3298832	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	3349724	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	2685595	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.784	3409082	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	3269223	20.000 ug/ml

(f)=RT Delta > 1/2 Window

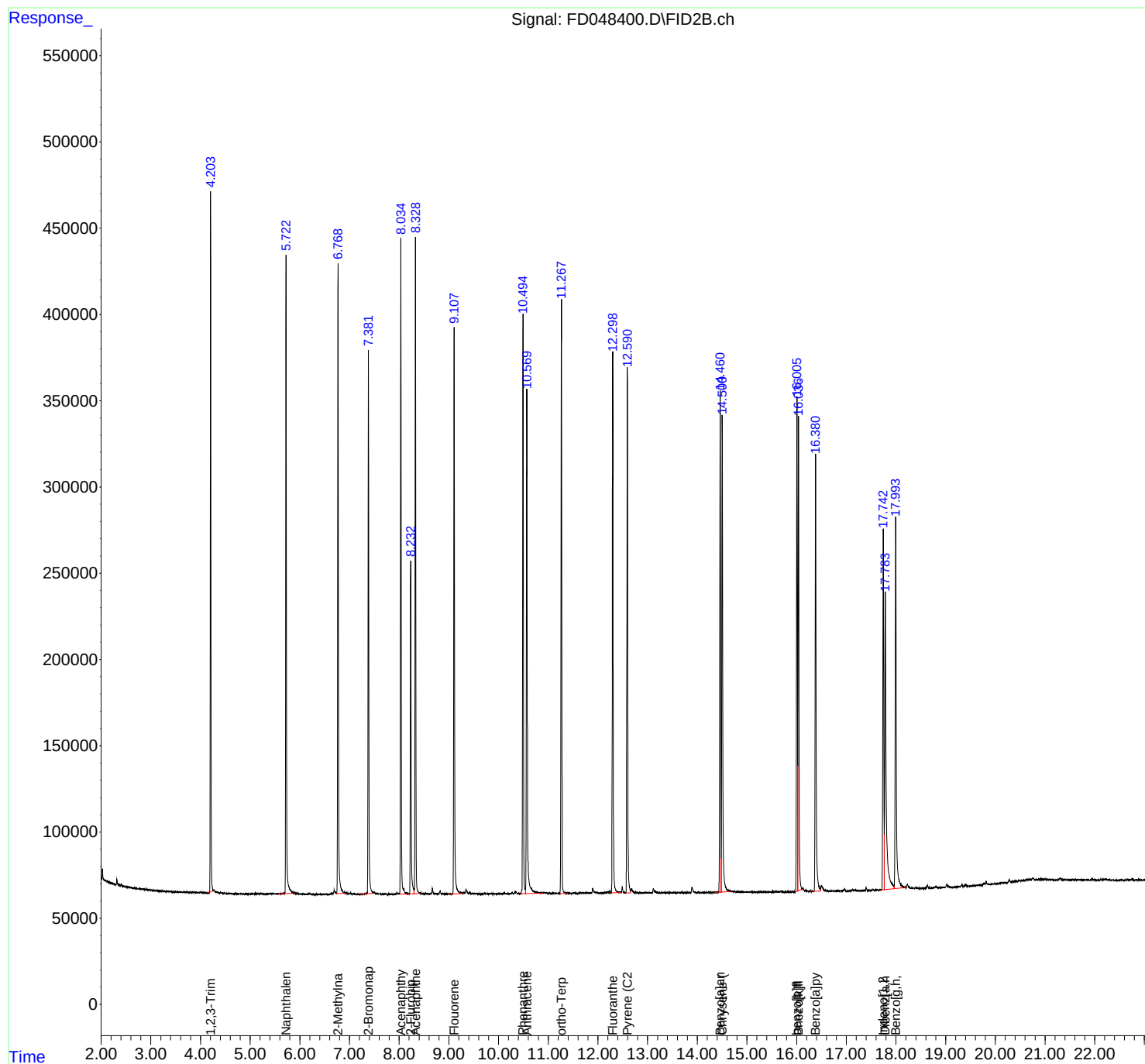
(m)=manual int.

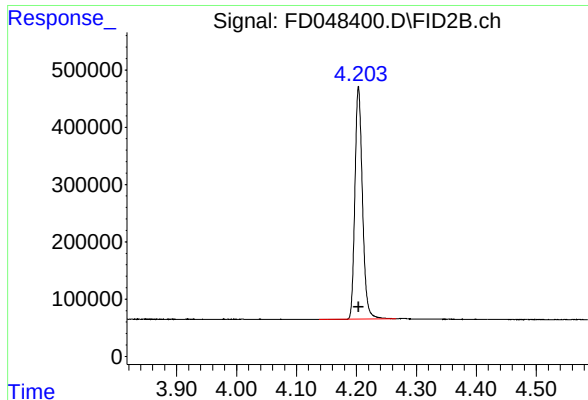
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048400.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 11:48
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Sep 30 12:30:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 12:29:39 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

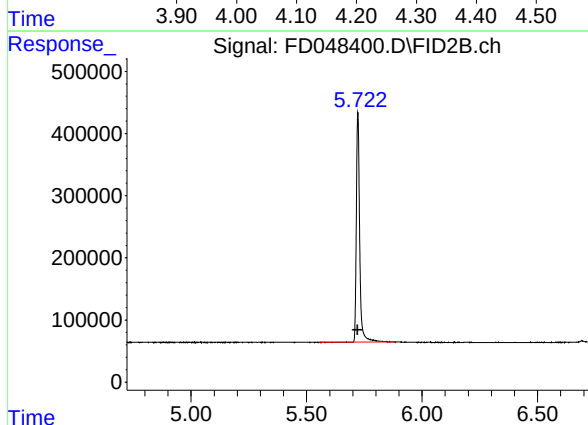




#1 1,2,3-Trimethylbenzene (C10.1)

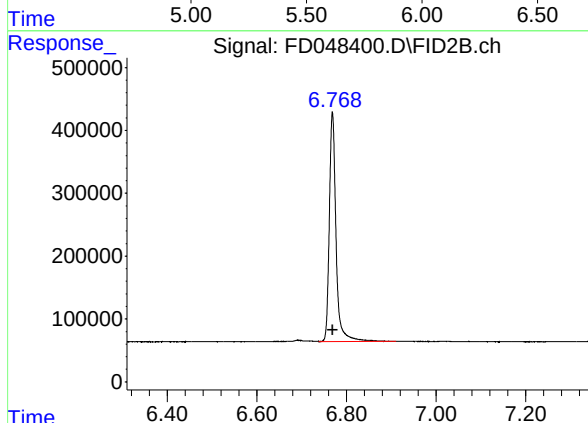
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 3531993
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



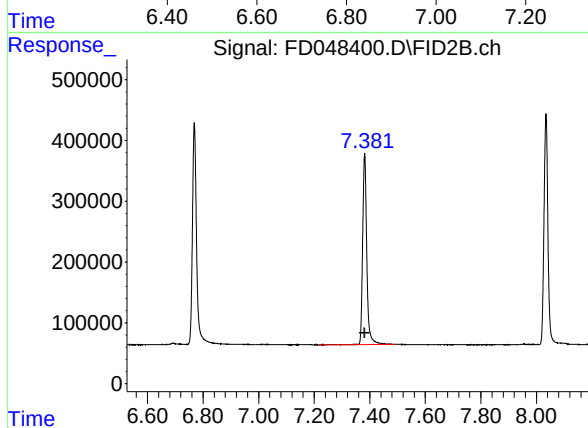
#2 Naphthalene (C11.7)

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 3751038
Conc: 20.00 ug/ml



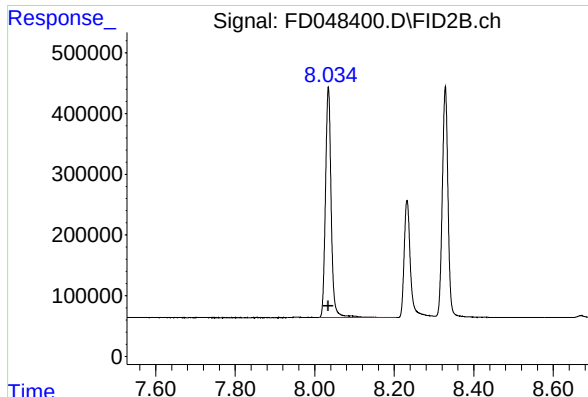
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 3782649
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

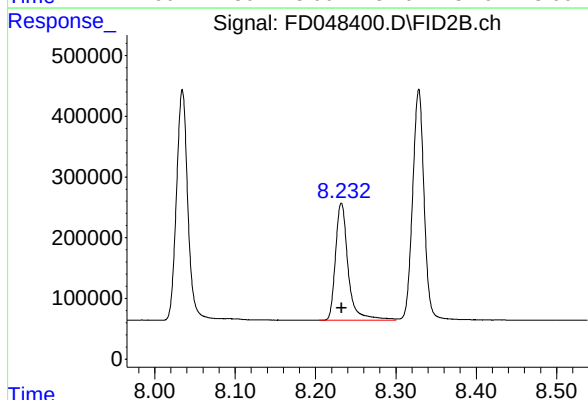
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 3246497
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

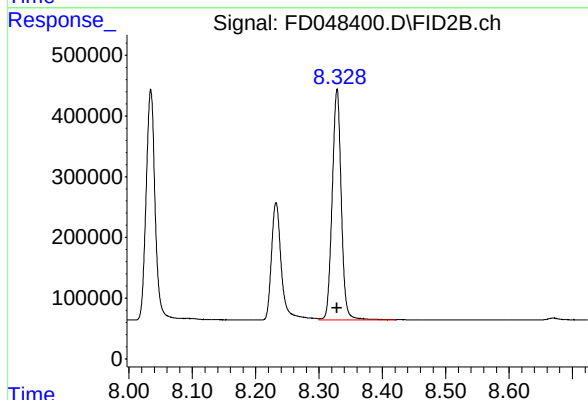
R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 3784046
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



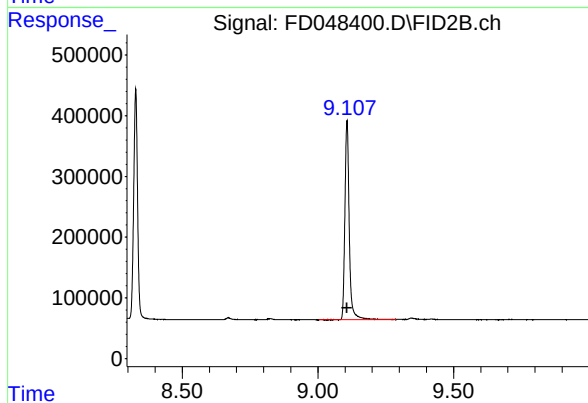
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 2113006
Conc: 20.00 ug/ml



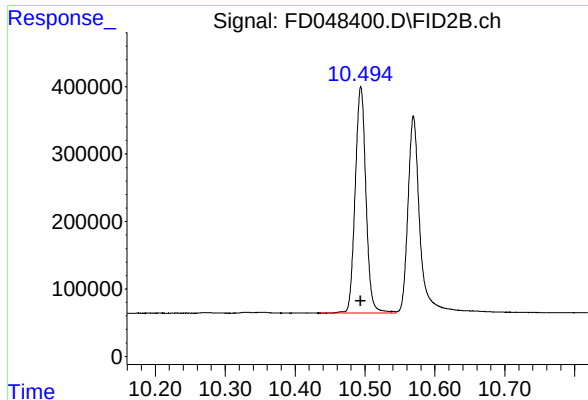
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 3783016
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

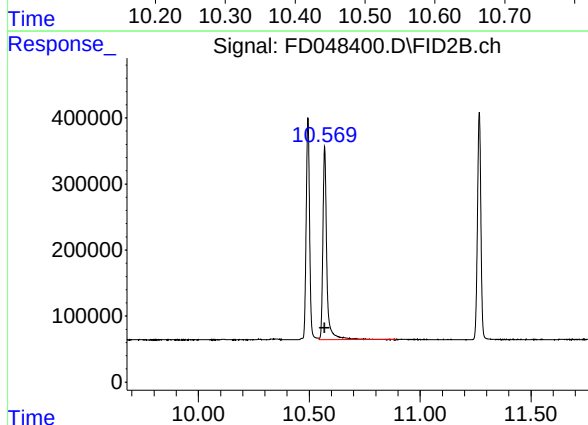
R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 3664123
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

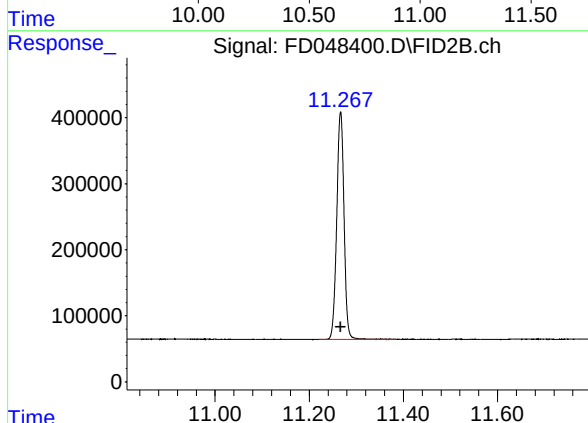
R.T.: 10.494 min
Delta R.T.: 0.000 min
Response: 3599000
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



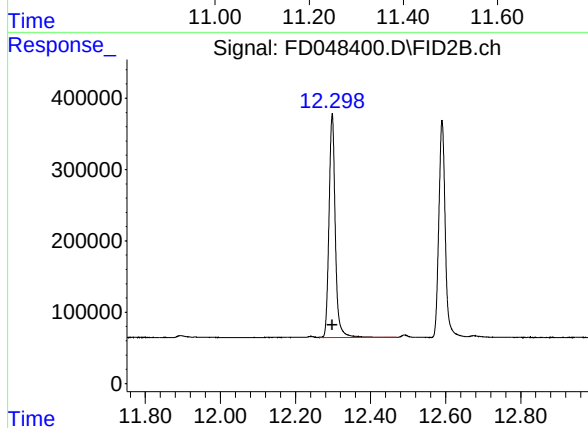
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: 0.000 min
Response: 3583756
Conc: 20.00 ug/ml



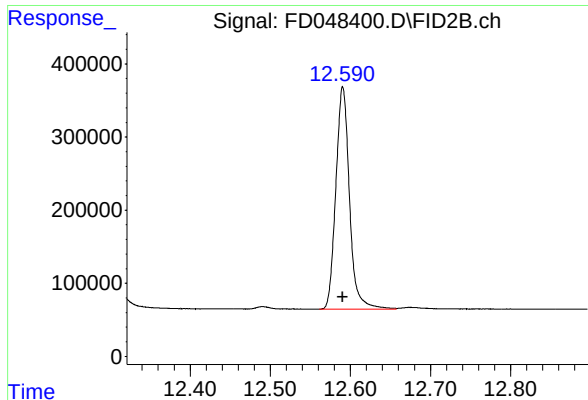
#11 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.000 min
Response: 3706162
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

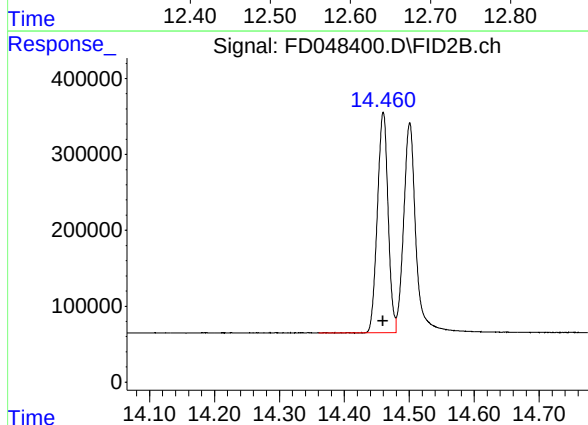
R.T.: 12.298 min
Delta R.T.: 0.000 min
Response: 3624323
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

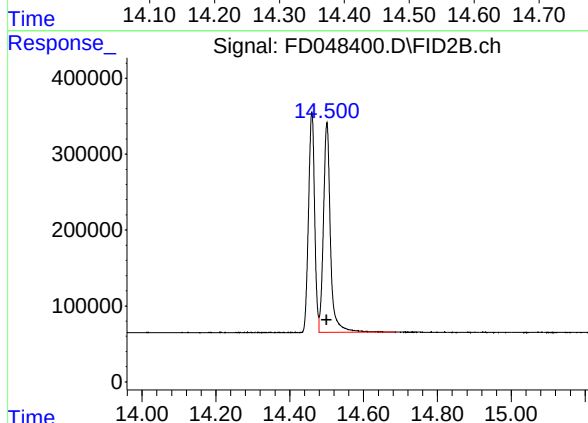
R.T.: 12.591 min
Delta R.T.: 0.000 min
Response: 3604512
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



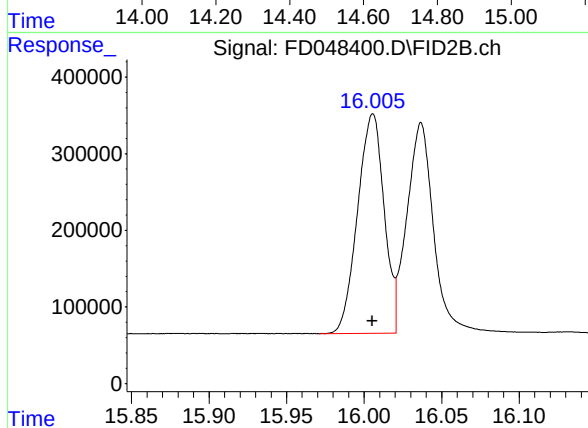
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: 0.000 min
Response: 3323894
Conc: 20.00 ug/ml



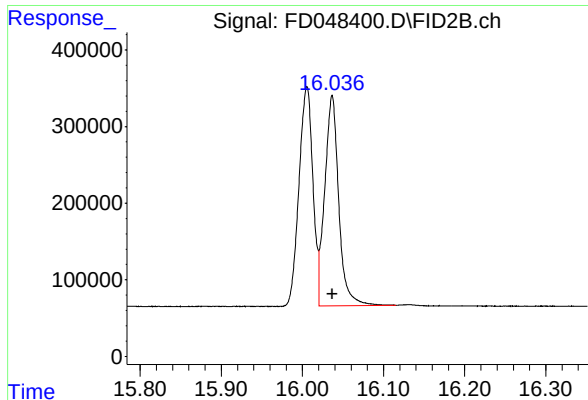
#15 Chrysene (C27.41)

R.T.: 14.501 min
Delta R.T.: 0.000 min
Response: 3661741
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

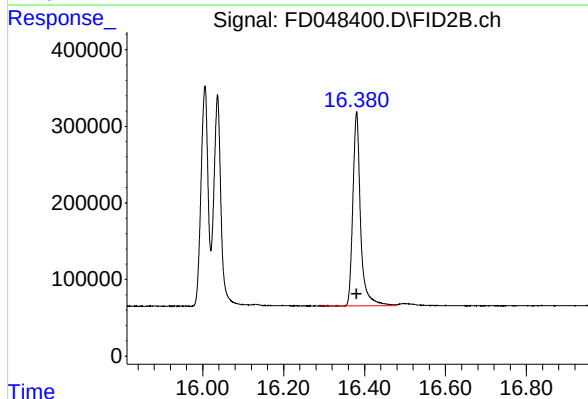
R.T.: 16.005 min
Delta R.T.: 0.000 min
Response: 3413368
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

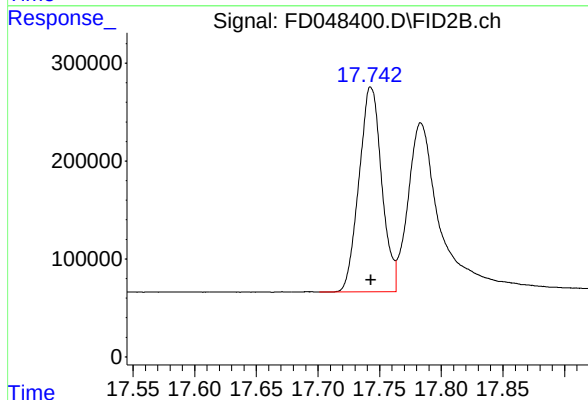
R.T.: 16.037 min
Delta R.T.: 0.000 min
Response: 3298832
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



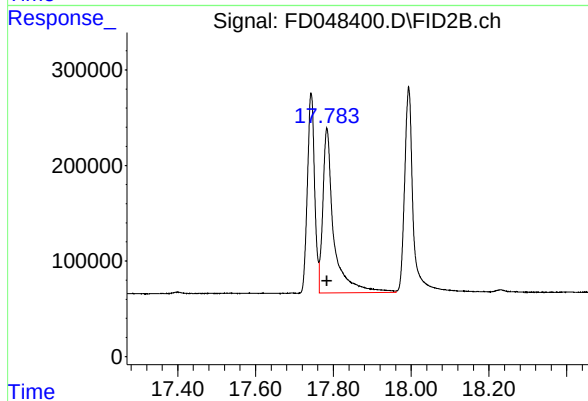
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: 0.000 min
Response: 3349724
Conc: 20.00 ug/ml



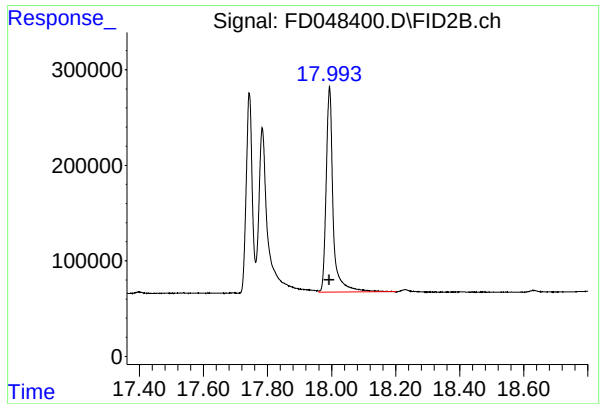
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: 0.000 min
Response: 2685595
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.784 min
Delta R.T.: 0.000 min
Response: 3409082
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.993 min
Delta R.T.: 0.000 min
Response: 3269223
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048400.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 11:48
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.204	4.151	4.266	BV	400376	3537815	93.04%	4.912%
2	5.722	5.581	5.888	BV	369307	3754770	98.74%	5.213%
3	6.769	6.739	6.911	VB	364360	3783797	99.50%	5.253%
4	7.382	7.114	7.574	BB	313593	3296950	86.70%	4.577%
5	8.034	7.984	8.204	BB	379343	3765462	99.02%	5.228%
6	8.232	8.204	8.300	BV	193436	2116292	55.65%	2.938%
7	8.328	8.300	8.468	VB	378708	3802634	100.00%	5.279%
8	9.107	9.038	9.264	BB	327878	3643058	95.80%	5.058%
9	10.494	10.401	10.544	BV	335819	3590326	94.42%	4.985%
10	10.569	10.544	10.798	VB	289199	3544937	93.22%	4.921%
11	11.267	11.181	11.384	BB	345260	3694652	97.16%	5.129%
12	12.298	12.263	12.444	PB	312362	3617732	95.14%	5.023%
13	12.591	12.531	12.657	BV	303618	3561567	93.66%	4.945%
14	14.460	14.388	14.479	BV	292456	3322945	87.39%	4.613%
15	14.501	14.479	14.684	VB	276578	3655582	96.13%	5.075%
16	16.005	15.971	16.021	BV	284955	3413368	89.76%	4.739%
17	16.037	16.021	16.115	VV	275555	3298832	86.75%	4.580%
18	16.380	16.284	16.478	BV	253350	3265182	85.87%	4.533%
19	17.743	17.701	17.763	BV	209613	2685595	70.62%	3.728%
20	17.784	17.763	17.961	VV	171664	3409082	89.65%	4.733%
21	17.993	17.961	18.201	VBA	216275	3269223	85.97%	4.539%
Sum of corrected areas:						72029803		

Aromatic EPH 093024.M Tue Oct 01 01:49:11 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048401.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 12:47
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 30 13:23:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 13:23:03 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.381	1605451	10.109 ug/ml
Spiked Amount 50.000		Recovery =	20.22%
6) S 2-Fluorobiphenyl (SURR)	8.233	1016463	9.754 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.51%
11) S ortho-Terphenyl (SURR)	11.265	1833921	10.161 ug/ml
Spiked Amount 50.000		Recovery =	20.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	1731147	9.947 ug/ml
2) T Naphthalene (C11.7)	5.721	1840574	9.994 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	1908614	10.230 ug/ml
5) T Acenaphthylene (C15.06)	8.033	1960832	10.522 ug/ml
7) T Acenaphthene (C15.5)	8.326	1881168	10.191 ug/ml
8) T Fluorene (C16.55)	9.107	1798234	10.034 ug/ml
9) T Phenanthrene (C19.36)	10.493	1754425	9.937 ug/ml
10) T Anthracene (C19.43)	10.570	1840011	10.447 ug/ml
12) T Fluoranthene (C21.85)	12.298	1804434	10.143 ug/ml
13) T Pyrene (C20.8)	12.590	1743379	9.938 ug/ml
14) T Benzo[a]anthracene (C...	14.458	1549123	9.486 ug/ml
15) T Chrysene (C27.41)	14.499	1921102	10.712 ug/ml
16) T benzo[b]fluoranthene ...	16.003	1647278	9.830 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	1761068	10.756 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	1649795	10.039 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	1182778	8.659 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	1747599	10.717 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	1634016	10.238 ug/ml

(f)=RT Delta > 1/2 Window

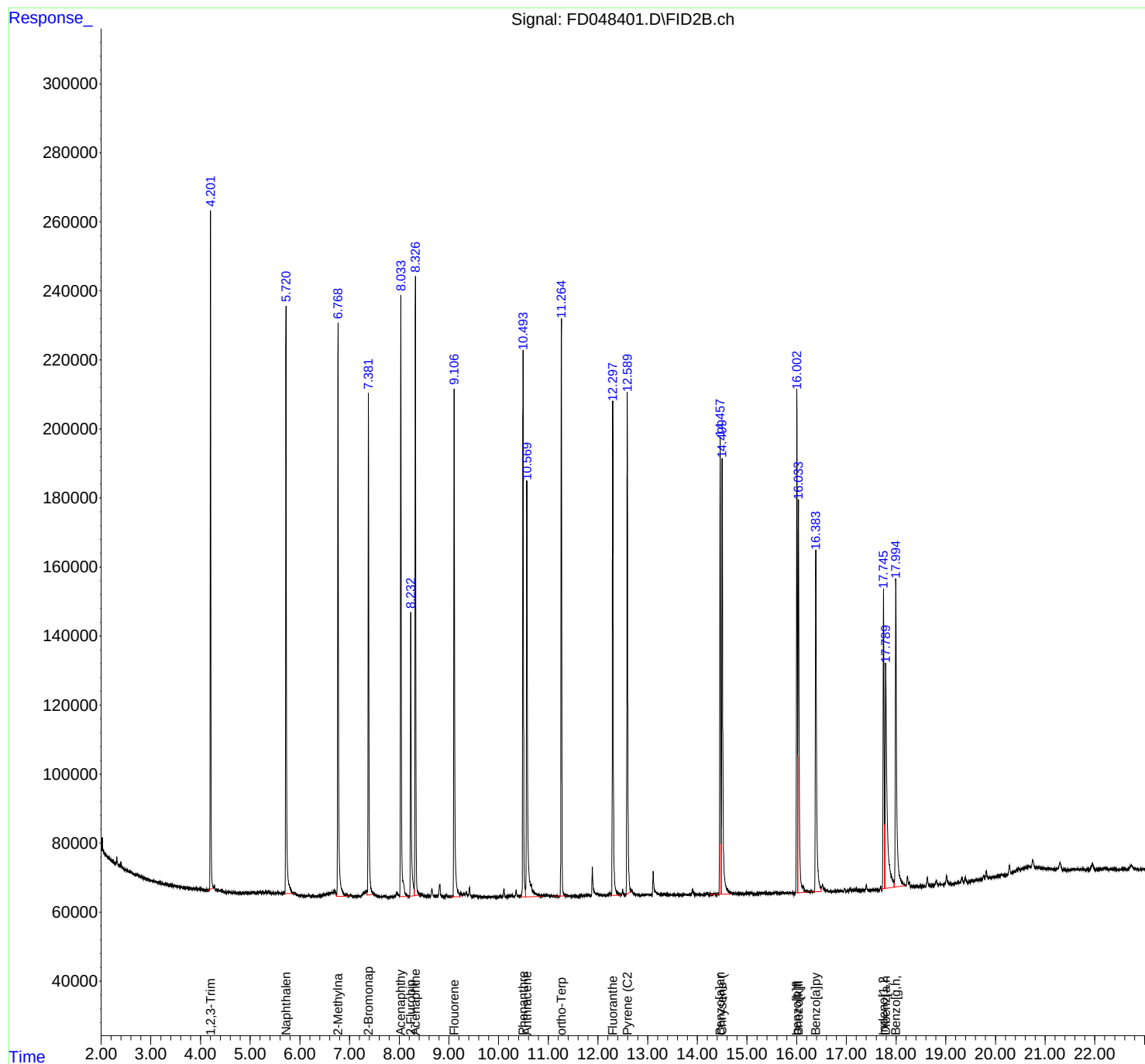
(m)=manual int.

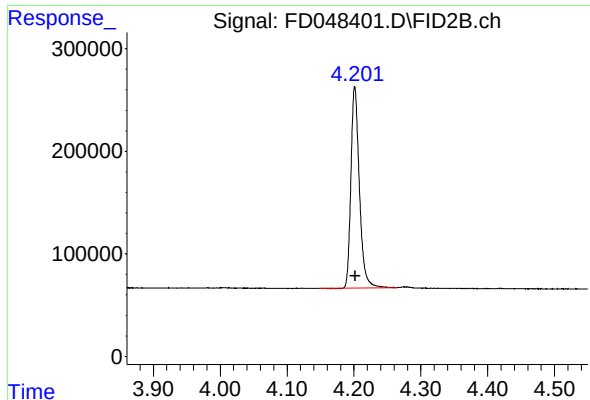
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048401.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 12:47
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Sep 30 13:23:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 13:23:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

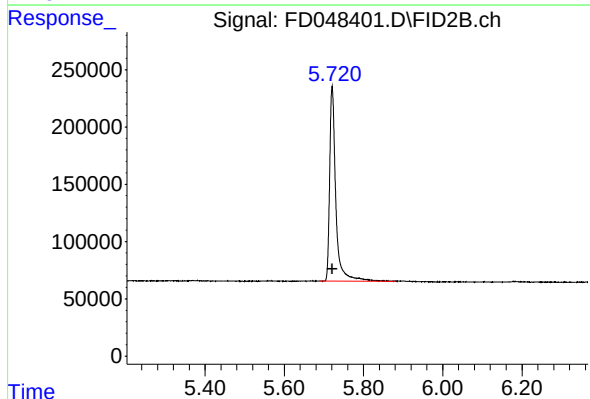




#1 1,2,3-Trimethylbenzene (C10.1)

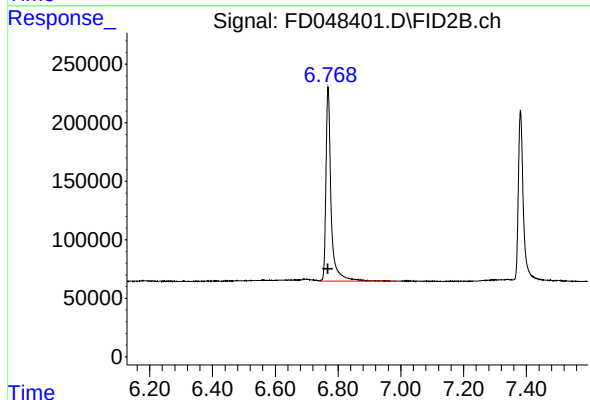
R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 1731147
Conc: 9.95 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



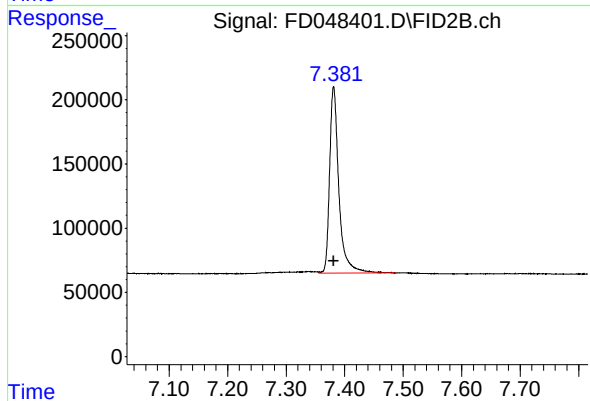
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 1840574
Conc: 9.99 ug/ml



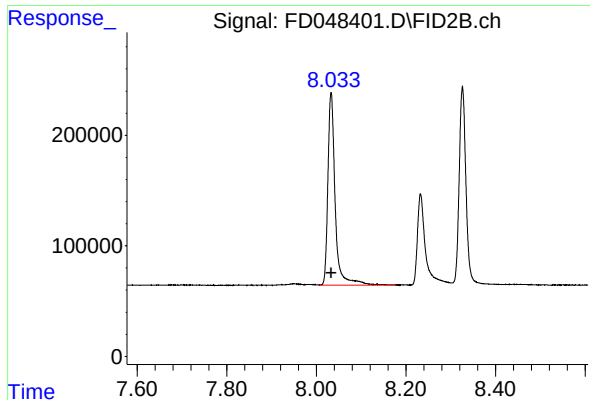
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 1908614
Conc: 10.23 ug/ml



#4 2-Bromonaphthalene (SURR)

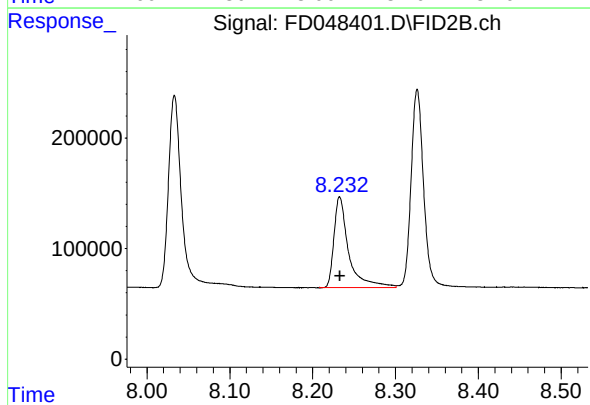
R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 1605451
Conc: 10.11 ug/ml



#5 Acenaphthylene (C15.06)

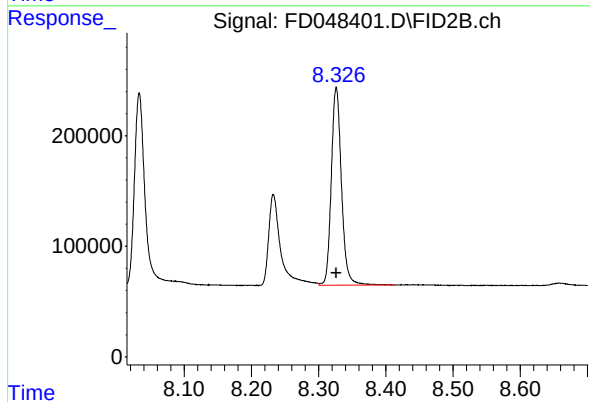
R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 1960832
Conc: 10.52 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



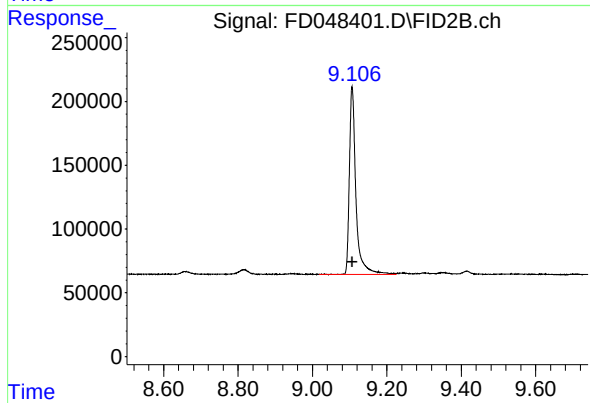
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 1016463
Conc: 9.75 ug/ml



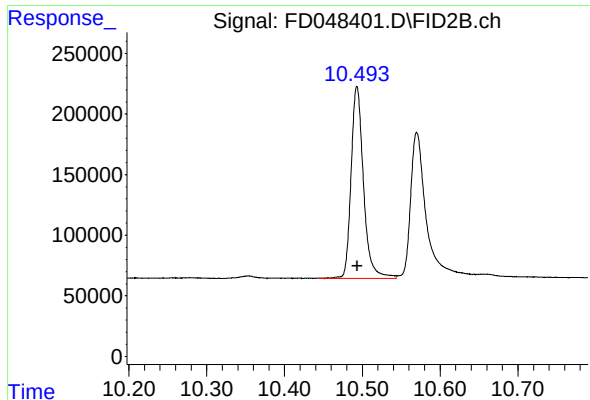
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 1881168
Conc: 10.19 ug/ml



#8 Flouorene (C16.55)

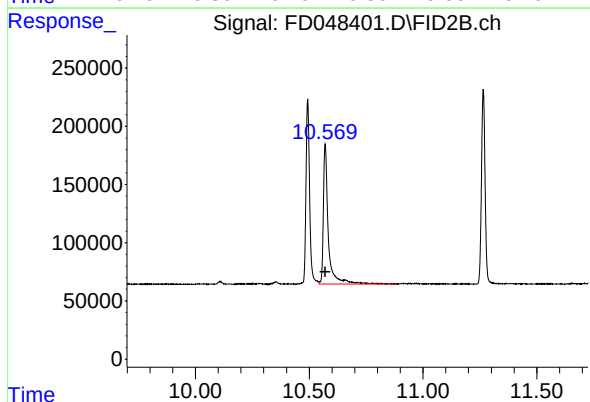
R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 1798234
Conc: 10.03 ug/ml



#9 Phenanthrene (C19.36)

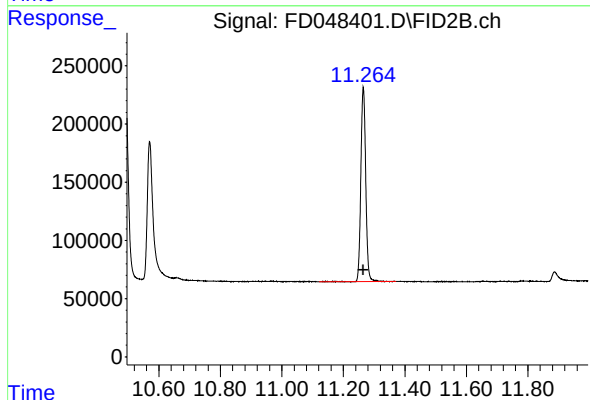
R.T.: 10.493 min
Delta R.T.: 0.000 min
Response: 1754425
Conc: 9.94 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



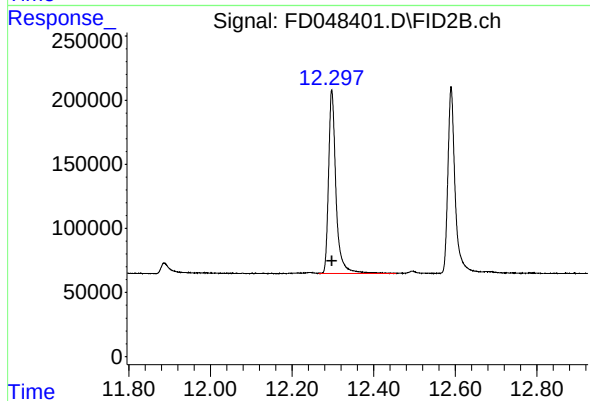
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: 0.000 min
Response: 1840011
Conc: 10.45 ug/ml



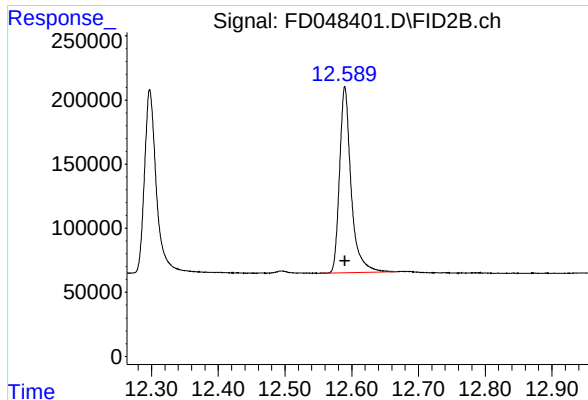
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 1833921
Conc: 10.16 ug/ml



#12 Fluoranthene (C21.85)

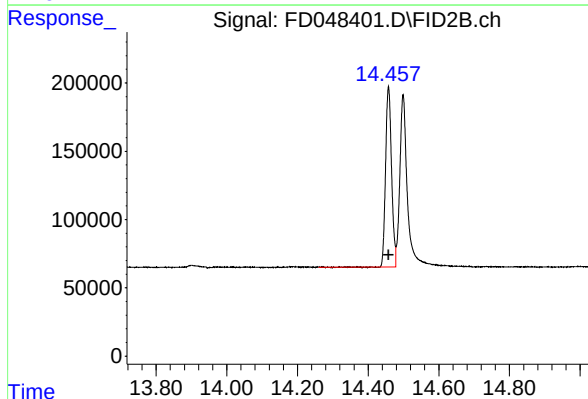
R.T.: 12.298 min
Delta R.T.: 0.000 min
Response: 1804434
Conc: 10.14 ug/ml



#13 Pyrene (C20.8)

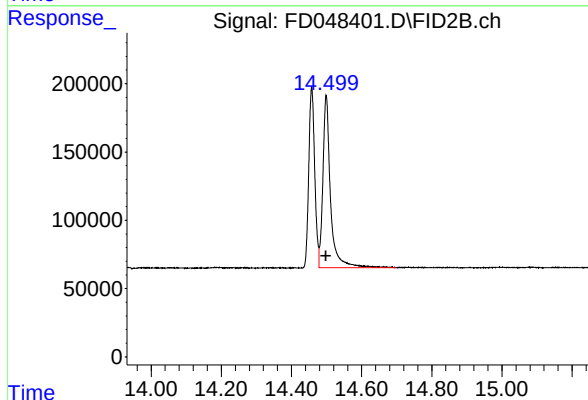
R.T.: 12.590 min
Delta R.T.: 0.000 min
Response: 1743379
Conc: 9.94 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



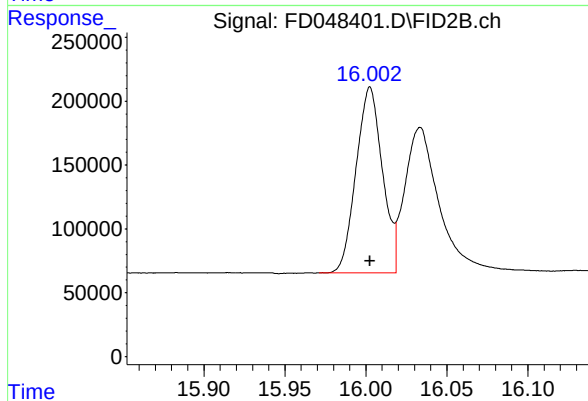
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: 0.000 min
Response: 1549123
Conc: 9.49 ug/ml



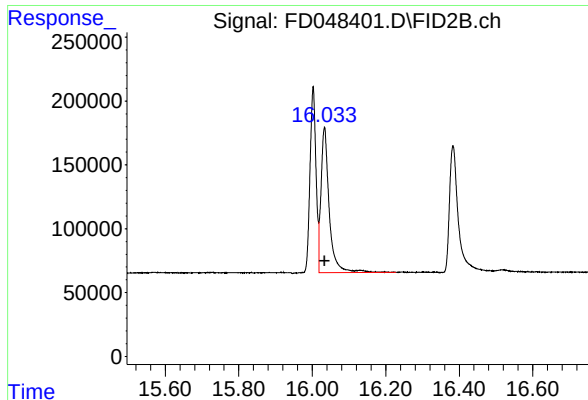
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.000 min
Response: 1921102
Conc: 10.71 ug/ml



#16 benzo[b]fluoranthene (C30.41)

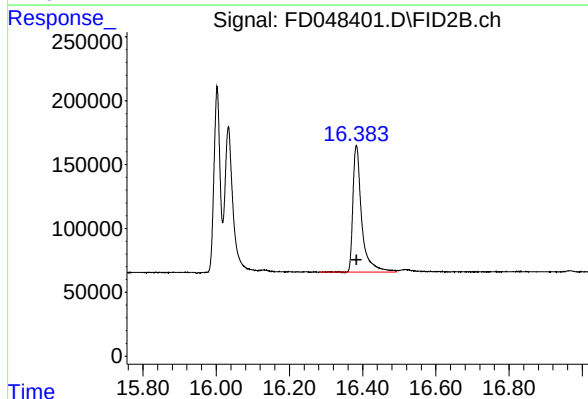
R.T.: 16.003 min
Delta R.T.: 0.000 min
Response: 1647278
Conc: 9.83 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

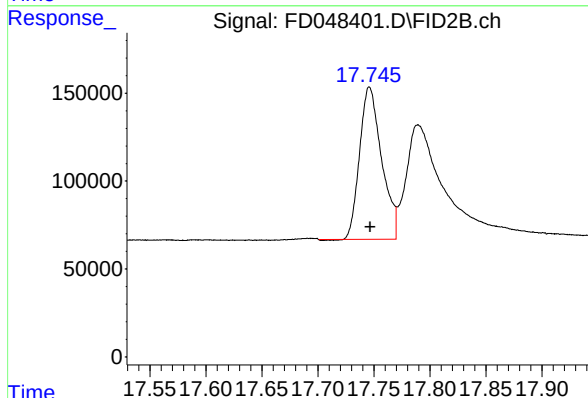
R.T.: 16.034 min
Delta R.T.: 0.000 min
Response: 1761068
Conc: 10.76 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



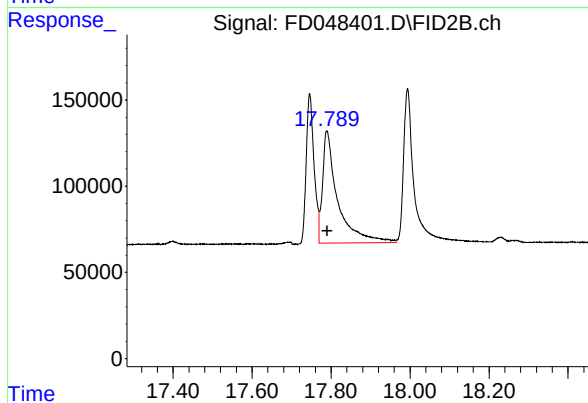
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: 0.000 min
Response: 1649795
Conc: 10.04 ug/ml



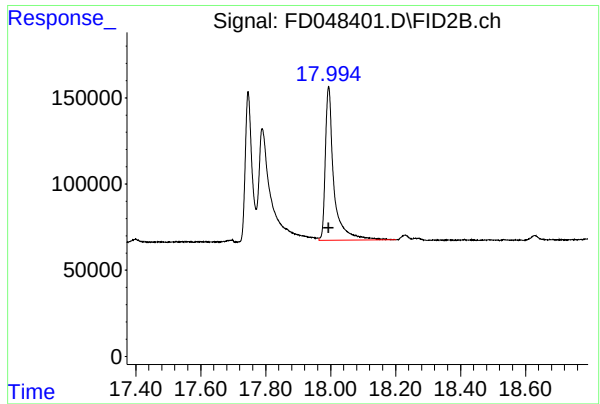
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.000 min
Response: 1182778
Conc: 8.66 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.791 min
Delta R.T.: 0.000 min
Response: 1747599
Conc: 10.72 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.994 min
Delta R.T.: 0.000 min
Response: 1634016
Conc: 10.24 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048401.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 12:47
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.202	4.138	4.263	BV	195850	1727884	88.39%	4.846%
2	5.721	5.631	5.941	BB	169208	1881784	96.26%	5.278%
3	6.768	6.740	6.918	VB	165020	1866265	95.46%	5.234%
4	7.381	7.356	7.488	VV	144807	1606006	82.15%	4.504%
5	8.033	8.011	8.178	BB	173492	1954924	100.00%	5.483%
6	8.233	8.191	8.301	BV	81005	1014853	51.91%	2.846%
7	8.326	8.301	8.414	VB	178121	1880303	96.18%	5.274%
8	9.107	9.034	9.224	BV	145407	1763617	90.21%	4.947%
9	10.493	10.404	10.543	BV	157368	1740277	89.02%	4.881%
10	10.570	10.543	10.764	VB	119507	1763147	90.19%	4.945%
11	11.265	11.188	11.371	BB	166999	1838895	94.06%	5.158%
12	12.298	12.268	12.454	VB	142765	1797355	91.94%	5.041%
13	12.590	12.531	12.731	BB	144505	1794544	91.80%	5.033%
14	14.458	14.381	14.479	BV	131788	1551742	79.38%	4.352%
15	14.499	14.479	14.698	VB	126126	1922381	98.34%	5.392%
16	16.003	15.971	16.019	BV	143982	1646846	84.24%	4.619%
17	16.034	16.019	16.188	VB	113857	1748508	89.44%	4.904%
18	16.384	16.301	16.491	BV	97799	1590023	81.33%	4.460%
19	17.747	17.701	17.770	BV	85150	1182778	60.50%	3.317%
20	17.791	17.770	17.964	VV	64132	1747599	89.39%	4.902%
21	17.994	17.964	18.201	VBA	88993	1634016	83.58%	4.583%
Sum of corrected areas:						35653748		

Aromatic EPH 093024.M Tue Oct 01 01:49:52 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048402.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 13:35
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 30 14:16:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:16:33 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.384	962842	5.815 ug/ml
Spiked Amount 50.000		Recovery =	11.63%
6) S 2-Fluorobiphenyl (SURR)	8.239	508479	4.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.81%
11) S ortho-Terphenyl (SURR)	11.266	990050	5.381 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	900690	5.139 ug/ml
2) T Naphthalene (C11.7)	5.725	984293	5.272 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	993261	5.256 ug/ml
5) T Acenaphthylene (C15.06)	8.035	1069085	5.573 ug/ml
7) T Acenaphthene (C15.5)	8.328	1037231	5.483 ug/ml
8) T Fluorene (C16.55)	9.111	932385	5.161 ug/ml
9) T Phenanthrene (C19.36)	10.497	899656	5.076 ug/ml
10) T Anthracene (C19.43)	10.575	925856	5.203 ug/ml
12) T Fluoranthene (C21.85)	12.301	963834	5.329 ug/ml
13) T Pyrene (C20.8)	12.593	968145	5.407 ug/ml
14) T Benzo[a]anthracene (C...	14.464	729221	4.563 ug/ml
15) T Chrysene (C27.41)	14.502	1076419	5.771 ug/ml
16) T benzo[b]fluoranthene ...	16.008	811870	4.875 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	969266	5.710 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.393	799268	4.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.760	556571	4.231 ug/ml
20) T Dibenz[a,h]anthracene...	17.806	921954	5.510 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	868643	5.348 ug/ml

(f)=RT Delta > 1/2 Window

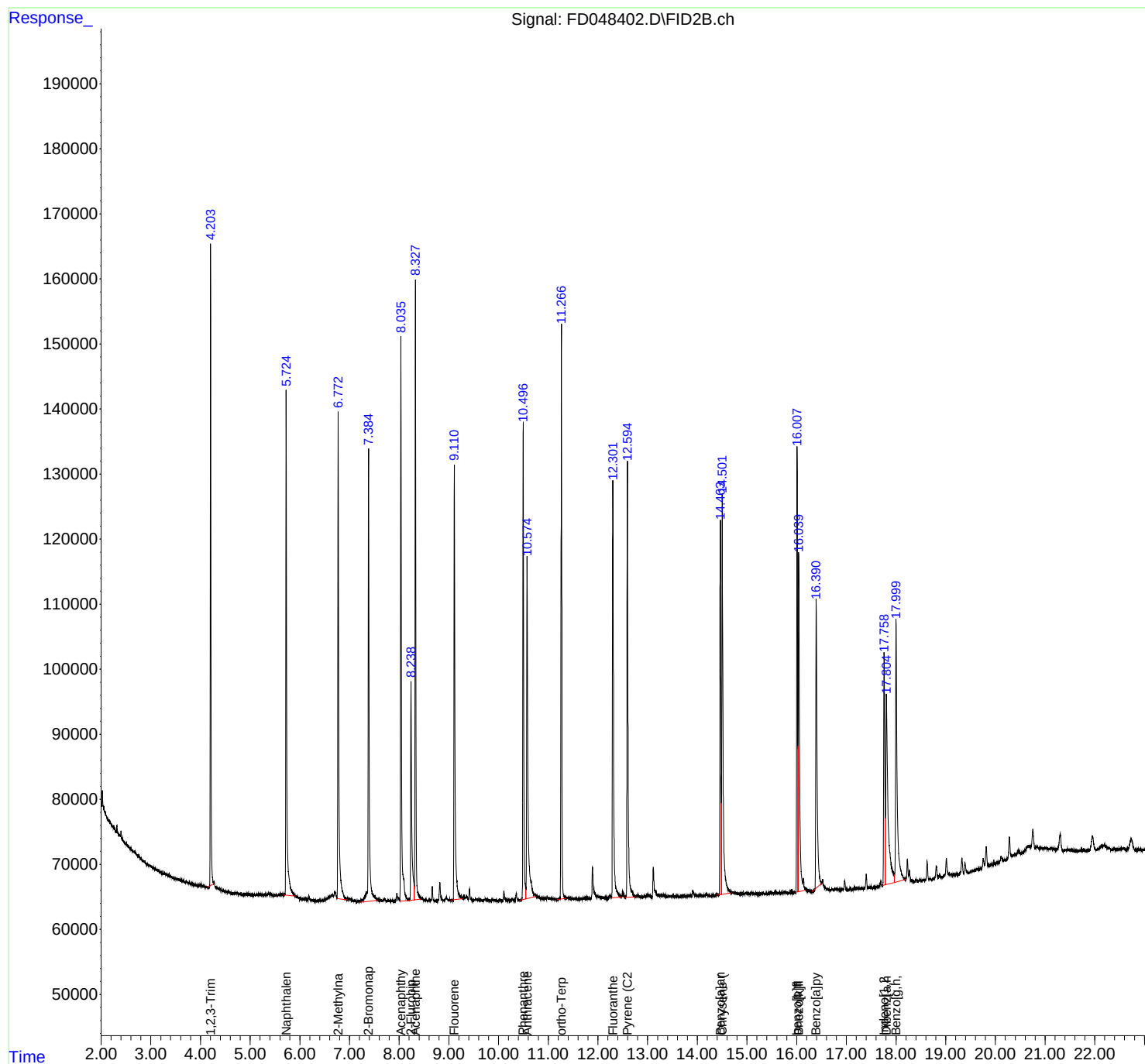
(m)=manual int.

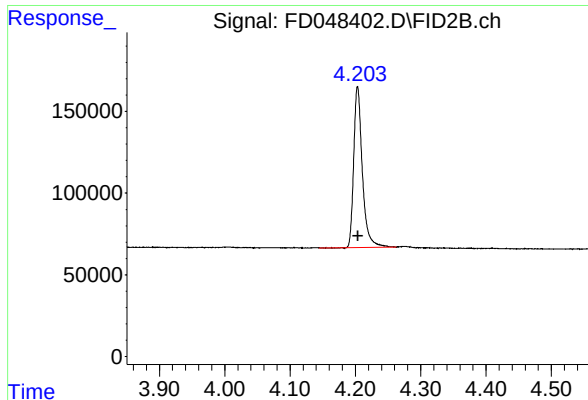
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048402.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 13:35
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Sep 30 14:16:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:16:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

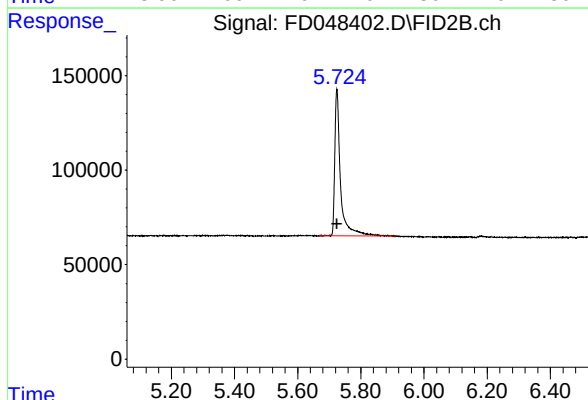




#1 1,2,3-Trimethylbenzene (C10.1)

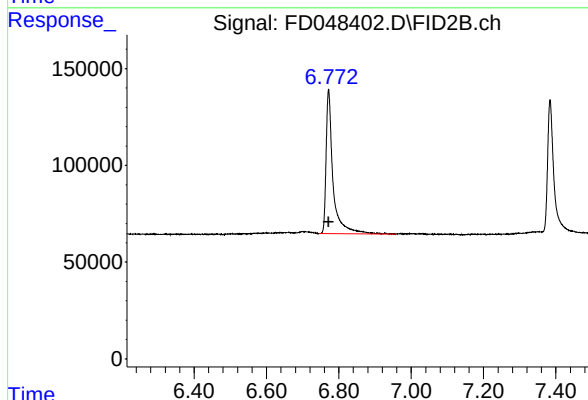
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 900690
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



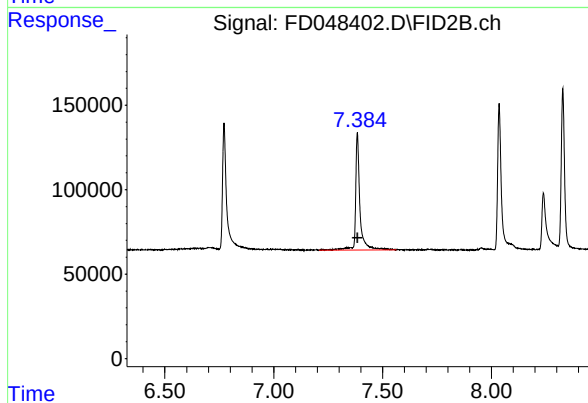
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 984293
Conc: 5.27 ug/ml



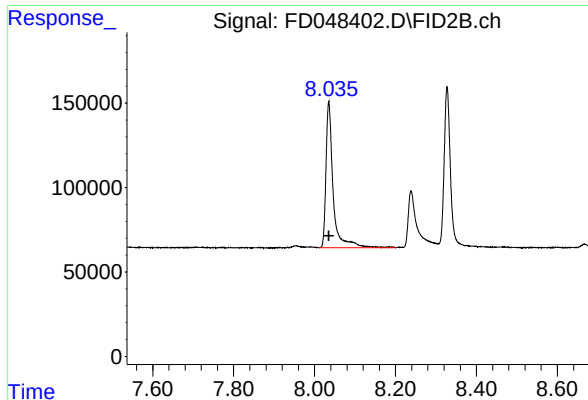
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 993261
Conc: 5.26 ug/ml



#4 2-Bromonaphthalene (SURR)

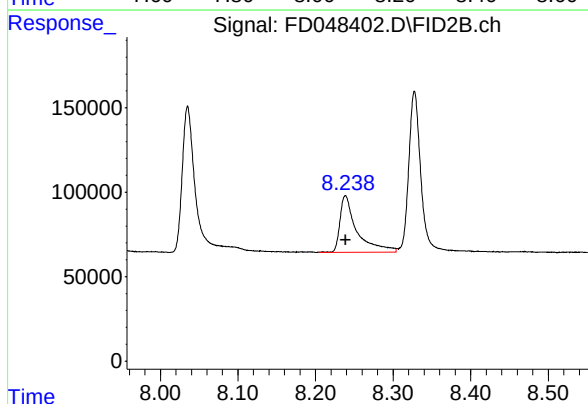
R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 962842
Conc: 5.82 ug/ml



#5 Acenaphthylene (C15.06)

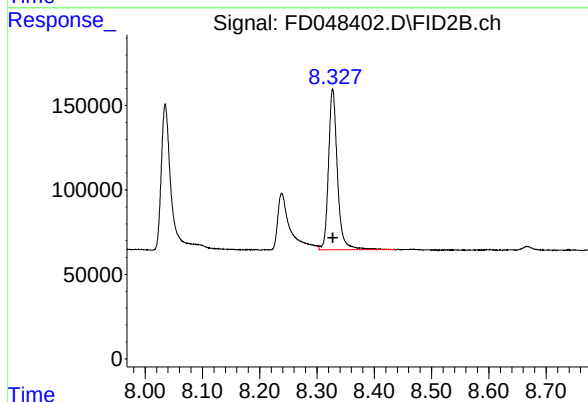
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 1069085
Conc: 5.57 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



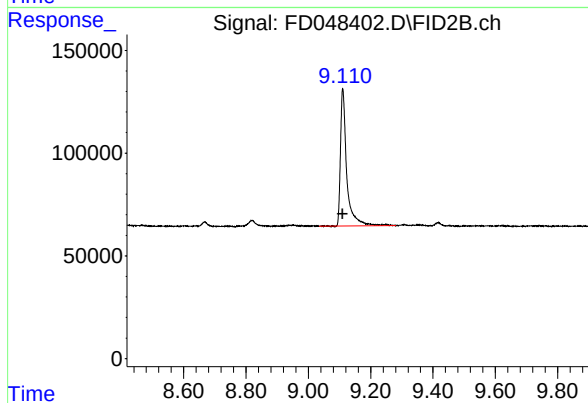
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 508479
Conc: 4.90 ug/ml



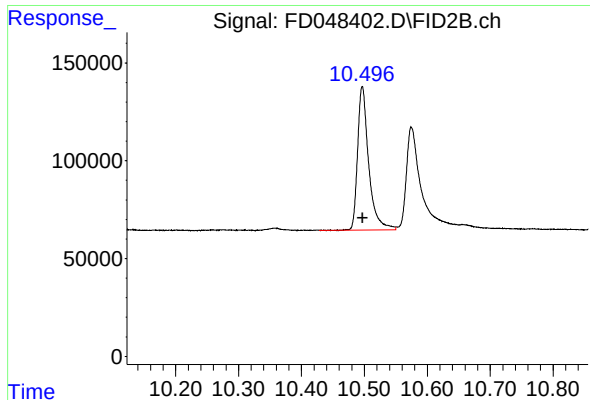
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 1037231
Conc: 5.48 ug/ml



#8 Flouorene (C16.55)

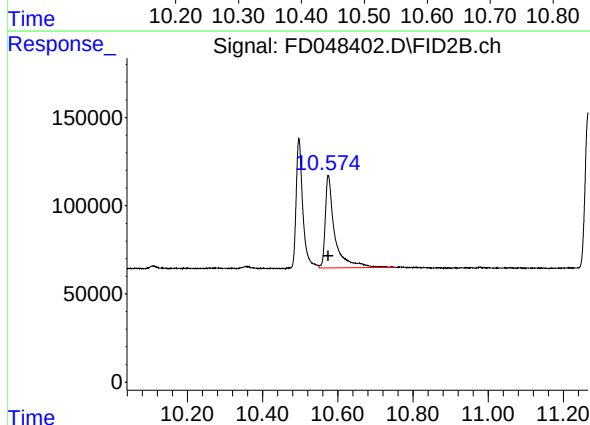
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 932385
Conc: 5.16 ug/ml



#9 Phenanthrene (C19.36)

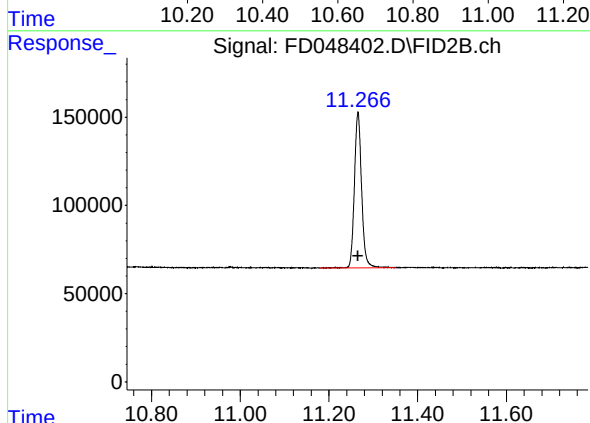
R.T.: 10.497 min
Delta R.T.: 0.000 min
Response: 899656
Conc: 5.08 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



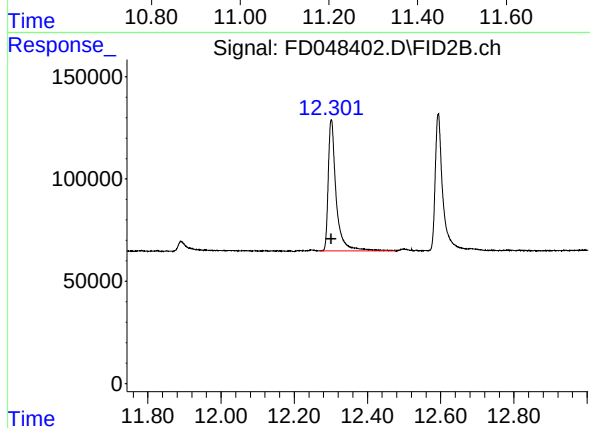
#10 Anthracene (C19.43)

R.T.: 10.575 min
Delta R.T.: 0.000 min
Response: 925856
Conc: 5.20 ug/ml



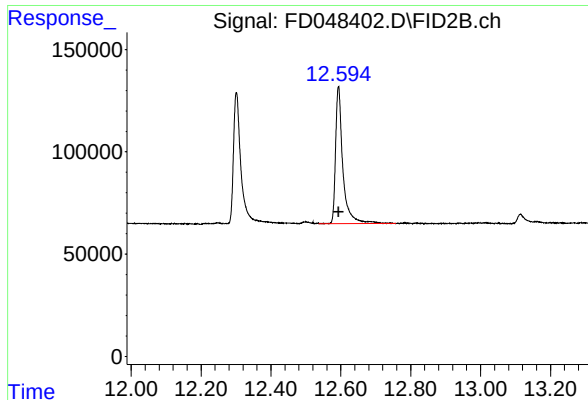
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 990050
Conc: 5.38 ug/ml



#12 Fluoranthene (C21.85)

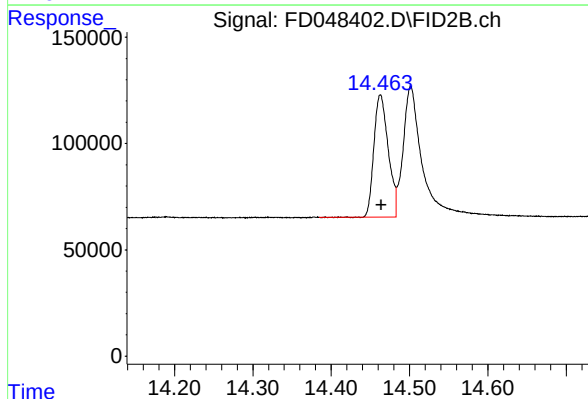
R.T.: 12.301 min
Delta R.T.: 0.000 min
Response: 963834
Conc: 5.33 ug/ml



#13 Pyrene (C20.8)

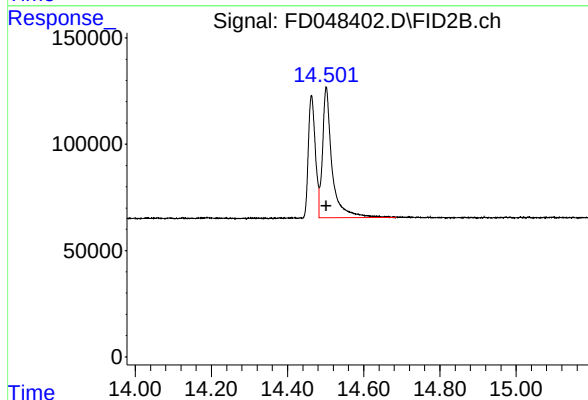
R.T.: 12.593 min
Delta R.T.: 0.000 min
Response: 968145
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



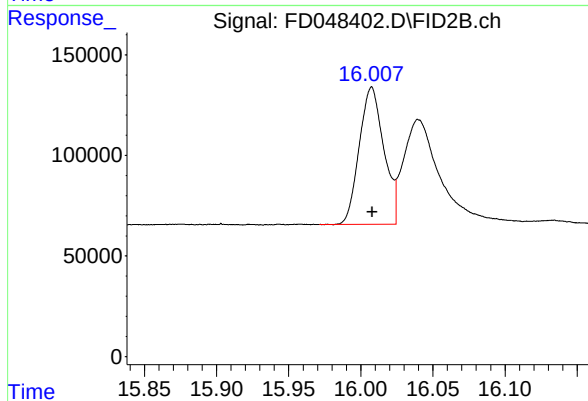
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: 0.000 min
Response: 729221
Conc: 4.56 ug/ml



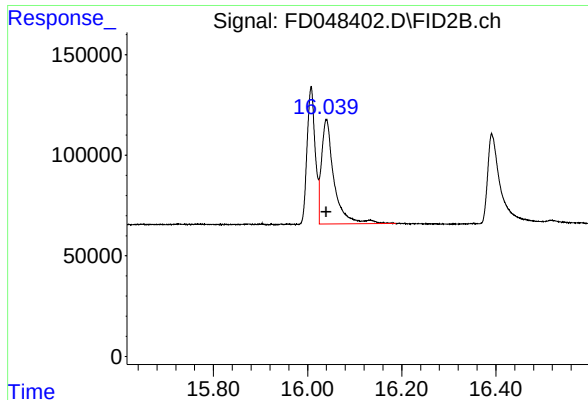
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.000 min
Response: 1076419
Conc: 5.77 ug/ml



#16 benzo[b]fluoranthene (C30.41)

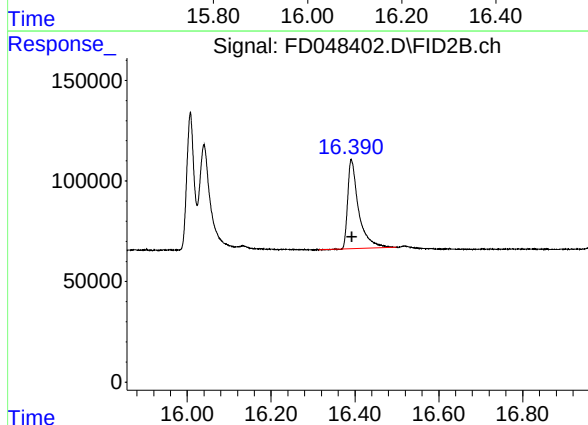
R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 811870
Conc: 4.87 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

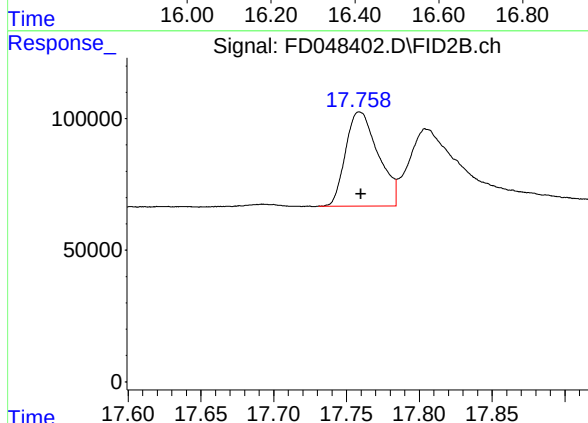
R.T.: 16.040 min
Delta R.T.: 0.000 min
Response: 969266
Conc: 5.71 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



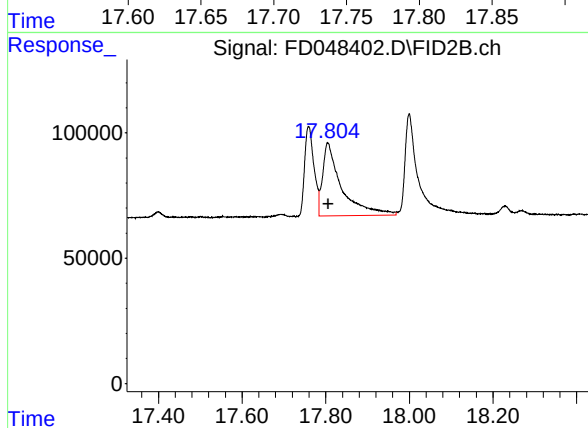
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 799268
Conc: 4.89 ug/ml



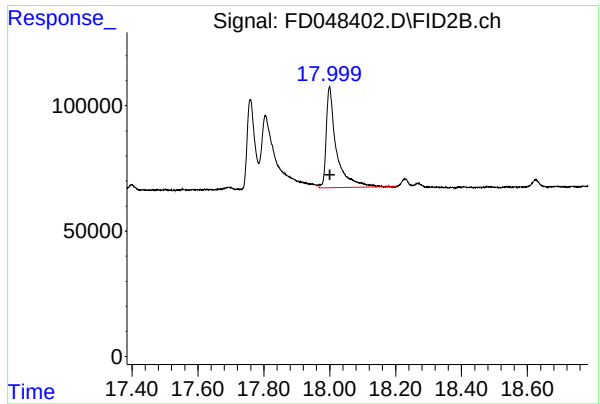
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: 0.000 min
Response: 556571
Conc: 4.23 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.806 min
Delta R.T.: 0.000 min
Response: 921954
Conc: 5.51 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.001 min
Delta R.T.: 0.000 min
Response: 868643
Conc: 5.35 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5

A
B
C
D
E
F
G
H
I
J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048402.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 13:35
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.204	4.144	4.262	BV	97231	900690	83.67%	4.797%
2	5.725	5.668	5.911	BB	77378	984293	91.44%	5.242%
3	6.772	6.745	6.958	PB	74354	993261	92.27%	5.290%
4	7.384	7.208	7.561	PB	69110	962842	89.45%	5.128%
5	8.035	8.011	8.201	VB	86238	1069085	99.32%	5.693%
6	8.239	8.204	8.304	BV	33580	508479	47.24%	2.708%
7	8.328	8.304	8.438	VB	95153	1037231	96.36%	5.524%
8	9.111	9.034	9.281	BB	66500	932385	86.62%	4.965%
9	10.497	10.428	10.550	BV	72885	899656	83.58%	4.791%
10	10.575	10.550	10.754	VB	52531	925856	86.01%	4.931%
11	11.266	11.178	11.351	BB	87312	990050	91.98%	5.273%
12	12.301	12.268	12.478	VV	64148	963834	89.54%	5.133%
13	12.593	12.538	12.758	BB	67056	968145	89.94%	5.156%
14	14.464	14.384	14.483	BV	56526	729221	67.75%	3.884%
15	14.502	14.483	14.684	VB	61254	1076419	100.00%	5.733%
16	16.008	15.971	16.024	BV	67889	811870	75.42%	4.324%
17	16.040	16.024	16.188	VB	51872	969266	90.05%	5.162%
18	16.393	16.314	16.498	BV	42523	799268	74.25%	4.257%
19	17.760	17.701	17.784	BV	34912	529921	49.23%	2.822%
20	17.806	17.784	17.968	VV	28206	877691	81.54%	4.674%
21	18.001	17.968	18.201	VBA	39468	847929	78.77%	4.516%
Sum of corrected areas:						18777392		

Aromatic EPH 093024.M Tue Oct 01 01:50:24 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048403.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 14:29
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 30 17:02:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.381	3368404	20.345 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
6) S 2-Fluorobiphenyl (SURR)	8.232	2141410	20.649 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.30%
11) S ortho-Terphenyl (SURR)	11.266	3698580	20.101 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.201	3521081	20.091 ug/ml
2) T Naphthalene (C11.7)	5.720	3788301	20.289 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	3802093	20.118 ug/ml
5) T Acenaphthylene (C15.06)	8.033	3842612	20.030 ug/ml
7) T Acenaphthene (C15.5)	8.328	3785313	20.012 ug/ml
8) T Fluorene (C16.55)	9.106	3658929	20.252 ug/ml
9) T Phenanthrene (C19.36)	10.493	3597204	20.297 ug/ml
10) T Anthracene (C19.43)	10.569	3532678	19.853 ug/ml
12) T Fluoranthene (C21.85)	12.298	3625812	20.046 ug/ml
13) T Pyrene (C20.8)	12.590	3567943	19.925 ug/ml
14) T Benzo[a]anthracene (C...	14.459	3346833	20.942 ug/ml
15) T Chrysene (C27.41)	14.500	3657712	19.610 ug/ml
16) T benzo[b]fluoranthene ...	16.006	3457542	20.761 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	3379645	19.910 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	3303676	20.213 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	2730501	20.758 ug/ml
20) T Dibenz[a,h]anthracene...	17.785	3415613	20.412 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	3278515	20.185 ug/ml

(f)=RT Delta > 1/2 Window

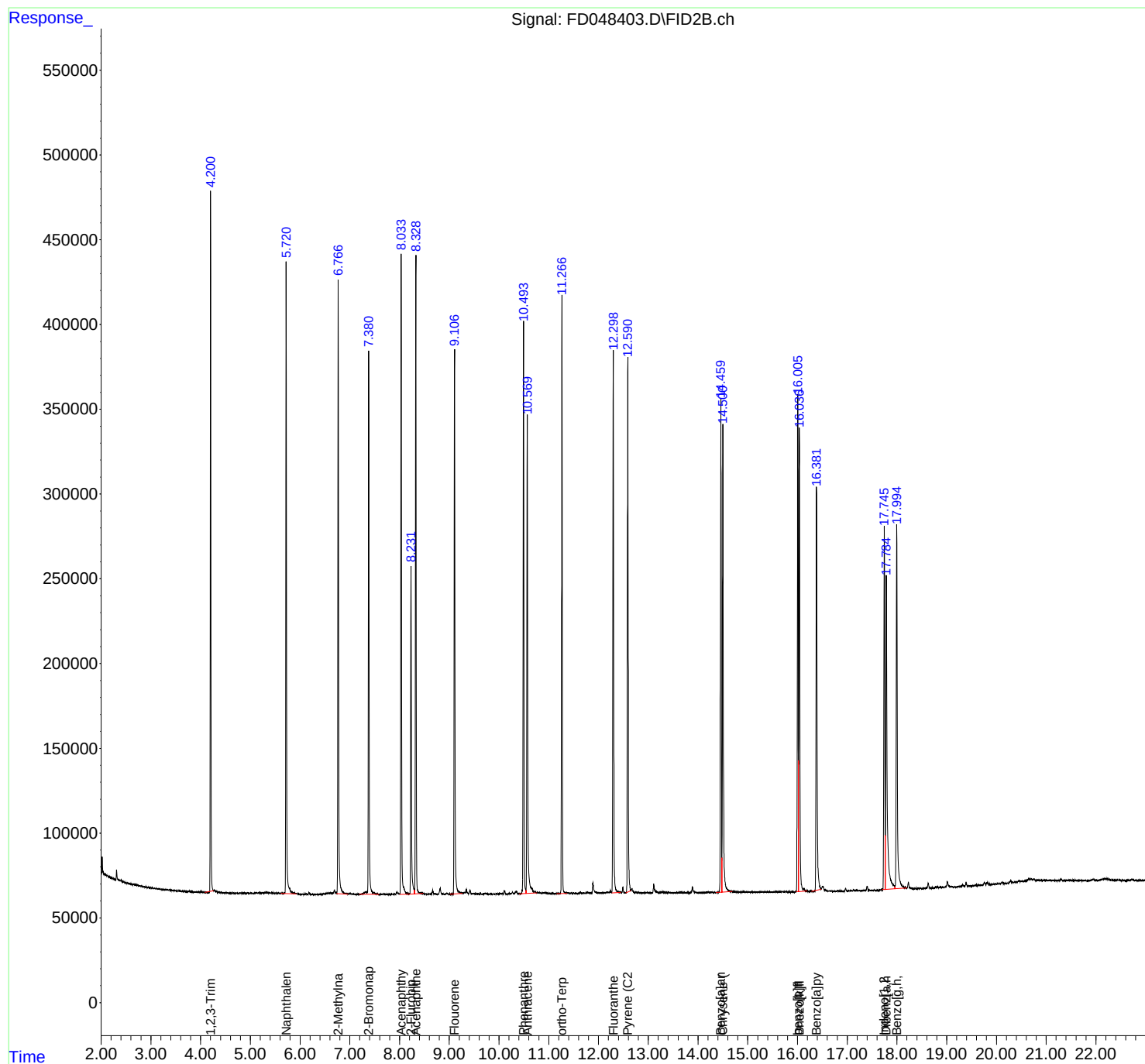
(m)=manual int.

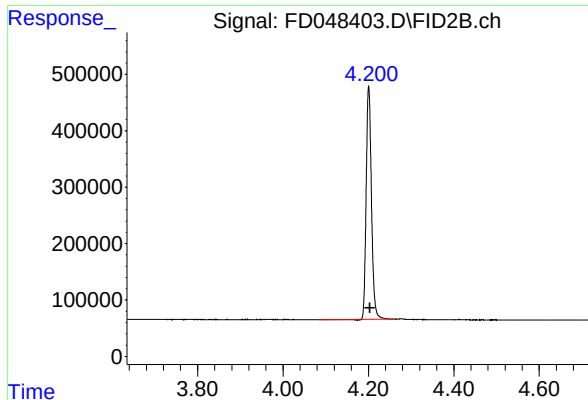
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048403.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 14:29
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Sep 30 17:02:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

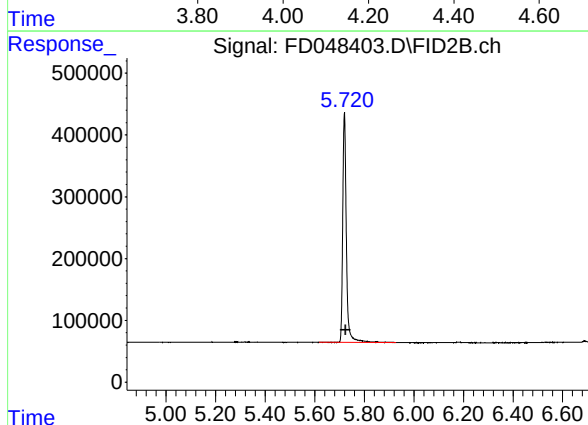




#1 1,2,3-Trimethylbenzene (C10.1)

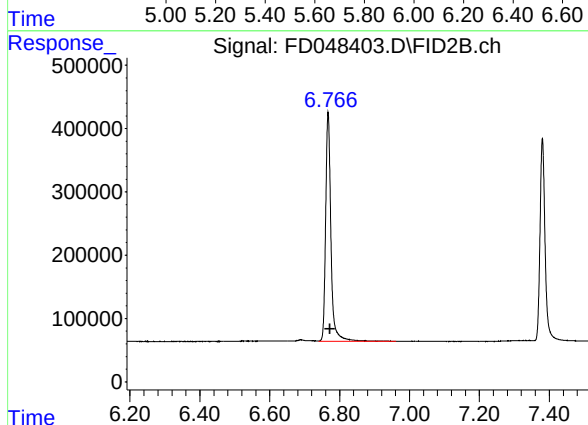
R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 3521081
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



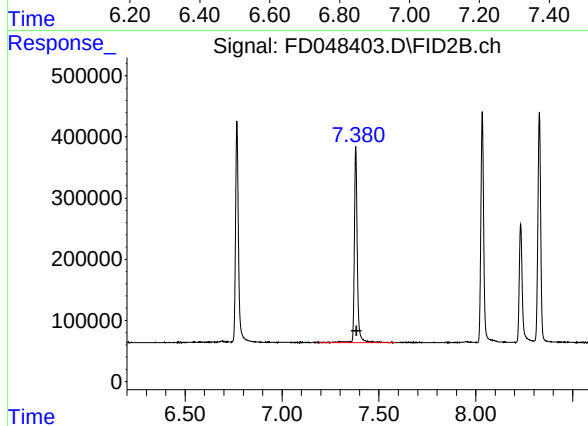
#2 Naphthalene (C11.7)

R.T.: 5.720 min
Delta R.T.: -0.004 min
Response: 3788301
Conc: 20.29 ug/ml



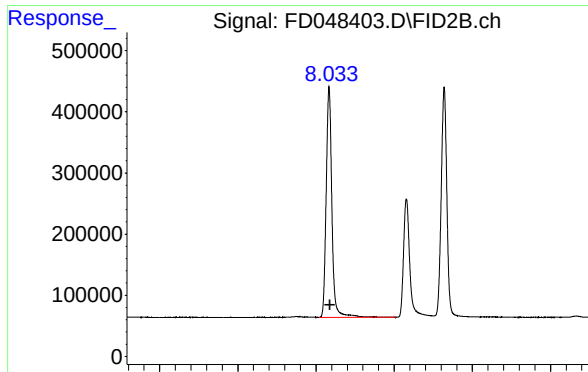
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 3802093
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

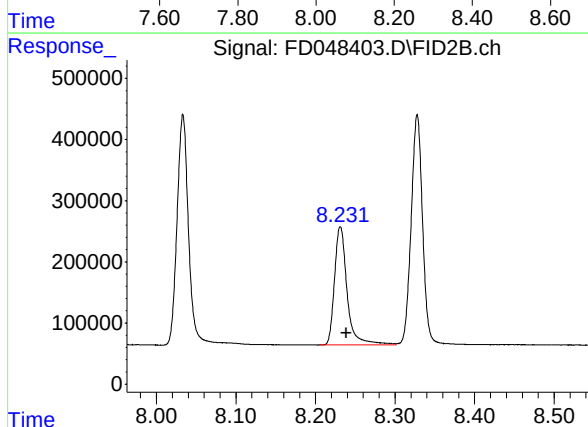
R.T.: 7.381 min
Delta R.T.: -0.004 min
Response: 3368404
Conc: 20.34 ug/ml



#5 Acenaphthylene (C15.06)

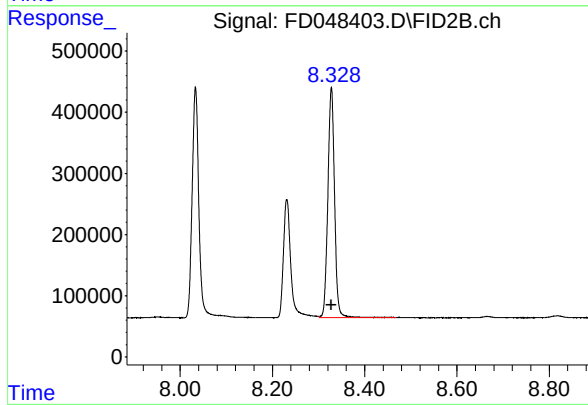
R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 3842612
Conc: 20.03 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



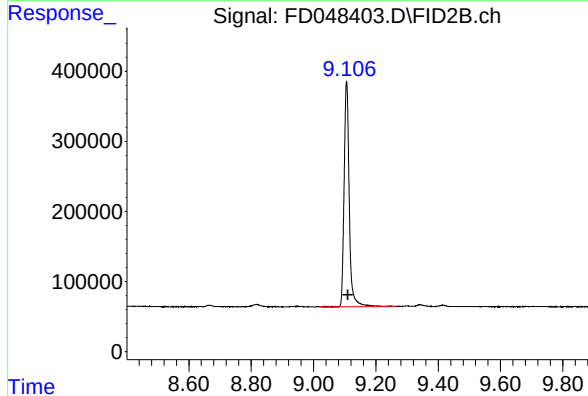
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.232 min
Delta R.T.: -0.007 min
Response: 2141410
Conc: 20.65 ug/ml



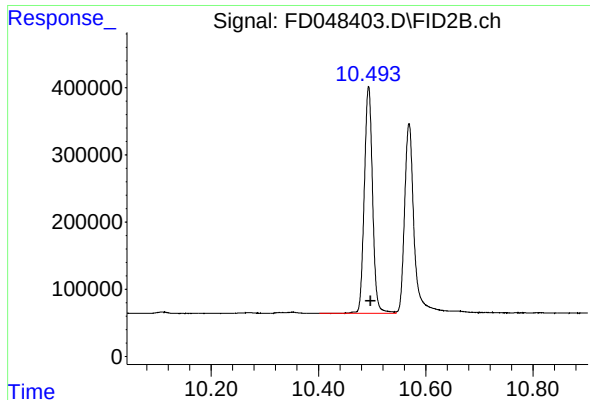
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 3785313
Conc: 20.01 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 3658929
Conc: 20.25 ug/ml



#9 Phenanthrene (C19.36)

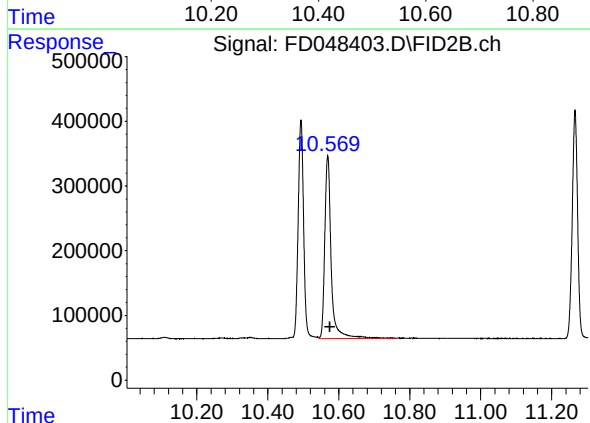
R.T.: 10.493 min
Delta R.T.: -0.004 min
Response: 3597204
Conc: 20.30 ug/ml

Instrument :

FID_D

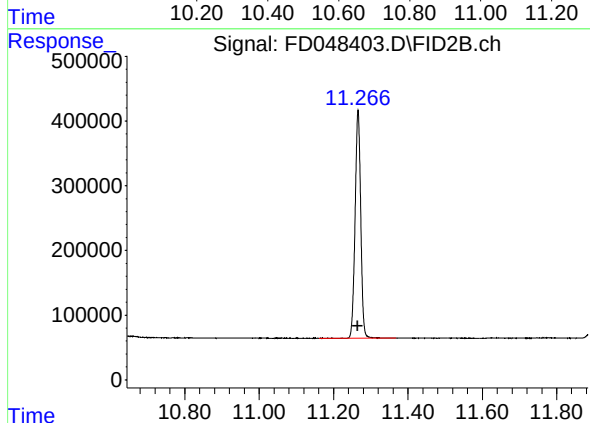
ClientSampleId :

20 PPM AROMATIC HC STD ICV



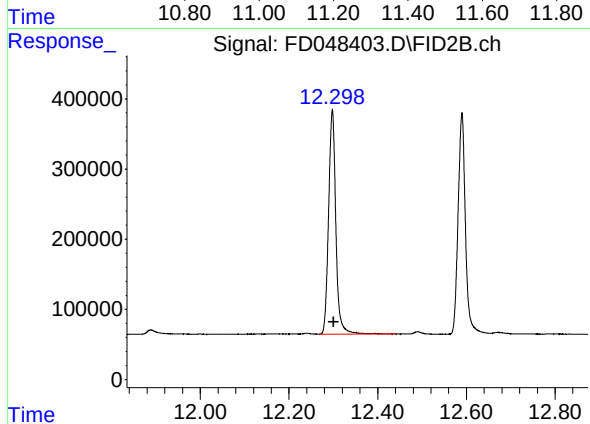
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.006 min
Response: 3532678
Conc: 19.85 ug/ml



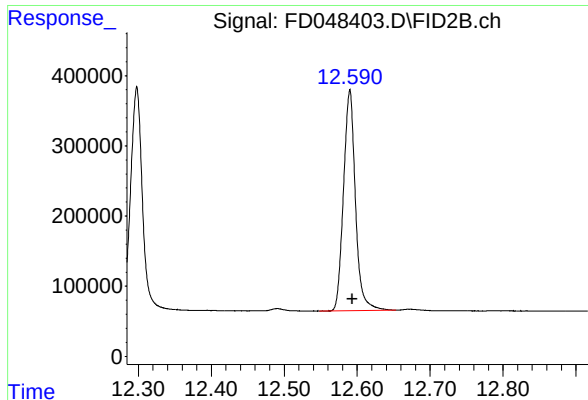
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 3698580
Conc: 20.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.298 min
Delta R.T.: -0.004 min
Response: 3625812
Conc: 20.05 ug/ml



#13 Pyrene (C20.8)

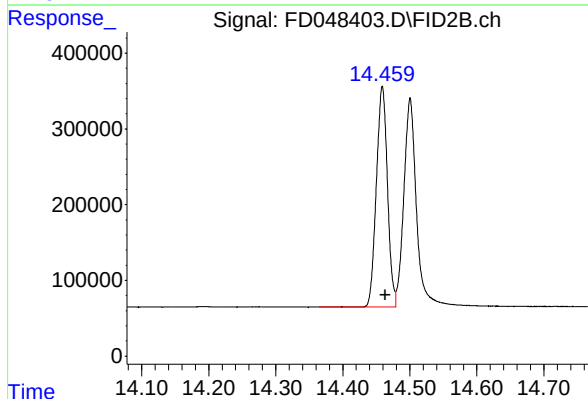
R.T.: 12.590 min
Delta R.T.: -0.004 min
Response: 3567943
Conc: 19.93 ug/ml

Instrument :

FID_D

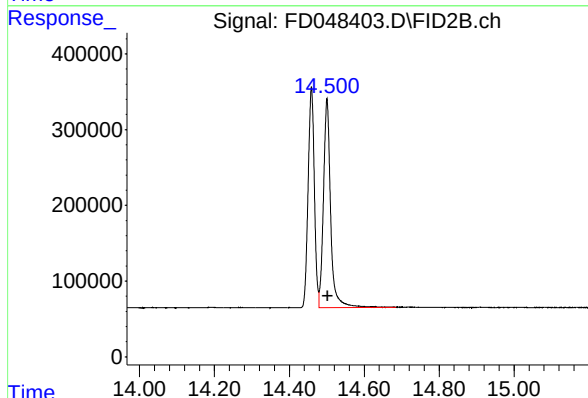
ClientSampleId :

20 PPM AROMATIC HC STD ICV



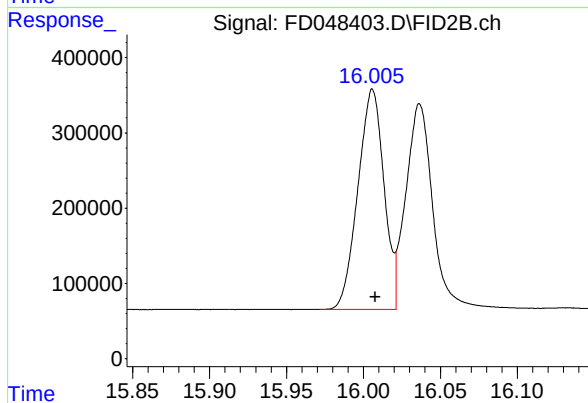
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.459 min
Delta R.T.: -0.005 min
Response: 3346833
Conc: 20.94 ug/ml



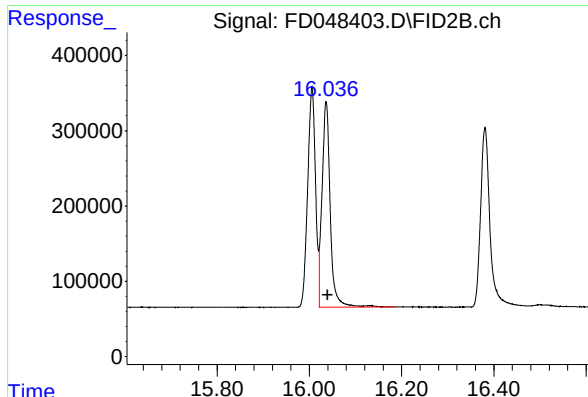
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: -0.002 min
Response: 3657712
Conc: 19.61 ug/ml



#16 benzo[b]fluoranthene (C30.41)

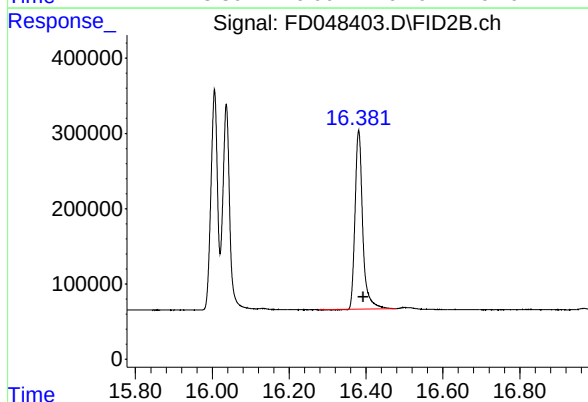
R.T.: 16.006 min
Delta R.T.: -0.002 min
Response: 3457542
Conc: 20.76 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

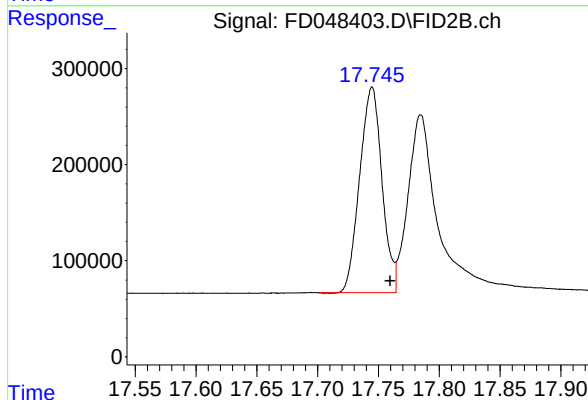
R.T.: 16.036 min
Delta R.T.: -0.004 min
Response: 3379645
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



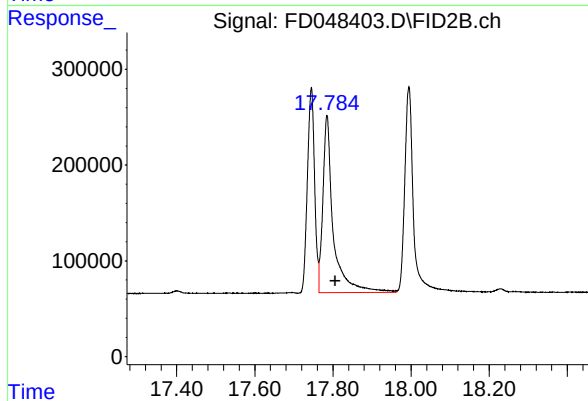
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.012 min
Response: 3303676
Conc: 20.21 ug/ml



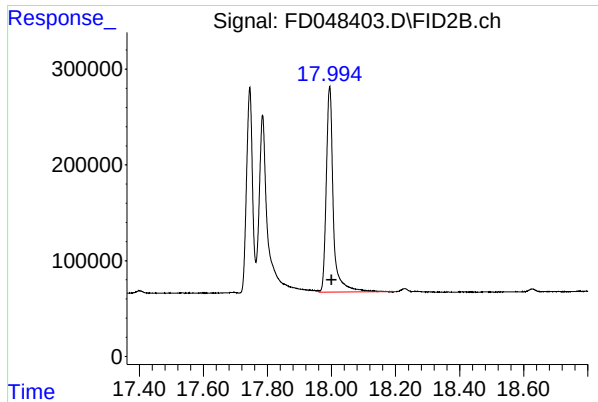
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: -0.016 min
Response: 2730501
Conc: 20.76 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.785 min
Delta R.T.: -0.022 min
Response: 3415613
Conc: 20.41 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.994 min
Delta R.T.: -0.007 min
Response: 3278515
Conc: 20.18 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD ICV

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
Data File : FD048403.D
Signal(s) : FID2B.ch
Acq On : 30 Sep 2024 14:29
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.201	4.085	4.265	BV	411728	3521081	91.63%	4.857%
2	5.720	5.618	5.928	BB	370028	3788301	98.59%	5.225%
3	6.767	6.741	6.961	VB	359837	3802093	98.95%	5.244%
4	7.381	7.191	7.588	BB	318926	3368404	87.66%	4.646%
5	8.033	8.008	8.205	PV	376973	3842612	100.00%	5.300%
6	8.232	8.205	8.301	PV	192929	2141410	55.73%	2.954%
7	8.328	8.301	8.468	VB	377334	3785313	98.51%	5.221%
8	9.106	9.018	9.265	BB	320863	3658929	95.22%	5.047%
9	10.493	10.401	10.545	BV	339349	3597204	93.61%	4.962%
10	10.569	10.545	10.761	VB	281554	3532678	91.93%	4.873%
11	11.266	11.161	11.368	BB	349437	3698580	96.25%	5.101%
12	12.298	12.268	12.441	PB	319741	3625812	94.36%	5.001%
13	12.590	12.548	12.653	PV	318445	3567943	92.85%	4.921%
14	14.459	14.365	14.479	BV	290579	3346833	87.10%	4.616%
15	14.500	14.479	14.685	VB	276082	3657712	95.19%	5.045%
16	16.006	15.971	16.021	BV	290942	3457542	89.98%	4.769%
17	16.036	16.021	16.188	VB	275149	3379645	87.95%	4.662%
18	16.381	16.278	16.478	BV	237513	3303676	85.97%	4.557%
19	17.744	17.701	17.764	BV	214980	2730501	71.06%	3.766%
20	17.785	17.764	17.961	VV	185327	3415613	88.89%	4.711%
21	17.994	17.961	18.201	VBA	215211	3278515	85.32%	4.522%
Sum of corrected areas:						72500396		

Aromatic EPH 093024.M Tue Oct 01 01:51:11 2024

Initial Calibration Report for SequenceID : FD102324AR

AreaCount

Parameter Range	FD048568.D	FD048569.D	FD048570.D	FD048571.D	FD048572.D	
Aromatic C10-C12	34560081.000	17413124.000	7062069.000	3602660.000	1773971.000	
Aromatic C12-C16	51756513.000	26214353.000	10660566.000	5474983.000	2683618.000	
Aromatic C16-C21	64464447.000	32614919.000	13171585.000	6675037.000	3268126.000	
Aromatic C21-C36	134161995.000	67904676.000	27627174.000	14154223.000	6877987.000	
Aromatic EPH	284943036.000	144147072.000	58521394.000	29906903.000	14603702.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	176202.694	1.627				
Aromatic C12-C16	177273.4926664	2.167				
Aromatic C16-C21	163832.55	1.288				
Aromatic C21-C36	152713.1526664	2.017				
Aromatic EPH	161887.4688884	1.816				

Concentration

Parameter Range	FD048568.D	FD048569.D	FD048570.D	FD048571.D	FD048572.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD048568.D	FD048569.D	FD048570.D	FD048571.D	FD048572.D	
Aromatic C10-C12	172800.405000	174131.240000	176551.725000	180133.000000	177397.100000	
Aromatic C12-C16	172521.710000	174762.353333	177676.100000	182499.433333	178907.866666	
Aromatic C16-C21	161161.117500	163074.595000	164644.812500	166875.925000	163406.300000	
Aromatic C21-C36	149068.883333	150899.280000	153484.300000	157269.144444	152844.155555	
Aromatic EPH	158301.686666	160163.413333	162559.427777	166149.461111	162263.355555	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048568.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 15:12
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 23 17:13:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:09:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.379	14919837	98.962 ug/ml
Spiked Amount 50.000		Recovery =	197.92%
6) S 2-Fluorobiphenyl (SURR)	8.230	10015694	100.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	200.25%#
11) S ortho-Terphenyl (SURR)	11.267	16385129	98.289 ug/ml
Spiked Amount 50.000		Recovery =	196.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	16947170	98.911 ug/ml
2) T Naphthalene (C11.7)	5.719	17612911	98.941 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	17624448	99.004 ug/ml
5) T Acenaphthylene (C15.06)	8.034	17045088	98.400 ug/ml
7) T Acenaphthene (C15.5)	8.331	17086977	98.169 ug/ml
8) T Fluorene (C16.55)	9.109	16673063	98.964 ug/ml
9) T Phenanthrene (C19.36)	10.496	16410378	99.314 ug/ml
10) T Anthracene (C19.43)	10.573	15569819	98.435 ug/ml
12) T Fluoranthene (C21.85)	12.302	15981856	98.532 ug/ml
13) T Pyrene (C20.8)	12.596	15811187	98.991 ug/ml
14) T Benzo[a]anthracene (C...	14.466	14979852	100.189 ug/ml
15) T Chrysene (C27.41)	14.512	15332543	97.081 ug/ml
16) T benzo[b]fluoranthene ...	16.016	15350623	99.928 ug/ml
17) T Bnezo[k]fluoranthene ...	16.054	14161475	97.899 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.395	14921521	99.306 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	14261058	103.933 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	14330700	95.355 ug/ml
21) T Benzo[g,h,i]perylene ...	18.019	14842367	98.211 ug/ml

(f)=RT Delta > 1/2 Window

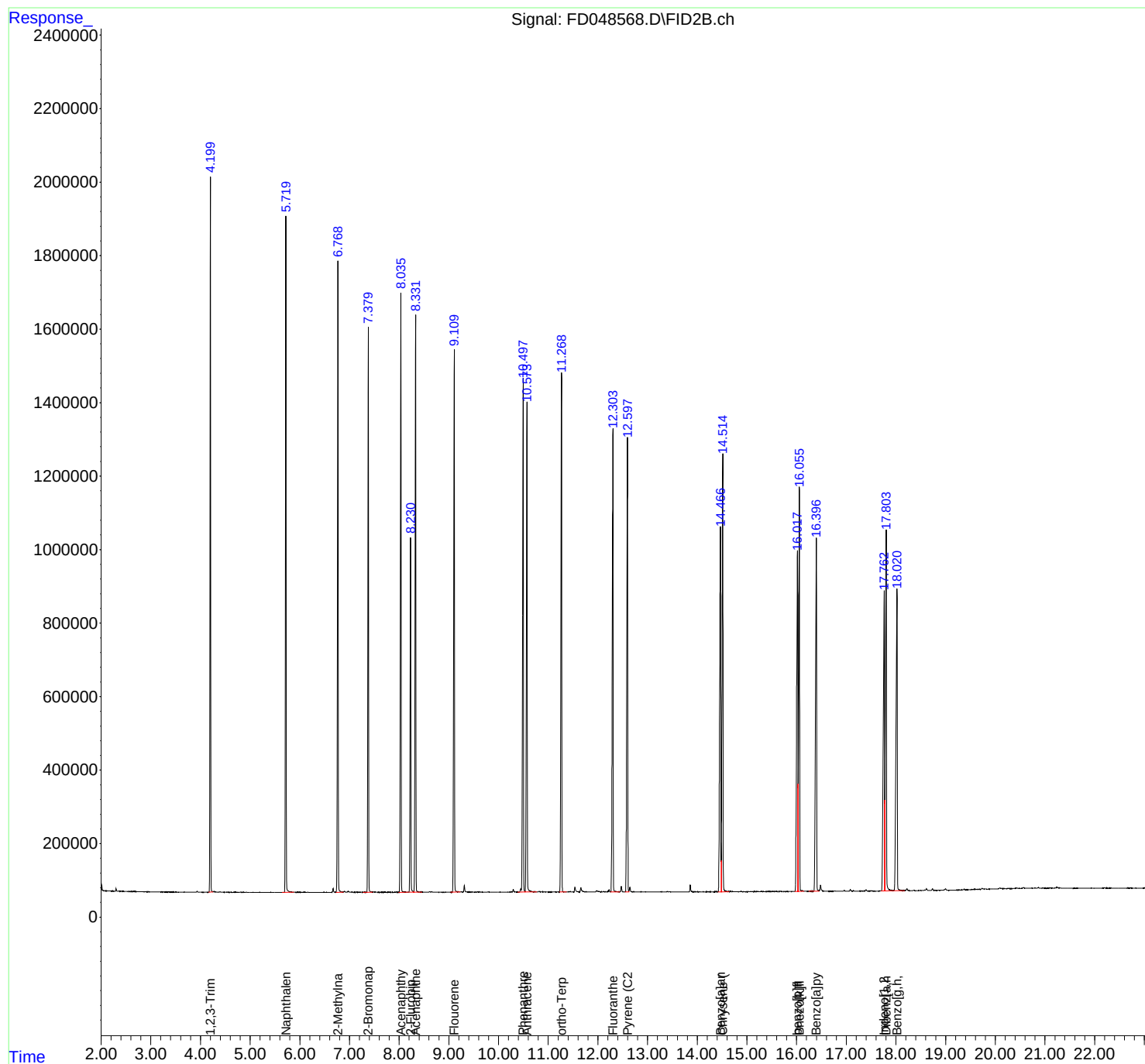
(m)=manual int.

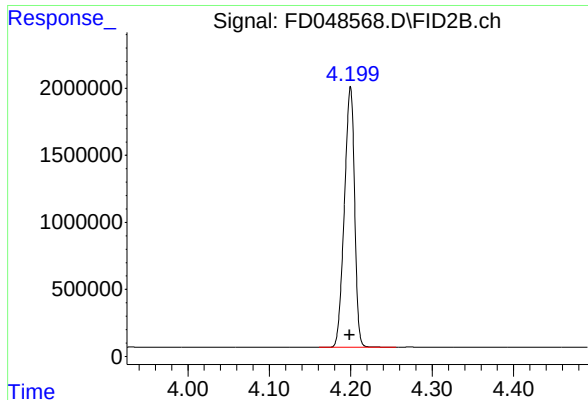
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048568.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 15:12
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 23 17:13:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 17:09:25 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

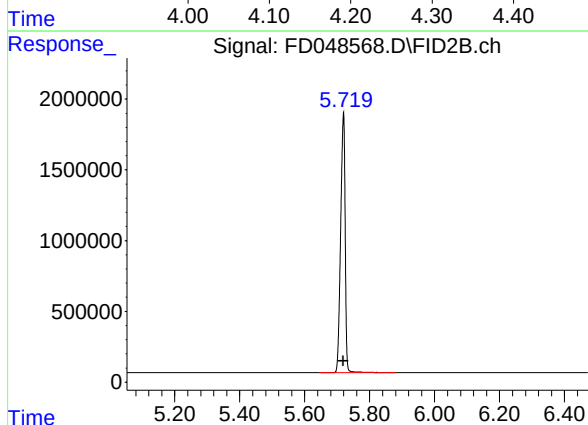
R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 16947170
Conc: 98.91 ug/ml

Instrument :

FID_D

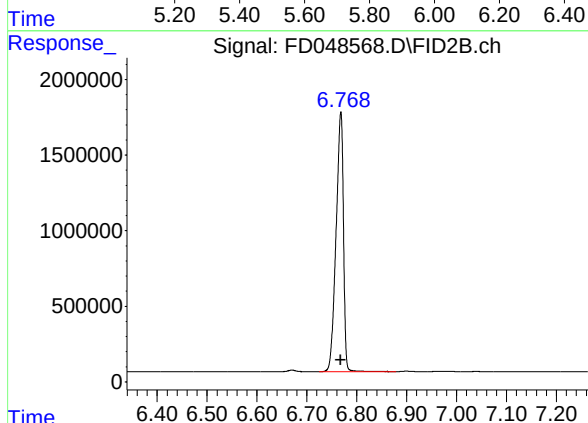
ClientSampleId :

100 PPM AROMATIC HC STD1



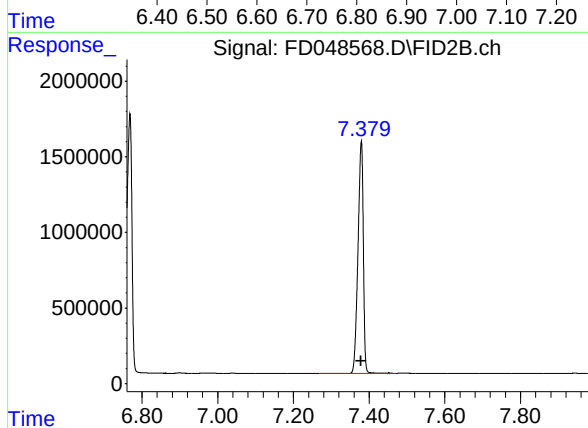
#2 Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 17612911
Conc: 98.94 ug/ml



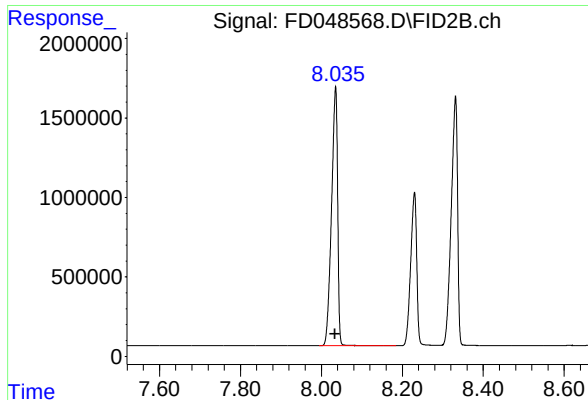
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 17624448
Conc: 99.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 14919837
Conc: 98.96 ug/ml



#5 Acenaphthylene (C15.06)

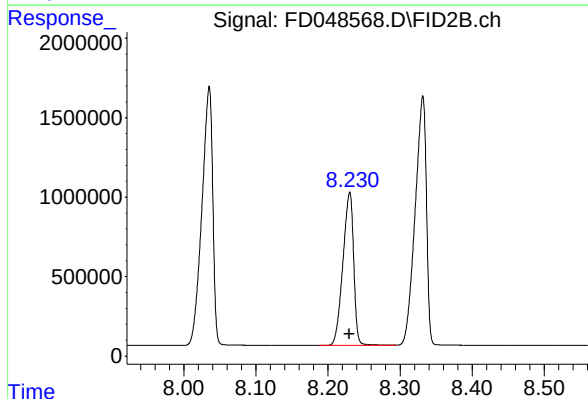
R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 17045088
Conc: 98.40 ug/ml

Instrument :

FID_D

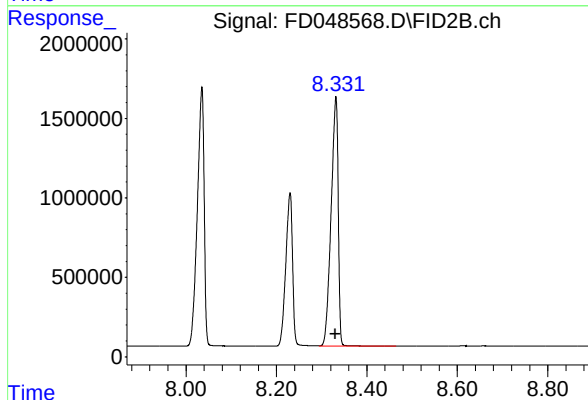
ClientSampleId :

100 PPM AROMATIC HC STD1



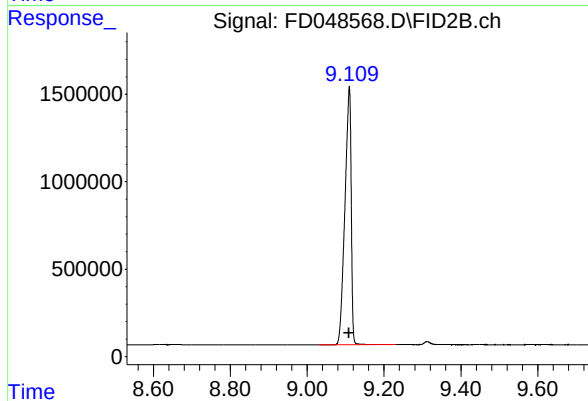
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 10015694
Conc: 100.12 ug/ml



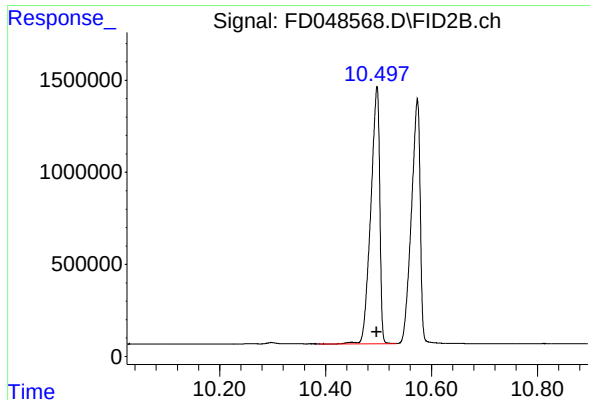
#7 Acenaphthene (C15.5)

R.T.: 8.331 min
Delta R.T.: 0.000 min
Response: 17086977
Conc: 98.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 16673063
Conc: 98.96 ug/ml



#9 Phenanthrene (C19.36)

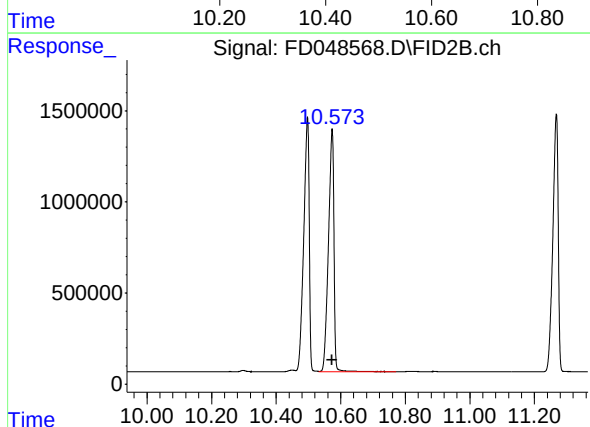
R.T.: 10.496 min
Delta R.T.: 0.000 min
Response: 16410378
Conc: 99.31 ug/ml

Instrument :

FID_D

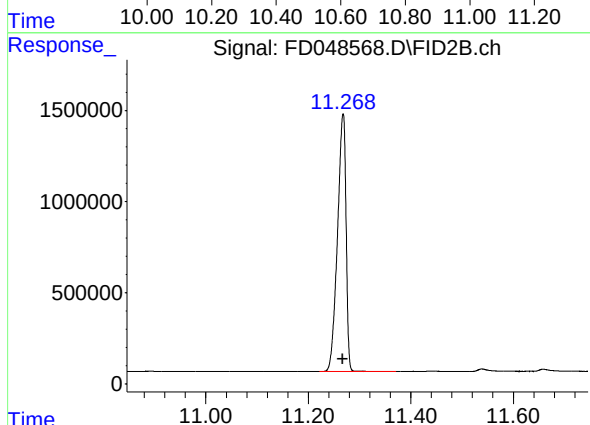
ClientSampleId :

100 PPM AROMATIC HC STD1



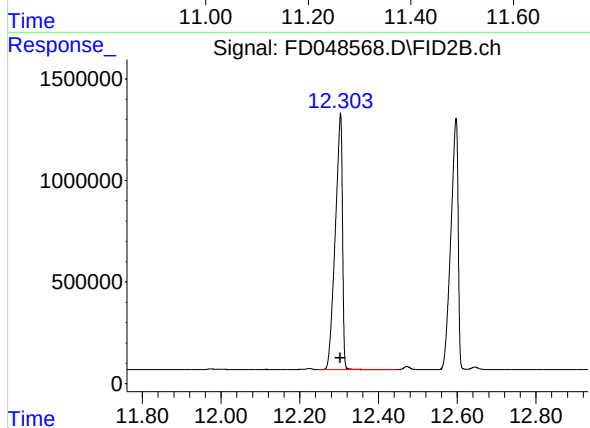
#10 Anthracene (C19.43)

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 15569819
Conc: 98.44 ug/ml



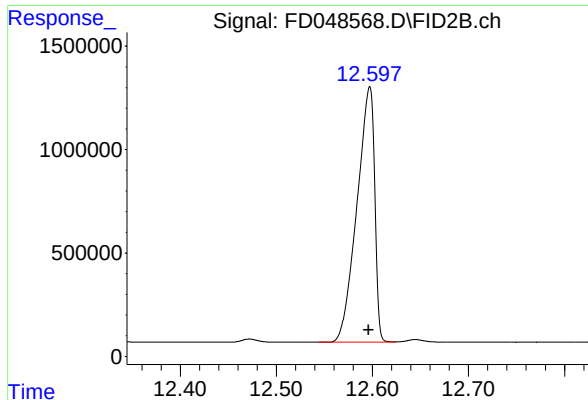
#11 ortho-Terphenyl (SURRE)

R.T.: 11.267 min
Delta R.T.: 0.000 min
Response: 16385129
Conc: 98.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: 0.000 min
Response: 15981856
Conc: 98.53 ug/ml



#13 Pyrene (C20.8)

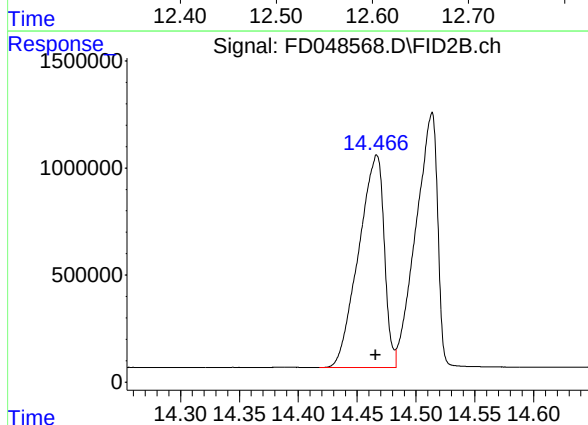
R.T.: 12.596 min
Delta R.T.: 0.000 min
Response: 15811187
Conc: 98.99 ug/ml

Instrument :

FID_D

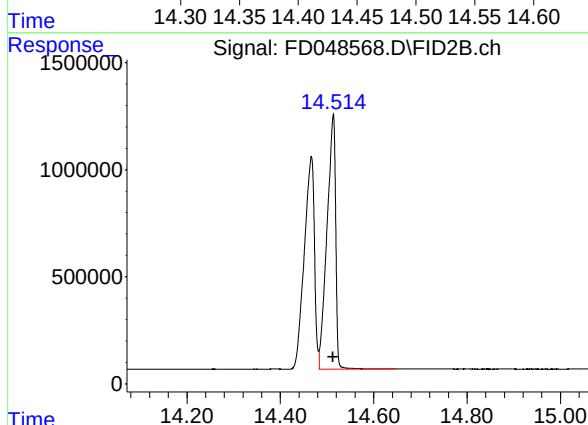
ClientSampleId :

100 PPM AROMATIC HC STD1



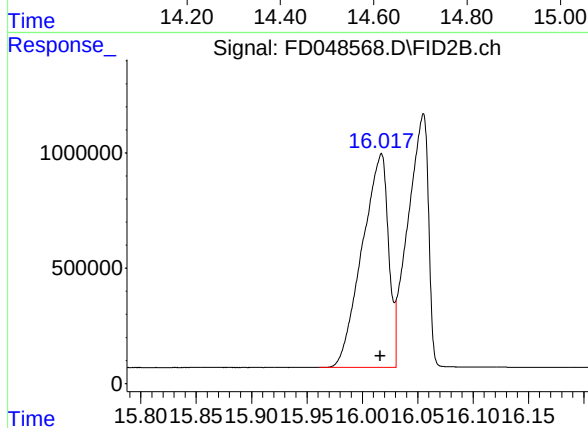
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: 0.000 min
Response: 14979852
Conc: 100.19 ug/ml



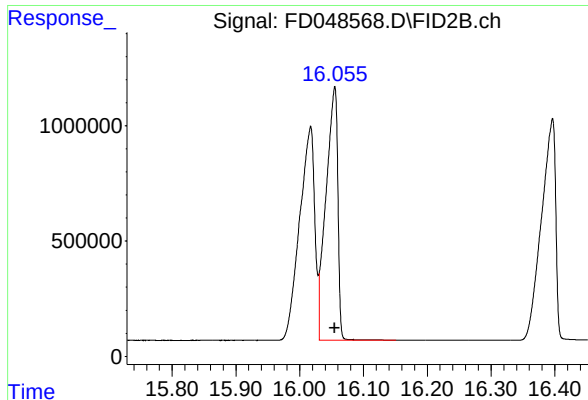
#15 Chrysene (C27.41)

R.T.: 14.512 min
Delta R.T.: 0.000 min
Response: 15332543
Conc: 97.08 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.016 min
Delta R.T.: 0.000 min
Response: 15350623
Conc: 99.93 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

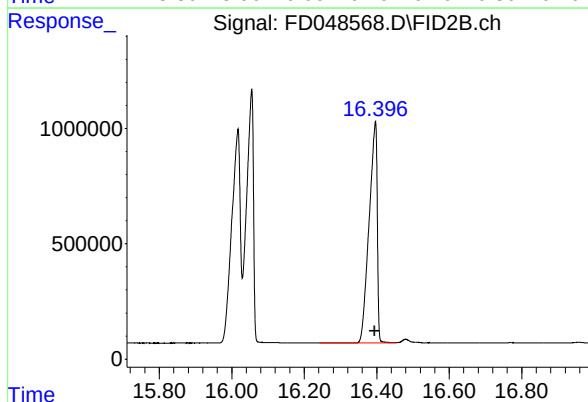
R.T.: 16.054 min
Delta R.T.: -0.001 min
Response: 14161475
Conc: 97.90 ug/ml

Instrument :

FID_D

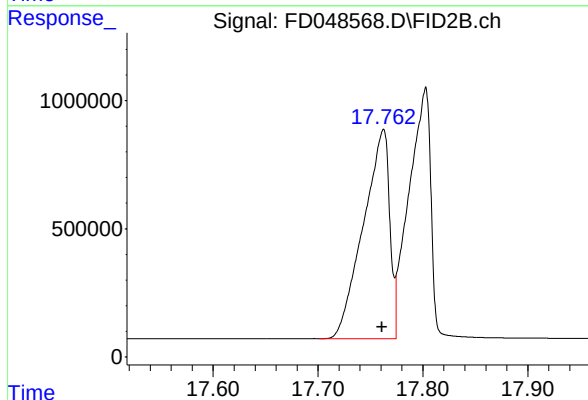
ClientSampleId :

100 PPM AROMATIC HC STD1



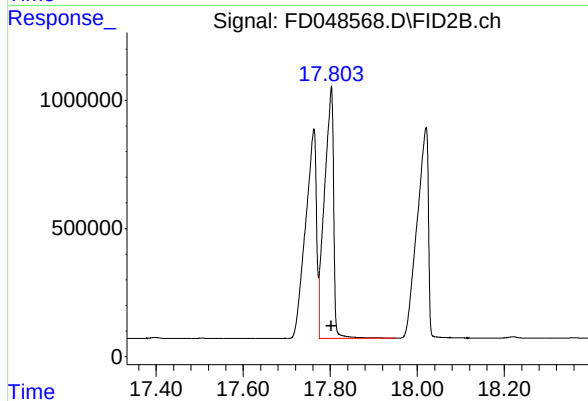
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.395 min
Delta R.T.: 0.000 min
Response: 14921521
Conc: 99.31 ug/ml



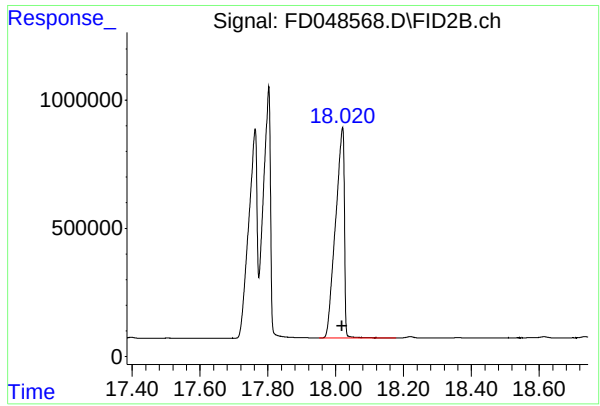
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: 0.000 min
Response: 14261058
Conc: 103.93 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.801 min
Delta R.T.: -0.002 min
Response: 14330700
Conc: 95.35 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 14842367
Conc: 98.21 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

A
B
C
D
E
F
G
H
I
J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048568.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 15:12
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.199	4.161	4.256	BV	1903452	16947170	96.16%	5.194%
2	5.719	5.644	5.881	BV	1794310	17612911	99.93%	5.398%
3	6.767	6.724	6.878	PV	1721582	17624448	100.00%	5.402%
4	7.379	7.268	7.471	PV	1511924	14919837	84.65%	4.573%
5	8.034	7.994	8.184	BB	1618840	17045088	96.71%	5.224%
6	8.230	8.188	8.294	BV	985430	10015694	56.83%	3.070%
7	8.331	8.294	8.464	VB	1571009	17086977	96.95%	5.237%
8	9.109	9.031	9.231	BB	1435050	16673063	94.60%	5.110%
9	10.496	10.388	10.533	BV	1431777	16410378	93.11%	5.030%
10	10.573	10.533	10.771	VB	1362012	15569819	88.34%	4.772%
11	11.267	11.221	11.371	BV	1423748	16385129	92.97%	5.022%
12	12.302	12.249	12.444	VV	1225147	15981856	90.68%	4.898%
13	12.596	12.544	12.624	BV	1267297	15811187	89.71%	4.846%
14	14.466	14.418	14.483	PV	976483	14979852	84.99%	4.591%
15	14.512	14.483	14.648	VB	1164623	15332543	87.00%	4.699%
16	16.016	15.961	16.031	BV	945594	15350623	87.10%	4.705%
17	16.054	16.031	16.151	VB	1101985	14161475	80.35%	4.340%
18	16.395	16.241	16.453	BV	941300	14921521	84.66%	4.573%
19	17.761	17.701	17.774	BV	810590	14261058	80.92%	4.371%
20	17.801	17.774	17.951	VV	963681	14330700	81.31%	4.392%
21	18.019	17.951	18.178	VV	811340	14842367	84.21%	4.549%
Sum of corrected areas:						326263695		

Aromatic EPH 102324.M Wed Oct 23 18:16:59 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048569.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 15:48
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 23 17:15:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:09:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	7529591	49.962 ug/ml
Spiked Amount 50.000		Recovery =	99.92%
6) S 2-Fluorobiphenyl (SURR)	8.225	5021501	50.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.26%
11) S ortho-Terphenyl (SURR)	11.261	8334280	49.996 ug/ml
Spiked Amount 50.000		Recovery =	99.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	8539641	49.894 ug/ml
2) T Naphthalene (C11.7)	5.715	8873483	49.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	8891978	49.967 ug/ml
5) T Acenaphthylene (C15.06)	8.029	8649197	49.954 ug/ml
7) T Acenaphthene (C15.5)	8.324	8673178	49.886 ug/ml
8) T Fluorene (C16.55)	9.102	8428307	50.018 ug/ml
9) T Phenanthrene (C19.36)	10.489	8272929	50.044 ug/ml
10) T Anthracene (C19.43)	10.565	7888616	49.915 ug/ml
12) T Fluoranthene (C21.85)	12.294	8076662	49.863 ug/ml
13) T Pyrene (C20.8)	12.587	8025067	50.162 ug/ml
14) T Benzo[a]anthracene (C...	14.456	7527575	50.230 ug/ml
15) T Chrysene (C27.41)	14.500	7833293	49.731 ug/ml
16) T benzo[b]fluoranthene ...	16.005	7671770	49.961 ug/ml
17) T Bnezo[k]fluoranthene ...	16.039	7231888	49.599 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	7547267	50.152 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	6949708	50.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.785	7539487	49.466 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	7527026	49.870 ug/ml

(f)=RT Delta > 1/2 Window

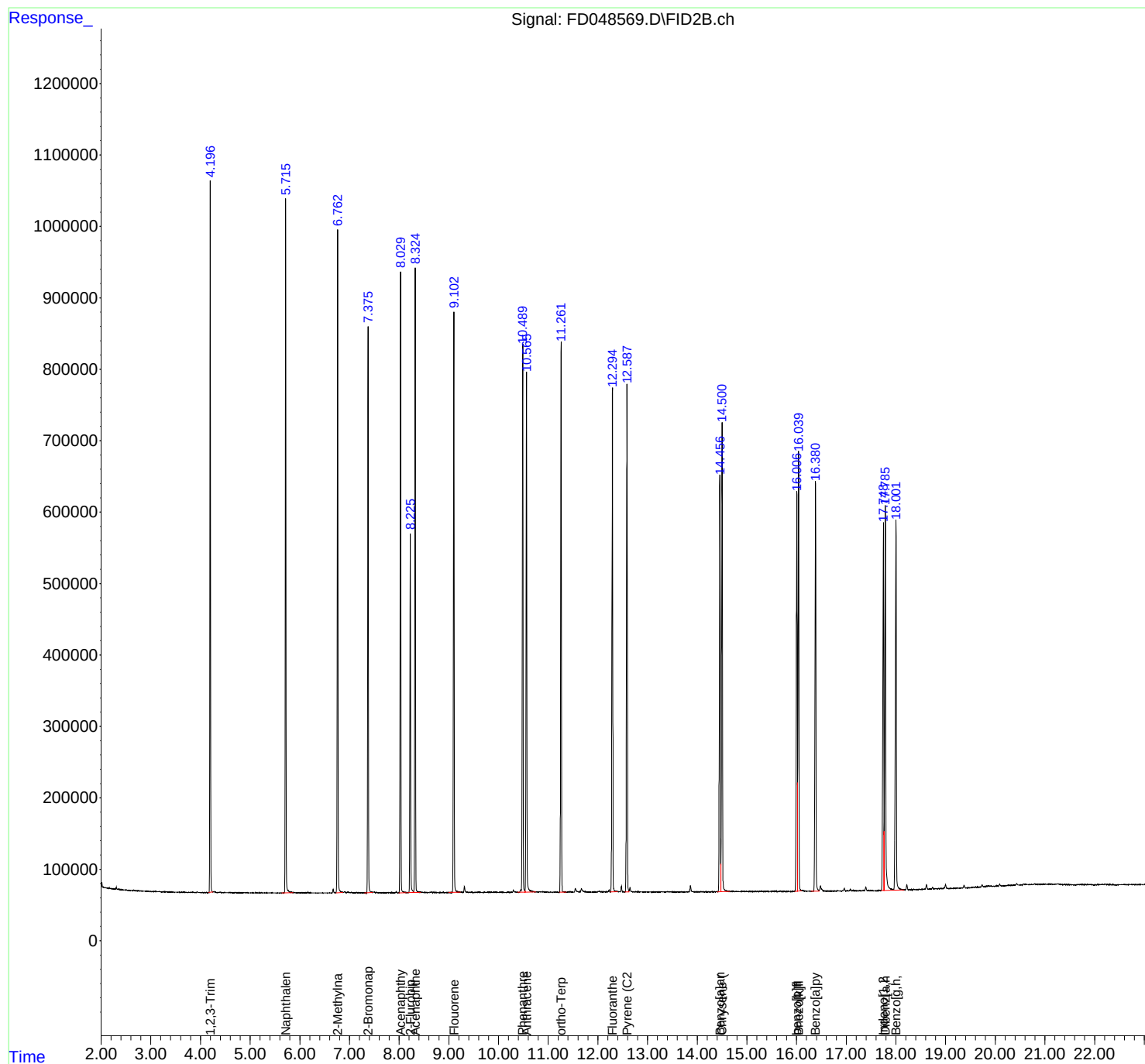
(m)=manual int.

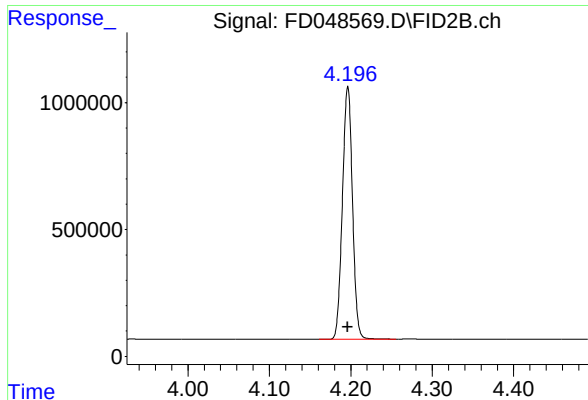
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048569.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 15:48
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 23 17:15:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 17:09:25 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

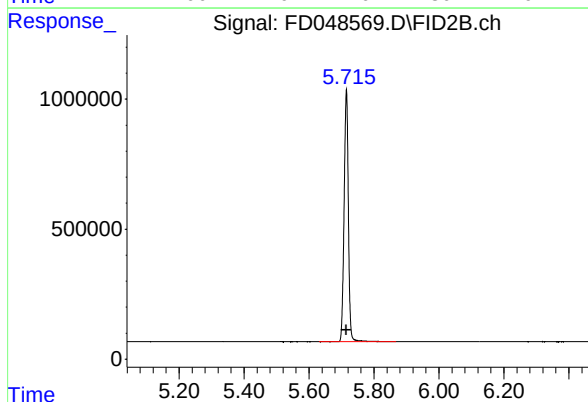




#1 1,2,3-Trimethylbenzene (C10.1)

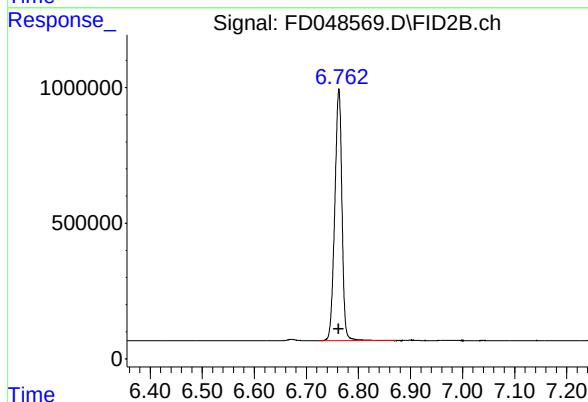
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 8539641
Conc: 49.89 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



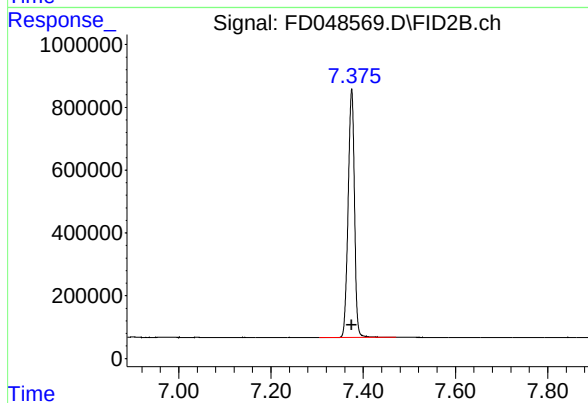
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 8873483
Conc: 49.90 ug/ml



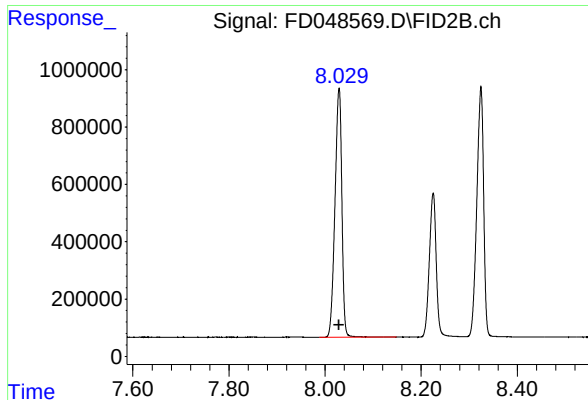
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 8891978
Conc: 49.97 ug/ml



#4 2-Bromonaphthalene (SURR)

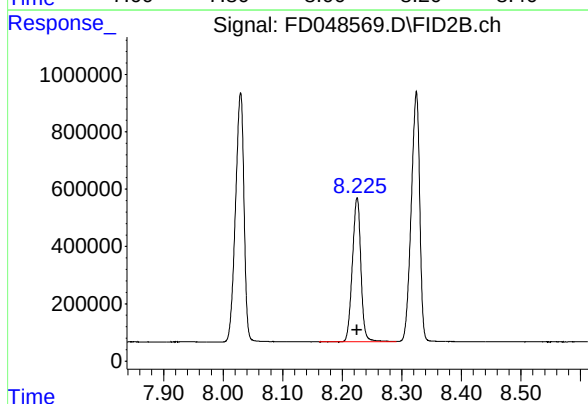
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 7529591
Conc: 49.96 ug/ml



#5 Acenaphthylene (C15.06)

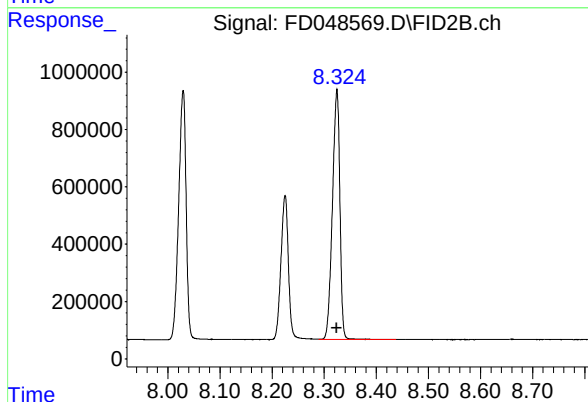
R.T.: 8.029 min
Delta R.T.: 0.000 min
Response: 8649197
Conc: 49.95 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



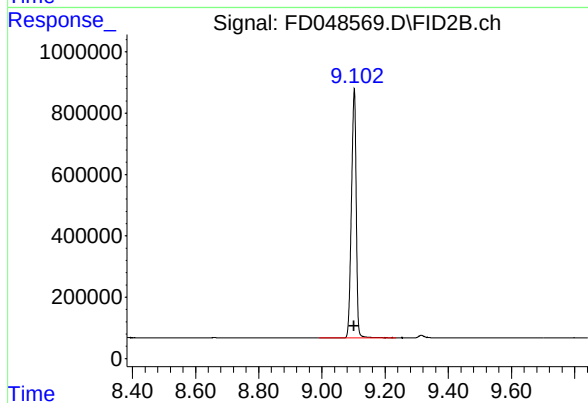
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 5021501
Conc: 50.13 ug/ml



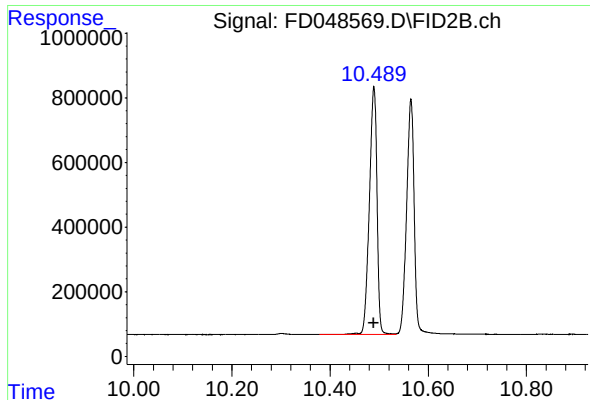
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 8673178
Conc: 49.89 ug/ml



#8 Flouorene (C16.55)

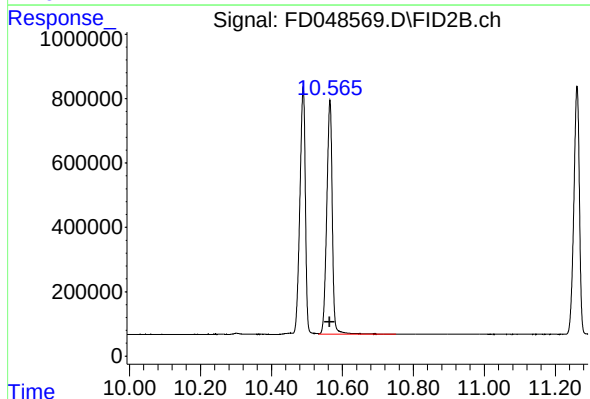
R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 8428307
Conc: 50.02 ug/ml



#9 Phenanthrene (C19.36)

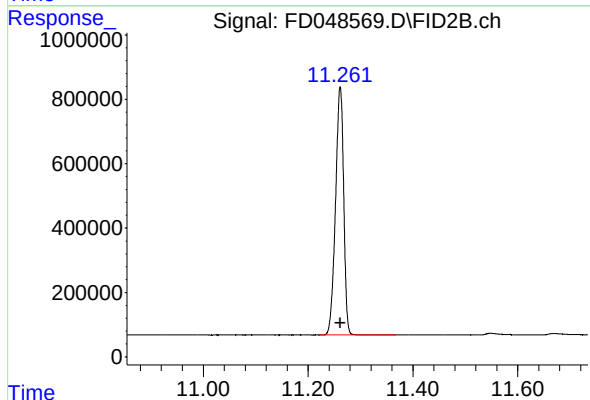
R.T.: 10.489 min
Delta R.T.: 0.000 min
Response: 8272929
Conc: 50.04 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



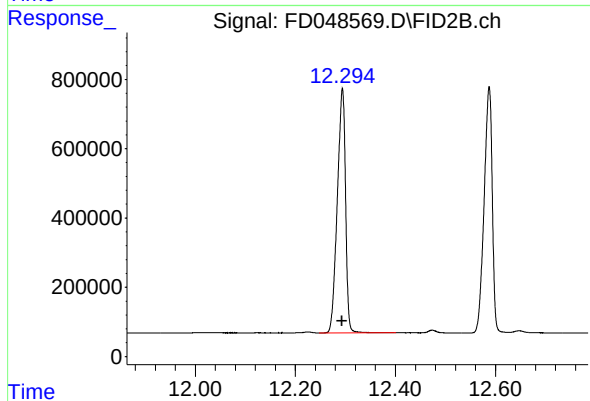
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: 0.000 min
Response: 7888616
Conc: 49.92 ug/ml



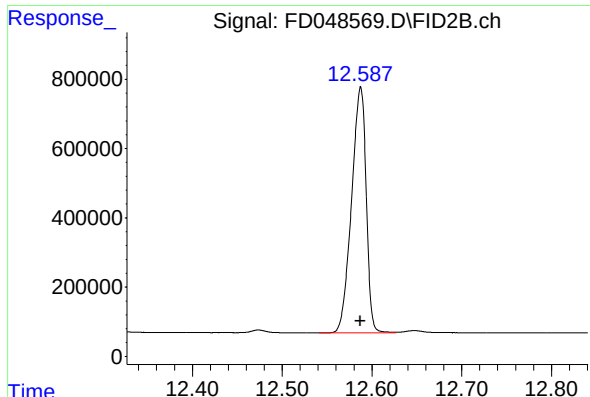
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: 0.000 min
Response: 8334280
Conc: 50.00 ug/ml



#12 Fluoranthene (C21.85)

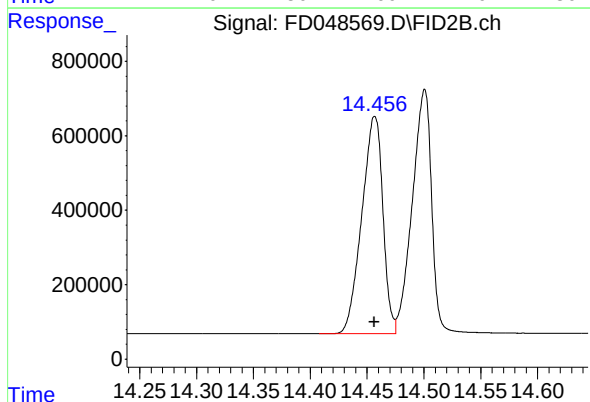
R.T.: 12.294 min
Delta R.T.: 0.000 min
Response: 8076662
Conc: 49.86 ug/ml



#13 Pyrene (C20.8)

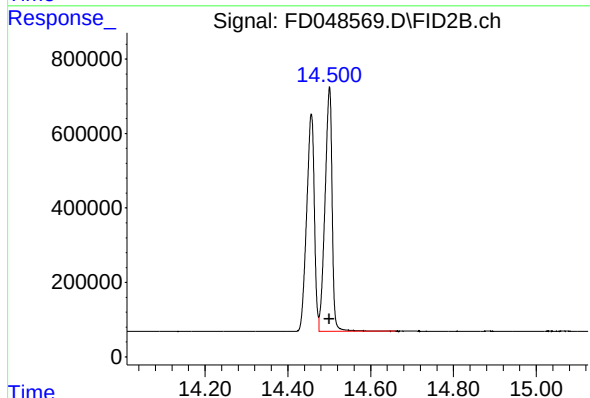
R.T.: 12.587 min
Delta R.T.: 0.000 min
Response: 8025067
Conc: 50.16 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



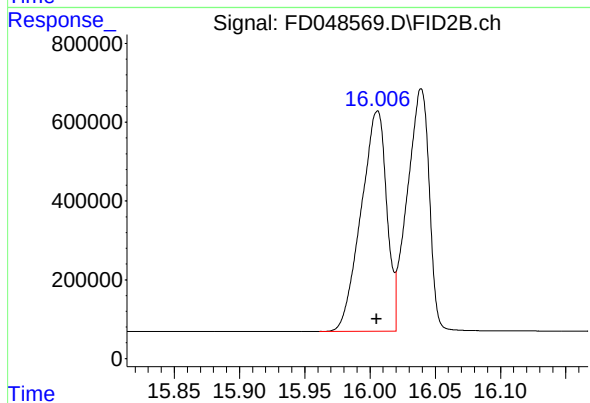
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.456 min
Delta R.T.: 0.000 min
Response: 7527575
Conc: 50.23 ug/ml



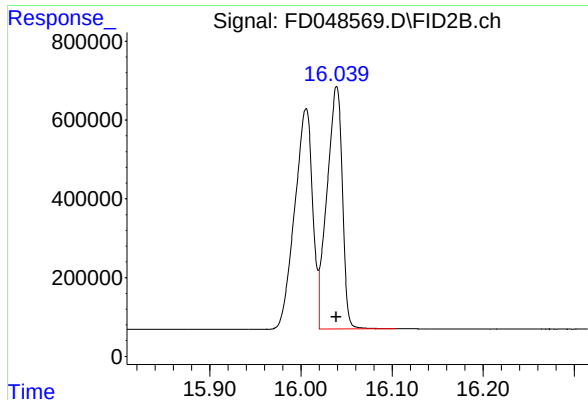
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: 0.000 min
Response: 7833293
Conc: 49.73 ug/ml



#16 benzo[b]fluoranthene (C30.41)

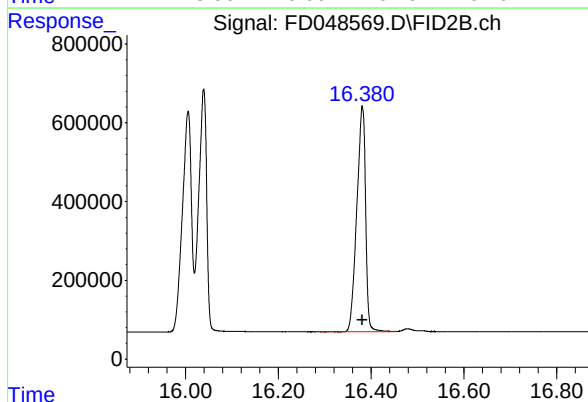
R.T.: 16.005 min
Delta R.T.: 0.000 min
Response: 7671770
Conc: 49.96 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

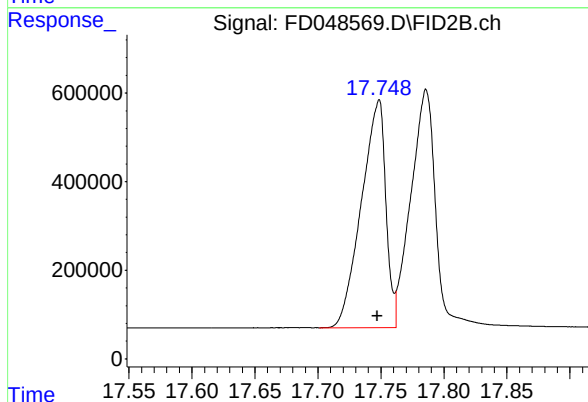
R.T.: 16.039 min
Delta R.T.: 0.000 min
Response: 7231888
Conc: 49.60 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



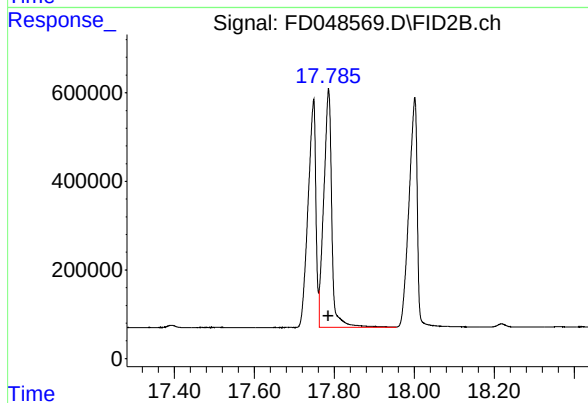
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: 0.000 min
Response: 7547267
Conc: 50.15 ug/ml



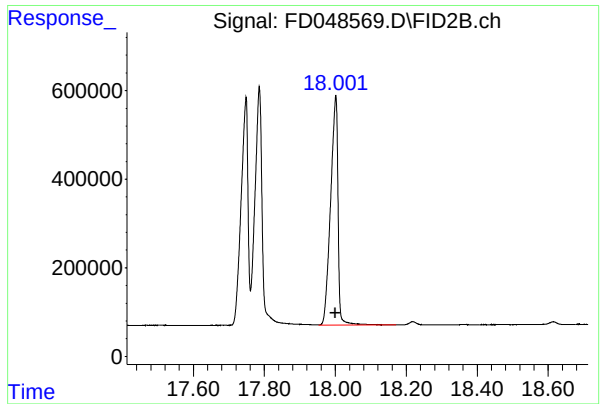
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.000 min
Response: 6949708
Conc: 50.43 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.785 min
Delta R.T.: 0.000 min
Response: 7539487
Conc: 49.47 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.000 min
Delta R.T.: 0.000 min
Response: 7527026
Conc: 49.87 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048569.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 15:48
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.196	4.161	4.255	BV	998732	8539641	96.04%	5.175%
2	5.715	5.631	5.868	BB	961300	8873483	99.79%	5.377%
3	6.762	6.724	6.872	PV	916254	8891978	100.00%	5.388%
4	7.375	7.304	7.471	BB	788165	7529591	84.68%	4.562%
5	8.029	7.988	8.148	BB	861509	8649197	97.27%	5.241%
6	8.225	8.161	8.290	BV	502069	5021501	56.47%	3.043%
7	8.324	8.290	8.438	VB	874209	8673178	97.54%	5.255%
8	9.102	8.991	9.234	BV	799296	8428307	94.79%	5.107%
9	10.489	10.378	10.534	BV	757282	8272929	93.04%	5.013%
10	10.565	10.534	10.751	VB	727764	7888616	88.72%	4.780%
11	11.261	11.221	11.368	BB	773174	8334280	93.73%	5.050%
12	12.294	12.247	12.401	PB	711390	8076662	90.83%	4.894%
13	12.587	12.541	12.627	BV	714458	8025067	90.25%	4.863%
14	14.456	14.408	14.475	PV	588127	7527575	84.66%	4.561%
15	14.500	14.475	14.661	VB	663541	7833293	88.09%	4.747%
16	16.005	15.961	16.020	BV	559367	7671770	86.28%	4.649%
17	16.039	16.020	16.104	VV	611862	7231888	81.33%	4.382%
18	16.381	16.288	16.453	BV	574389	7547267	84.88%	4.573%
19	17.747	17.701	17.762	BV	512967	6949708	78.16%	4.211%
20	17.785	17.762	17.954	VV	532723	7539487	84.79%	4.568%
21	18.000	17.954	18.171	VV	519884	7527026	84.65%	4.561%
Sum of corrected areas:						165032443		

Aromatic EPH 102324.M Wed Oct 23 18:18:22 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048570.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 16:25
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 23 17:10:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:09:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.372	3046545	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.222	1998164	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.258	3391146	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3464073	20.000 ug/ml
2) T Naphthalene (C11.7)	5.713	3597996	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3595810	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.025	3519888	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.319	3544868	20.000 ug/ml
8) T Fluorene (C16.55)	9.097	3404430	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.485	3327445	20.000 ug/ml
10) T Anthracene (C19.43)	10.560	3212978	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.288	3291616	20.000 ug/ml
13) T Pyrene (C20.8)	12.581	3226732	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.451	2984688	20.000 ug/ml
15) T Chrysene (C27.41)	14.492	3250919	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.997	3074553	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	3023398	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	3026012	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	2636324	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	3263027	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	3076637	20.000 ug/ml

(f)=RT Delta > 1/2 Window

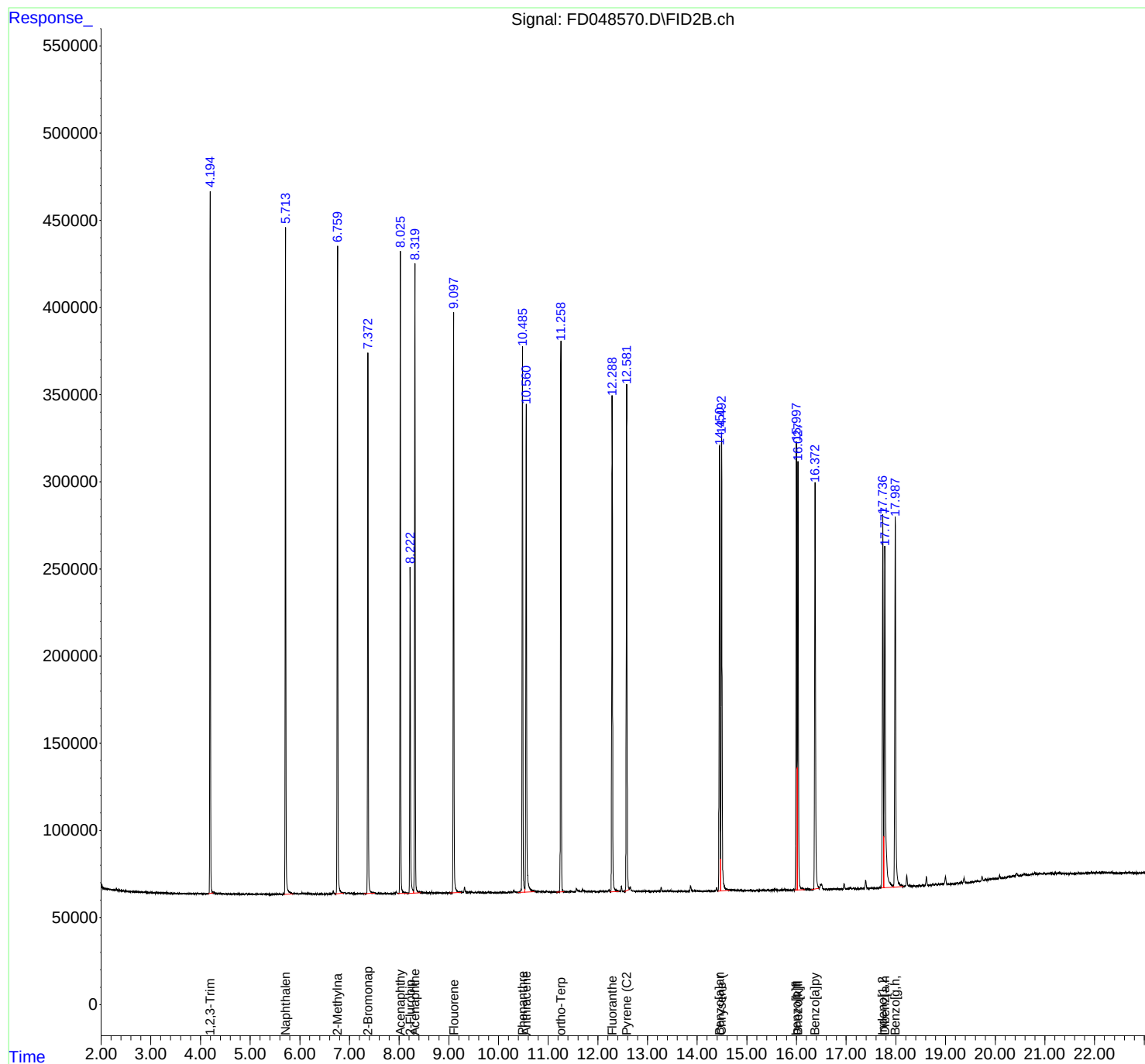
(m)=manual int.

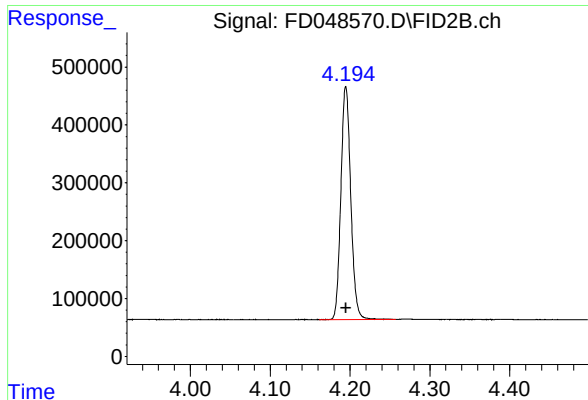
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048570.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 16:25
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 23 17:10:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 17:09:25 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

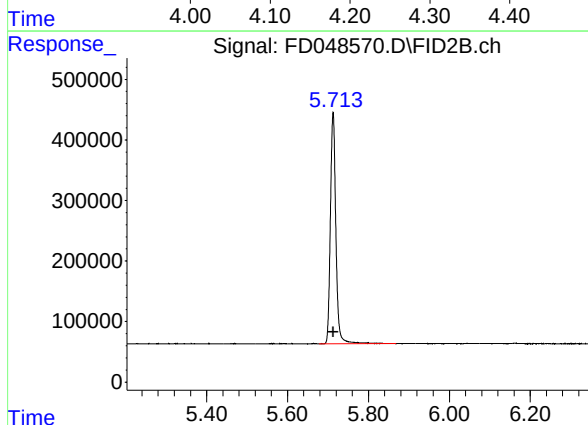




#1 1,2,3-Trimethylbenzene (C10.1)

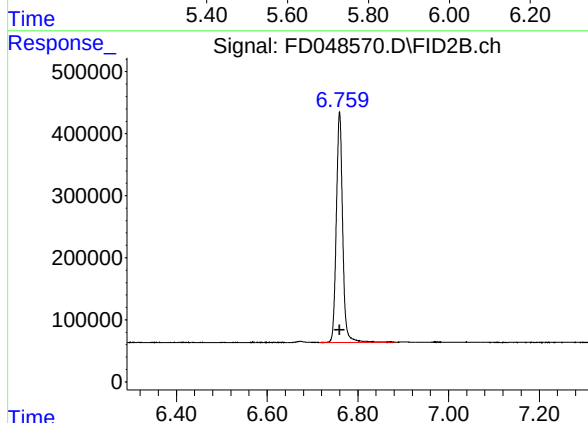
R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 3464073
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



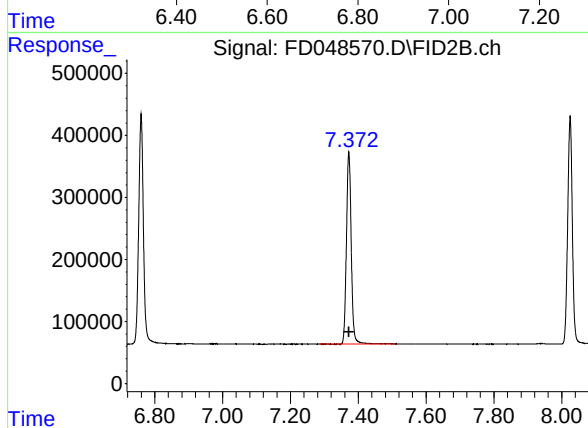
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 3597996
Conc: 20.00 ug/ml



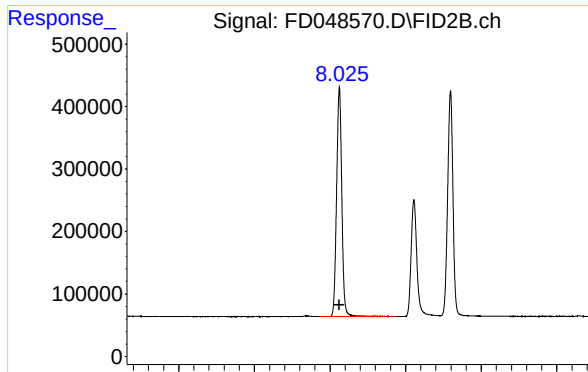
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 3595810
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

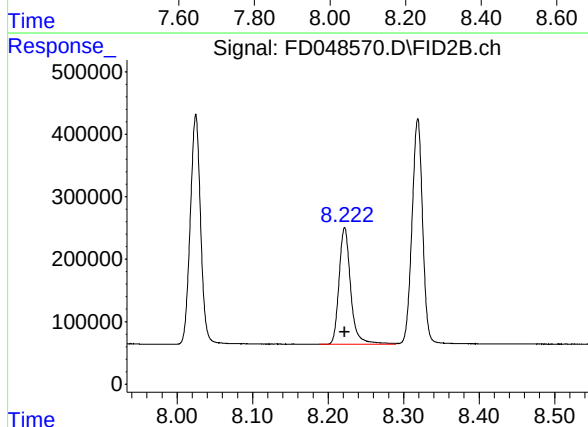
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3046545
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

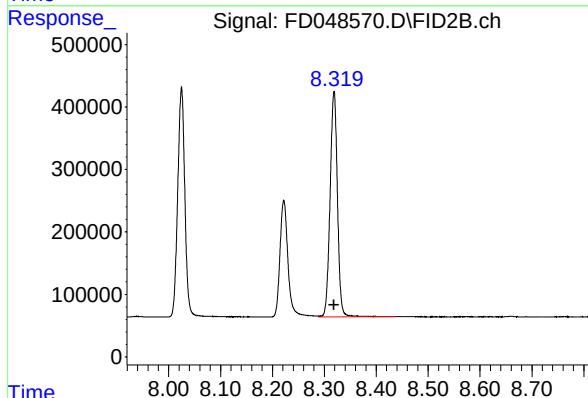
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 3519888
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



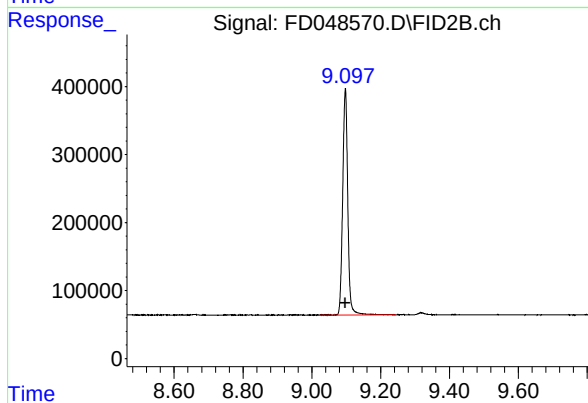
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 1998164
Conc: 20.00 ug/ml



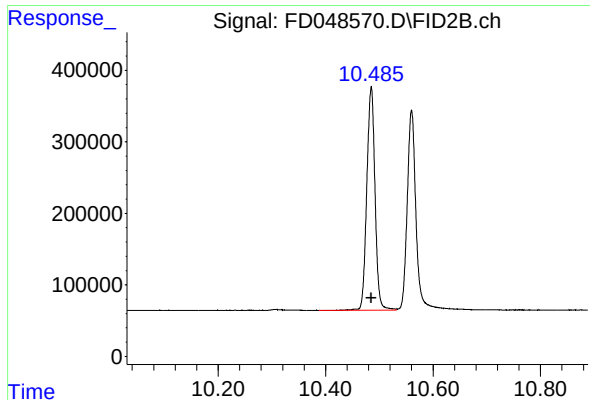
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 3544868
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

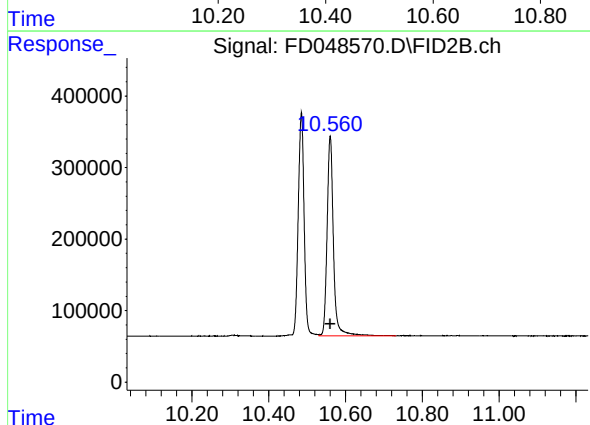
R.T.: 9.097 min
Delta R.T.: 0.000 min
Response: 3404430
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

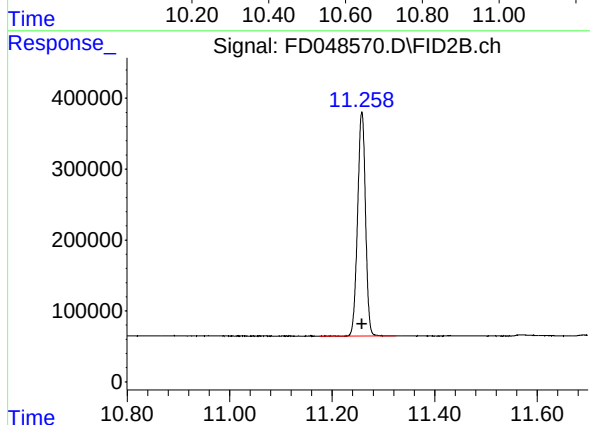
R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 3327445
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



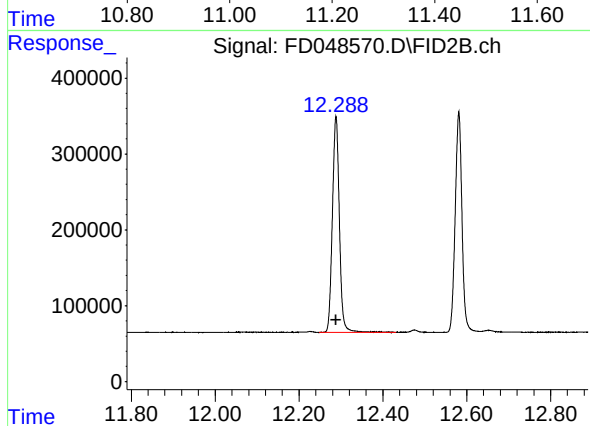
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: 0.000 min
Response: 3212978
Conc: 20.00 ug/ml



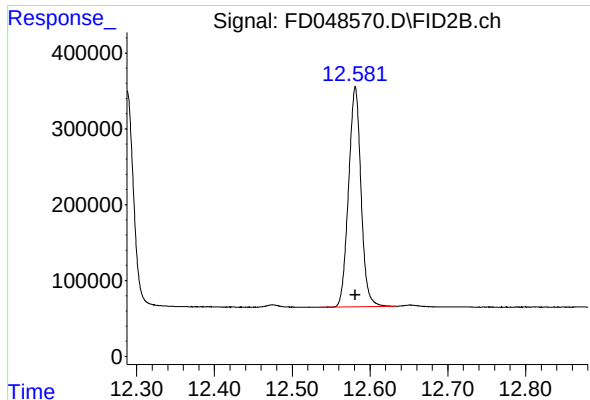
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 3391146
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

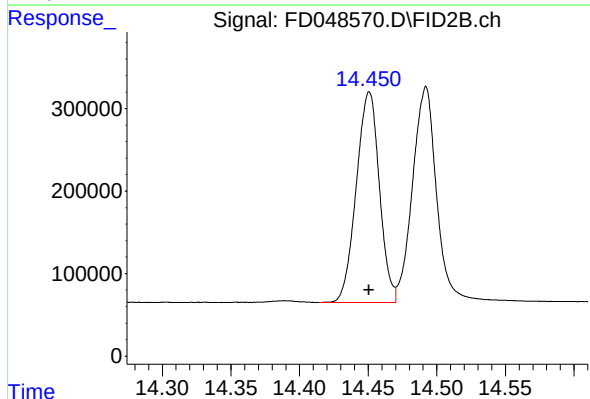
R.T.: 12.288 min
Delta R.T.: 0.000 min
Response: 3291616
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

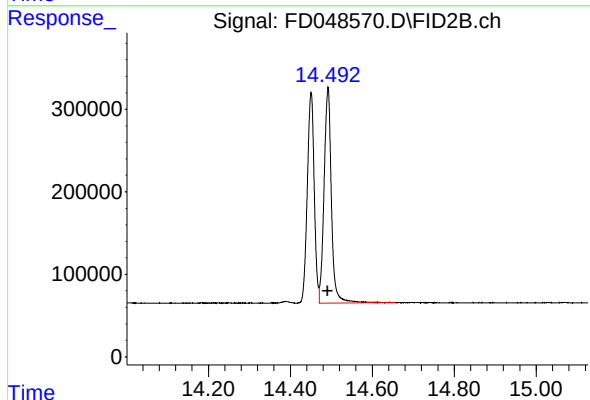
R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 3226732
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



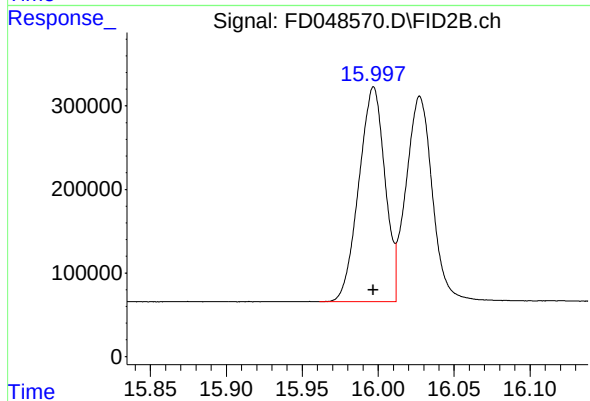
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: 0.000 min
Response: 2984688
Conc: 20.00 ug/ml



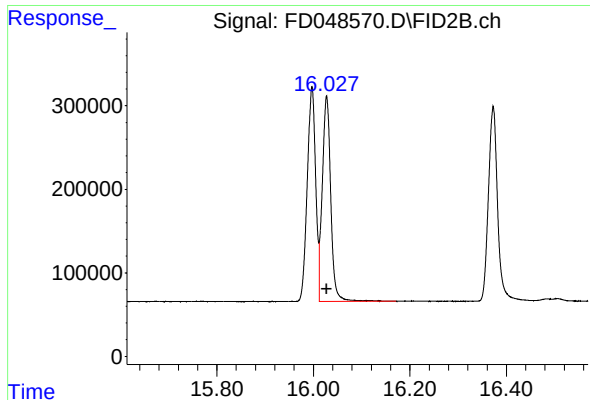
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 3250919
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

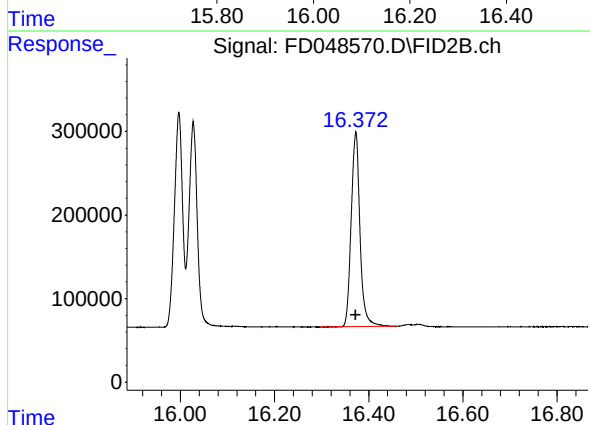
R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 3074553
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

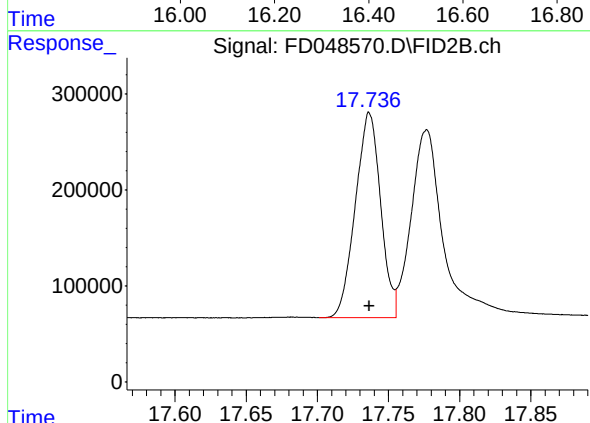
R.T.: 16.027 min
Delta R.T.: 0.000 min
Response: 3023398
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



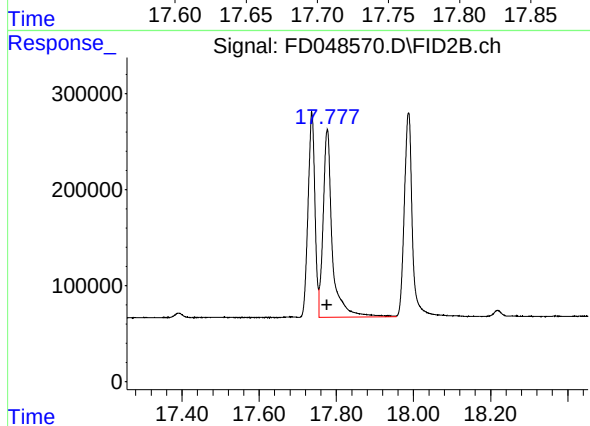
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: 0.000 min
Response: 3026012
Conc: 20.00 ug/ml



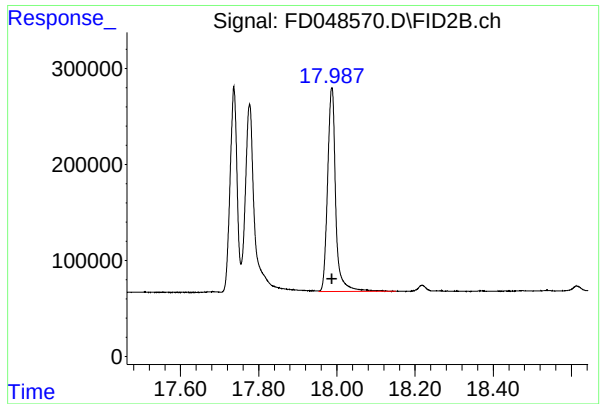
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: 0.000 min
Response: 2636324
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.777 min
Delta R.T.: 0.000 min
Response: 3263027
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.987 min
Delta R.T.: 0.000 min
Response: 3076637
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048570.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 16:25
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.195	4.161	4.257	BV	402734	3464073	96.28%	5.174%
2	5.713	5.678	5.868	PB	378310	3597996	100.00%	5.374%
3	6.760	6.714	6.884	PV	369607	3595810	99.94%	5.370%
4	7.372	7.284	7.511	BB	309427	3046545	84.67%	4.550%
5	8.025	7.971	8.174	BV	366415	3519888	97.83%	5.257%
6	8.222	8.188	8.290	PV	185974	1998164	55.54%	2.984%
7	8.319	8.290	8.438	VB	358996	3544868	98.52%	5.294%
8	9.097	9.021	9.244	BB	332486	3404430	94.62%	5.084%
9	10.485	10.388	10.531	BV	311516	3327445	92.48%	4.970%
10	10.560	10.531	10.731	VB	280274	3212978	89.30%	4.799%
11	11.258	11.174	11.324	BB	316403	3391146	94.25%	5.065%
12	12.288	12.248	12.431	PB	284432	3291616	91.48%	4.916%
13	12.581	12.534	12.633	PV	290024	3226732	89.68%	4.819%
14	14.451	14.414	14.470	PV	256334	2984688	82.95%	4.458%
15	14.492	14.470	14.658	VB	259225	3250919	90.35%	4.855%
16	15.997	15.961	16.012	BV	257955	3074553	85.45%	4.592%
17	16.027	16.012	16.171	VB	245800	3023398	84.03%	4.515%
18	16.372	16.294	16.458	BV	230365	3026012	84.10%	4.519%
19	17.737	17.701	17.755	BV	213338	2636324	73.27%	3.937%
20	17.777	17.755	17.954	VV	197036	3263027	90.69%	4.873%
21	17.987	17.954	18.151	VB	213971	3076637	85.51%	4.595%
Sum of corrected areas:						66957247		

Aromatic EPH 102324.M Wed Oct 23 18:18:39 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048571.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 17:02
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 23 17:44:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:44:12 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.373	1535833	10.143 ug/ml
Spiked Amount 50.000		Recovery =	20.29%
6) S 2-Fluorobiphenyl (SURR)	8.224	998081	9.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.95%
11) S ortho-Terphenyl (SURR)	11.257	1758096	10.404 ug/ml
Spiked Amount 50.000		Recovery =	20.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	1780007	10.297 ug/ml
2) T Naphthalene (C11.7)	5.714	1822653	10.186 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	1826622	10.197 ug/ml
5) T Acenaphthylene (C15.06)	8.025	1809718	10.335 ug/ml
7) T Acenaphthene (C15.5)	8.318	1838643	10.425 ug/ml
8) T Fluorene (C16.55)	9.098	1719817	10.154 ug/ml
9) T Phenanthrene (C19.36)	10.484	1680489	10.124 ug/ml
10) T Anthracene (C19.43)	10.560	1635709	10.260 ug/ml
12) T Fluoranthene (C21.85)	12.288	1671203	10.236 ug/ml
13) T Pyrene (C20.8)	12.581	1639022	10.183 ug/ml
14) T Benzo[a]anthracene (C...	14.450	1472368	9.868 ug/ml
15) T Chrysene (C27.41)	14.491	1725560	10.700 ug/ml
16) T benzo[b]fluoranthene ...	15.995	1544713	10.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.026	1579300	10.611 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	1518079	10.066 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	1259393	9.340 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	1780079	11.209 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	1603528	10.461 ug/ml

(f)=RT Delta > 1/2 Window

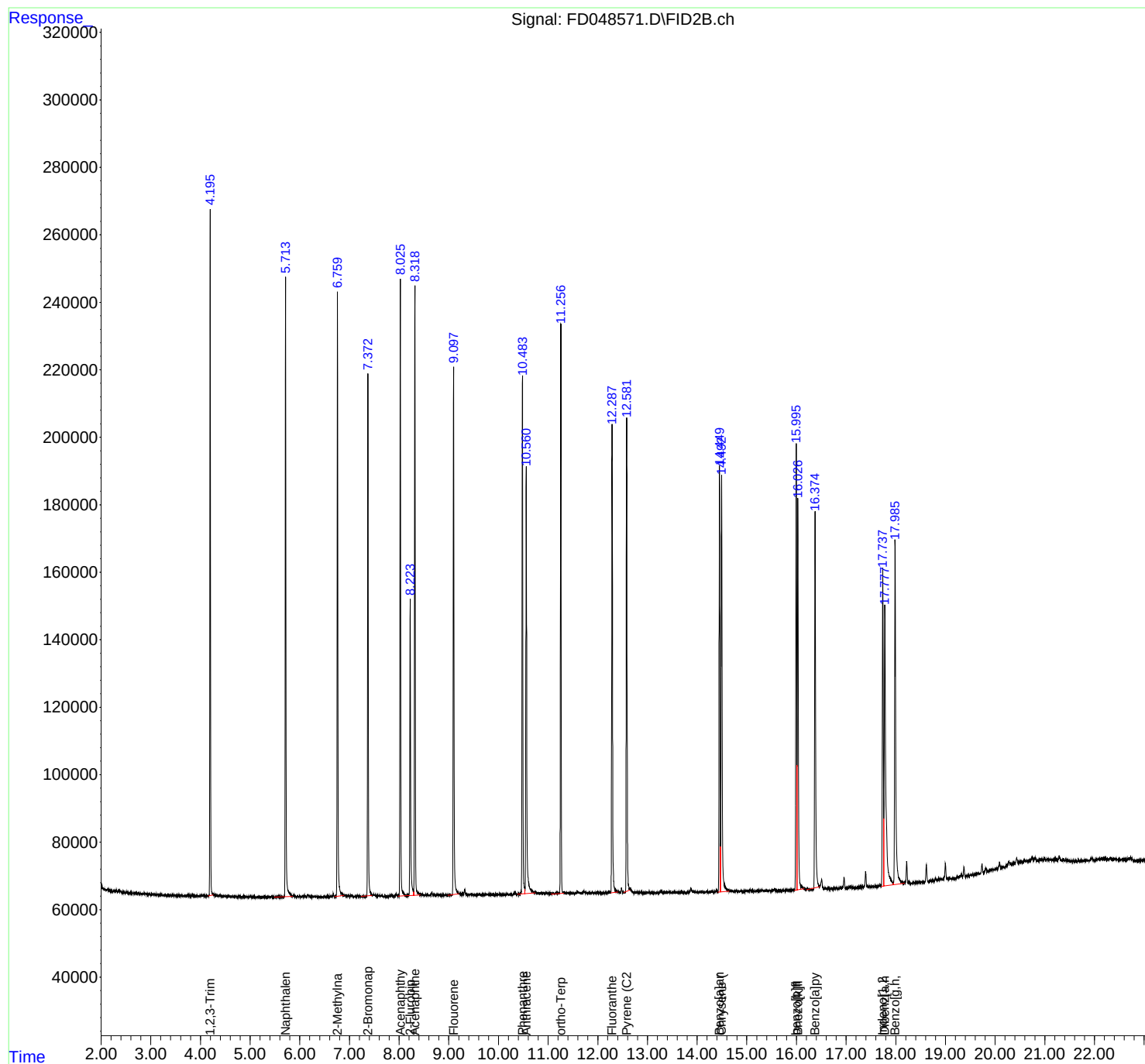
(m)=manual int.

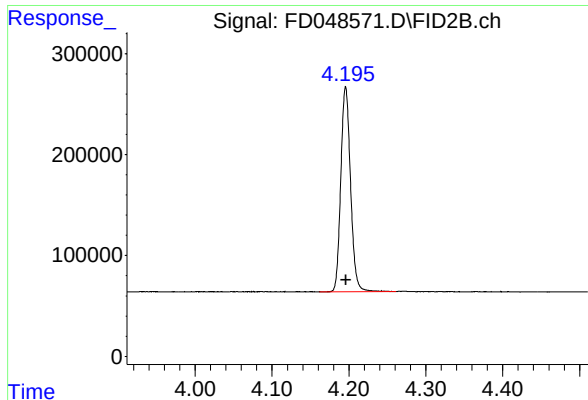
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048571.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 17:02
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 23 17:44:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 17:44:12 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

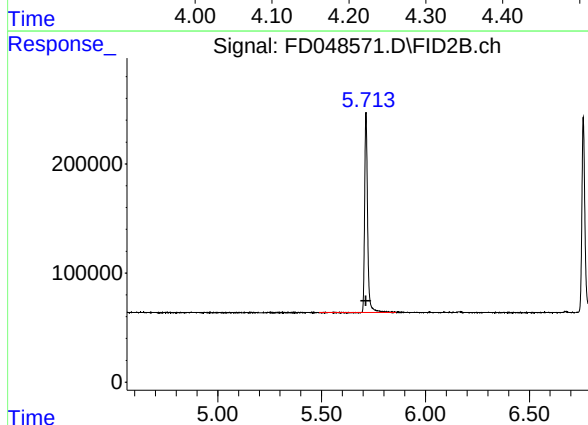




#1 1,2,3-Trimethylbenzene (C10.1)

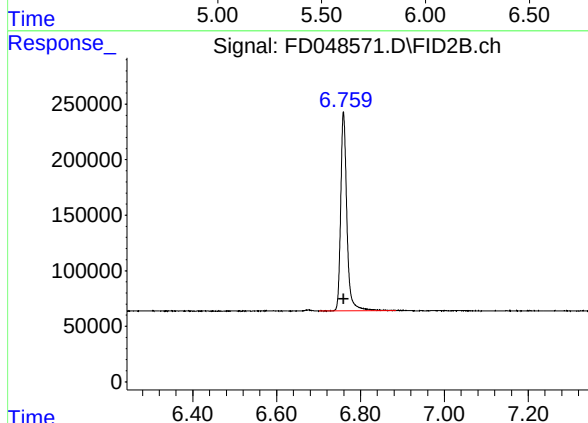
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 1780007
Conc: 10.30 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



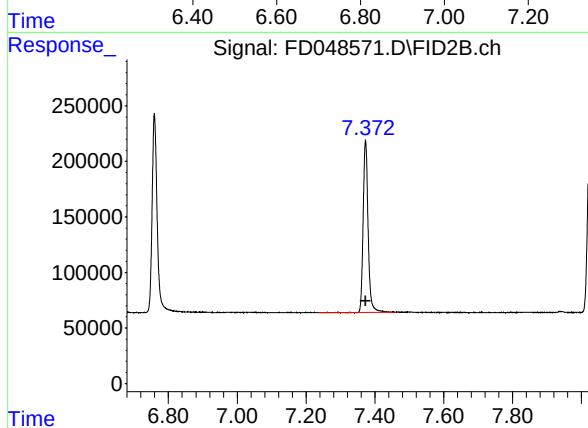
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 1822653
Conc: 10.19 ug/ml



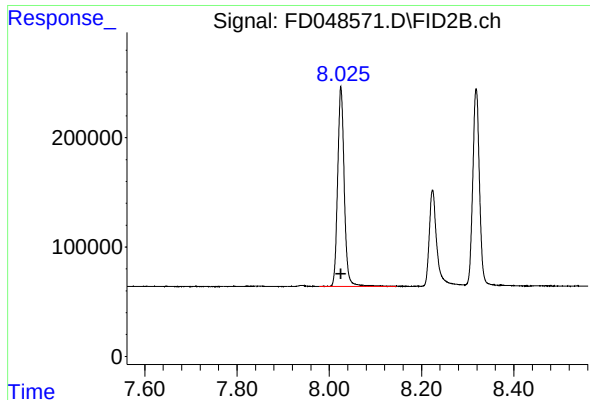
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 1826622
Conc: 10.20 ug/ml



#4 2-Bromonaphthalene (SURR)

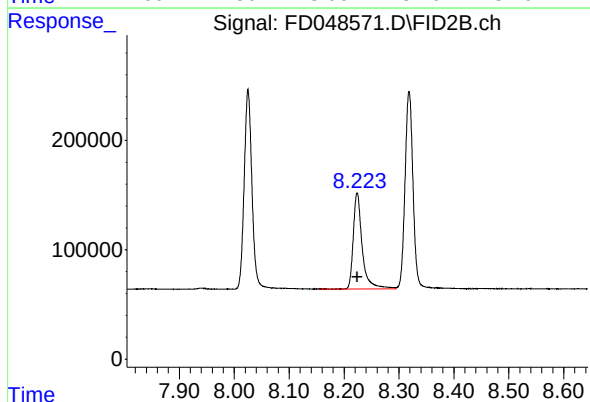
R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 1535833
Conc: 10.14 ug/ml



#5 Acenaphthylene (C15.06)

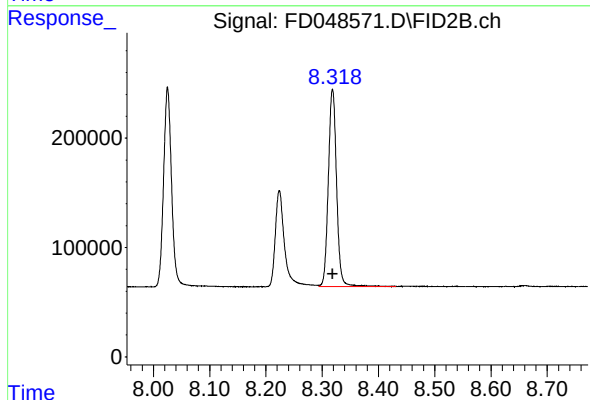
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 1809718
Conc: 10.34 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



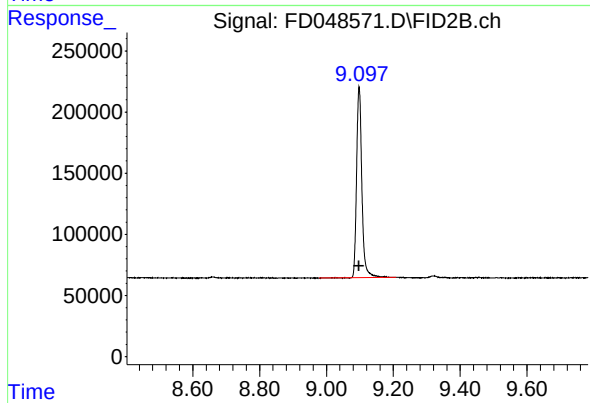
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 998081
Conc: 9.97 ug/ml



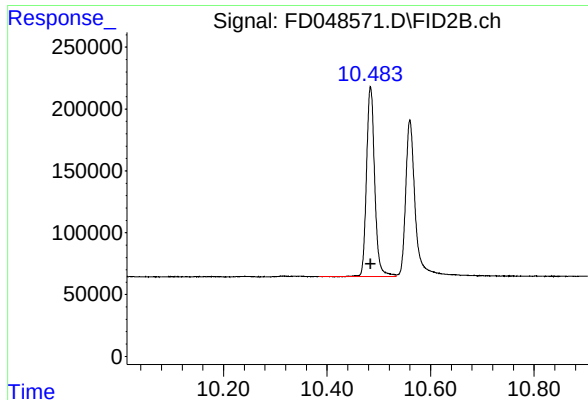
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 1838643
Conc: 10.43 ug/ml



#8 Flouorene (C16.55)

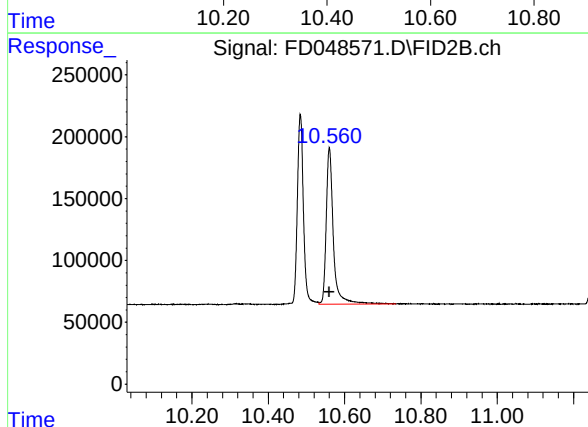
R.T.: 9.098 min
Delta R.T.: 0.000 min
Response: 1719817
Conc: 10.15 ug/ml



#9 Phenanthrene (C19.36)

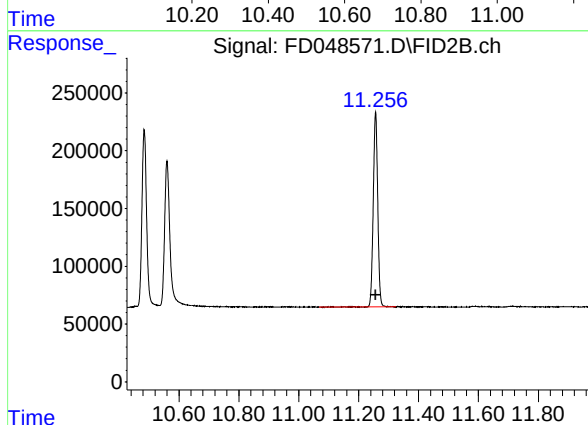
R.T.: 10.484 min
Delta R.T.: 0.000 min
Response: 1680489
Conc: 10.12 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



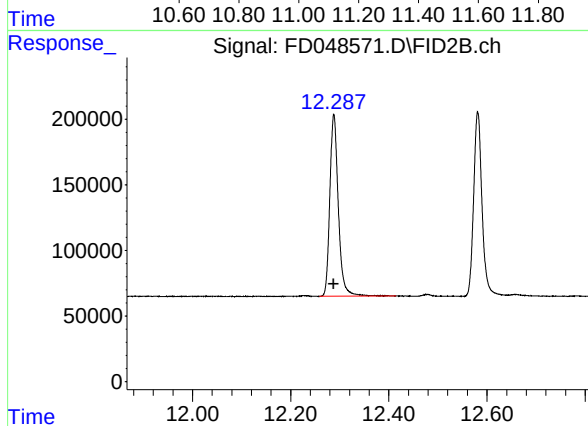
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: 0.000 min
Response: 1635709
Conc: 10.26 ug/ml



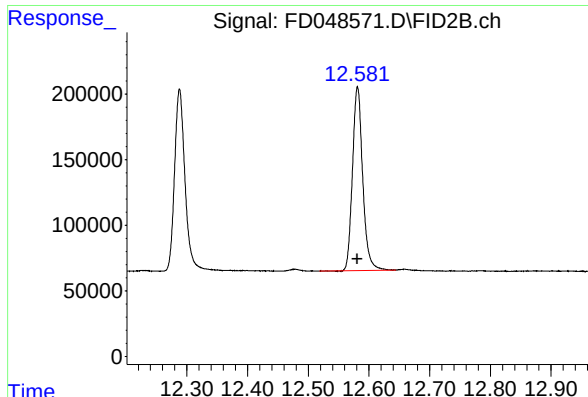
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 1758096
Conc: 10.40 ug/ml



#12 Fluoranthene (C21.85)

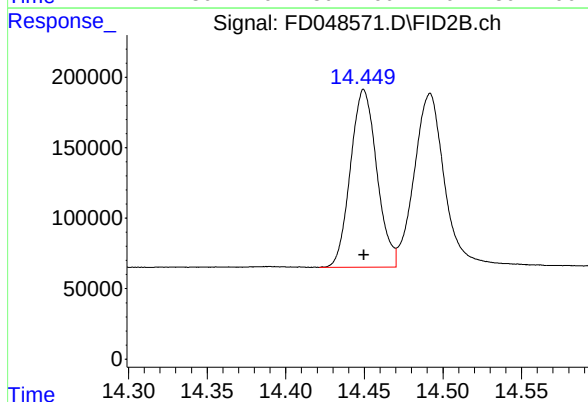
R.T.: 12.288 min
Delta R.T.: 0.000 min
Response: 1671203
Conc: 10.24 ug/ml



#13 Pyrene (C20.8)

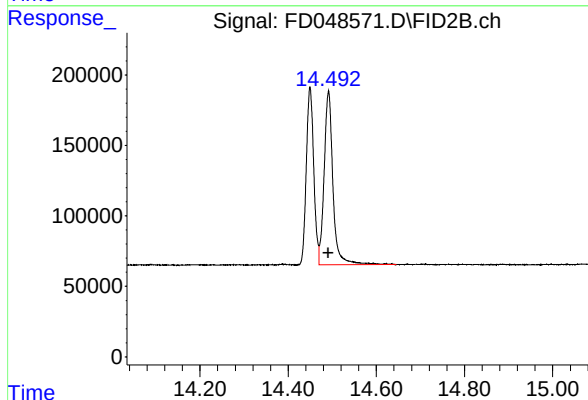
R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 1639022
Conc: 10.18 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



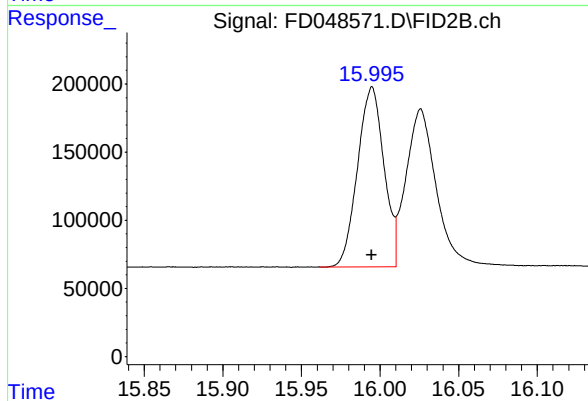
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: 0.000 min
Response: 1472368
Conc: 9.87 ug/ml



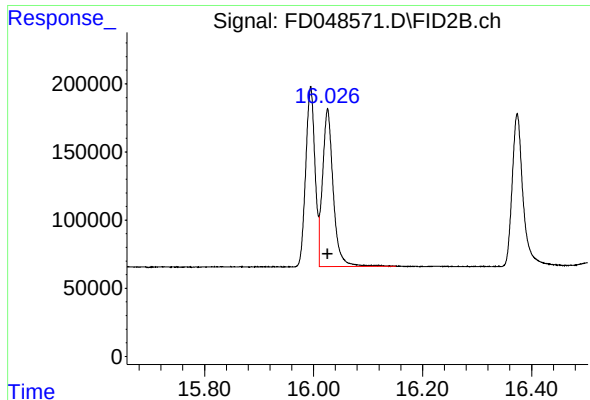
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: 0.000 min
Response: 1725560
Conc: 10.70 ug/ml



#16 benzo[b]fluoranthene (C30.41)

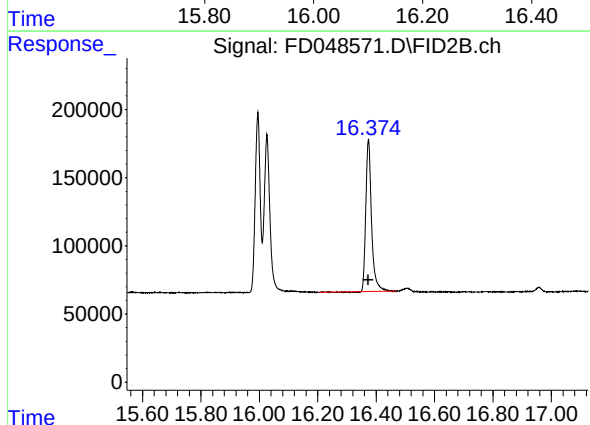
R.T.: 15.995 min
Delta R.T.: 0.000 min
Response: 1544713
Conc: 10.04 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

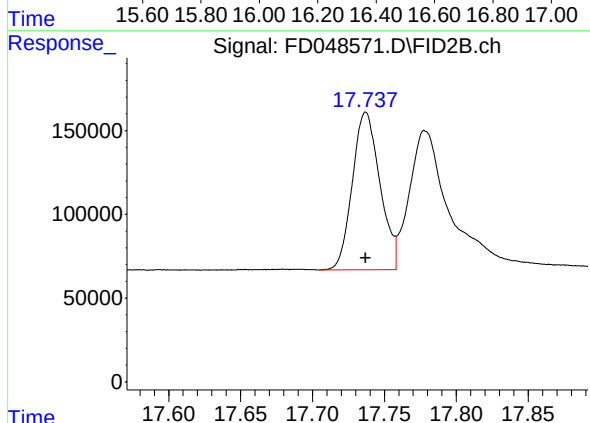
R.T.: 16.026 min
Delta R.T.: 0.000 min
Response: 1579300
Conc: 10.61 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



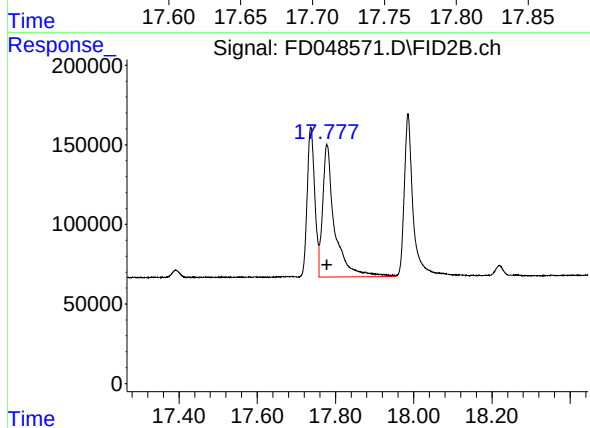
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: 0.000 min
Response: 1518079
Conc: 10.07 ug/ml



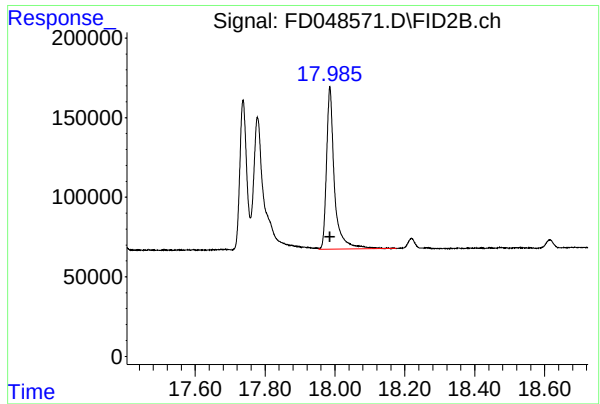
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: 0.000 min
Response: 1259393
Conc: 9.34 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.779 min
Delta R.T.: 0.000 min
Response: 1780079
Conc: 11.21 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.986 min
Delta R.T.: 0.000 min
Response: 1603528
Conc: 10.46 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048571.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 17:02
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.196	4.161	4.261	BV	201703	1780007	96.81%	5.205%
2	5.714	5.488	5.858	BB	181375	1822653	99.13%	5.330%
3	6.760	6.701	6.885	BB	175216	1826622	99.35%	5.341%
4	7.373	7.238	7.461	BB	154245	1535833	83.53%	4.491%
5	8.025	7.978	8.145	BB	181606	1809718	98.43%	5.292%
6	8.224	8.155	8.295	BV	87703	998081	54.28%	2.918%
7	8.318	8.295	8.431	VV	180640	1838643	100.00%	5.376%
8	9.098	8.978	9.208	BB	155949	1719817	93.54%	5.029%
9	10.484	10.385	10.533	BV	153275	1680489	91.40%	4.914%
10	10.560	10.533	10.735	VB	125868	1635709	88.96%	4.783%
11	11.257	11.068	11.325	BB	168238	1758096	95.62%	5.141%
12	12.288	12.258	12.415	BB	138726	1671203	90.89%	4.887%
13	12.581	12.518	12.645	BV	140018	1639022	89.14%	4.793%
14	14.450	14.421	14.470	PV	124977	1472368	80.08%	4.305%
15	14.491	14.470	14.645	VB	122848	1725560	93.85%	5.046%
16	15.995	15.961	16.010	BV	131640	1544713	84.01%	4.517%
17	16.026	16.010	16.151	VB	114804	1579300	85.89%	4.618%
18	16.374	16.205	16.468	BV	111460	1518079	82.57%	4.439%
19	17.737	17.705	17.758	BV	94271	1259393	68.50%	3.683%
20	17.779	17.758	17.955	VV	83223	1780079	96.81%	5.205%
21	17.986	17.955	18.175	VB	101691	1603528	87.21%	4.689%
Sum of corrected areas:						34198912		

Aromatic EPH 102324.M Wed Oct 23 18:19:08 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048572.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 17:38
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 23 18:14:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:05 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	765966	5.047 ug/ml
Spiked Amount 50.000		Recovery =	10.09%
6) S 2-Fluorobiphenyl (SURR)	8.228	453280	4.616 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.23%
11) S ortho-Terphenyl (SURR)	11.257	878976	5.160 ug/ml
Spiked Amount 50.000		Recovery =	10.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.197	891941	5.127 ug/ml
2) T Naphthalene (C11.7)	5.716	882030	4.943 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	888953	4.970 ug/ml
5) T Acenaphthylene (C15.06)	8.026	887785	5.056 ug/ml
7) T Acenaphthene (C15.5)	8.319	906880	5.113 ug/ml
8) T Fluorene (C16.55)	9.101	838419	4.960 ug/ml
9) T Phenanthrene (C19.36)	10.487	812730	4.917 ug/ml
10) T Anthracene (C19.43)	10.565	809302	5.061 ug/ml
12) T Fluoranthene (C21.85)	12.291	849157	5.160 ug/ml
13) T Pyrene (C20.8)	12.583	807675	5.014 ug/ml
14) T Benzo[a]anthracene (C...	14.453	671281	4.591 ug/ml
15) T Chrysene (C27.41)	14.493	886842	5.391 ug/ml
16) T benzo[b]fluoranthene ...	15.998	725025	4.769 ug/ml
17) T Bnezo[k]fluoranthene ...	16.030	780831	5.195 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	746043	4.957 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	565150	4.331 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	892102	5.482 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	761556	4.974 ug/ml

(f)=RT Delta > 1/2 Window

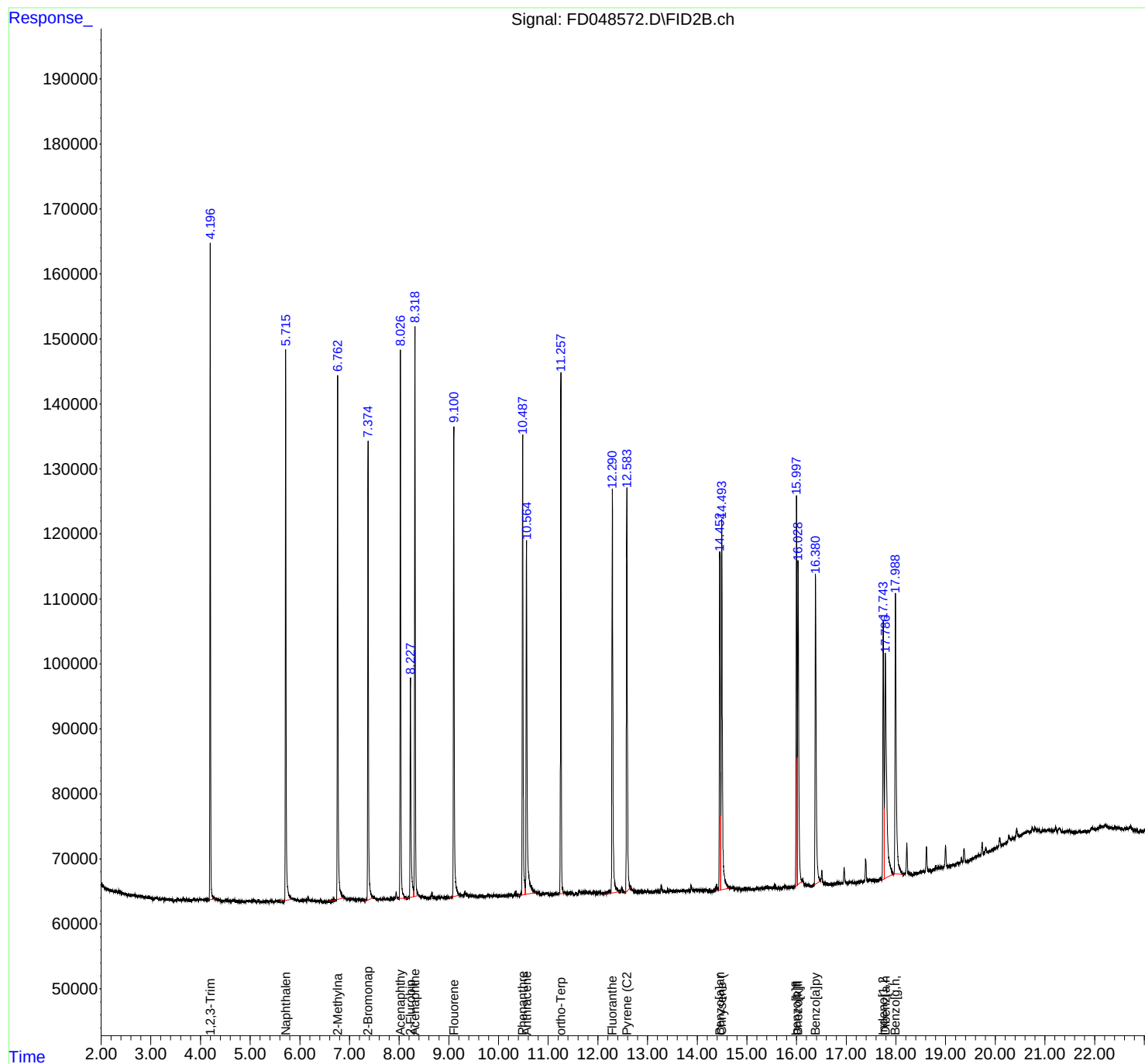
(m)=manual int.

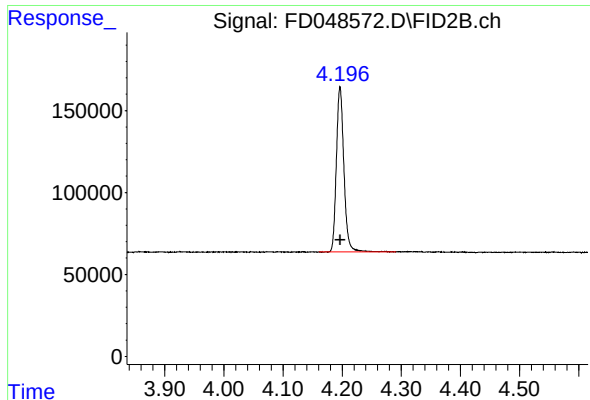
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048572.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 17:38
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 23 18:14:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:14:05 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

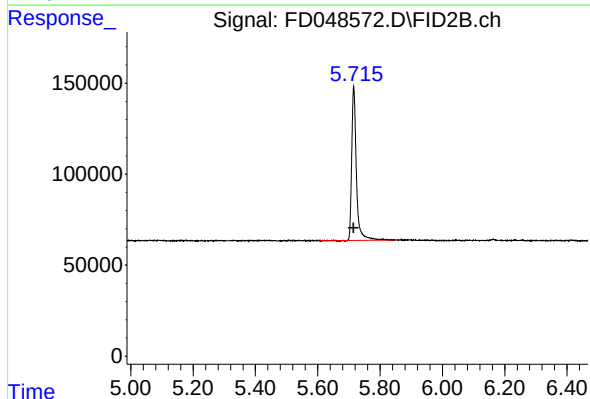




#1 1,2,3-Trimethylbenzene (C10.1)

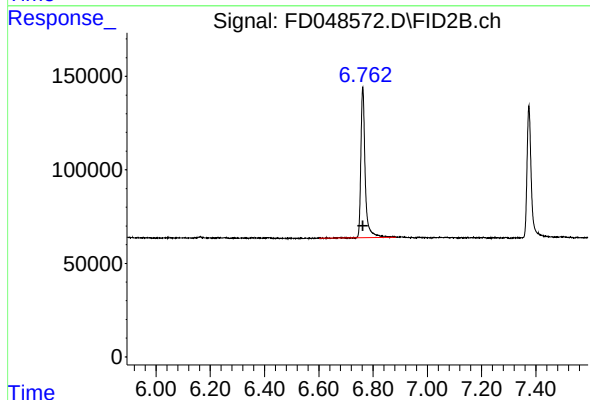
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 891941
Conc: 5.13 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



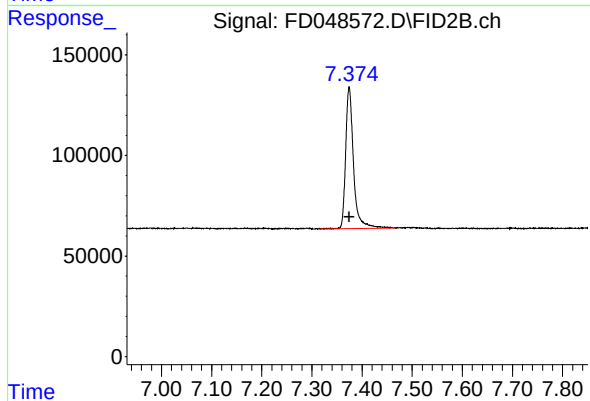
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 882030
Conc: 4.94 ug/ml



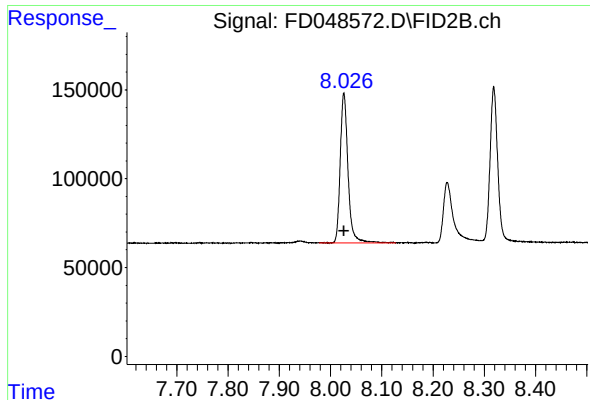
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 888953
Conc: 4.97 ug/ml



#4 2-Bromonaphthalene (SURR)

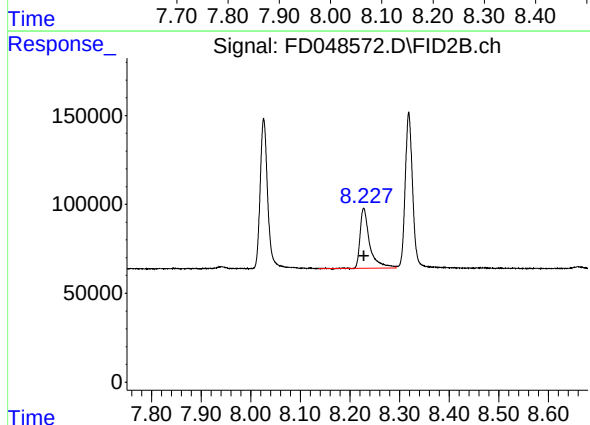
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 765966
Conc: 5.05 ug/ml



#5 Acenaphthylene (C15.06)

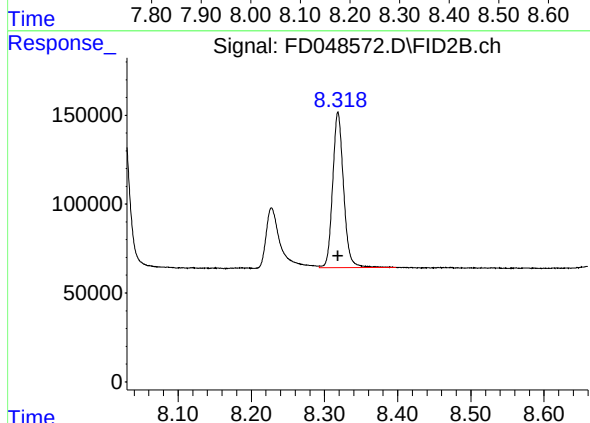
R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 887785
Conc: 5.06 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



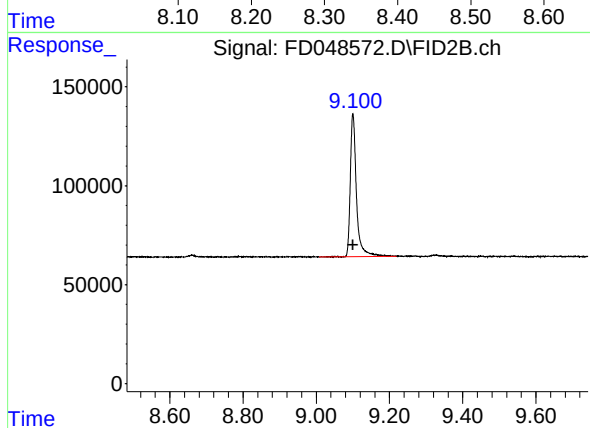
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 453280
Conc: 4.62 ug/ml



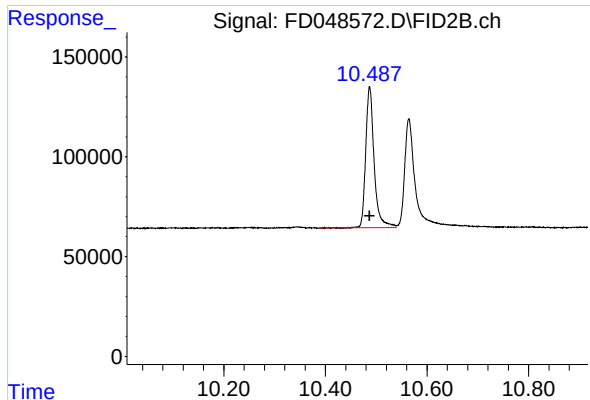
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 906880
Conc: 5.11 ug/ml



#8 Fluorene (C16.55)

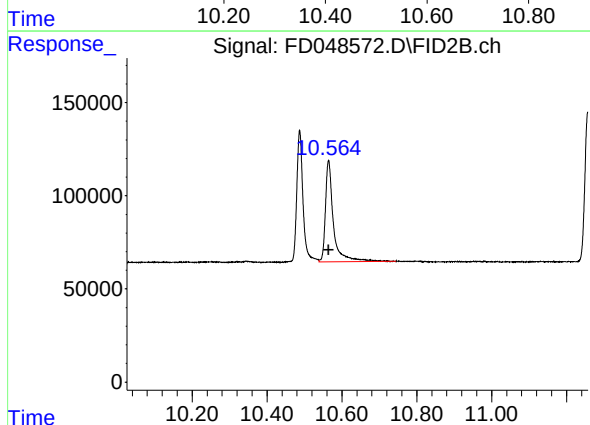
R.T.: 9.101 min
Delta R.T.: 0.000 min
Response: 838419
Conc: 4.96 ug/ml



#9 Phenanthrene (C19.36)

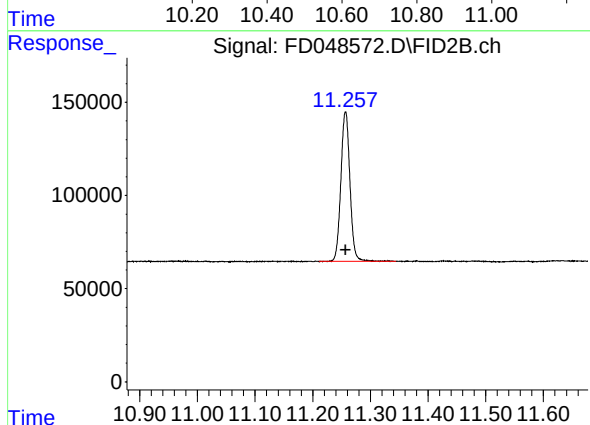
R.T.: 10.487 min
Delta R.T.: 0.000 min
Response: 812730
Conc: 4.92 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



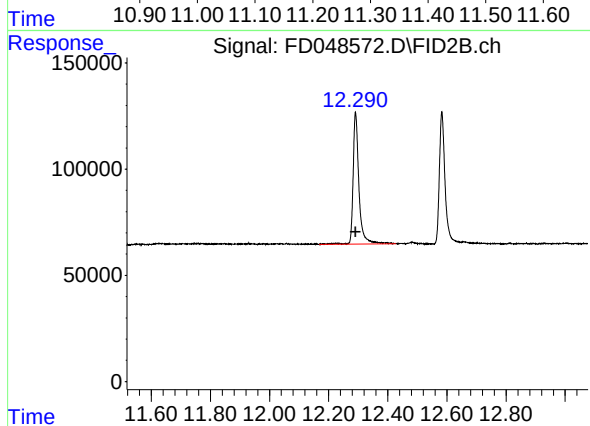
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: 0.000 min
Response: 809302
Conc: 5.06 ug/ml



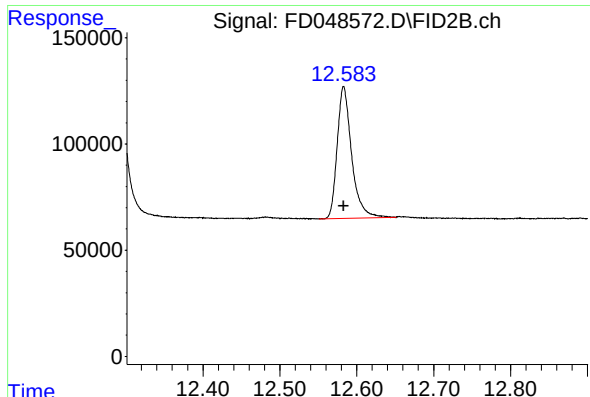
#11 ortho-Terphenyl (SURRE)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 878976
Conc: 5.16 ug/ml



#12 Fluoranthene (C21.85)

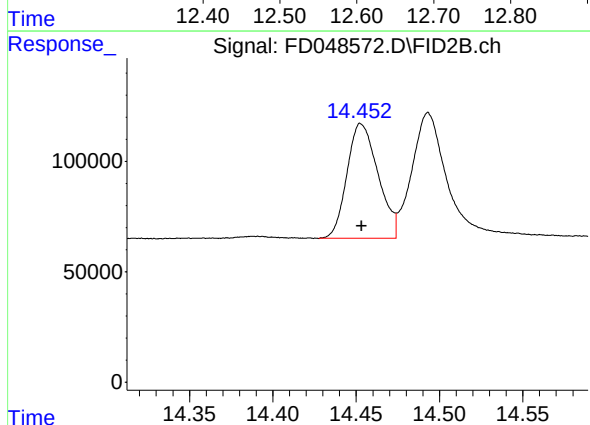
R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 849157
Conc: 5.16 ug/ml



#13 Pyrene (C20.8)

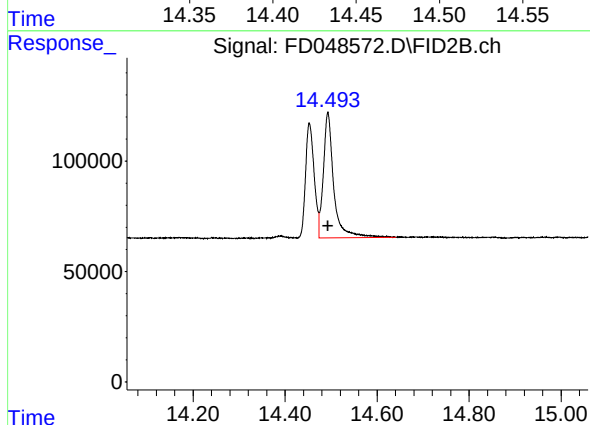
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 807675
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



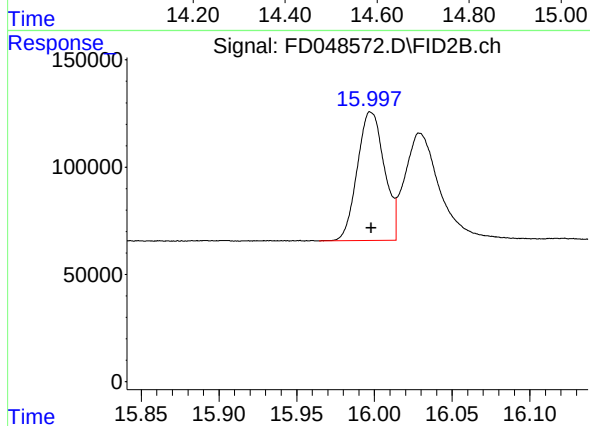
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.453 min
Delta R.T.: 0.000 min
Response: 671281
Conc: 4.59 ug/ml



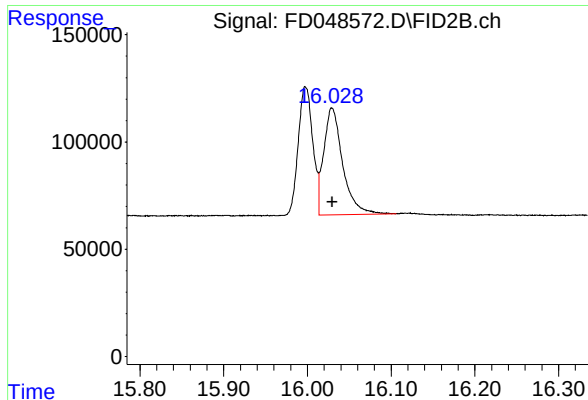
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 886842
Conc: 5.39 ug/ml



#16 benzo[b]fluoranthene (C30.41)

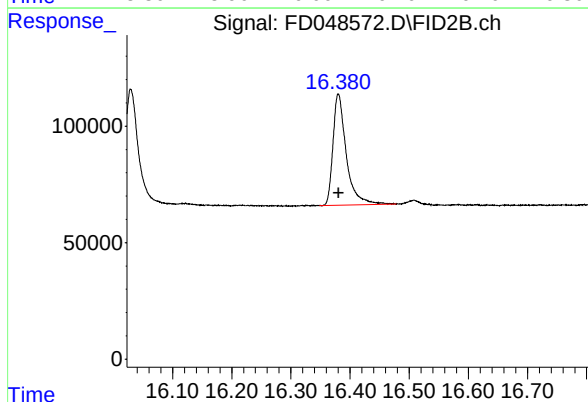
R.T.: 15.998 min
Delta R.T.: 0.000 min
Response: 725025
Conc: 4.77 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

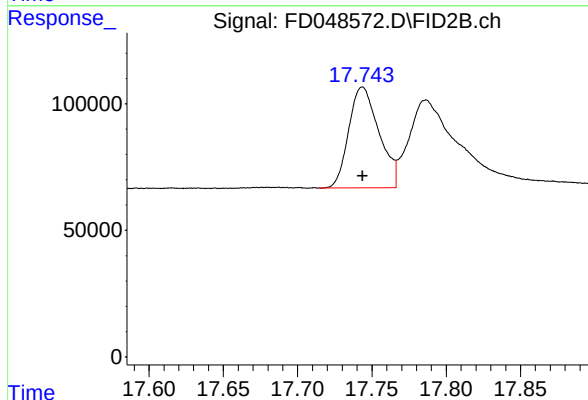
R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 780831
Conc: 5.20 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



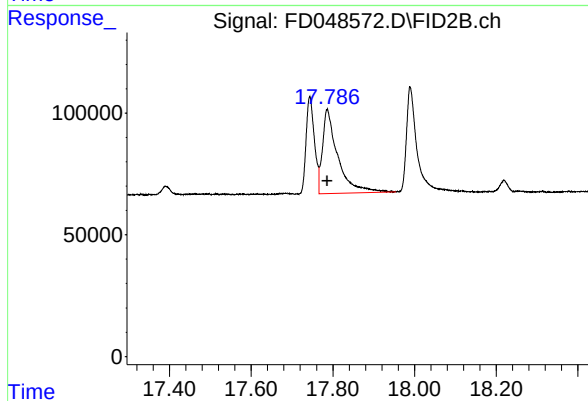
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: 0.000 min
Response: 746043
Conc: 4.96 ug/ml



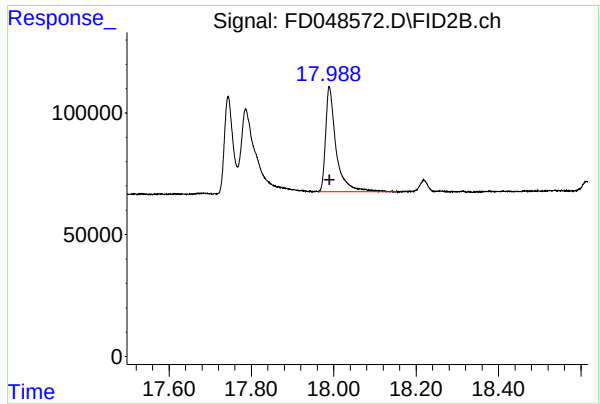
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: 0.000 min
Response: 565150
Conc: 4.33 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.787 min
Delta R.T.: 0.000 min
Response: 892102
Conc: 5.48 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.990 min
Delta R.T.: 0.000 min
Response: 761556
Conc: 4.97 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5

A

B

C

D

E

F

G

H

I

J

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048572.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 17:38
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.197	4.161	4.291	BB	99856	891941	98.35%	5.340%
2	5.716	5.604	5.851	BB	84500	882030	97.26%	5.281%
3	6.762	6.601	6.884	BB	80288	888953	98.02%	5.322%
4	7.375	7.314	7.468	BB	70282	765966	84.46%	4.586%
5	8.026	7.978	8.128	BB	83372	887785	97.89%	5.315%
6	8.228	8.138	8.293	BV	33723	453280	49.98%	2.714%
7	8.319	8.293	8.398	VB	87190	906880	100.00%	5.430%
8	9.101	9.008	9.218	BB	71759	838419	92.45%	5.020%
9	10.487	10.388	10.539	BV	70612	812730	89.62%	4.866%
10	10.565	10.539	10.744	VB	54403	809302	89.24%	4.846%
11	11.257	11.211	11.344	BB	80592	878976	96.92%	5.263%
12	12.291	12.168	12.428	BB	61860	849157	93.64%	5.084%
13	12.583	12.551	12.651	BV	61467	807675	89.06%	4.836%
14	14.453	14.428	14.474	PV	51289	671281	74.02%	4.019%
15	14.493	14.474	14.641	VB	56549	886842	97.79%	5.310%
16	15.998	15.964	16.014	BV	60013	725025	79.95%	4.341%
17	16.030	16.014	16.106	VV	49388	780831	86.10%	4.675%
18	16.381	16.348	16.478	BV	47621	746043	82.26%	4.467%
19	17.744	17.714	17.766	BV	39855	565150	62.32%	3.384%
20	17.787	17.766	17.954	VB	34397	892102	98.37%	5.341%
21	17.990	17.964	18.151	BB	42474	761556	83.98%	4.560%
Sum of corrected areas:						16701921		

Aromatic EPH 102324.M Wed Oct 23 18:19:26 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048573.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 18:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 23 18:50:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.372	3035391	19.999 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.222	2009011	20.460 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.92%
11) S ortho-Terphenyl (SURR)	11.258	3418196	20.067 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3511974	20.187 ug/ml
2) T Naphthalene (C11.7)	5.713	3621999	20.299 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3629138	20.290 ug/ml
5) T Acenaphthylene (C15.06)	8.025	3549708	20.216 ug/ml
7) T Acenaphthene (C15.5)	8.319	3566386	20.108 ug/ml
8) T Fluorene (C16.55)	9.098	3449130	20.405 ug/ml
9) T Phenanthrene (C19.36)	10.485	3337748	20.191 ug/ml
10) T Anthracene (C19.43)	10.560	3166872	19.804 ug/ml
12) T Fluoranthene (C21.85)	12.288	3304952	20.082 ug/ml
13) T Pyrene (C20.8)	12.581	3231023	20.059 ug/ml
14) T Benzo[a]anthracene (C...	14.450	2986450	20.425 ug/ml
15) T Chrysene (C27.41)	14.492	3268283	19.869 ug/ml
16) T benzo[b]fluoranthene ...	15.997	3076351	20.235 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	3007230	20.008 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	3055729	20.304 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	2639364	20.228 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	3309486	20.337 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	3030209	19.793 ug/ml

(f)=RT Delta > 1/2 Window

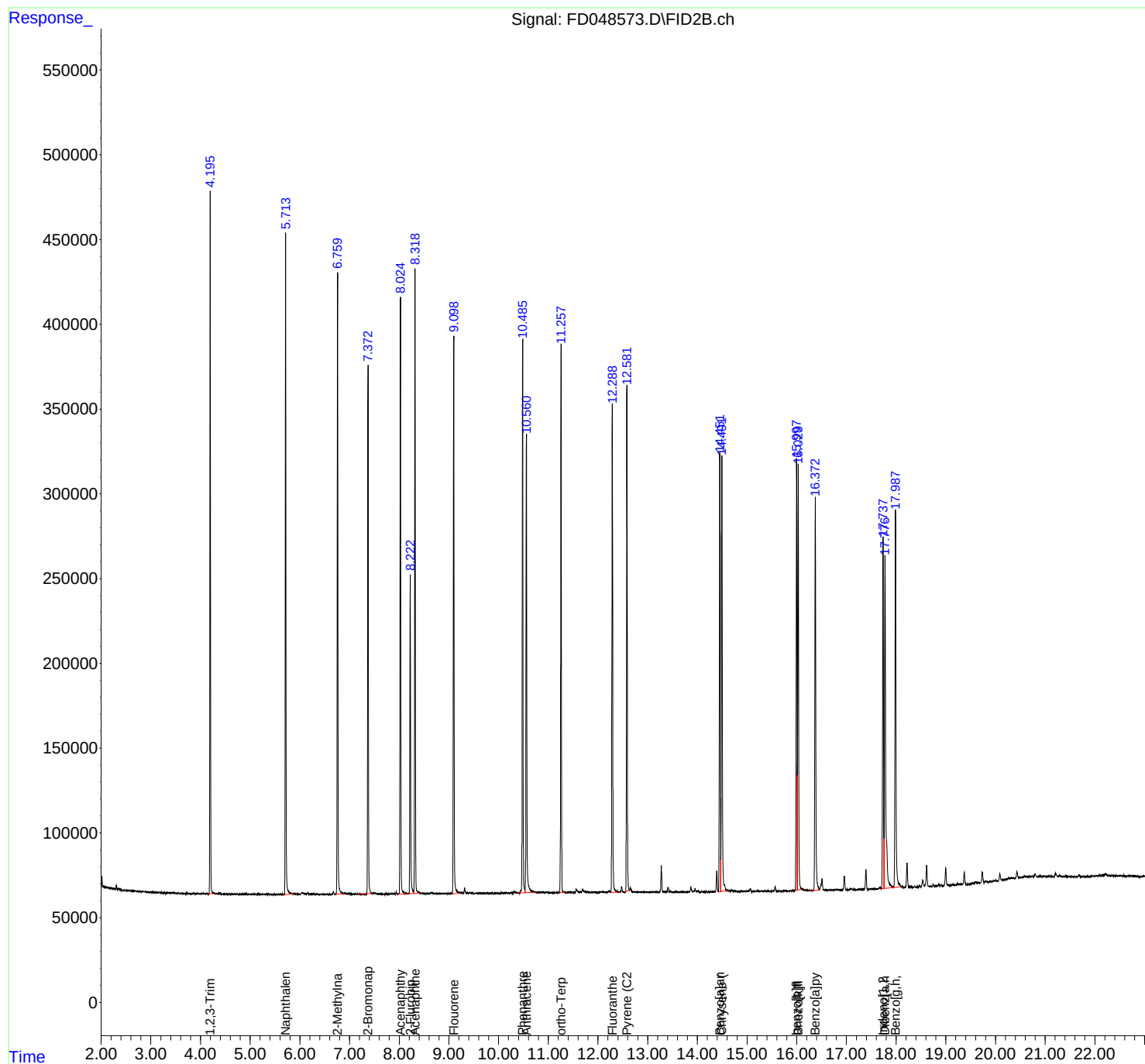
(m)=manual int.

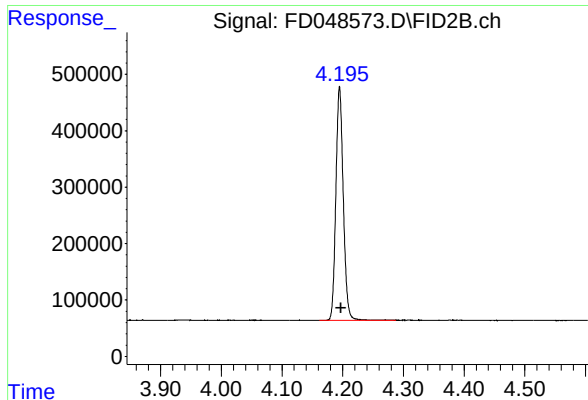
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048573.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 18:14
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 23 18:50:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:14:59 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

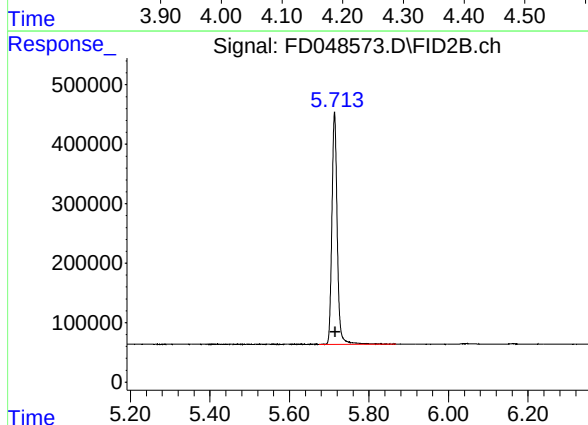




#1 1,2,3-Trimethylbenzene (C10.1)

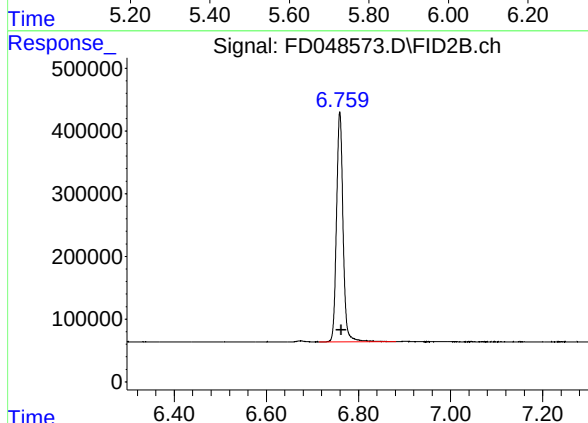
R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 3511974
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



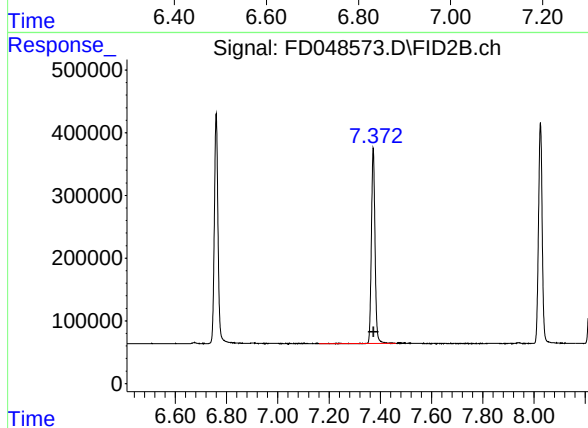
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 3621999
Conc: 20.30 ug/ml



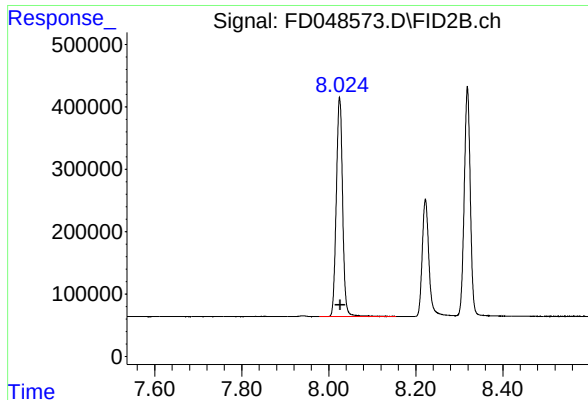
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 3629138
Conc: 20.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 3035391
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

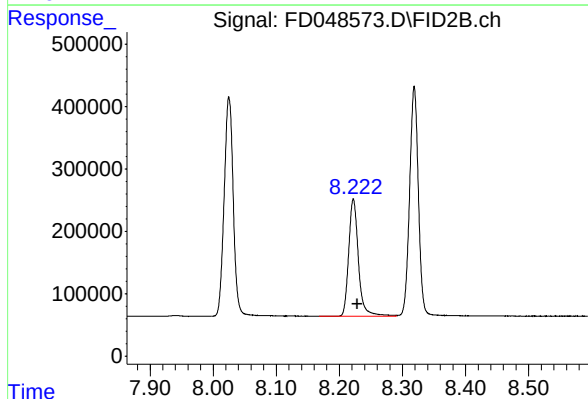
R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 3549708
Conc: 20.22 ug/ml

Instrument :

FID_D

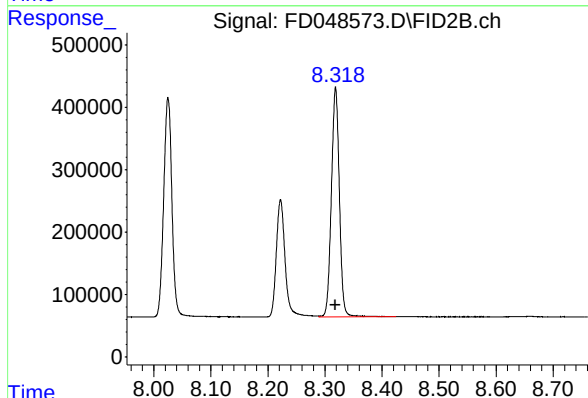
ClientSampleId :

20 PPM AROMATIC HC STD ICV



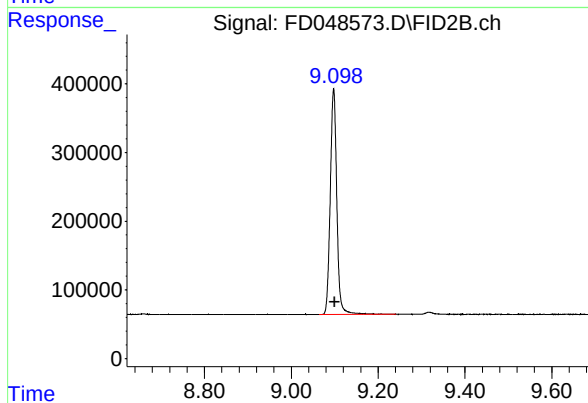
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 2009011
Conc: 20.46 ug/ml



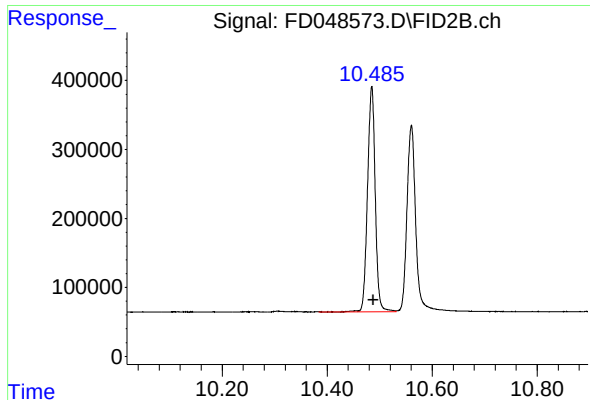
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 3566386
Conc: 20.11 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.098 min
Delta R.T.: -0.003 min
Response: 3449130
Conc: 20.40 ug/ml



#9 Phenanthrene (C19.36)

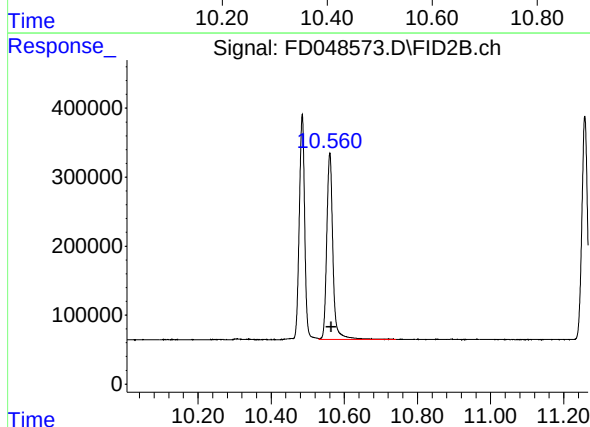
R.T.: 10.485 min
Delta R.T.: -0.003 min
Response: 3337748
Conc: 20.19 ug/ml

Instrument :

FID_D

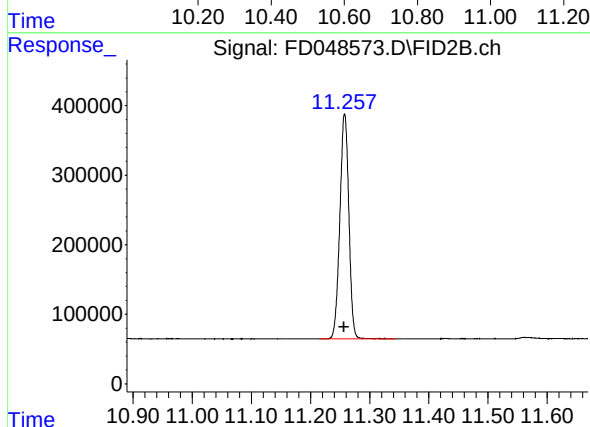
ClientSampleId :

20 PPM AROMATIC HC STD ICV



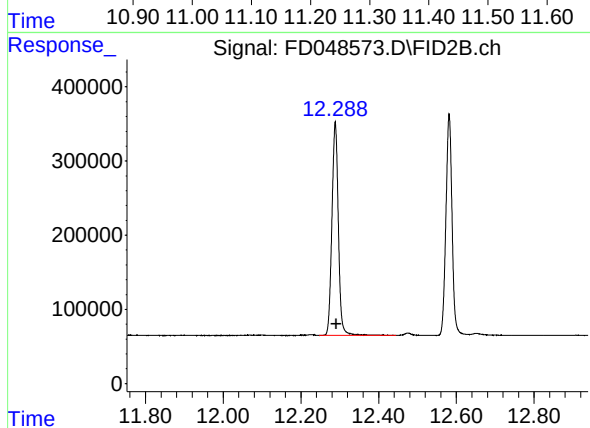
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: -0.004 min
Response: 3166872
Conc: 19.80 ug/ml



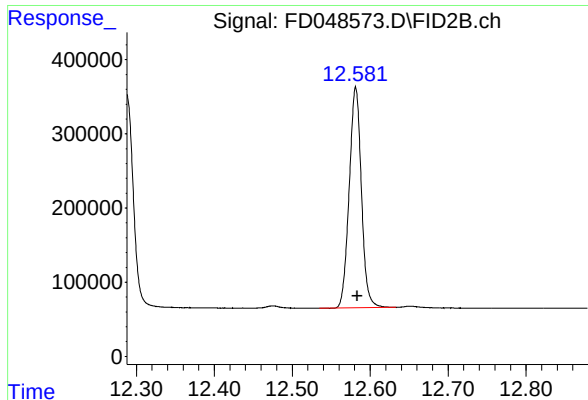
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 3418196
Conc: 20.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: -0.003 min
Response: 3304952
Conc: 20.08 ug/ml



#13 Pyrene (C20.8)

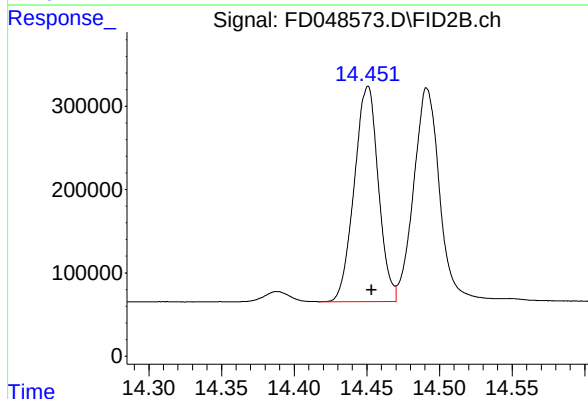
R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 3231023
Conc: 20.06 ug/ml

Instrument :

FID_D

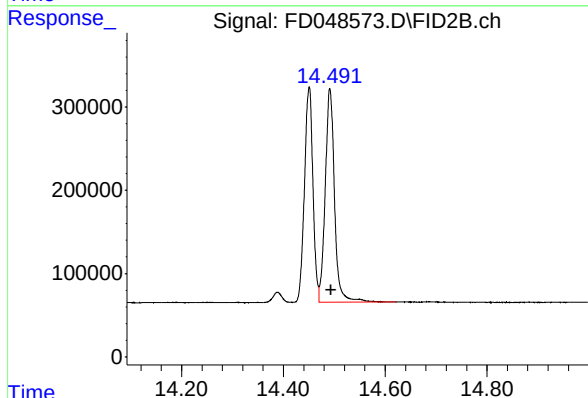
ClientSampleId :

20 PPM AROMATIC HC STD ICV



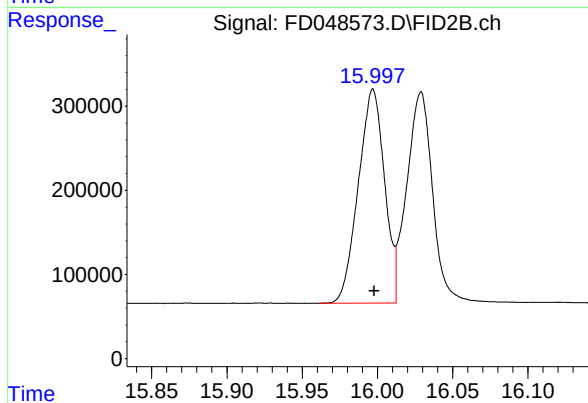
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.003 min
Response: 2986450
Conc: 20.42 ug/ml



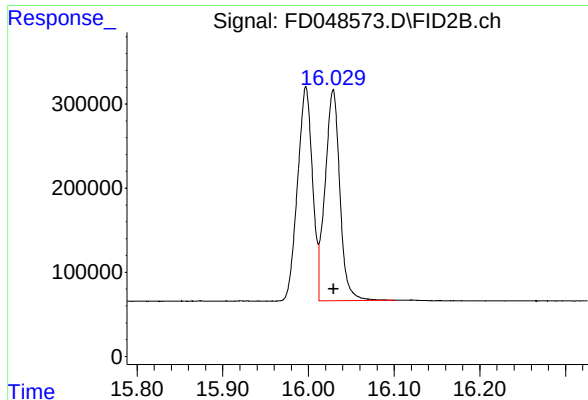
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.002 min
Response: 3268283
Conc: 19.87 ug/ml



#16 benzo[b]fluoranthene (C30.41)

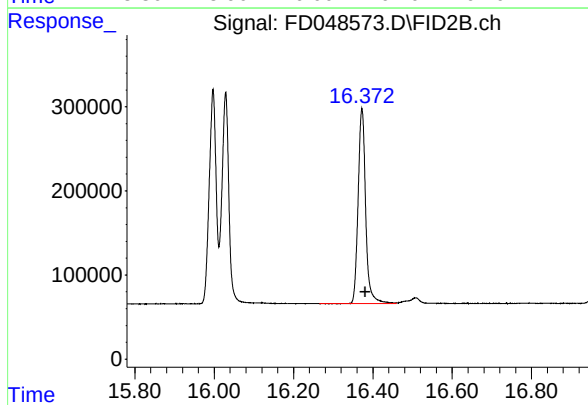
R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 3076351
Conc: 20.24 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

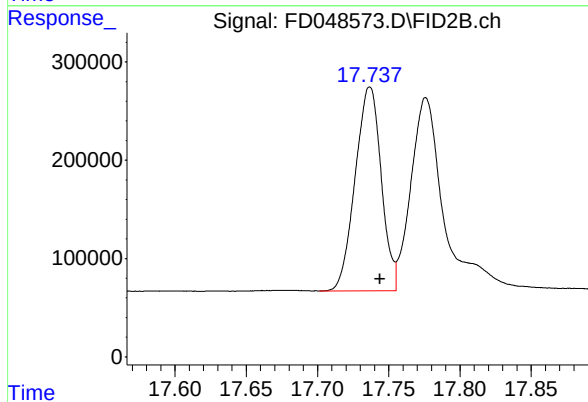
R.T.: 16.029 min
Delta R.T.: 0.000 min
Response: 3007230
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



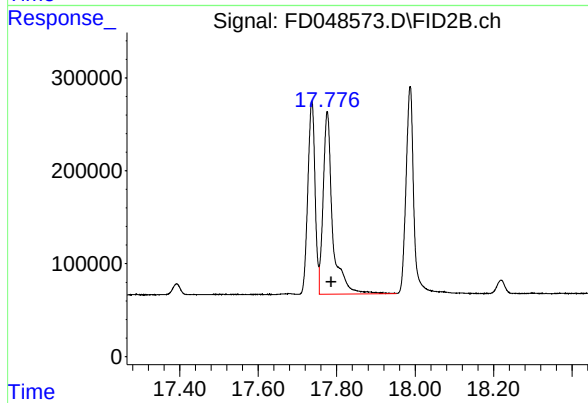
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: -0.008 min
Response: 3055729
Conc: 20.30 ug/ml



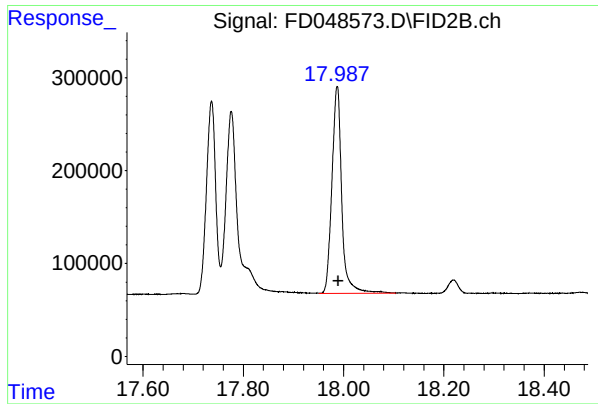
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: -0.007 min
Response: 2639364
Conc: 20.23 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.776 min
Delta R.T.: -0.011 min
Response: 3309486
Conc: 20.34 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.987 min
Delta R.T.: -0.003 min
Response: 3030209
Conc: 19.79 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
Data File : FD048573.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 18:14
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.195	4.161	4.288	BB	411534	3511974	96.77%	5.226%
2	5.713	5.674	5.868	BB	387327	3621999	99.80%	5.390%
3	6.760	6.714	6.881	BV	365701	3629138	100.00%	5.400%
4	7.372	7.161	7.461	BB	308815	3035391	83.64%	4.517%
5	8.025	7.978	8.154	BB	351890	3549708	97.81%	5.282%
6	8.222	8.168	8.290	BV	187045	2009011	55.36%	2.989%
7	8.319	8.290	8.424	VB	365720	3566386	98.27%	5.307%
8	9.098	9.064	9.241	PB	328779	3449130	95.04%	5.132%
9	10.485	10.384	10.531	BV	326000	3337748	91.97%	4.967%
10	10.560	10.531	10.741	VB	271677	3166872	87.26%	4.712%
11	11.258	11.214	11.344	BB	324343	3418196	94.19%	5.086%
12	12.288	12.247	12.444	PB	286640	3304952	91.07%	4.918%
13	12.581	12.534	12.633	BV	297215	3231023	89.03%	4.808%
14	14.450	14.417	14.470	VV	260406	2986450	82.29%	4.444%
15	14.492	14.470	14.621	VB	257062	3268283	90.06%	4.863%
16	15.997	15.961	16.012	BV	254462	3076351	84.77%	4.578%
17	16.029	16.012	16.102	VV	249107	3007230	82.86%	4.475%
18	16.372	16.264	16.458	BV	231238	3055729	84.20%	4.547%
19	17.737	17.701	17.755	BV	208961	2639364	72.73%	3.927%
20	17.776	17.755	17.951	VV	196335	3309486	91.19%	4.924%
21	17.987	17.951	18.104	VV	224512	3030209	83.50%	4.509%
Sum of corrected areas:						67204630		

Aromatic EPH 102324.M Wed Oct 23 18:51:40 2024

Continuing Calibration Report for SequenceID : FC102224AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FC067484.D

Aliphatic C9-C12	7061530.000	60.000	3.175	6.455	117692.167	128354.488	8.307
Aliphatic C12-C16	4662702.000	40.000	6.456	9.845	116567.550	130957.677	10.988
Aliphatic C16-C21	6773563.000	60.000	9.846	13.203	112892.717	131476.102	14.134
Aliphatic C21-C28	9096898.000	80.000	13.204	16.857	113711.225	126823.664	10.339
Aliphatic C28-C40	11940513.000	120.000	16.858	21.701	99504.275	105215.848	5.428
Aliphatic EPH	39535206.000	360.000	3.175	21.701	109820.017	121110.937	9.323

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	22 Oct 2024 12:09
Client Sample ID:		Operator:	YP/AJ
Data file:	FC067484.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.175	6.455	7061530.000	60.000	ug/ml
Aliphatic C12-C16	6.456	9.845	4662702.000	40.000	ug/ml
Aliphatic C16-C21	9.846	13.203	6773563.000	60.000	ug/ml
Aliphatic C21-C28	13.204	16.857	9096898.000	80.000	ug/ml
Aliphatic C28-C40	16.858	21.701	11940513.000	120.000	ug/ml
Aliphatic EPH	3.175	21.701	39535206.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC102224AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FC067497.D

Aliphatic C9-C12	7120345.000	60.000	3.175	6.455	118672.417	128354.488	7.543
Aliphatic C12-C16	4707454.000	40.000	6.456	9.845	117686.350	130957.677	10.134
Aliphatic C16-C21	6832576.000	60.000	9.846	13.203	113876.267	131476.102	13.386
Aliphatic C21-C28	9183247.000	80.000	13.204	16.857	114790.588	126823.664	9.488
Aliphatic C28-C40	12317337.000	120.000	16.858	21.701	102644.475	105215.848	2.444
Aliphatic EPH	40160959.000	360.000	3.175	21.701	111558.219	121110.937	7.888

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	23 Oct 2024 08:30
Client Sample ID:		Operator:	YP/AJ
Data file:	FC067497.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.175	6.455	7120345.000	60.000	ug/ml
Aliphatic C12-C16	6.456	9.845	4707454.000	40.000	ug/ml
Aliphatic C16-C21	9.846	13.203	6832576.000	60.000	ug/ml
Aliphatic C21-C28	13.204	16.857	9183247.000	80.000	ug/ml
Aliphatic C28-C40	16.858	21.701	12317337.000	120.000	ug/ml
Aliphatic EPH	3.175	21.701	40160959.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC102224AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FC067503.D

Aliphatic C9-C12	7278914.000	60.000	3.175	6.455	121315.233	128354.488	5.484
Aliphatic C12-C16	4776060.000	40.000	6.456	9.845	119401.500	130957.677	8.824
Aliphatic C16-C21	6956163.000	60.000	9.846	13.203	115936.050	131476.102	11.820
Aliphatic C21-C28	9397788.000	80.000	13.204	16.857	117472.350	126823.664	7.373
Aliphatic C28-C40	12533926.000	120.000	16.858	21.701	104449.383	105215.848	0.728
Aliphatic EPH	40942851.000	360.000	3.175	21.701	113730.142	121110.937	6.094

Lab Sample ID:	20 PPM ALIPHATIC HC	Acq On:	23 Oct 2024 13:22
Client Sample ID:		Operator:	YP/AJ
Data file:	FC067503.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.175	6.455	7278914.000	60.000	ug/ml
Aliphatic C12-C16	6.456	9.845	4776060.000	40.000	ug/ml
Aliphatic C16-C21	9.846	13.203	6956163.000	60.000	ug/ml
Aliphatic C21-C28	13.204	16.857	9397788.000	80.000	ug/ml
Aliphatic C28-C40	16.858	21.701	12533926.000	120.000	ug/ml
Aliphatic EPH	3.175	21.701	40942851.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC102424AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FC067516.D

Aliphatic C9-C12	7891359.000	60.000	3.174	6.454	131522.650	135469.641	2.914
Aliphatic C12-C16	5116825.000	40.000	6.455	9.844	127920.625	131681.730	2.856
Aliphatic C16-C21	7443152.000	60.000	9.845	13.202	124052.533	127235.092	2.501
Aliphatic C21-C28	9423790.000	80.000	13.203	16.857	117797.375	120090.398	1.909
Aliphatic C28-C40	12056218.000	120.000	16.858	21.703	100468.483	101093.195	0.618
Aliphatic EPH	41931344.000	360.000	3.174	21.703	116475.956	118799.912	1.956

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	24 Oct 2024 10:41
Client Sample ID:		Operator:	YP/AJ
Data file:	FC067516.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.174	6.454	7891359.000	60.000	ug/ml
Aliphatic C12-C16	6.455	9.844	5116825.000	40.000	ug/ml
Aliphatic C16-C21	9.845	13.202	7443152.000	60.000	ug/ml
Aliphatic C21-C28	13.203	16.857	9423790.000	80.000	ug/ml
Aliphatic C28-C40	16.858	21.703	12056218.000	120.000	ug/ml
Aliphatic EPH	3.174	21.703	41931344.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FC102424AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FC067522.D

Aliphatic C9-C12	8032920.000	60.000	3.174	6.454	133882.000	135469.641	1.172
Aliphatic C12-C16	5187653.000	40.000	6.455	9.844	129691.325	131681.730	1.512
Aliphatic C16-C21	7523928.000	60.000	9.845	13.202	125398.800	127235.092	1.443
Aliphatic C21-C28	9556657.000	80.000	13.203	16.857	119458.213	120090.398	0.526
Aliphatic C28-C40	12426370.000	120.000	16.858	21.703	103553.083	101093.195	-2.433
Aliphatic EPH	42727528.000	360.000	3.174	21.703	118687.578	118799.912	0.095

A
B
C
D
E
F
G
H
I
J

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	24 Oct 2024 14:38
Client Sample ID:		Operator:	YP/AJ
Data file:	FC067522.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.174	6.454	8032920.000	60.000	ug/ml
Aliphatic C12-C16	6.455	9.844	5187653.000	40.000	ug/ml
Aliphatic C16-C21	9.845	13.202	7523928.000	60.000	ug/ml
Aliphatic C21-C28	13.203	16.857	9556657.000	80.000	ug/ml
Aliphatic C28-C40	16.858	21.703	12426370.000	120.000	ug/ml
Aliphatic EPH	3.174	21.703	42727528.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD102224AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FD048547.D

Aromatic C10-C12	7943019.000	40.000	4.096	5.814	198575.475	180984.840	-9.719
Aromatic C12-C16	11857455.000	60.000	5.815	8.420	197624.250	189995.313	-4.015
Aromatic C16-C21	14282295.000	80.000	8.421	12.681	178528.688	178728.230	0.112
Aromatic C21-C36	30751520.000	180.000	12.682	18.086	170841.778	165360.750	-3.315
Aromatic EPH	64834289.000	360.000	4.096	18.086	180095.247	174173.072	-3.400

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	22 Oct 2024 12:09
Client Sample ID:		Operator:	YP/AJ
Data file:	FD048547.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.096	5.814	7943019.000	40.000	ug/ml
Aromatic C12-C16	5.815	8.420	11857455.000	60.000	ug/ml
Aromatic C16-C21	8.421	12.681	14282295.000	80.000	ug/ml
Aromatic C21-C36	12.682	18.086	30751520.000	180.000	ug/ml
Aromatic EPH	4.096	18.086	64834289.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD102224AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FD048560.D

Aromatic C10-C12	8157685.000	40.000	4.096	5.814	203942.125	180984.840	-12.685
Aromatic C12-C16	12219474.000	60.000	5.815	8.420	203657.900	189995.313	-7.191
Aromatic C16-C21	14694945.000	80.000	8.421	12.681	183686.813	178728.230	-2.774
Aromatic C21-C36	31489467.000	180.000	12.682	18.086	174941.483	165360.750	-5.794
Aromatic EPH	66561571.000	360.000	4.096	18.086	184893.253	174173.072	-6.155

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	23 Oct 2024 08:30
Client Sample ID:		Operator:	YP/AJ
Data file:	FD048560.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.096	5.814	8157685.000	40.000	ug/ml
Aromatic C12-C16	5.815	8.420	12219474.000	60.000	ug/ml
Aromatic C16-C21	8.421	12.681	14694945.000	80.000	ug/ml
Aromatic C21-C36	12.682	18.086	31489467.000	180.000	ug/ml
Aromatic EPH	4.096	18.086	66561571.000	360.000	ug/ml

A
B
C
D
E
F
G
H
I
J

Continuing Calibration Report for SequenceID : FD102424AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FD048578.D

Aromatic C10-C12	7282027.000	40.000	4.095	5.813	182050.675	176202.694	-3.319
Aromatic C12-C16	10947020.000	60.000	5.814	8.419	182450.333	177273.493	-2.920
Aromatic C16-C21	13483086.000	80.000	8.420	12.681	168538.575	163832.550	-2.872
Aromatic C21-C36	28447129.000	180.000	12.682	18.087	158039.606	152713.153	-3.488
Aromatic EPH	60159262.000	360.000	4.095	18.087	167109.061	161887.469	-3.225

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	24 Oct 2024 10:41
Client Sample ID:		Operator:	YP/AJ
Data file:	FD048578.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.095	5.813	7282027.000	40.000	ug/ml
Aromatic C12-C16	5.814	8.419	10947020.000	60.000	ug/ml
Aromatic C16-C21	8.420	12.681	13483086.000	80.000	ug/ml
Aromatic C21-C36	12.682	18.087	28447129.000	180.000	ug/ml
Aromatic EPH	4.095	18.087	60159262.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD102424AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV

File ID : FD048584.D

Aromatic C10-C12	6996046.000	40.000	4.095	5.813	174901.150	176202.694	0.739
Aromatic C12-C16	10520876.000	60.000	5.814	8.419	175347.933	177273.493	1.086
Aromatic C16-C21	12885484.000	80.000	8.420	12.681	161068.550	163832.550	1.687
Aromatic C21-C36	27316669.000	180.000	12.682	18.087	151759.272	152713.153	0.625
Aromatic EPH	57719075.000	360.000	4.095	18.087	160330.764	161887.469	0.962

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	24 Oct 2024 14:38
Client Sample ID:		Operator:	YP/AJ
Data file:	FD048584.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.095	5.813	6996046.000	40.000	ug/ml
Aromatic C12-C16	5.814	8.419	10520876.000	60.000	ug/ml
Aromatic C16-C21	8.420	12.681	12885484.000	80.000	ug/ml
Aromatic C21-C36	12.682	18.087	27316669.000	180.000	ug/ml
Aromatic EPH	4.095	18.087	57719075.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067489.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 03:41
Operator : YP/AJ
Sample : P4460-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WB-303-TOP

Integration File: autoint1.e
Quant Time: Oct 23 04:51:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.935	2835180	25.047 ug/ml
Spiked Amount	50.000	Recovery	= 50.09%

Target Compounds

(f)=RT Delta > 1/2 Window

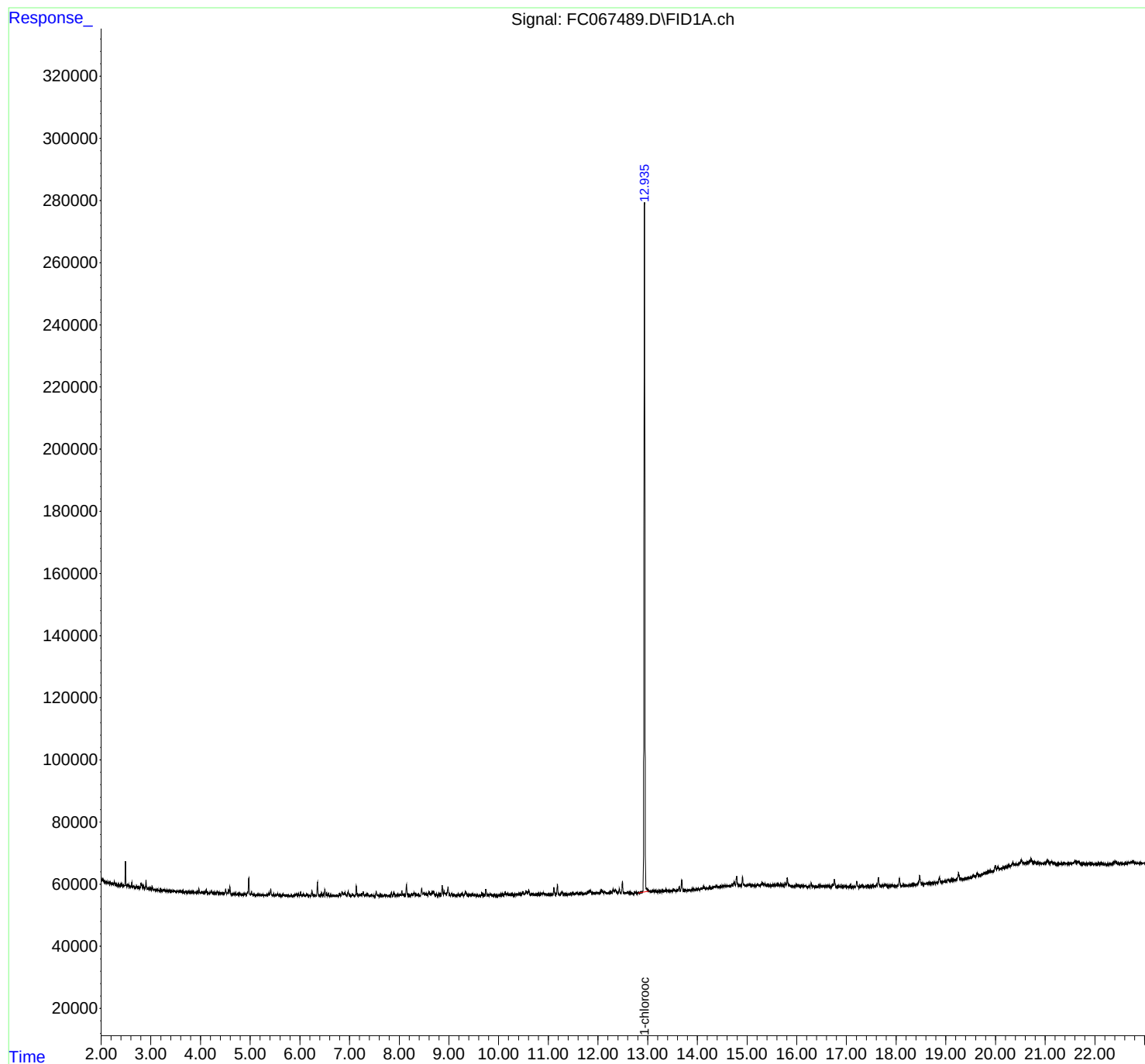
(m)=manual int.

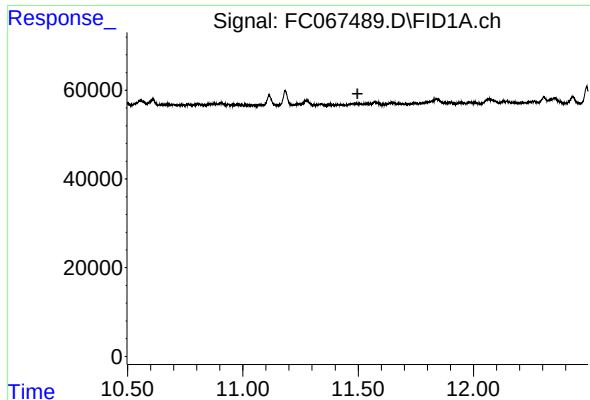
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067489.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 03:41
Operator : YP/AJ
Sample : P4460-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WB-303-TOP

Integration File: autoint1.e
Quant Time: Oct 23 04:51:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

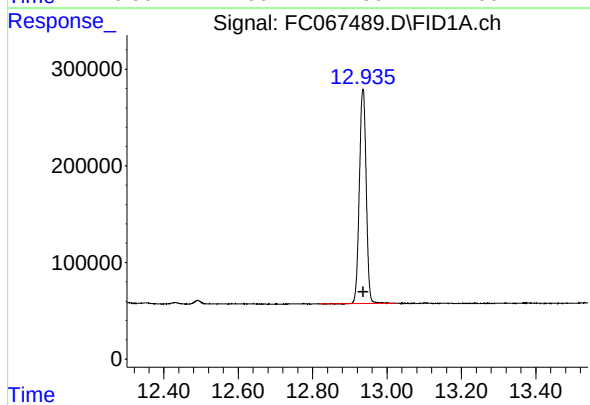




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
WB-303-TOP



#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 2835180
Conc: 25.05 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067489.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 03:41
 Sample : P4460-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.276	3.221	3.361	BV	386	5227	0.18%	0.047%
2	3.373	3.361	3.411	VV	133	1561	0.05%	0.014%
3	3.420	3.411	3.451	VV	126	1195	0.04%	0.011%
4	3.468	3.451	3.501	VV	136	2508	0.09%	0.023%
5	3.511	3.501	3.522	PV	89	680	0.02%	0.006%
6	3.553	3.522	3.582	VV	250	4507	0.16%	0.041%
7	3.598	3.582	3.621	VV	397	3997	0.14%	0.036%
8	3.646	3.621	3.682	PV	323	4406	0.15%	0.040%
9	3.696	3.682	3.704	PV	93	763	0.03%	0.007%
10	3.715	3.704	3.758	VV	109	1471	0.05%	0.013%
11	3.766	3.758	3.799	VV	220	3534	0.12%	0.032%
12	3.811	3.799	3.833	VV	183	2340	0.08%	0.021%
13	3.854	3.833	3.905	VV	226	5364	0.18%	0.049%
14	3.939	3.905	3.953	VV	578	7510	0.26%	0.068%
15	3.968	3.953	4.011	VV	1439	14700	0.51%	0.133%
16	4.022	4.011	4.027	VV	171	1378	0.05%	0.012%
17	4.036	4.027	4.068	VV	246	3049	0.11%	0.028%
18	4.116	4.068	4.195	PV	1130	21110	0.73%	0.191%
19	4.217	4.195	4.241	VV	1082	12206	0.42%	0.111%
20	4.257	4.241	4.281	VV	247	4490	0.15%	0.041%
21	4.287	4.281	4.307	VV	204	2500	0.09%	0.023%
22	4.340	4.307	4.371	VV	945	13812	0.48%	0.125%
23	4.378	4.371	4.396	VV	337	3551	0.12%	0.032%
24	4.405	4.396	4.425	VV	198	2716	0.09%	0.025%
25	4.454	4.425	4.470	VV	398	6773	0.23%	0.061%
26	4.507	4.470	4.528	VV	1615	20656	0.71%	0.187%
27	4.539	4.528	4.548	VV	394	3961	0.14%	0.036%
28	4.563	4.548	4.577	VV	1530	15904	0.55%	0.144%
29	4.593	4.577	4.678	VV	2468	29442	1.01%	0.267%
30	4.709	4.678	4.727	VV	330	5711	0.20%	0.052%
31	4.749	4.727	4.771	VV	238	3914	0.13%	0.035%
32	4.783	4.771	4.801	VV	267	3003	0.10%	0.027%
33	4.809	4.801	4.832	VV	206	2159	0.07%	0.020%
34	4.848	4.832	4.871	PV	148	2190	0.08%	0.020%
35	4.894	4.871	4.915	VV	431	5451	0.19%	0.049%
36	4.972	4.915	5.006	PV	5580	72302	2.49%	0.655%

					rterres			
37	5.028	5.006	5.095	VV	1200	17933	0.62%	0.162%
38	5.104	5.095	5.117	VV	115	715	0.02%	0.006%
39	5.165	5.117	5.184	PV	354	6210	0.21%	0.056%
40	5.204	5.184	5.248	VV	258	5425	0.19%	0.049%
41	5.262	5.248	5.278	VV	185	2523	0.09%	0.023%
42	5.291	5.278	5.318	VV	185	2713	0.09%	0.025%
43	5.342	5.318	5.357	VV	289	4156	0.14%	0.038%
44	5.375	5.357	5.391	VV	854	10136	0.35%	0.092%
45	5.415	5.391	5.445	VV	2175	27079	0.93%	0.245%
46	5.471	5.445	5.521	VV	553	10552	0.36%	0.096%
47	5.529	5.521	5.536	VV	231	1908	0.07%	0.017%
48	5.557	5.536	5.601	VV	651	10518	0.36%	0.095%
49	5.621	5.601	5.637	VV	182	2592	0.09%	0.023%
50	5.661	5.637	5.696	VV	474	9190	0.32%	0.083%
51	5.706	5.696	5.710	VV	215	1430	0.05%	0.013%
52	5.722	5.710	5.761	VV	266	6257	0.22%	0.057%
53	5.778	5.761	5.808	VV	194	3084	0.11%	0.028%
54	5.827	5.808	5.848	PV	302	3376	0.12%	0.031%
55	5.878	5.848	5.905	VV	343	6578	0.23%	0.060%
56	5.924	5.905	5.952	VV	653	11103	0.38%	0.101%
57	5.972	5.952	5.993	VV	689	9156	0.32%	0.083%
58	6.014	5.993	6.048	VV	1375	17482	0.60%	0.158%
59	6.074	6.048	6.103	VV	605	9925	0.34%	0.090%
60	6.146	6.103	6.178	VV	514	13975	0.48%	0.127%
61	6.188	6.178	6.213	VV	292	3653	0.13%	0.033%
62	6.245	6.213	6.271	VV	1815	23496	0.81%	0.213%
63	6.278	6.271	6.298	VV	329	4407	0.15%	0.040%
64	6.308	6.298	6.327	VV	256	3736	0.13%	0.034%
65	6.354	6.327	6.380	VV	4462	49958	1.72%	0.453%
66	6.390	6.380	6.418	VV	349	6451	0.22%	0.058%
67	6.439	6.418	6.458	VV	1005	12194	0.42%	0.110%
68	6.474	6.458	6.485	VV	611	6899	0.24%	0.063%
69	6.504	6.485	6.524	VV	2216	25519	0.88%	0.231%
70	6.539	6.524	6.561	VV	770	9836	0.34%	0.089%
71	6.576	6.561	6.603	VV	913	10551	0.36%	0.096%
72	6.626	6.603	6.650	VV	252	4395	0.15%	0.040%
73	6.679	6.650	6.702	VV	281	5414	0.19%	0.049%
74	6.751	6.702	6.770	VV	348	6872	0.24%	0.062%
75	6.797	6.770	6.827	PV	891	13374	0.46%	0.121%
76	6.849	6.827	6.885	VV	1461	27486	0.95%	0.249%
77	6.909	6.885	6.940	VV	1128	23477	0.81%	0.213%
78	6.974	6.940	6.997	VV	1677	25701	0.89%	0.233%
79	7.011	6.997	7.032	VV	425	4574	0.16%	0.041%
80	7.055	7.032	7.065	VV	555	6083	0.21%	0.055%
81	7.076	7.065	7.097	VV	504	6501	0.22%	0.059%
82	7.137	7.097	7.169	VV	3386	43772	1.51%	0.397%
83	7.196	7.169	7.225	VV	587	11585	0.40%	0.105%
84	7.244	7.225	7.257	VV	953	10680	0.37%	0.097%
85	7.276	7.257	7.299	VV	1387	18906	0.65%	0.171%
86	7.342	7.299	7.354	VV	678	13814	0.48%	0.125%
87	7.367	7.354	7.389	VV	1005	11426	0.39%	0.104%
88	7.412	7.389	7.422	VV	302	4382	0.15%	0.040%
89	7.451	7.422	7.472	VV	518	9909	0.34%	0.090%

					rteres			
90	7.487	7.472	7.511	VV	246	2520	0.09%	0.023%
91	7.538	7.511	7.591	PV	1545	22945	0.79%	0.208%
92	7.616	7.591	7.669	VV	409	11118	0.38%	0.101%
93	7.703	7.669	7.721	VV	513	9881	0.34%	0.090%
94	7.754	7.721	7.778	VV	369	8643	0.30%	0.078%
95	7.797	7.778	7.821	VV	391	5458	0.19%	0.049%
96	7.843	7.821	7.865	VV	1102	14428	0.50%	0.131%
97	7.897	7.865	7.919	VV	985	18024	0.62%	0.163%
98	7.937	7.919	7.951	VV	396	5357	0.18%	0.049%
99	7.969	7.951	7.986	VV	560	8164	0.28%	0.074%
100	8.054	7.986	8.078	VV	1796	32729	1.13%	0.297%
101	8.094	8.078	8.111	VV	484	7914	0.27%	0.072%
102	8.147	8.111	8.225	VV	3754	62899	2.17%	0.570%
103	8.250	8.225	8.279	VV	683	17385	0.60%	0.158%
104	8.300	8.279	8.321	VV	1183	18412	0.63%	0.167%
105	8.339	8.321	8.360	VV	578	8923	0.31%	0.081%
106	8.379	8.360	8.427	VV	772	14003	0.48%	0.127%
107	8.452	8.427	8.476	VV	2457	35943	1.24%	0.326%
108	8.494	8.476	8.518	VV	959	20059	0.69%	0.182%
109	8.529	8.518	8.554	VV	742	13753	0.47%	0.125%
110	8.567	8.554	8.577	VV	590	6991	0.24%	0.063%
111	8.600	8.577	8.621	VV	1469	24077	0.83%	0.218%
112	8.635	8.621	8.645	VV	892	10575	0.36%	0.096%
113	8.684	8.645	8.725	VV	1534	47813	1.65%	0.433%
114	8.751	8.725	8.785	VV	728	13420	0.46%	0.122%
115	8.802	8.785	8.825	VV	613	10542	0.36%	0.096%
116	8.866	8.825	8.887	VV	3454	54261	1.87%	0.492%
117	8.904	8.887	8.950	VV	1458	36342	1.25%	0.329%
118	8.983	8.950	9.031	VV	2816	55760	1.92%	0.505%
119	9.054	9.031	9.080	VV	996	14856	0.51%	0.135%
120	9.103	9.080	9.135	VV	589	9495	0.33%	0.086%
121	9.181	9.135	9.201	PV	421	11061	0.38%	0.100%
122	9.207	9.201	9.226	VV	351	4814	0.17%	0.044%
123	9.269	9.226	9.303	VV	831	21064	0.73%	0.191%
124	9.333	9.303	9.374	VV	1546	30653	1.06%	0.278%
125	9.389	9.374	9.394	VV	316	2842	0.10%	0.026%
126	9.430	9.394	9.446	VV	483	9420	0.32%	0.085%
127	9.473	9.446	9.498	VV	672	12192	0.42%	0.110%
128	9.525	9.498	9.555	VV	610	10887	0.38%	0.099%
129	9.577	9.555	9.598	VV	224	4006	0.14%	0.036%
130	9.617	9.598	9.641	VV	117	2709	0.09%	0.025%
131	9.664	9.641	9.686	VV	1134	14491	0.50%	0.131%
132	9.704	9.686	9.718	VV	360	5180	0.18%	0.047%
133	9.745	9.718	9.790	VV	2160	31652	1.09%	0.287%
134	9.830	9.790	9.904	VV	543	20582	0.71%	0.186%
135	9.918	9.904	9.945	VV	273	3515	0.12%	0.032%
136	9.986	9.945	10.004	PV	146	3900	0.13%	0.035%
137	10.022	10.004	10.039	VV	339	4680	0.16%	0.042%
138	10.066	10.039	10.083	VV	495	8754	0.30%	0.079%
139	10.134	10.083	10.158	VV	1225	26249	0.90%	0.238%
140	10.174	10.158	10.195	VV	683	11510	0.40%	0.104%
141	10.225	10.195	10.239	VV	517	10298	0.35%	0.093%

					rteres			
142	10.254	10.239	10.299	VV	439	10695	0.37%	0.097%
143	10.345	10.299	10.356	VV	453	9690	0.33%	0.088%
144	10.375	10.356	10.396	VV	623	11202	0.39%	0.101%
145	10.418	10.396	10.443	VV	710	14406	0.50%	0.131%
146	10.485	10.443	10.517	VV	1101	28486	0.98%	0.258%
147	10.558	10.517	10.583	VV	1323	34317	1.18%	0.311%
148	10.609	10.583	10.632	VV	1553	27688	0.95%	0.251%
149	10.644	10.632	10.657	VV	449	5480	0.19%	0.050%
150	10.673	10.657	10.718	VV	456	12714	0.44%	0.115%
151	10.732	10.718	10.750	VV	279	4656	0.16%	0.042%
152	10.763	10.750	10.781	VV	392	5380	0.19%	0.049%
153	10.802	10.781	10.838	VV	480	10838	0.37%	0.098%
154	10.876	10.838	10.890	VV	582	13477	0.46%	0.122%
155	10.906	10.890	10.928	VV	779	11800	0.41%	0.107%
156	10.937	10.928	10.950	VV	426	3900	0.13%	0.035%
157	10.987	10.950	11.032	VV	342	10672	0.37%	0.097%
158	11.045	11.032	11.059	VV	188	2180	0.08%	0.020%
159	11.079	11.059	11.087	VV	237	3017	0.10%	0.027%
160	11.114	11.087	11.149	VV	2437	33799	1.17%	0.306%
161	11.184	11.149	11.217	VV	3385	46064	1.59%	0.417%
162	11.276	11.217	11.321	VV	1187	27602	0.95%	0.250%
163	11.339	11.321	11.362	VV	331	4591	0.16%	0.042%
164	11.375	11.362	11.398	PV	219	3182	0.11%	0.029%
165	11.418	11.398	11.447	VV	228	3770	0.13%	0.034%
166	11.491	11.447	11.518	VV	420	13529	0.47%	0.123%
167	11.543	11.518	11.557	VV	427	8027	0.28%	0.073%
168	11.573	11.557	11.614	VV	754	14802	0.51%	0.134%
169	11.652	11.614	11.720	VV	581	21588	0.74%	0.196%
170	11.739	11.720	11.763	VV	448	8752	0.30%	0.079%
171	11.840	11.763	11.879	VV	1329	51197	1.76%	0.464%
172	11.896	11.879	11.926	VV	571	12654	0.44%	0.115%
173	11.946	11.926	11.966	VV	545	9590	0.33%	0.087%
174	11.983	11.966	12.029	VV	598	17002	0.59%	0.154%
175	12.068	12.029	12.112	VV	1297	38992	1.34%	0.353%
176	12.130	12.112	12.163	VV	813	18311	0.63%	0.166%
177	12.176	12.163	12.198	VV	513	8298	0.29%	0.075%
178	12.264	12.198	12.280	VV	830	24642	0.85%	0.223%
179	12.305	12.280	12.325	VV	1650	27636	0.95%	0.250%
180	12.353	12.325	12.395	VV	1456	36587	1.26%	0.331%
181	12.431	12.395	12.464	VV	1754	29027	1.00%	0.263%
182	12.491	12.464	12.539	VV	3860	54627	1.88%	0.495%
183	12.558	12.539	12.574	VV	387	6426	0.22%	0.058%
184	12.587	12.574	12.625	VV	394	9513	0.33%	0.086%
185	12.640	12.625	12.692	VV	289	6678	0.23%	0.061%
186	12.775	12.692	12.795	PV	343	9817	0.34%	0.089%
187	12.816	12.795	12.832	VV	345	4685	0.16%	0.042%
188	12.854	12.832	12.865	VV	422	5650	0.19%	0.051%
189	12.935	12.865	13.061	VV	222197	2901180	100.00%	26.283%
190	13.067	13.061	13.085	VV	595	7528	0.26%	0.068%
191	13.103	13.085	13.132	VV	980	19921	0.69%	0.180%
192	13.154	13.132	13.195	VV	714	21558	0.74%	0.195%
193	13.221	13.195	13.232	VV	581	10530	0.36%	0.095%
194	13.262	13.232	13.285	VV	510	15216	0.52%	0.138%

rteres								
195	13.318	13.285	13.348	VV	768	24338	0.84%	0.220%
196	13.378	13.348	13.475	VV	875	48476	1.67%	0.439%
197	13.483	13.475	13.496	VV	646	7570	0.26%	0.069%
198	13.534	13.496	13.585	VV	916	36457	1.26%	0.330%
199	13.605	13.585	13.615	VV	831	13011	0.45%	0.118%
200	13.635	13.615	13.659	VV	1773	28824	0.99%	0.261%
201	13.687	13.659	13.717	VV	3980	63523	2.19%	0.575%
202	13.740	13.717	13.761	VV	673	15953	0.55%	0.145%
203	13.770	13.761	13.794	VV	656	11316	0.39%	0.103%
204	13.833	13.794	13.853	VV	686	21094	0.73%	0.191%
205	13.919	13.853	13.945	VV	1006	41454	1.43%	0.376%
206	13.986	13.945	14.045	VV	973	51827	1.79%	0.470%
207	14.122	14.045	14.173	VV	1818	87433	3.01%	0.792%
208	14.184	14.173	14.225	VV	1141	32646	1.13%	0.296%
209	14.248	14.225	14.281	VV	1722	42560	1.47%	0.386%
210	14.319	14.281	14.328	VV	1382	34010	1.17%	0.308%
211	14.346	14.328	14.362	VV	1467	29038	1.00%	0.263%
212	14.388	14.362	14.427	VV	1678	58854	2.03%	0.533%
213	14.449	14.427	14.483	VV	1492	46622	1.61%	0.422%
214	14.502	14.483	14.511	VV	1581	25277	0.87%	0.229%
215	14.531	14.511	14.561	VV	1726	48383	1.67%	0.438%
216	14.566	14.561	14.591	VV	1741	28841	0.99%	0.261%
217	14.600	14.591	14.622	VV	1802	30338	1.05%	0.275%
218	14.632	14.622	14.658	VV	1741	35189	1.21%	0.319%
219	14.698	14.658	14.715	VV	2278	61479	2.12%	0.557%
220	14.740	14.715	14.764	VV	2827	67458	2.33%	0.611%
221	14.789	14.764	14.877	VV	4613	153747	5.30%	1.393%
222	14.908	14.877	14.931	VV	4446	85679	2.95%	0.776%
223	14.941	14.931	14.970	VV	1974	40214	1.39%	0.364%
224	14.991	14.970	15.007	VV	1729	35826	1.23%	0.325%
225	15.053	15.007	15.106	VV	2036	102285	3.53%	0.927%
226	15.118	15.106	15.141	VV	1673	31785	1.10%	0.288%
227	15.156	15.141	15.181	VV	1541	35430	1.22%	0.321%
228	15.213	15.181	15.252	VV	1880	69094	2.38%	0.626%
229	15.261	15.252	15.281	VV	1699	27730	0.96%	0.251%
230	15.308	15.281	15.335	VV	2372	63379	2.18%	0.574%
231	15.355	15.335	15.421	VV	1878	83473	2.88%	0.756%
232	15.446	15.421	15.504	VV	1566	70123	2.42%	0.635%
233	15.521	15.504	15.590	VV	1536	74120	2.55%	0.671%
234	15.617	15.590	15.666	VV	1892	73040	2.52%	0.662%
235	15.674	15.666	15.691	VV	1488	21626	0.75%	0.196%
236	15.698	15.691	15.751	VV	1511	44713	1.54%	0.405%
237	15.768	15.751	15.788	VV	2009	35287	1.22%	0.320%
238	15.808	15.788	15.938	VV	3776	133597	4.60%	1.210%
239	15.988	15.938	16.028	VV	1373	55762	1.92%	0.505%
240	16.047	16.028	16.081	VV	1063	30400	1.05%	0.275%
241	16.101	16.081	16.141	VV	1060	33397	1.15%	0.303%
242	16.162	16.141	16.215	VV	1058	37119	1.28%	0.336%
243	16.289	16.215	16.417	VV	1663	92965	3.20%	0.842%
244	16.464	16.417	16.492	VV	887	31766	1.09%	0.288%
245	16.516	16.492	16.531	VV	773	16787	0.58%	0.152%
246	16.556	16.531	16.577	VV	765	18442	0.64%	0.167%

					rteres			
247	16.588	16.577	16.605	VV	683	10108	0.35%	0.092%
248	16.627	16.605	16.693	VV	753	31833	1.10%	0.288%
249	16.723	16.693	16.734	VV	987	18215	0.63%	0.165%
250	16.756	16.734	16.838	VV	2689	60388	2.08%	0.547%
251	16.871	16.838	16.898	VV	509	16441	0.57%	0.149%
252	16.905	16.898	16.942	VV	529	10812	0.37%	0.098%
253	16.986	16.942	17.028	VV	506	17713	0.61%	0.160%
254	17.037	17.028	17.051	VV	241	2739	0.09%	0.025%
255	17.080	17.051	17.105	VV	583	11398	0.39%	0.103%
256	17.119	17.105	17.141	VV	286	3706	0.13%	0.034%
257	17.160	17.141	17.178	VV	316	3810	0.13%	0.035%
258	17.208	17.178	17.251	VV	1924	31134	1.07%	0.282%
259	17.265	17.251	17.287	VV	126	1941	0.07%	0.018%
260	17.314	17.287	17.336	VV	504	9334	0.32%	0.085%
261	17.343	17.336	17.375	VV	302	5482	0.19%	0.050%
262	17.395	17.375	17.405	VV	259	3652	0.13%	0.033%
263	17.439	17.405	17.516	VV	268	15681	0.54%	0.142%
264	17.534	17.516	17.555	VV	428	5978	0.21%	0.054%
265	17.642	17.555	17.711	VV	2928	67091	2.31%	0.608%
266	17.777	17.711	17.845	VV	505	22174	0.76%	0.201%
267	17.855	17.845	17.897	VV	230	4151	0.14%	0.038%
268	17.922	17.897	17.956	VV	386	9086	0.31%	0.082%
269	17.962	17.956	17.993	VV	270	3711	0.13%	0.034%
270	18.008	17.993	18.015	VV	193	1663	0.06%	0.015%
271	18.022	18.015	18.032	VV	179	1324	0.05%	0.012%
272	18.064	18.032	18.110	VV	2613	37441	1.29%	0.339%
273	18.144	18.110	18.171	PV	476	7089	0.24%	0.064%
274	18.182	18.171	18.195	VV	135	1257	0.04%	0.011%
275	18.209	18.195	18.228	VV	180	1991	0.07%	0.018%
276	18.254	18.228	18.285	PV	246	3995	0.14%	0.036%
277	18.296	18.285	18.308	VV	191	2100	0.07%	0.019%
278	18.329	18.308	18.361	VV	331	6516	0.22%	0.059%
279	18.375	18.361	18.388	VV	279	2385	0.08%	0.022%
280	18.473	18.388	18.548	VV	2957	62840	2.17%	0.569%
281	18.570	18.548	18.597	VV	235	3885	0.13%	0.035%
282	18.613	18.597	18.645	VV	263	4876	0.17%	0.044%
283	18.665	18.645	18.676	VV	232	2656	0.09%	0.024%
284	18.680	18.676	18.698	VV	137	942	0.03%	0.009%
285	18.734	18.698	18.758	VV	314	5152	0.18%	0.047%
286	18.775	18.758	18.796	VV	222	3427	0.12%	0.031%
287	18.816	18.796	18.828	PV	217	2404	0.08%	0.022%
288	18.870	18.828	18.949	VV	1869	37740	1.30%	0.342%
289	18.989	18.949	19.006	VV	227	5245	0.18%	0.048%
290	19.043	19.006	19.080	VV	585	14641	0.50%	0.133%
291	19.121	19.080	19.165	VV	386	13002	0.45%	0.118%
292	19.195	19.165	19.203	VV	393	6436	0.22%	0.058%
293	19.255	19.203	19.334	VV	2423	58043	2.00%	0.526%
294	19.361	19.334	19.395	VV	295	7074	0.24%	0.064%
295	19.408	19.395	19.421	VV	283	3404	0.12%	0.031%
296	19.445	19.421	19.467	VV	394	7459	0.26%	0.068%
297	19.558	19.467	19.589	VV	945	38047	1.31%	0.345%
298	19.632	19.589	19.660	VV	1586	37118	1.28%	0.336%
299	19.683	19.660	19.697	VV	836	16518	0.57%	0.150%

					rteres			
300	19.898	19.697	19.928	VV	1678	172306	5.94%	1.561%
301	19.995	19.928	20.025	VV	3121	114016	3.93%	1.033%
302	20.049	20.025	20.083	VV	2645	79255	2.73%	0.718%
303	20.189	20.083	20.197	VV	2179	141273	4.87%	1.280%
304	20.218	20.197	20.230	VV	2278	44076	1.52%	0.399%
305	20.267	20.230	20.284	VV	2507	78839	2.72%	0.714%
306	20.350	20.284	20.394	VV	3396	183807	6.34%	1.665%
307	20.417	20.394	20.435	VV	2781	67168	2.32%	0.609%
308	20.522	20.435	20.575	VV	3841	253452	8.74%	2.296%
309	20.583	20.575	20.595	VV	2753	32589	1.12%	0.295%
310	20.716	20.595	20.778	VV	3839	320902	11.06%	2.907%
311	20.787	20.778	20.901	VV	2547	164834	5.68%	1.493%
312	20.909	20.901	20.920	VV	2027	23009	0.79%	0.208%
313	20.936	20.920	20.975	VV	2013	62300	2.15%	0.564%
314	21.045	20.975	21.098	VV	2532	147618	5.09%	1.337%
315	21.131	21.098	21.227	VV	2057	120350	4.15%	1.090%
316	21.252	21.227	21.268	VV	1164	27472	0.95%	0.249%
317	21.280	21.268	21.300	VV	1103	19871	0.68%	0.180%
318	21.328	21.300	21.345	VV	1082	27379	0.94%	0.248%
319	21.359	21.345	21.381	VV	1117	22592	0.78%	0.205%
320	21.388	21.381	21.448	VV	1066	36241	1.25%	0.328%
321	21.498	21.448	21.550	VV	796	43577	1.50%	0.395%
322	21.603	21.550	21.633	VV	1183	43189	1.49%	0.391%
323	21.662	21.633	21.721	VV	960	34007	1.17%	0.308%
324	21.772	21.721	21.782	VV	117	3249	0.11%	0.029%
Sum of corrected areas:					11038202			

Aliphatic EPH 100224.M Wed Oct 23 07:54:48 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048552.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 03:41
 Operator : YP/AJ
 Sample : P4460-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WB-303-TOP

Integration File: autoint1.e
 Quant Time: Oct 23 05:09:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.376	8986012	54.274 ug/ml
Spiked Amount 50.000		Recovery =	108.55%
6) S 2-Fluorobiphenyl (SURR)	8.225	5934948	57.229 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.46%
11) S ortho-Terphenyl (SURR)	11.259	5049250	27.442 ug/ml
Spiked Amount 50.000		Recovery =	54.88%

Target Compounds

(f)=RT Delta > 1/2 Window

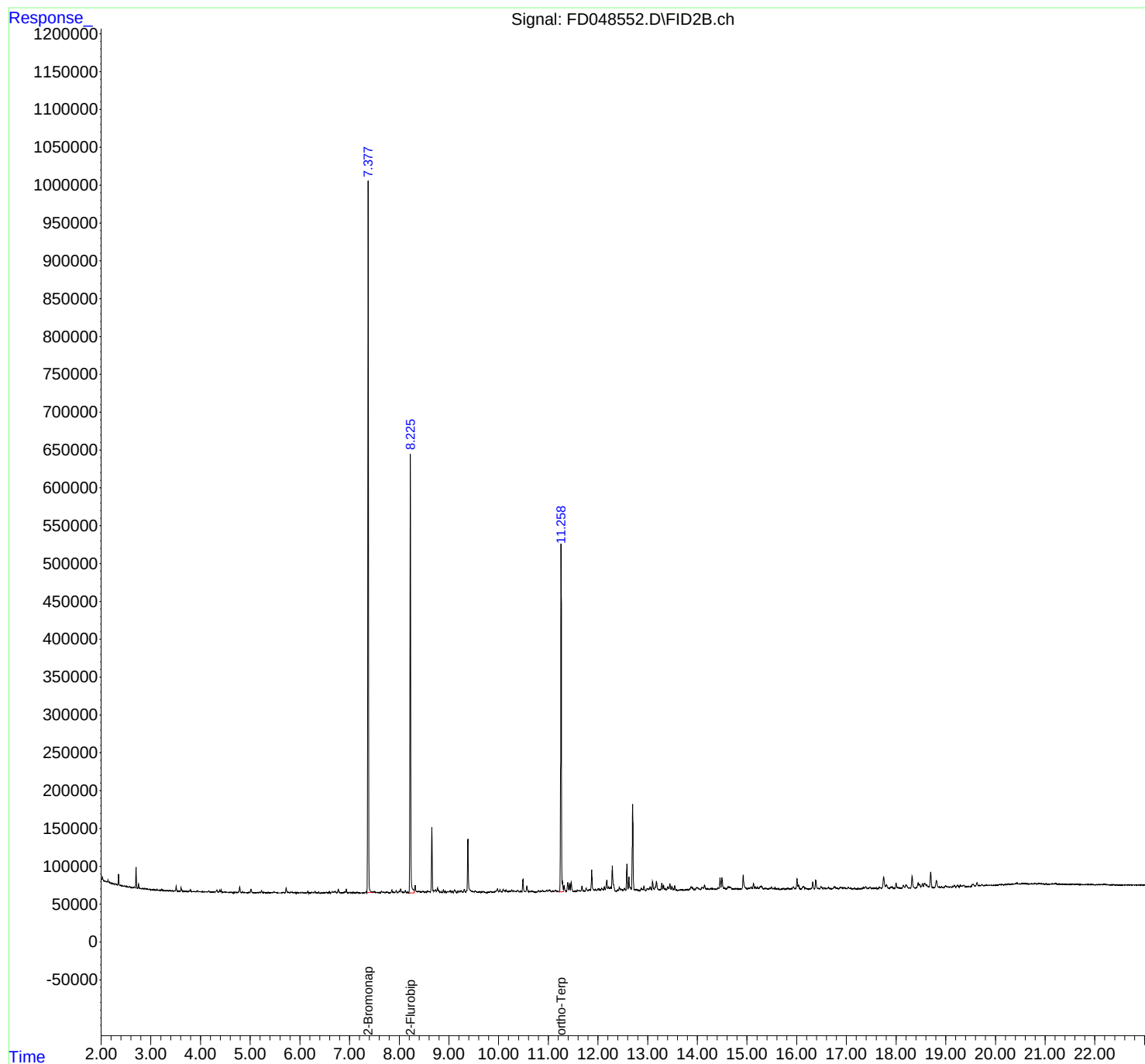
(m)=manual int.

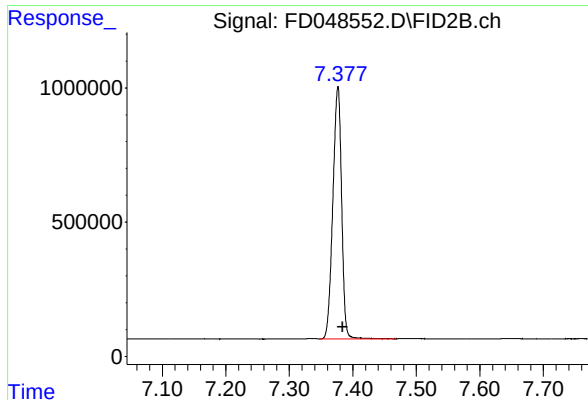
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
Data File : FD048552.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 03:41
Operator : YP/AJ
Sample : P4460-02
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WB-303-TOP

Integration File: autoint1.e
Quant Time: Oct 23 05:09:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

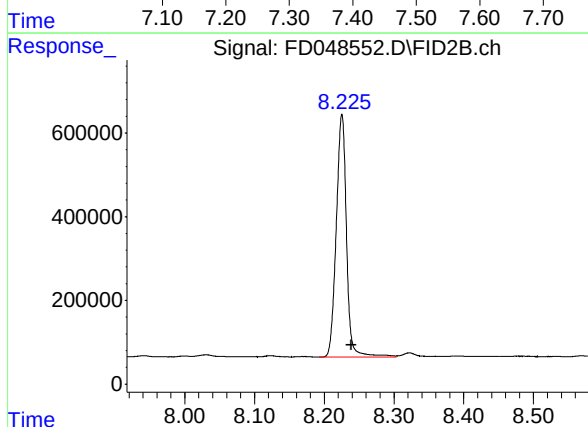




#4 2-Bromonaphthalene (SURR)

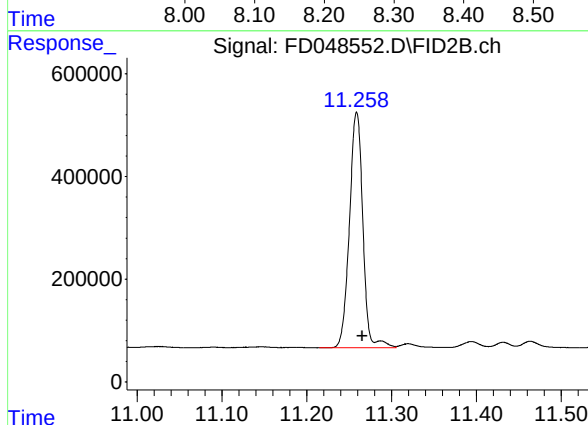
R.T.: 7.376 min
Delta R.T.: -0.008 min
Response: 8986012
Conc: 54.27 ug/ml

Instrument :
FID_D
ClientSampleId :
WB-303-TOP



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.014 min
Response: 5934948
Conc: 57.23 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.259 min
Delta R.T.: -0.007 min
Response: 5049250
Conc: 27.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048552.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 03:41
 Sample : P4460-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.167	4.152	4.193	PH	1920	16873	0.19%	0.043%
2	4.204	4.193	4.210	PV	262	1560	0.02%	0.004%
3	4.241	4.239	4.258	VV	139	1108	0.01%	0.003%
4	4.277	4.258	4.292	VV	629	6447	0.07%	0.016%
5	4.330	4.292	4.364	PV	3096	47992	0.53%	0.121%
6	4.385	4.364	4.400	VV	2735	28284	0.31%	0.072%
7	4.415	4.400	4.449	VV	3837	36610	0.40%	0.093%
8	4.484	4.467	4.517	VV	742	10790	0.12%	0.027%
9	4.529	4.517	4.547	VV	782	8196	0.09%	0.021%
10	4.601	4.571	4.644	VV	873	13272	0.15%	0.034%
11	4.650	4.644	4.662	PV	160	1562	0.02%	0.004%
12	4.682	4.662	4.693	VV	535	3658	0.04%	0.009%
13	4.707	4.693	4.727	VV	600	8003	0.09%	0.020%
14	4.731	4.727	4.747	VV	272	2564	0.03%	0.006%
15	4.766	4.747	4.772	VV	1467	12190	0.13%	0.031%
16	4.789	4.772	4.823	VV	7910	89043	0.98%	0.225%
17	4.845	4.823	4.864	VV	1709	17922	0.20%	0.045%
18	4.872	4.864	4.888	VV	190	1871	0.02%	0.005%
19	4.897	4.888	4.910	VV	161	1679	0.02%	0.004%
20	4.915	4.910	4.932	VV	200	1716	0.02%	0.004%
21	4.945	4.932	4.957	VV	168	1090	0.01%	0.003%
22	4.981	4.957	4.996	PV	630	7834	0.09%	0.020%
23	5.016	4.996	5.052	VV	4813	62679	0.69%	0.158%
24	5.057	5.052	5.061	VV	624	2668	0.03%	0.007%
25	5.068	5.061	5.087	VV	551	5184	0.06%	0.013%
26	5.090	5.087	5.119	VV	223	2381	0.03%	0.006%
27	5.138	5.127	5.169	VV	404	6161	0.07%	0.016%
28	5.189	5.169	5.207	VV	1199	13584	0.15%	0.034%
29	5.229	5.207	5.255	VV	3142	35396	0.39%	0.089%
30	5.264	5.255	5.269	VV	308	2210	0.02%	0.006%
31	5.284	5.269	5.312	VV	895	11181	0.12%	0.028%
32	5.324	5.312	5.342	VV	265	2414	0.03%	0.006%
33	5.372	5.342	5.395	VV	687	11255	0.12%	0.028%
34	5.400	5.395	5.409	VV	271	1316	0.01%	0.003%
35	5.437	5.409	5.455	VV	785	12729	0.14%	0.032%
36	5.480	5.455	5.504	VV	1484	25560	0.28%	0.065%

					rteres			
37	5.511	5.504	5.557	VV	737	14553	0.16%	0.037%
38	5.559	5.557	5.572	VV	366	1471	0.02%	0.004%
39	5.583	5.572	5.589	PV	204	1186	0.01%	0.003%
40	5.595	5.589	5.610	VV	198	1380	0.02%	0.003%
41	5.656	5.625	5.662	VV	749	9055	0.10%	0.023%
42	5.670	5.662	5.698	VV	625	9962	0.11%	0.025%
43	5.724	5.698	5.767	VV	6634	95244	1.05%	0.241%
44	5.780	5.767	5.799	VV	941	11020	0.12%	0.028%
45	5.823	5.799	5.842	VV	1851	22671	0.25%	0.057%
46	5.856	5.842	5.870	VV	682	9194	0.10%	0.023%
47	5.886	5.870	5.908	VV	681	10166	0.11%	0.026%
48	5.913	5.908	5.926	VV	228	1734	0.02%	0.004%
49	5.940	5.926	5.992	VV	785	18457	0.20%	0.047%
50	5.996	5.992	6.002	VV	188	1026	0.01%	0.003%
51	6.022	6.002	6.033	VV	810	9529	0.11%	0.024%
52	6.052	6.033	6.115	VV	816	19574	0.22%	0.049%
53	6.123	6.115	6.137	VV	408	2978	0.03%	0.008%
54	6.161	6.137	6.190	VV	2907	33219	0.37%	0.084%
55	6.199	6.190	6.211	VV	365	3011	0.03%	0.008%
56	6.217	6.211	6.227	VV	281	2212	0.02%	0.006%
57	6.243	6.227	6.260	VV	1416	15637	0.17%	0.040%
58	6.277	6.260	6.290	VV	1010	11206	0.12%	0.028%
59	6.309	6.290	6.332	VV	2643	31675	0.35%	0.080%
60	6.342	6.332	6.362	VV	760	8074	0.09%	0.020%
61	6.379	6.362	6.399	PV	1244	13931	0.15%	0.035%
62	6.403	6.399	6.409	VV	322	1368	0.02%	0.003%
63	6.413	6.409	6.419	VV	248	1464	0.02%	0.004%
64	6.433	6.419	6.449	VV	470	5336	0.06%	0.013%
65	6.477	6.459	6.491	VV	569	8303	0.09%	0.021%
66	6.498	6.491	6.513	VV	500	5589	0.06%	0.014%
67	6.529	6.513	6.536	VV	886	9614	0.11%	0.024%
68	6.545	6.536	6.573	VV	947	12333	0.14%	0.031%
69	6.598	6.573	6.626	VV	1646	25691	0.28%	0.065%
70	6.650	6.626	6.685	VV	2131	40201	0.44%	0.102%
71	6.713	6.685	6.743	VV	1859	42999	0.48%	0.109%
72	6.774	6.743	6.810	VV	5170	80554	0.89%	0.204%
73	6.819	6.810	6.839	VV	648	7817	0.09%	0.020%
74	6.856	6.839	6.868	VV	778	9621	0.11%	0.024%
75	6.881	6.868	6.888	VV	756	7419	0.08%	0.019%
76	6.904	6.888	6.919	VV	2022	23249	0.26%	0.059%
77	6.935	6.919	6.975	VV	5244	62962	0.70%	0.159%
78	6.998	6.975	7.007	VV	896	11846	0.13%	0.030%
79	7.014	7.007	7.027	VV	764	7198	0.08%	0.018%
80	7.043	7.027	7.058	VV	1315	13665	0.15%	0.035%
81	7.077	7.058	7.096	VV	1142	16396	0.18%	0.041%
82	7.111	7.096	7.126	VV	599	7391	0.08%	0.019%
83	7.138	7.126	7.154	VV	842	10816	0.12%	0.027%
84	7.167	7.154	7.192	VV	1172	12314	0.14%	0.031%
85	7.196	7.192	7.214	VV	287	1974	0.02%	0.005%
86	7.219	7.214	7.225	VV	216	1376	0.02%	0.003%
87	7.236	7.232	7.239	VV	305	1177	0.01%	0.003%
88	7.243	7.239	7.262	VV	257	2196	0.02%	0.006%
89	7.291	7.274	7.300	VV	462	5053	0.06%	0.013%

					rterres			
90	7.305	7.300	7.315	VV	422	2663	0.03%	0.007%
91	7.336	7.315	7.348	VV	2181	23580	0.26%	0.060%
92	7.377	7.348	7.467	VV	944516	9043383	100.00%	22.866%
93	7.491	7.467	7.520	VV	1960	46637	0.52%	0.118%
94	7.530	7.520	7.550	VV	1142	16010	0.18%	0.040%
95	7.561	7.550	7.582	VV	765	10931	0.12%	0.028%
96	7.594	7.582	7.621	VV	691	10753	0.12%	0.027%
97	7.650	7.621	7.677	VV	2214	44607	0.49%	0.113%
98	7.689	7.677	7.715	VV	1100	19219	0.21%	0.049%
99	7.741	7.715	7.752	VV	1268	21598	0.24%	0.055%
100	7.760	7.752	7.802	VV	1380	21536	0.24%	0.054%
101	7.852	7.802	7.872	VV	4300	57329	0.63%	0.145%
102	7.882	7.872	7.907	VV	1275	16883	0.19%	0.043%
103	7.941	7.907	7.964	VV	3316	49617	0.55%	0.125%
104	7.969	7.964	7.983	VV	623	6013	0.07%	0.015%
105	8.000	7.983	8.010	VV	2571	27273	0.30%	0.069%
106	8.031	8.010	8.069	VV	5379	91853	1.02%	0.232%
107	8.089	8.069	8.105	VV	1035	18663	0.21%	0.047%
108	8.122	8.105	8.155	VV	3269	42588	0.47%	0.108%
109	8.171	8.155	8.197	VV	1135	14372	0.16%	0.036%
110	8.225	8.197	8.277	PV	580453	5875538	64.97%	14.856%
111	8.284	8.277	8.304	VV	4813	61966	0.69%	0.157%
112	8.322	8.304	8.350	VV	9921	137167	1.52%	0.347%
113	8.358	8.350	8.374	VV	1813	22698	0.25%	0.057%
114	8.389	8.374	8.415	VV	2206	43655	0.48%	0.110%
115	8.424	8.415	8.462	VV	1619	41523	0.46%	0.105%
116	8.474	8.462	8.513	VV	2020	48430	0.54%	0.122%
117	8.536	8.513	8.548	VV	1429	22154	0.24%	0.056%
118	8.569	8.548	8.592	VV	2921	47191	0.52%	0.119%
119	8.603	8.592	8.623	VV	1799	26425	0.29%	0.067%
120	8.658	8.623	8.686	VV	86550	914598	10.11%	2.313%
121	8.691	8.686	8.707	VV	3150	33929	0.38%	0.086%
122	8.733	8.707	8.750	VV	4037	77876	0.86%	0.197%
123	8.773	8.750	8.829	VV	6165	133829	1.48%	0.338%
124	8.843	8.829	8.867	VV	1498	21229	0.23%	0.054%
125	8.889	8.867	8.909	VV	3916	48109	0.53%	0.122%
126	8.925	8.909	8.952	VV	2162	30229	0.33%	0.076%
127	8.974	8.952	8.990	VV	1912	26864	0.30%	0.068%
128	9.024	8.990	9.047	VV	3095	62477	0.69%	0.158%
129	9.063	9.047	9.086	VV	2410	32848	0.36%	0.083%
130	9.118	9.086	9.161	VV	3570	76556	0.85%	0.194%
131	9.183	9.161	9.204	VV	2717	36522	0.40%	0.092%
132	9.223	9.204	9.237	VV	2610	32667	0.36%	0.083%
133	9.251	9.237	9.280	VV	3083	46352	0.51%	0.117%
134	9.310	9.280	9.339	VV	4471	72136	0.80%	0.182%
135	9.383	9.339	9.463	VV	71258	919156	10.16%	2.324%
136	9.480	9.463	9.494	VV	1912	29180	0.32%	0.074%
137	9.508	9.494	9.515	VV	1467	16538	0.18%	0.042%
138	9.532	9.515	9.574	VV	2680	51890	0.57%	0.131%
139	9.605	9.574	9.644	VV	1156	37676	0.42%	0.095%
140	9.694	9.644	9.729	VV	1819	49223	0.54%	0.124%
141	9.734	9.729	9.762	VV	454	4594	0.05%	0.012%

					rteres			
142	9.791	9.762	9.796	PV	784	8892	0.10%	0.022%
143	9.802	9.796	9.817	VV	801	8427	0.09%	0.021%
144	9.823	9.817	9.826	VV	583	2791	0.03%	0.007%
145	9.845	9.826	9.870	VV	2029	30138	0.33%	0.076%
146	9.876	9.870	9.881	VV	735	4119	0.05%	0.010%
147	9.886	9.881	9.893	VV	666	3924	0.04%	0.010%
148	9.918	9.893	9.924	VV	1161	15135	0.17%	0.038%
149	9.948	9.924	9.958	VV	2318	32844	0.36%	0.083%
150	9.978	9.958	10.005	VV	4999	87496	0.97%	0.221%
151	10.029	10.005	10.057	VV	3466	59715	0.66%	0.151%
152	10.093	10.057	10.132	VV	4292	96700	1.07%	0.245%
153	10.150	10.132	10.180	VV	2809	56907	0.63%	0.144%
154	10.188	10.180	10.202	VV	1324	15173	0.17%	0.038%
155	10.231	10.202	10.244	VV	1649	35129	0.39%	0.089%
156	10.266	10.244	10.288	VV	3571	59542	0.66%	0.151%
157	10.304	10.288	10.331	VV	2433	46403	0.51%	0.117%
158	10.347	10.331	10.359	VV	1629	22092	0.24%	0.056%
159	10.387	10.359	10.417	VV	2950	60712	0.67%	0.154%
160	10.435	10.417	10.448	VV	1245	17572	0.19%	0.044%
161	10.491	10.448	10.549	VV	17194	240970	2.66%	0.609%
162	10.570	10.549	10.611	VV	8043	124956	1.38%	0.316%
163	10.626	10.611	10.649	VV	1104	16995	0.19%	0.043%
164	10.676	10.649	10.701	VV	1340	28936	0.32%	0.073%
165	10.713	10.701	10.742	VV	828	8757	0.10%	0.022%
166	10.761	10.742	10.777	PV	456	5892	0.07%	0.015%
167	10.803	10.777	10.824	VV	2078	31202	0.35%	0.079%
168	10.841	10.824	10.854	VV	1676	20744	0.23%	0.052%
169	10.860	10.854	10.870	VV	1380	11652	0.13%	0.029%
170	10.888	10.870	10.911	VV	2561	40413	0.45%	0.102%
171	10.915	10.911	10.928	VV	979	7862	0.09%	0.020%
172	10.933	10.928	10.944	VV	651	6191	0.07%	0.016%
173	10.965	10.944	11.000	VV	2550	59406	0.66%	0.150%
174	11.026	11.000	11.070	VV	2853	68102	0.75%	0.172%
175	11.091	11.070	11.106	VV	1626	24418	0.27%	0.062%
176	11.147	11.106	11.169	VV	2284	52355	0.58%	0.132%
177	11.186	11.169	11.212	VV	1020	18691	0.21%	0.047%
178	11.259	11.212	11.280	VV	459742	4924296	54.45%	12.451%
179	11.287	11.280	11.305	VV	13773	137233	1.52%	0.347%
180	11.320	11.305	11.369	VV	8301	125561	1.39%	0.317%
181	11.394	11.369	11.415	VV	12327	176654	1.95%	0.447%
182	11.432	11.415	11.447	VV	10952	129554	1.43%	0.328%
183	11.464	11.447	11.518	VV	12972	184464	2.04%	0.466%
184	11.549	11.518	11.564	VV	1006	17667	0.20%	0.045%
185	11.590	11.564	11.610	VV	2006	38677	0.43%	0.098%
186	11.625	11.610	11.643	VV	1586	23763	0.26%	0.060%
187	11.648	11.643	11.651	VV	851	4218	0.05%	0.011%
188	11.679	11.651	11.707	VV	7385	107937	1.19%	0.273%
189	11.710	11.707	11.737	VV	1393	16984	0.19%	0.043%
190	11.764	11.737	11.801	VV	4815	88732	0.98%	0.224%
191	11.822	11.801	11.854	VV	2803	70140	0.78%	0.177%
192	11.875	11.854	11.923	VV	28841	394524	4.36%	0.998%
193	11.935	11.923	11.942	VV	2286	24166	0.27%	0.061%
194	11.956	11.942	11.970	VV	2726	37556	0.42%	0.095%

rteres								
195	12.005	11.970	12.019	VV	3622	71285	0.79%	0.180%
196	12.027	12.019	12.059	VV	2989	55626	0.62%	0.141%
197	12.075	12.059	12.088	VV	4754	63903	0.71%	0.162%
198	12.094	12.088	12.110	VV	3358	35683	0.39%	0.090%
199	12.129	12.110	12.148	VV	6469	92732	1.03%	0.234%
200	12.178	12.148	12.198	VV	15130	236380	2.61%	0.598%
201	12.213	12.198	12.232	VV	6163	105951	1.17%	0.268%
202	12.243	12.232	12.250	VV	5066	50156	0.55%	0.127%
203	12.261	12.250	12.271	VV	5587	61355	0.68%	0.155%
204	12.291	12.271	12.374	VV	33951	536336	5.93%	1.356%
205	12.392	12.374	12.409	VV	1793	25156	0.28%	0.064%
206	12.432	12.409	12.455	VV	5359	86112	0.95%	0.218%
207	12.460	12.455	12.469	VV	2701	19830	0.22%	0.050%
208	12.480	12.469	12.502	VV	2859	41080	0.45%	0.104%
209	12.536	12.502	12.559	VV	4073	81092	0.90%	0.205%
210	12.583	12.559	12.606	VV	36235	431144	4.77%	1.090%
211	12.625	12.606	12.644	VV	18652	231841	2.56%	0.586%
212	12.650	12.644	12.672	VV	4874	67261	0.74%	0.170%
213	12.700	12.672	12.730	VV	115043	1393685	15.41%	3.524%
214	12.766	12.730	12.819	VV	2254	93479	1.03%	0.236%
215	12.823	12.819	12.845	VV	1193	15619	0.17%	0.039%
216	12.875	12.845	12.904	VV	3618	78840	0.87%	0.199%
217	12.925	12.904	12.962	VV	6662	104688	1.16%	0.265%
218	12.987	12.962	12.999	VV	3209	47329	0.52%	0.120%
219	13.010	12.999	13.028	VV	2985	45272	0.50%	0.114%
220	13.050	13.028	13.077	VV	5785	109089	1.21%	0.276%
221	13.099	13.077	13.130	VV	12663	187840	2.08%	0.475%
222	13.177	13.130	13.230	VV	12622	303668	3.36%	0.768%
223	13.248	13.230	13.263	VV	2472	38544	0.43%	0.097%
224	13.284	13.263	13.304	VV	10218	138131	1.53%	0.349%
225	13.319	13.304	13.343	VV	7569	108362	1.20%	0.274%
226	13.355	13.343	13.373	VV	2682	37287	0.41%	0.094%
227	13.405	13.373	13.427	VV	5547	108767	1.20%	0.275%
228	13.448	13.427	13.471	VV	9454	143495	1.59%	0.363%
229	13.489	13.471	13.521	VV	5913	100298	1.11%	0.254%
230	13.544	13.521	13.605	VV	6774	118648	1.31%	0.300%
231	13.628	13.605	13.660	VV	1142	29178	0.32%	0.074%
232	13.676	13.660	13.696	VV	1146	21901	0.24%	0.055%
233	13.718	13.696	13.734	VV	1238	21286	0.24%	0.054%
234	13.741	13.734	13.752	VV	972	9350	0.10%	0.024%
235	13.763	13.752	13.781	VV	1631	23923	0.26%	0.060%
236	13.791	13.781	13.807	VV	1597	19866	0.22%	0.050%
237	13.843	13.807	13.852	VV	2401	40406	0.45%	0.102%
238	13.882	13.852	13.950	VV	5060	177332	1.96%	0.448%
239	13.988	13.950	13.998	VV	3927	79717	0.88%	0.202%
240	14.010	13.998	14.035	VV	3877	70102	0.78%	0.177%
241	14.040	14.035	14.060	VV	2234	27736	0.31%	0.070%
242	14.100	14.060	14.122	VV	4173	113075	1.25%	0.286%
243	14.146	14.122	14.168	VV	7344	127919	1.41%	0.323%
244	14.182	14.168	14.205	VV	2504	49610	0.55%	0.125%
245	14.220	14.205	14.245	VV	2202	46163	0.51%	0.117%
246	14.273	14.245	14.296	VV	2951	66678	0.74%	0.169%

					rteres			
247	14.310	14.296	14.325	VV	2467	35744	0.40%	0.090%
248	14.343	14.325	14.372	VV	2108	49960	0.55%	0.126%
249	14.417	14.372	14.434	VV	3551	82623	0.91%	0.209%
250	14.456	14.434	14.477	VV	16316	224565	2.48%	0.568%
251	14.495	14.477	14.530	VV	17067	273428	3.02%	0.691%
252	14.548	14.530	14.569	VV	3657	64941	0.72%	0.164%
253	14.614	14.569	14.627	VV	4830	101790	1.13%	0.257%
254	14.641	14.627	14.657	VV	4892	74471	0.82%	0.188%
255	14.672	14.657	14.720	VV	3978	96903	1.07%	0.245%
256	14.746	14.720	14.751	VV	1779	30176	0.33%	0.076%
257	14.779	14.751	14.795	VV	2274	53313	0.59%	0.135%
258	14.806	14.795	14.810	VV	2030	16987	0.19%	0.043%
259	14.814	14.810	14.840	VV	2163	32809	0.36%	0.083%
260	14.846	14.840	14.864	VV	1609	20849	0.23%	0.053%
261	14.922	14.864	15.004	VV	20106	442517	4.89%	1.119%
262	15.020	15.004	15.031	VV	2171	31871	0.35%	0.081%
263	15.079	15.031	15.105	VV	3938	119569	1.32%	0.302%
264	15.129	15.105	15.151	VV	8757	133028	1.47%	0.336%
265	15.167	15.151	15.190	VV	4298	75410	0.83%	0.191%
266	15.209	15.190	15.232	VV	3396	65898	0.73%	0.167%
267	15.236	15.232	15.242	VV	2377	14618	0.16%	0.037%
268	15.266	15.242	15.272	VV	4775	64707	0.72%	0.164%
269	15.289	15.272	15.325	VV	5340	121214	1.34%	0.306%
270	15.334	15.325	15.342	VV	1638	15024	0.17%	0.038%
271	15.376	15.342	15.396	VV	2283	60157	0.67%	0.152%
272	15.410	15.396	15.431	VV	1727	29803	0.33%	0.075%
273	15.463	15.431	15.477	VV	2148	49104	0.54%	0.124%
274	15.491	15.477	15.512	VV	3633	54107	0.60%	0.137%
275	15.528	15.512	15.545	VV	1777	32530	0.36%	0.082%
276	15.561	15.545	15.587	VV	2795	48577	0.54%	0.123%
277	15.592	15.587	15.596	VV	1098	5717	0.06%	0.014%
278	15.611	15.596	15.616	VV	1409	14895	0.16%	0.038%
279	15.626	15.616	15.652	VV	1653	25996	0.29%	0.066%
280	15.658	15.652	15.666	VV	856	6746	0.07%	0.017%
281	15.672	15.666	15.679	VV	867	5606	0.06%	0.014%
282	15.701	15.679	15.707	VV	1054	14252	0.16%	0.036%
283	15.729	15.707	15.752	VV	1938	37520	0.41%	0.095%
284	15.769	15.752	15.789	VV	1389	22308	0.25%	0.056%
285	15.827	15.789	15.862	VV	2012	59515	0.66%	0.150%
286	15.931	15.862	15.962	VV	3827	115083	1.27%	0.291%
287	15.968	15.962	15.973	VV	1394	8428	0.09%	0.021%
288	16.006	15.973	16.026	VV	14312	212834	2.35%	0.538%
289	16.037	16.026	16.087	VV	6133	104084	1.15%	0.263%
290	16.139	16.087	16.161	VV	4564	113403	1.25%	0.287%
291	16.176	16.161	16.227	VV	2254	52111	0.58%	0.132%
292	16.239	16.227	16.247	VV	864	8507	0.09%	0.022%
293	16.254	16.247	16.271	VV	910	10864	0.12%	0.027%
294	16.322	16.271	16.354	VV	9947	161053	1.78%	0.407%
295	16.383	16.354	16.429	VV	12478	200469	2.22%	0.507%
296	16.437	16.429	16.444	VV	1230	10442	0.12%	0.026%
297	16.447	16.444	16.463	VV	1166	11580	0.13%	0.029%
298	16.491	16.463	16.527	VV	3499	86600	0.96%	0.219%
299	16.550	16.527	16.572	VV	2309	43833	0.48%	0.111%

					rteres			
300	16.583	16.572	16.597	VV	1209	16205	0.18%	0.041%
301	16.639	16.597	16.678	VV	2145	72682	0.80%	0.184%
302	16.690	16.678	16.717	VV	1117	18631	0.21%	0.047%
303	16.754	16.717	16.789	VV	3266	87268	0.96%	0.221%
304	16.804	16.789	16.832	VV	1696	34740	0.38%	0.088%
305	16.878	16.832	16.897	VV	3032	62892	0.70%	0.159%
306	16.909	16.897	16.935	VV	2128	37531	0.42%	0.095%
307	16.956	16.935	16.991	VV	2194	52838	0.58%	0.134%
308	16.996	16.991	17.002	VV	988	5597	0.06%	0.014%
309	17.007	17.002	17.019	VV	947	7631	0.08%	0.019%
310	17.037	17.019	17.066	VV	2880	46624	0.52%	0.118%
311	17.082	17.066	17.109	VV	1287	23461	0.26%	0.059%
312	17.115	17.109	17.127	VV	405	2969	0.03%	0.008%
313	17.154	17.127	17.190	PV	1126	24293	0.27%	0.061%
314	17.199	17.190	17.205	VV	414	2669	0.03%	0.007%
315	17.208	17.205	17.220	VV	367	2336	0.03%	0.006%
316	17.238	17.220	17.251	VV	594	7835	0.09%	0.020%
317	17.258	17.251	17.264	VV	401	2047	0.02%	0.005%
318	17.274	17.264	17.284	VV	269	2246	0.02%	0.006%
319	17.337	17.284	17.342	VV	1461	23010	0.25%	0.058%
320	17.351	17.342	17.366	VV	1572	20032	0.22%	0.051%
321	17.388	17.366	17.424	VV	3263	58734	0.65%	0.149%
322	17.435	17.424	17.449	VV	707	8703	0.10%	0.022%
323	17.476	17.449	17.505	VV	2510	45513	0.50%	0.115%
324	17.538	17.505	17.568	VV	887	23448	0.26%	0.059%
325	17.583	17.568	17.596	VV	852	12271	0.14%	0.031%
326	17.601	17.596	17.630	VV	951	8988	0.10%	0.023%
327	17.662	17.642	17.699	VV	2163	41847	0.46%	0.106%
328	17.708	17.699	17.715	VV	1034	9270	0.10%	0.023%
329	17.749	17.715	17.785	VV	15596	300792	3.33%	0.761%
330	17.807	17.785	17.839	VV	4760	95695	1.06%	0.242%
331	17.841	17.839	17.862	VV	955	9669	0.11%	0.024%
332	17.892	17.862	17.909	VV	2313	37194	0.41%	0.094%
333	17.919	17.909	17.950	VV	2035	27010	0.30%	0.068%
334	17.962	17.950	17.977	VV	590	5267	0.06%	0.013%
335	17.998	17.977	18.037	VV	7175	103434	1.14%	0.262%
336	18.056	18.037	18.092	VV	502	8584	0.09%	0.022%
337	18.101	18.092	18.112	PV	234	1145	0.01%	0.003%
338	18.145	18.112	18.175	PV	3491	50094	0.55%	0.127%
Sum of corrected areas:					39549125			

Aromatic EPH 093024.M Wed Oct 23 07:57:57 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067490.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 04:16
 Operator : YP/AJ
 Sample : P4460-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WB-303-BOT

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 07:09:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.937	4582483	40.484 ug/mlm
Spiked Amount	50.000	Recovery	= 80.97%

Target Compounds

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067490.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 04:16
Operator : YP/AJ
Sample : P4460-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

WB-303-BOT

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:09:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

QLast Update : Tue Oct 01 09:13:32 2024

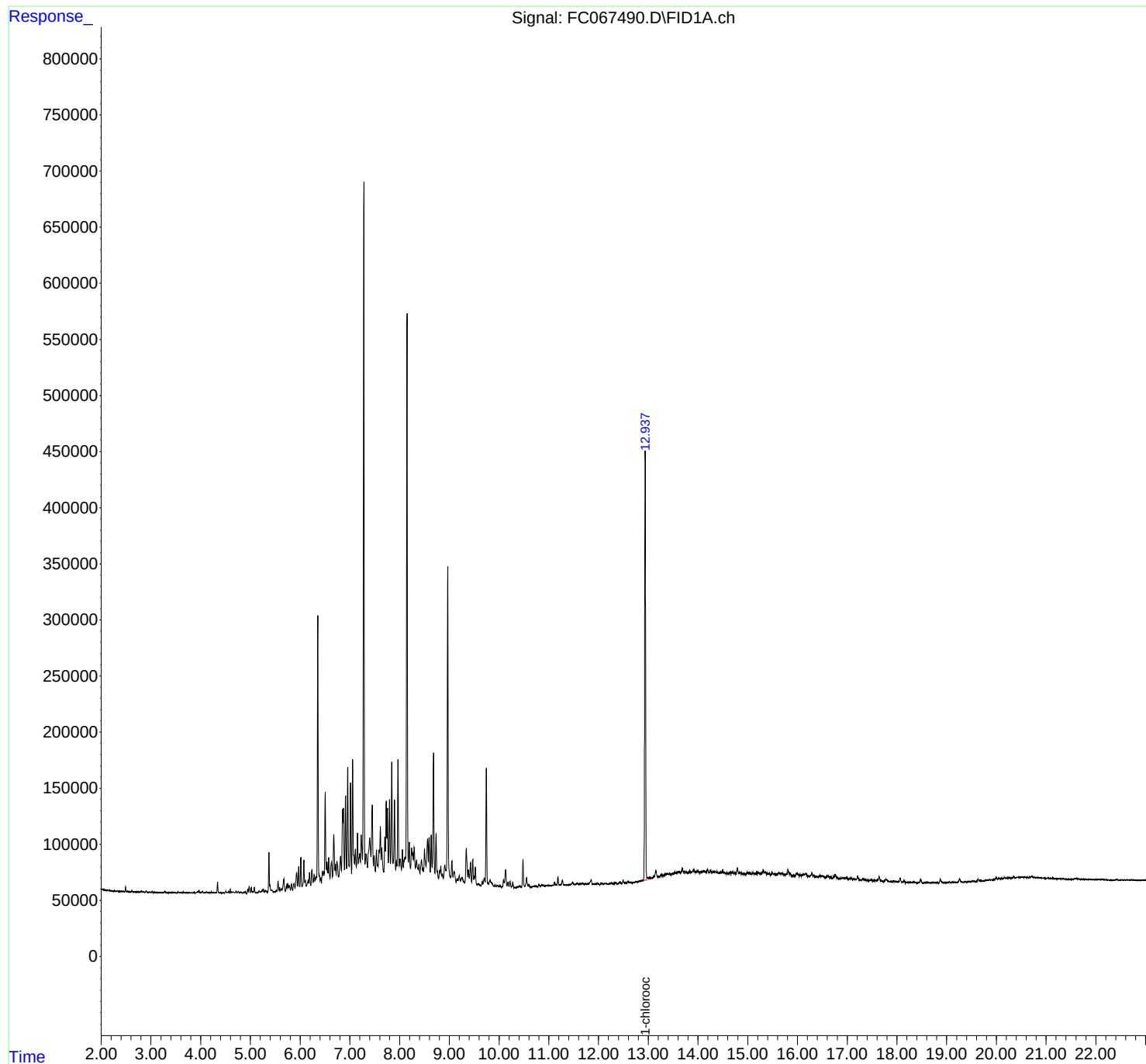
Response via : Initial Calibration

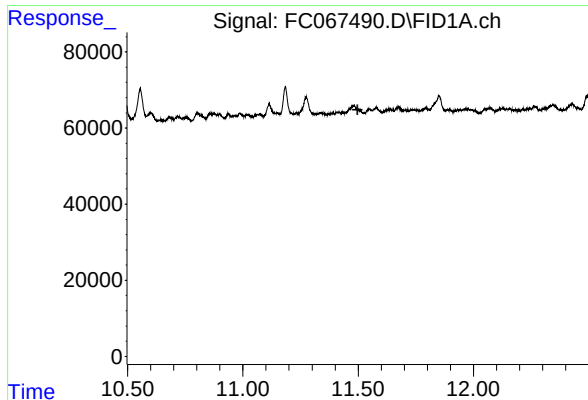
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





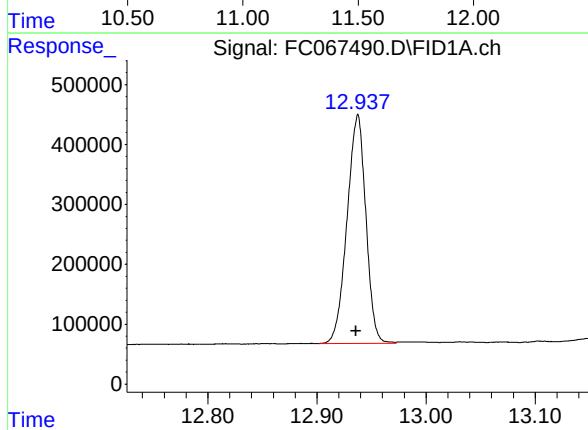
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
WB-303-BOT

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :Ankita Jodhani 10/23/2024



#12 1-chlorooctadecane (SURR)

R.T.: 12.937 min
Delta R.T.: 0.001 min
Response: 4582483
Conc: 40.48 ug/ml m

Instrument :

FID_C

ClientSampleId :

WB-303-BOT

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10224.M
 Data File : FC067490.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 04:16
 Sample : P4460-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.238	3.204	3.246	BV	62	-546	-0.01%	-0.001%
2	3.275	3.246	3.364	PV	1157	16054	0.23%	0.016%
3	3.375	3.364	3.391	VV	199	1668	0.02%	0.002%
4	3.404	3.391	3.414	VV	115	1221	0.02%	0.001%
5	3.423	3.414	3.450	VV	149	936	0.01%	0.001%
6	3.472	3.450	3.489	VV	388	3318	0.05%	0.003%
7	3.550	3.489	3.579	PV	503	8913	0.13%	0.009%
8	3.597	3.579	3.626	PV	456	5140	0.07%	0.005%
9	3.646	3.626	3.678	VV	857	9845	0.14%	0.010%
10	3.717	3.678	3.730	VV	220	3840	0.05%	0.004%
11	3.740	3.730	3.753	VV	208	1519	0.02%	0.001%
12	3.767	3.753	3.797	VV	267	3665	0.05%	0.004%
13	3.811	3.797	3.831	VV	156	1494	0.02%	0.001%
14	3.859	3.831	3.908	PV	558	11755	0.17%	0.012%
15	3.939	3.908	3.953	VV	1568	19454	0.28%	0.019%
16	3.968	3.953	3.991	VV	2339	22999	0.33%	0.023%
17	4.000	3.991	4.016	VV	505	5399	0.08%	0.005%
18	4.035	4.016	4.056	VV	1909	19086	0.27%	0.019%
19	4.117	4.056	4.133	VV	1336	19499	0.28%	0.019%
20	4.146	4.133	4.196	VV	634	12562	0.18%	0.012%
21	4.215	4.196	4.233	VV	1297	12895	0.18%	0.013%
22	4.252	4.233	4.275	VV	434	6451	0.09%	0.006%
23	4.292	4.275	4.314	VV	455	5908	0.08%	0.006%
24	4.339	4.314	4.389	VV	10005	101692	1.44%	0.100%
25	4.407	4.389	4.431	VV	259	3997	0.06%	0.004%
26	4.454	4.431	4.474	VV	285	4788	0.07%	0.005%
27	4.506	4.474	4.524	VV	1515	21952	0.31%	0.022%
28	4.537	4.524	4.547	VV	867	9915	0.14%	0.010%
29	4.562	4.547	4.576	VV	1641	17786	0.25%	0.018%
30	4.592	4.576	4.608	VV	3372	31959	0.45%	0.031%
31	4.620	4.608	4.632	VV	1214	11367	0.16%	0.011%
32	4.647	4.632	4.682	VV	1229	21776	0.31%	0.021%
33	4.712	4.682	4.730	VV	1896	25459	0.36%	0.025%
34	4.755	4.730	4.775	VV	1776	26216	0.37%	0.026%
35	4.809	4.775	4.841	VV	1184	22847	0.32%	0.023%
36	4.861	4.841	4.875	VV	860	10700	0.15%	0.011%

Instrument : FID_C									
ClientSampleId : WB-303-BOT									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
					rters				
37	4.891	4.875	4.918	VV	1137	16594	0.24%	0.016%	
38	4.946	4.918	4.958	PV	3567	36281			
39	4.975	4.958	4.997	VV	5985	75055			
40	5.017	4.997	5.043	VV	4983	63915			
41	5.054	5.043	5.061	VV	1326	11424			
42	5.078	5.061	5.118	VV	5136	57869			
43	5.134	5.118	5.154	PV	562	6870	0.10%	0.007%	
44	5.175	5.154	5.201	VV	2191	31277	0.44%	0.031%	
45	5.240	5.201	5.251	VV	3182	50290	0.71%	0.050%	
46	5.263	5.251	5.279	VV	3313	35075	0.50%	0.035%	
47	5.301	5.279	5.312	VV	1684	27085	0.38%	0.027%	
48	5.321	5.312	5.348	VV	1678	21667	0.31%	0.021%	
49	5.373	5.348	5.414	VV	35669	431651	6.12%	0.425%	
50	5.431	5.414	5.457	VV	2764	49334	0.70%	0.049%	
51	5.470	5.457	5.480	VV	1050	12256	0.17%	0.012%	
52	5.520	5.480	5.534	VV	1658	41282	0.59%	0.041%	
53	5.556	5.534	5.577	VV	9828	136862	1.94%	0.135%	
54	5.588	5.577	5.604	VV	4704	50895	0.72%	0.050%	
55	5.622	5.604	5.638	VV	3573	53137	0.75%	0.052%	
56	5.671	5.638	5.703	VV	12091	220829	3.13%	0.217%	
57	5.723	5.703	5.730	VV	5432	56824	0.81%	0.056%	
58	5.742	5.730	5.754	VV	8207	88539	1.26%	0.087%	
59	5.764	5.754	5.775	VV	6359	66511	0.94%	0.066%	
60	5.786	5.775	5.805	VV	6244	84664	1.20%	0.083%	
61	5.827	5.805	5.849	VV	7491	114651	1.63%	0.113%	
62	5.878	5.849	5.897	VV	8119	155068	2.20%	0.153%	
63	5.930	5.897	5.950	VV	17611	337885	4.79%	0.333%	
64	5.971	5.950	5.993	VV	22970	315902	4.48%	0.311%	
65	6.014	5.993	6.041	VV	31244	406698	5.77%	0.401%	
66	6.076	6.041	6.094	VV	28584	422168	5.99%	0.416%	
67	6.105	6.094	6.125	VV	10186	154425	2.19%	0.152%	
68	6.161	6.125	6.172	VV	10441	224306	3.18%	0.221%	
69	6.189	6.172	6.214	VV	17402	282000	4.00%	0.278%	
70	6.235	6.214	6.263	VV	19456	374867	5.32%	0.369%	
71	6.284	6.263	6.299	VV	15455	262124	3.72%	0.258%	
72	6.355	6.299	6.403	VV	245623	3094776	43.89%	3.048%	
73	6.412	6.403	6.428	VV	12228	160711	2.28%	0.158%	
74	6.448	6.428	6.464	VV	18407	312146	4.43%	0.307%	
75	6.504	6.464	6.529	VV	88512	1409917	20.00%	1.389%	
76	6.541	6.529	6.559	VV	26299	393184	5.58%	0.387%	
77	6.575	6.559	6.602	VV	30588	510612	7.24%	0.503%	
78	6.630	6.602	6.652	VV	26323	605923	8.59%	0.597%	
79	6.677	6.652	6.701	VV	50874	927316	13.15%	0.913%	
80	6.711	6.701	6.724	VV	24242	282347	4.00%	0.278%	
81	6.742	6.724	6.773	VV	27009	595395	8.44%	0.586%	
82	6.813	6.773	6.830	VV	30925	745945	10.58%	0.735%	
83	6.870	6.830	6.892	VV	74277	1816544	25.76%	1.789%	
84	6.913	6.892	6.936	VV	84893	1190607	16.89%	1.173%	
85	6.957	6.936	6.987	VV	110536	1621174	22.99%	1.597%	
86	7.014	6.987	7.035	VV	95835	1342852	19.05%	1.323%	
87	7.057	7.035	7.094	VV	116535	1808510	25.65%	1.781%	
88	7.111	7.094	7.131	VV	37296	647279	9.18%	0.637%	
89	7.155	7.131	7.173	VV	51810	864411	12.26%	0.851%	

Instrument : FID_C							
ClientSampleId : WB-303-BOT							
90	7.200	7.173	7.212	VV	32924	685124	9.72% 0.675%
91	7.229	7.212	7.253	VV	49966	957775	13.00% 0.675%
92	7.281	7.253	7.306	VV	626621	7050558	100.00% 0.675%
93	7.327	7.306	7.354	VV	32479	787934	11.30% 0.675%
94	7.399	7.354	7.424	VV	46886	1521447	21.30% 0.675%
95	7.450	7.424	7.476	VV	76178	1487811	21.30% 0.675%
96	7.490	7.476	7.513	VV	31270	553874	7.86% 0.546%
97	7.536	7.513	7.556	VV	35809	675233	9.58% 0.665%
98	7.614	7.556	7.631	VV	57308	1541733	21.87% 1.518%
99	7.643	7.631	7.680	VV	38237	796373	11.30% 0.784%
100	7.704	7.680	7.714	VV	47481	664795	9.43% 0.655%
101	7.731	7.714	7.745	VV	79713	1066942	15.13% 1.051%
102	7.756	7.745	7.775	VV	73256	917148	13.01% 0.903%
103	7.798	7.775	7.819	VV	80692	1243504	17.64% 1.225%
104	7.843	7.819	7.869	VV	113904	1683905	23.88% 1.658%
105	7.899	7.869	7.923	VV	80457	1323422	18.77% 1.303%
106	7.938	7.923	7.947	VV	25625	333058	4.72% 0.328%
107	7.969	7.947	7.993	VV	116848	1577623	22.38% 1.554%
108	8.012	7.993	8.038	VV	27715	640612	9.09% 0.631%
109	8.057	8.038	8.075	VV	36136	599390	8.50% 0.590%
110	8.150	8.075	8.178	VV	519366	6837891	96.98% 6.735%
111	8.196	8.178	8.219	VV	42446	740469	10.50% 0.729%
112	8.242	8.219	8.276	VV	37355	1020936	14.48% 1.006%
113	8.295	8.276	8.318	VV	37679	741957	10.52% 0.731%
114	8.341	8.318	8.373	VV	26034	722783	10.25% 0.712%
115	8.390	8.373	8.408	VV	22186	406397	5.76% 0.400%
116	8.441	8.408	8.463	VV	26770	694867	9.86% 0.684%
117	8.473	8.463	8.483	VV	19347	216284	3.07% 0.213%
118	8.503	8.483	8.531	VV	36439	748517	10.62% 0.737%
119	8.564	8.531	8.580	VV	44940	980595	13.91% 0.966%
120	8.595	8.580	8.617	VV	46246	701983	9.96% 0.691%
121	8.637	8.617	8.655	VV	48059	709337	10.06% 0.699%
122	8.682	8.655	8.710	VV	120928	1782694	25.28% 1.756%
123	8.734	8.710	8.782	VV	49792	981438	13.92% 0.967%
124	8.829	8.782	8.850	VV	20292	609751	8.65% 0.601%
125	8.862	8.850	8.881	VV	13633	227368	3.22% 0.224%
126	8.908	8.881	8.936	VV	21248	555971	7.89% 0.548%
127	8.969	8.936	9.018	VV	285303	3698798	52.46% 3.643%
128	9.052	9.018	9.074	VV	24747	535860	7.60% 0.528%
129	9.100	9.074	9.137	VV	15024	447888	6.35% 0.441%
130	9.161	9.137	9.178	VV	8939	195414	2.77% 0.192%
131	9.201	9.178	9.219	VV	11743	236790	3.36% 0.233%
132	9.227	9.219	9.235	VV	8590	81433	1.15% 0.080%
133	9.250	9.235	9.311	VV	10037	357694	5.07% 0.352%
134	9.342	9.311	9.373	VV	35665	720763	10.22% 0.710%
135	9.385	9.373	9.403	VV	17038	236772	3.36% 0.233%
136	9.427	9.403	9.449	VV	23069	393396	5.58% 0.387%
137	9.472	9.449	9.492	VV	25717	383615	5.44% 0.378%
138	9.525	9.492	9.554	VV	19148	384488	5.45% 0.379%
139	9.579	9.554	9.638	VV	4250	165865	2.35% 0.163%
140	9.663	9.638	9.677	VV	5533	96951	1.38% 0.095%
141	9.702	9.677	9.720	VV	8981	173517	2.46% 0.171%

Instrument : FID_C									
ClientSampleId : WB-303-BOT									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
	rteres								
142	9.745	9.720	9.790	VV	107178	1335814	18.95%	1.316%	
143	9.817	9.790	9.839	VV	6868	162845			
144	9.848	9.839	9.893	VV	5404	120155			
145	9.917	9.893	9.937	VV	2752	54747			
146	9.957	9.937	9.998	VV	2685	71334			
147	10.020	9.998	10.044	VV	2367	45258			
148	10.091	10.044	10.105	VV	7002	114846	1.63%	0.113%	
149	10.133	10.105	10.160	VV	16158	289400	4.10%	0.285%	
150	10.180	10.160	10.200	VV	5185	78303	1.11%	0.077%	
151	10.222	10.200	10.248	VV	5734	85854	1.22%	0.085%	
152	10.276	10.248	10.311	VV	5158	70624	1.00%	0.070%	
153	10.343	10.311	10.358	PV	320	4797	0.07%	0.005%	
154	10.378	10.358	10.394	VV	871	13372	0.19%	0.013%	
155	10.413	10.394	10.441	VV	1528	25706	0.36%	0.025%	
156	10.482	10.441	10.517	VV	25410	319484	4.53%	0.315%	
157	10.555	10.517	10.583	VV	8632	151365	2.15%	0.149%	
158	10.600	10.583	10.628	VV	2122	38859	0.55%	0.038%	
159	10.643	10.628	10.659	VV	367	4552	0.06%	0.004%	
160	10.681	10.659	10.700	VV	934	15427	0.22%	0.015%	
161	10.718	10.700	10.741	VV	1144	20307	0.29%	0.020%	
162	10.756	10.741	10.778	VV	972	13059	0.19%	0.013%	
163	10.803	10.778	10.838	PV	2060	39352	0.56%	0.039%	
164	10.872	10.838	10.918	VV	1626	58877	0.84%	0.058%	
165	10.937	10.918	10.950	VV	1465	17409	0.25%	0.017%	
166	10.987	10.950	11.008	VV	1488	33412	0.47%	0.033%	
167	11.017	11.008	11.044	VV	982	17531	0.25%	0.017%	
168	11.074	11.044	11.091	VV	1033	22113	0.31%	0.022%	
169	11.114	11.091	11.143	VV	3699	60425	0.86%	0.060%	
170	11.184	11.143	11.224	VV	8110	129571	1.84%	0.128%	
171	11.231	11.224	11.238	VV	1031	7857	0.11%	0.008%	
172	11.274	11.238	11.323	VV	5074	102638	1.46%	0.101%	
173	11.335	11.323	11.366	VV	865	15664	0.22%	0.015%	
174	11.416	11.366	11.428	VV	859	22054	0.31%	0.022%	
175	11.436	11.428	11.441	VV	728	5360	0.08%	0.005%	
176	11.481	11.441	11.525	VV	2414	68618	0.97%	0.068%	
177	11.549	11.525	11.560	VV	1377	20491	0.29%	0.020%	
178	11.579	11.560	11.604	VV	1688	29360	0.42%	0.029%	
179	11.637	11.604	11.658	VV	1030	27985	0.40%	0.028%	
180	11.675	11.658	11.721	VV	1814	36963	0.52%	0.036%	
181	11.735	11.721	11.764	VV	909	17612	0.25%	0.017%	
182	11.794	11.764	11.807	VV	1159	20141	0.29%	0.020%	
183	11.851	11.807	11.908	VV	4151	92712	1.31%	0.091%	
184	11.965	11.908	12.001	VBA	470	22840	0.32%	0.022%	
185	12.073	12.001	12.094	BV	885	11368	0.16%	0.011%	
186	12.126	12.094	12.138	PV	751	13469	0.19%	0.013%	
187	12.157	12.138	12.203	VV	707	14983	0.21%	0.015%	
188	12.215	12.203	12.222	PV	402	3394	0.05%	0.003%	
189	12.264	12.222	12.291	VV	1184	25246	0.36%	0.025%	
190	12.345	12.291	12.394	VV	1415	39502	0.56%	0.039%	
191	12.427	12.394	12.467	PV	1685	34400	0.49%	0.034%	
192	12.492	12.467	12.521	VV	3685	54313	0.77%	0.053%	
193	12.528	12.521	12.545	VV	947	11381	0.16%	0.011%	
194	12.594	12.545	12.618	VV	2285	50026	0.71%	0.049%	

							Instrument : FID_C		A	
							ClientSampleId : WB-303-BOT			
rteres									Manual IntegrationsAPPROVED	B
195	12.636	12.618	12.670	VV	1233	25904	0.37%	0.026%		
196	12.703	12.670	12.723	VV	1075	24181				
197	12.750	12.723	12.764	VV	1582	32101				
198	12.775	12.764	12.798	VV	1601	27856				
199	12.816	12.798	12.832	VV	2099	36084			Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024	C
200	12.854	12.832	12.871	VV	2314	46299				D
201	12.937	12.871	12.972	VV	384988	4731534	67.11%	4.660%		E
202	12.983	12.972	13.012	VV	5023	109265	1.55%	0.108%		F
203	13.032	13.012	13.055	VV	4994	113880	1.62%	0.112%		G
204	13.070	13.055	13.084	VV	4755	75981	1.08%	0.075%		H
205	13.105	13.084	13.118	VV	6024	104762	1.49%	0.103%		I
206	13.152	13.118	13.227	VV	11082	439944	6.24%	0.433%		J
207	13.262	13.227	13.294	VV	7578	249280	3.54%	0.246%		
208	13.375	13.294	13.450	VV	7809	656144	9.31%	0.646%		
209	13.538	13.450	13.559	VV	8679	494396	7.01%	0.487%		
210	13.604	13.559	13.651	VV	9005	468648	6.65%	0.462%		
211	13.685	13.651	13.717	VV	12047	379785	5.39%	0.374%		
212	13.735	13.717	13.808	VV	9256	450982	6.40%	0.444%		
213	13.836	13.808	13.874	VV	9155	334353	4.74%	0.329%		
214	13.921	13.874	13.941	VV	9924	369157	5.24%	0.364%		
215	13.997	13.941	14.050	VV	8852	545804	7.74%	0.538%		
216	14.074	14.050	14.101	VV	8861	252286	3.58%	0.248%		
217	14.123	14.101	14.161	VV	9041	301757	4.28%	0.297%		
218	14.193	14.161	14.227	VV	10112	337077	4.78%	0.332%		
219	14.250	14.227	14.288	VV	9678	296591	4.21%	0.292%		
220	14.315	14.288	14.422	VV	8489	612649	8.69%	0.603%		
221	14.454	14.422	14.475	VV	7825	227476	3.23%	0.224%		
222	14.498	14.475	14.611	VV	8541	548430	7.78%	0.540%		
223	14.619	14.611	14.624	VV	6141	48634	0.69%	0.048%		
224	14.647	14.624	14.661	VV	6648	140331	1.99%	0.138%		
225	14.707	14.661	14.731	VV	6868	268165	3.80%	0.264%		
226	14.790	14.731	14.820	VV	10718	375086	5.32%	0.369%		
227	14.843	14.820	14.907	VV	6593	303794	4.31%	0.299%		
228	14.927	14.907	14.958	VV	5311	154010	2.18%	0.152%		
229	14.987	14.958	15.021	VV	6433	213646	3.03%	0.210%		
230	15.029	15.021	15.074	VV	5997	171351	2.43%	0.169%		
231	15.101	15.074	15.135	VV	5871	191292	2.71%	0.188%		
232	15.174	15.135	15.191	VV	5813	175134	2.48%	0.172%		
233	15.220	15.191	15.271	VV	6069	254698	3.61%	0.251%		
234	15.309	15.271	15.344	VV	8558	271556	3.85%	0.267%		
235	15.359	15.344	15.389	VV	6155	146422	2.08%	0.144%		
236	15.399	15.389	15.411	VV	4746	58708	0.83%	0.058%		
237	15.427	15.411	15.454	VV	4644	111297	1.58%	0.110%		
238	15.494	15.454	15.548	VV	5111	235229	3.34%	0.232%		
239	15.567	15.548	15.590	VV	4418	96902	1.37%	0.095%		
240	15.629	15.590	15.673	VV	5025	213804	3.03%	0.211%		
241	15.684	15.673	15.754	VV	4718	187978	2.67%	0.185%		
242	15.808	15.754	15.833	VV	6932	212168	3.01%	0.209%		
243	15.844	15.833	15.954	VV	4276	187285	2.66%	0.184%		
244	15.993	15.954	16.035	VV	4545	150597	2.14%	0.148%		
245	16.044	16.035	16.078	VV	2310	51783	0.73%	0.051%		
246	16.164	16.078	16.209	VV	3672	199026	2.82%	0.196%		

							Instrument : FID_C		A
							ClientSampleId : WB-303-BOT		
rteres							0.27% 0.019%		B
							Manual IntegrationsAPPROVED		C
							Reviewed By :Yogesh Patel 10/23/2024		D
							Supervised By :Ankita Jodhani 10/23/2024		E
247	16.216	16.209	16.235	VV	1507	19060			F
248	16.290	16.235	16.317	VV	3986	96763			G
249	16.334	16.317	16.356	VV	1857	26000			H
250	16.379	16.356	16.418	VV	621	14082			I
251	16.445	16.418	16.474	PV	619	14427			J
252	16.597	16.538	16.654	BV	1188	39200			
253	16.659	16.654	16.702	VV	760	8465	0.12%	0.008%	
254	16.757	16.702	16.827	PV	3722	105465	1.50%	0.104%	
255	16.849	16.827	16.864	PV	467	5973	0.08%	0.006%	
256	16.908	16.864	16.958	VV	1065	41631	0.59%	0.041%	
257	16.982	16.958	17.029	VV	1913	42923	0.61%	0.042%	
258	17.080	17.029	17.119	VV	1544	46147	0.65%	0.045%	
259	17.130	17.119	17.184	VV	866	28537	0.40%	0.028%	
260	17.208	17.184	17.268	VV	3711	73300	1.04%	0.072%	
261	17.274	17.268	17.291	VV	512	5818	0.08%	0.006%	
262	17.314	17.291	17.441	PV	1482	71803	1.02%	0.071%	
263	17.449	17.441	17.456	VV	541	4419	0.06%	0.004%	
264	17.485	17.456	17.514	VV	1117	27432	0.39%	0.027%	
265	17.538	17.514	17.558	VV	959	20180	0.29%	0.020%	
266	17.575	17.558	17.596	VV	1301	21838	0.31%	0.022%	
267	17.643	17.596	17.670	VV	4615	88585	1.26%	0.087%	
268	17.681	17.670	17.725	VV	1398	22687	0.32%	0.022%	
269	17.778	17.725	17.865	PV	2464	76755	1.09%	0.076%	
270	17.885	17.865	17.894	VV	392	4195	0.06%	0.004%	
271	17.926	17.894	17.952	VV	909	21766	0.31%	0.021%	
272	17.961	17.952	18.036	VV	738	28024	0.40%	0.028%	
273	18.066	18.036	18.102	VV	3728	62327	0.88%	0.061%	
274	18.113	18.102	18.124	VV	511	5245	0.07%	0.005%	
275	18.146	18.124	18.177	VV	2132	27575	0.39%	0.027%	
276	18.202	18.177	18.258	VV	266	5989	0.08%	0.006%	
277	18.263	18.258	18.269	VV	271	1166	0.02%	0.001%	
278	18.276	18.269	18.291	VV	300	2583	0.04%	0.003%	
279	18.305	18.291	18.313	VV	427	4314	0.06%	0.004%	
280	18.332	18.313	18.342	VV	776	9136	0.13%	0.009%	
281	18.349	18.342	18.414	VV	656	12783	0.18%	0.013%	
282	18.473	18.414	18.515	VV	3667	66486	0.94%	0.065%	
283	18.524	18.515	18.532	VV	321	1294	0.02%	0.001%	
284	18.537	18.532	18.548	PV	93	468	0.01%	0.000%	
285	18.571	18.548	18.598	VV	656	11297	0.16%	0.011%	
286	18.616	18.598	18.685	VV	877	21606	0.31%	0.021%	
287	18.701	18.685	18.714	VV	351	4711	0.07%	0.005%	
288	18.734	18.714	18.814	VV	772	22124	0.31%	0.022%	
289	18.828	18.814	18.840	PV	239	2548	0.04%	0.003%	
290	18.870	18.840	18.933	VV	3060	63280	0.90%	0.062%	
291	18.970	18.933	19.001	VV	441	7499	0.11%	0.007%	
292	19.057	19.001	19.094	VV	640	14645	0.21%	0.014%	
293	19.115	19.094	19.144	VV	416	7726	0.11%	0.008%	
294	19.169	19.144	19.195	VV	384	7002	0.10%	0.007%	
295	19.257	19.195	19.331	PV	3289	80344	1.14%	0.079%	
296	19.373	19.331	19.411	VV	633	16034	0.23%	0.016%	
297	19.506	19.411	19.527	VV	925	34943	0.50%	0.034%	
298	19.548	19.527	19.598	VV	944	29865	0.42%	0.029%	
299	19.631	19.598	19.655	VV	2630	48680	0.69%	0.048%	

300	19.673	19.655	19.720	VV	1399	39964	0.57%	0.039%
301	19.869	19.720	19.923	VV	1836	175008		
302	19.936	19.923	19.940	VV	1647	17266		
303	19.996	19.940	20.023	VV	3616	120920		
304	20.052	20.023	20.081	VV	2937	89141		
305	20.171	20.081	20.182	VV	3326	169299		
306	20.188	20.182	20.195	VV	2996	22810	0.32%	0.022%
307	20.264	20.195	20.289	VV	3279	168075	2.38%	0.166%
308	20.299	20.289	20.305	VV	3020	28777	0.41%	0.028%
309	20.349	20.305	20.396	VV	4292	184510	2.62%	0.182%
310	20.470	20.396	20.493	VV	3587	196302	2.78%	0.193%
311	20.520	20.493	20.550	VV	3696	121134	1.72%	0.119%
312	20.574	20.550	20.634	VV	3418	163829	2.32%	0.161%
313	20.639	20.634	20.651	VV	3132	30904	0.44%	0.030%
314	20.715	20.651	20.768	VV	4079	238664	3.39%	0.235%
315	20.782	20.768	20.864	VV	3032	164295	2.33%	0.162%
316	20.868	20.864	20.881	VV	2677	25653	0.36%	0.025%
317	20.887	20.881	20.971	VV	2583	122749	1.74%	0.121%
318	20.978	20.971	21.006	VV	2158	43304	0.61%	0.043%
319	21.038	21.006	21.103	VV	2278	112891	1.60%	0.111%
320	21.134	21.103	21.214	VV	2166	108420	1.54%	0.107%
321	21.264	21.214	21.291	VV	1345	59839	0.85%	0.059%
322	21.302	21.291	21.332	VV	1281	28217	0.40%	0.028%
323	21.340	21.332	21.358	VV	1201	16926	0.24%	0.017%
324	21.372	21.358	21.384	VV	1145	16167	0.23%	0.016%
325	21.396	21.384	21.439	VV	1171	28817	0.41%	0.028%
326	21.448	21.439	21.474	VV	712	13855	0.20%	0.014%
327	21.526	21.474	21.538	VV	767	25607	0.36%	0.025%
328	21.591	21.538	21.654	VV	1210	64121	0.91%	0.063%
329	21.661	21.654	21.691	VV	897	14285	0.20%	0.014%
330	21.701	21.691	21.728	VV	650	8094	0.11%	0.008%
331	21.749	21.728	21.801	VBA	339	6337	0.09%	0.006%
Sum of corrected areas:					101534196			

Instrument :

FID_C

ClientSampleId :

WB-303-BOT

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Aliphatic EPH 100224.M Thu Oct 24 04:42:27 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048553.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 04:16
 Operator : YP/AJ
 Sample : P4460-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WB-303-BOT

Integration File: autoint1.e
 Quant Time: Oct 23 05:09:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	7189130	43.421 ug/ml
Spiked Amount 50.000		Recovery =	86.84%
6) S 2-Fluorobiphenyl (SURR)	8.224	4564356	44.013 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.03%
11) S ortho-Terphenyl (SURR)	11.260	5458641	29.667 ug/ml
Spiked Amount 50.000		Recovery =	59.33%

Target Compounds

(f)=RT Delta > 1/2 Window

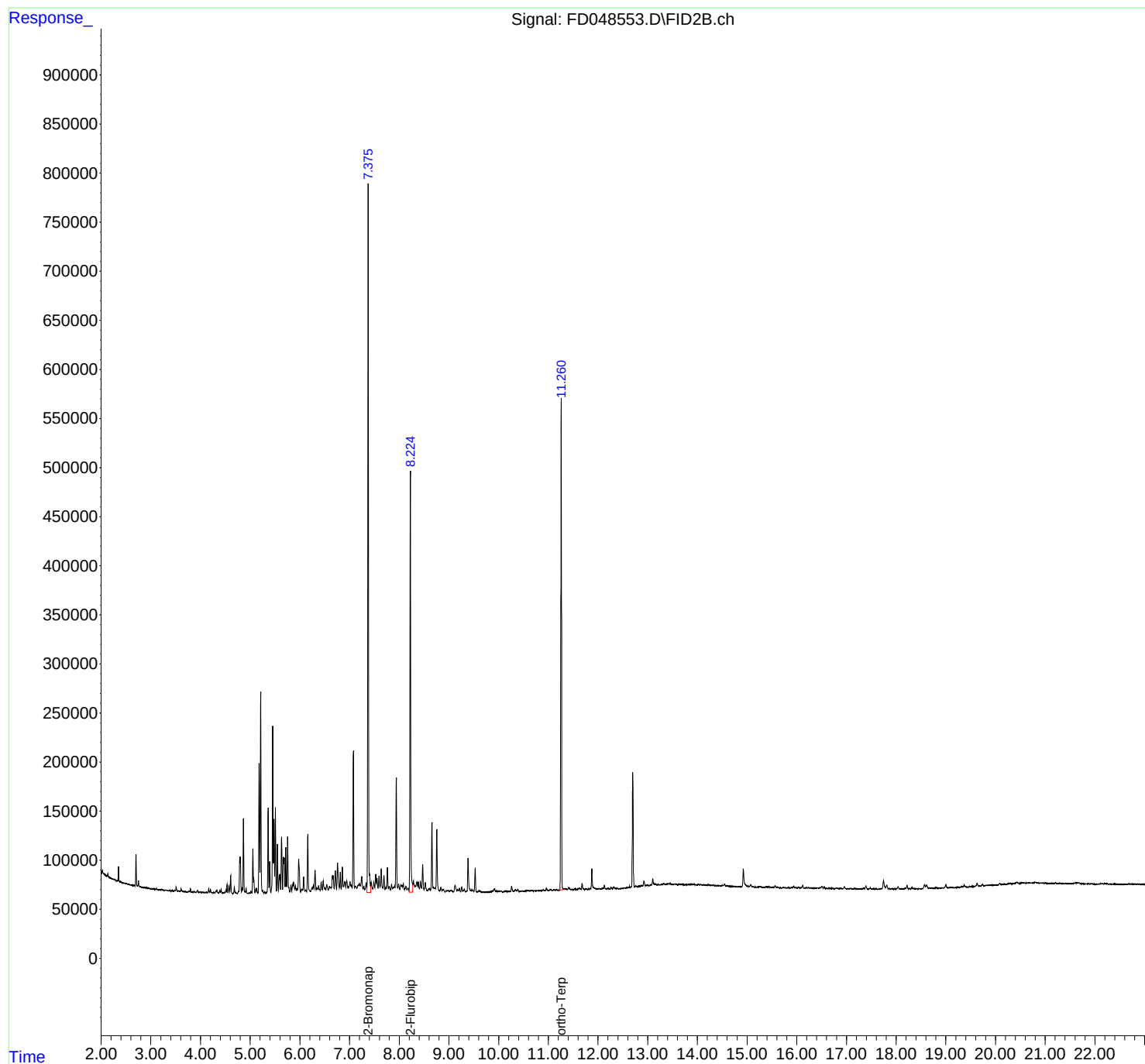
(m)=manual int.

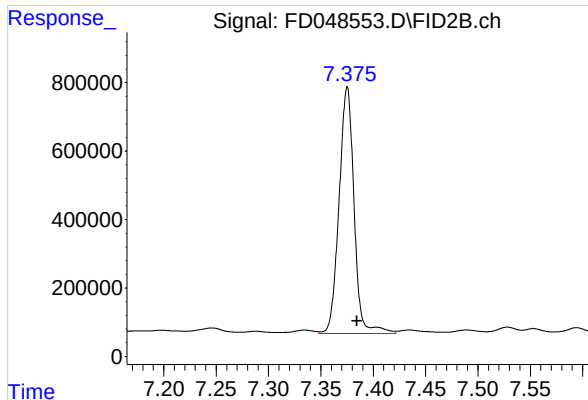
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
Data File : FD048553.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 04:16
Operator : YP/AJ
Sample : P4460-03
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WB-303-BOT

Integration File: autoint1.e
Quant Time: Oct 23 05:09:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

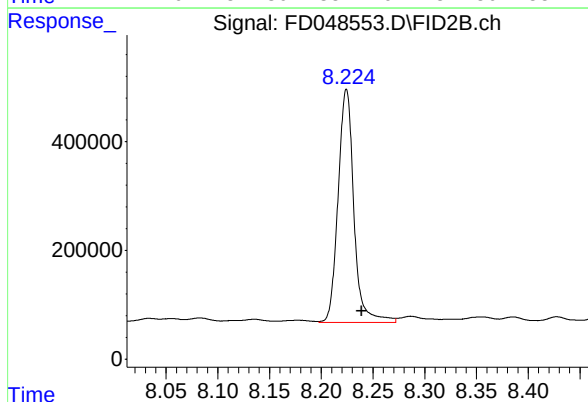




#4 2-Bromonaphthalene (SURR)

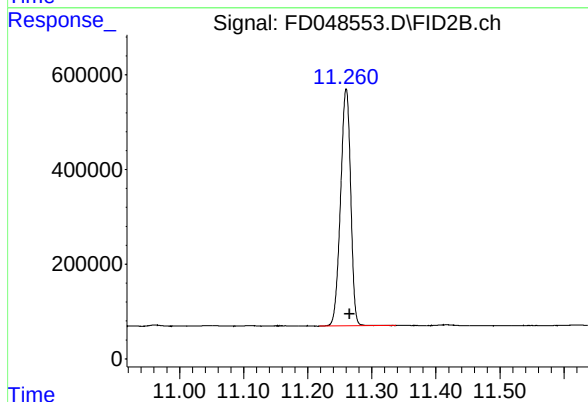
R.T.: 7.375 min
Delta R.T.: -0.009 min
Response: 7189130
Conc: 43.42 ug/ml

Instrument :
FID_D
ClientSampleId :
WB-303-BOT



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: -0.015 min
Response: 4564356
Conc: 44.01 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.260 min
Delta R.T.: -0.006 min
Response: 5458641
Conc: 29.67 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048553.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 04:16
 Sample : P4460-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.166	4.152	4.187	PH	4284	37178	0.53%	0.055%
2	4.202	4.187	4.223	PV	3395	30583	0.44%	0.045%
3	4.234	4.223	4.249	VV	437	3985	0.06%	0.006%
4	4.275	4.249	4.290	PV	734	8172	0.12%	0.012%
5	4.306	4.290	4.317	VV	1644	15651	0.22%	0.023%
6	4.330	4.317	4.354	VV	3195	34068	0.49%	0.051%
7	4.360	4.354	4.368	VV	549	2795	0.04%	0.004%
8	4.385	4.368	4.400	VV	2747	26119	0.37%	0.039%
9	4.415	4.400	4.445	VV	4414	41946	0.60%	0.062%
10	4.485	4.445	4.495	PV	836	11779	0.17%	0.018%
11	4.510	4.495	4.520	VV	2536	23206	0.33%	0.035%
12	4.535	4.520	4.554	VV	9005	87257	1.24%	0.130%
13	4.573	4.554	4.591	VV	7714	89836	1.28%	0.134%
14	4.607	4.591	4.643	VV	18117	182090	2.59%	0.271%
15	4.650	4.643	4.656	VV	247	1174	0.02%	0.002%
16	4.681	4.656	4.700	PV	6649	63337	0.90%	0.094%
17	4.710	4.700	4.740	VV	1077	11489	0.16%	0.017%
18	4.765	4.740	4.771	VV	2434	21240	0.30%	0.032%
19	4.790	4.771	4.797	VV	37270	321896	4.58%	0.479%
20	4.803	4.797	4.824	VV	37122	324441	4.62%	0.483%
21	4.839	4.824	4.847	VV	5655	54667	0.78%	0.081%
22	4.865	4.847	4.888	VV	76346	692084	9.85%	1.029%
23	4.895	4.888	4.905	VV	2090	16535	0.24%	0.025%
24	4.918	4.905	4.947	VV	5062	48361	0.69%	0.072%
25	4.956	4.947	4.964	VV	325	2559	0.04%	0.004%
26	4.978	4.964	5.000	VV	971	10753	0.15%	0.016%
27	5.016	5.000	5.031	VV	2152	21548	0.31%	0.032%
28	5.054	5.031	5.068	VV	45710	414247	5.90%	0.616%
29	5.075	5.068	5.097	VV	14032	120425	1.71%	0.179%
30	5.114	5.097	5.123	VV	4810	42800	0.61%	0.064%
31	5.132	5.123	5.159	VV	5062	48165	0.69%	0.072%
32	5.180	5.159	5.196	VV	132015	1271300	18.10%	1.891%
33	5.212	5.196	5.243	VV	205056	1916024	27.28%	2.850%
34	5.251	5.243	5.279	VV	2972	32095	0.46%	0.048%
35	5.294	5.279	5.308	VV	1977	22319	0.32%	0.033%
36	5.317	5.308	5.332	VV	990	10851	0.15%	0.016%

rteres								
37	5.362	5.332	5.380	VV	87103	805859	11.47%	1.199%
38	5.394	5.380	5.416	VV	32437	307548	4.38%	0.457%
39	5.454	5.416	5.469	VV	170219	1622618	23.10%	2.413%
40	5.480	5.469	5.494	VV	75903	742028	10.56%	1.104%
41	5.507	5.494	5.529	VV	87425	810564	11.54%	1.206%
42	5.549	5.529	5.568	VV	50017	481541	6.86%	0.716%
43	5.584	5.568	5.590	VV	17218	153588	2.19%	0.228%
44	5.598	5.590	5.613	VV	19517	192662	2.74%	0.287%
45	5.632	5.613	5.653	VV	57404	678269	9.66%	1.009%
46	5.670	5.653	5.678	VV	37032	364718	5.19%	0.542%
47	5.687	5.678	5.702	VV	36392	372527	5.30%	0.554%
48	5.716	5.702	5.735	VV	46848	452497	6.44%	0.673%
49	5.754	5.735	5.799	VV	57643	666312	9.49%	0.991%
50	5.821	5.799	5.836	VV	8206	103642	1.48%	0.154%
51	5.853	5.836	5.860	VV	8397	85293	1.21%	0.127%
52	5.874	5.860	5.899	VV	11273	186899	2.66%	0.278%
53	5.913	5.899	5.926	VV	7932	88770	1.26%	0.132%
54	5.936	5.926	5.945	VV	4591	44809	0.64%	0.067%
55	5.977	5.945	6.019	VV	34948	586520	8.35%	0.872%
56	6.035	6.019	6.056	VV	4050	73349	1.04%	0.109%
57	6.076	6.056	6.100	VV	16668	201028	2.86%	0.299%
58	6.123	6.100	6.136	VV	2949	53605	0.76%	0.080%
59	6.160	6.136	6.207	VV	60316	660137	9.40%	0.982%
60	6.245	6.207	6.256	VV	5434	105352	1.50%	0.157%
61	6.273	6.256	6.285	VV	8047	107893	1.54%	0.160%
62	6.307	6.285	6.327	VV	23401	308804	4.40%	0.459%
63	6.341	6.327	6.361	VV	5504	95262	1.36%	0.142%
64	6.377	6.361	6.394	VV	7662	102326	1.46%	0.152%
65	6.402	6.394	6.412	VV	4034	41743	0.59%	0.062%
66	6.429	6.412	6.450	VV	10965	154038	2.19%	0.229%
67	6.470	6.450	6.499	VV	12652	214547	3.05%	0.319%
68	6.506	6.499	6.520	VV	5421	60913	0.87%	0.091%
69	6.541	6.520	6.573	VV	8876	180208	2.57%	0.268%
70	6.596	6.573	6.609	VV	6963	115553	1.65%	0.172%
71	6.616	6.609	6.627	VV	5748	58583	0.83%	0.087%
72	6.655	6.627	6.663	VV	17695	232652	3.31%	0.346%
73	6.671	6.663	6.689	VV	17968	195893	2.79%	0.291%
74	6.715	6.689	6.738	VV	22932	361683	5.15%	0.538%
75	6.759	6.738	6.797	VV	30598	526699	7.50%	0.783%
76	6.814	6.797	6.832	VV	21504	248212	3.53%	0.369%
77	6.856	6.832	6.875	VV	26729	343740	4.89%	0.511%
78	6.880	6.875	6.885	VV	7033	39753	0.57%	0.059%
79	6.901	6.885	6.924	VV	11793	220748	3.14%	0.328%
80	6.946	6.924	6.966	VV	12325	234581	3.34%	0.349%
81	6.977	6.966	6.983	VV	6340	59289	0.84%	0.088%
82	7.011	6.983	7.025	VV	11578	213554	3.04%	0.318%
83	7.036	7.025	7.052	VV	7887	113199	1.61%	0.168%
84	7.077	7.052	7.100	VV	144691	1520663	21.65%	2.262%
85	7.117	7.100	7.124	VV	6752	86201	1.23%	0.128%
86	7.126	7.124	7.147	VV	6883	80351	1.14%	0.120%
87	7.182	7.147	7.187	VV	8285	162597	2.32%	0.242%
88	7.198	7.187	7.222	VV	9852	177191	2.52%	0.264%
89	7.246	7.222	7.275	VV	16763	314837	4.48%	0.468%

rteres								
90	7.288	7.275	7.307	VV	6886	97298	1.39%	0.145%
91	7.334	7.307	7.350	VV	10549	166419	2.37%	0.248%
92	7.375	7.350	7.399	VV	721740	7023609	100.00%	10.446%
93	7.403	7.399	7.421	VV	18750	184933	2.63%	0.275%
94	7.434	7.421	7.467	VV	10731	196092	2.79%	0.292%
95	7.489	7.467	7.508	VV	10743	182611	2.60%	0.272%
96	7.528	7.508	7.542	VV	19066	257612	3.67%	0.383%
97	7.553	7.542	7.572	VV	15008	183343	2.61%	0.273%
98	7.594	7.572	7.612	VV	17510	247975	3.53%	0.369%
99	7.639	7.612	7.662	VV	24720	361478	5.15%	0.538%
100	7.666	7.662	7.674	VV	5662	41019	0.58%	0.061%
101	7.694	7.674	7.715	VV	17561	232085	3.30%	0.345%
102	7.729	7.715	7.742	VV	5573	78230	1.11%	0.116%
103	7.763	7.742	7.784	VV	26062	320586	4.56%	0.477%
104	7.798	7.784	7.827	VV	6305	123128	1.75%	0.183%
105	7.846	7.827	7.864	VV	8766	132553	1.89%	0.197%
106	7.904	7.864	7.916	VV	6462	171486	2.44%	0.255%
107	7.941	7.916	7.972	VV	117495	1316367	18.74%	1.958%
108	7.988	7.972	8.012	VV	9126	151927	2.16%	0.226%
109	8.034	8.012	8.044	VV	8237	117682	1.68%	0.175%
110	8.055	8.044	8.068	VV	7790	101219	1.44%	0.151%
111	8.082	8.068	8.103	VV	9067	139167	1.98%	0.207%
112	8.135	8.103	8.156	VV	6526	145458	2.07%	0.216%
113	8.177	8.156	8.196	VV	4727	90973	1.30%	0.135%
114	8.224	8.196	8.274	VV	429333	4597928	65.46%	6.838%
115	8.287	8.274	8.317	VV	12098	228261	3.25%	0.339%
116	8.327	8.317	8.333	VV	6691	61400	0.87%	0.091%
117	8.353	8.333	8.372	VV	10561	206681	2.94%	0.307%
118	8.386	8.372	8.408	VV	10942	165443	2.36%	0.246%
119	8.428	8.408	8.452	VV	11070	182172	2.59%	0.271%
120	8.473	8.452	8.505	VV	28825	388482	5.53%	0.578%
121	8.525	8.505	8.572	VV	10289	193185	2.75%	0.287%
122	8.590	8.572	8.606	VV	3850	62675	0.89%	0.093%
123	8.618	8.606	8.633	VV	4092	55548	0.79%	0.083%
124	8.659	8.633	8.681	VV	71571	746474	10.63%	1.110%
125	8.692	8.681	8.707	VV	5846	79174	1.13%	0.118%
126	8.721	8.707	8.733	VV	4674	69076	0.98%	0.103%
127	8.757	8.733	8.804	VV	64585	797921	11.36%	1.187%
128	8.808	8.804	8.816	VV	2524	17638	0.25%	0.026%
129	8.840	8.816	8.860	VV	5479	94459	1.34%	0.140%
130	8.877	8.860	8.882	VV	3017	34074	0.49%	0.051%
131	8.893	8.882	8.924	VV	3388	50085	0.71%	0.074%
132	8.942	8.924	8.960	VV	1908	31126	0.44%	0.046%
133	8.990	8.960	9.005	VV	2135	46310	0.66%	0.069%
134	9.035	9.005	9.047	VV	2464	43410	0.62%	0.065%
135	9.055	9.047	9.095	VV	2010	39942	0.57%	0.059%
136	9.124	9.095	9.160	VV	7388	155958	2.22%	0.232%
137	9.173	9.160	9.188	VV	3420	42788	0.61%	0.064%
138	9.213	9.188	9.235	VV	4313	72442	1.03%	0.108%
139	9.258	9.235	9.277	VV	5673	73790	1.05%	0.110%
140	9.290	9.277	9.295	VV	2008	19055	0.27%	0.028%
141	9.310	9.295	9.335	VV	3877	50555	0.72%	0.075%

					rterres			
142	9.358	9.335	9.365	VV	1658	21560	0.31%	0.032%
143	9.386	9.365	9.439	VV	35061	486306	6.92%	0.723%
144	9.448	9.439	9.461	VV	2204	25336	0.36%	0.038%
145	9.480	9.461	9.504	VV	2619	48892	0.70%	0.073%
146	9.530	9.504	9.557	VV	24795	277185	3.95%	0.412%
147	9.603	9.557	9.668	VV	1849	63932	0.91%	0.095%
148	9.698	9.668	9.725	VV	783	13990	0.20%	0.021%
149	9.747	9.725	9.752	PV	515	4842	0.07%	0.007%
150	9.756	9.752	9.784	VV	513	6495	0.09%	0.010%
151	9.799	9.784	9.823	VV	612	9719	0.14%	0.014%
152	9.847	9.823	9.852	VV	861	11610	0.17%	0.017%
153	9.875	9.852	9.887	VV	1635	23910	0.34%	0.036%
154	9.915	9.887	9.937	VV	3734	71418	1.02%	0.106%
155	9.965	9.937	9.980	VV	1762	31340	0.45%	0.047%
156	10.005	9.980	10.019	VV	1722	26797	0.38%	0.040%
157	10.033	10.019	10.046	VV	1666	19682	0.28%	0.029%
158	10.057	10.046	10.093	VV	1435	19193	0.27%	0.029%
159	10.121	10.093	10.133	VV	1066	15480	0.22%	0.023%
160	10.150	10.133	10.175	VV	1282	24519	0.35%	0.036%
161	10.207	10.175	10.229	VV	1071	25823	0.37%	0.038%
162	10.263	10.229	10.297	VV	6378	98139	1.40%	0.146%
163	10.301	10.297	10.305	VV	1126	5232	0.07%	0.008%
164	10.337	10.305	10.365	VV	2519	60293	0.86%	0.090%
165	10.388	10.365	10.419	VV	2813	52457	0.75%	0.078%
166	10.438	10.419	10.445	VV	1120	13566	0.19%	0.020%
167	10.449	10.445	10.459	VV	1094	8096	0.12%	0.012%
168	10.478	10.459	10.499	VV	1328	25822	0.37%	0.038%
169	10.507	10.499	10.512	VV	986	6366	0.09%	0.009%
170	10.531	10.512	10.552	VV	1283	25352	0.36%	0.038%
171	10.590	10.552	10.612	VV	1700	53403	0.76%	0.079%
172	10.619	10.612	10.625	VV	1345	9326	0.13%	0.014%
173	10.656	10.625	10.663	VV	1671	32341	0.46%	0.048%
174	10.680	10.663	10.702	VV	1890	34574	0.49%	0.051%
175	10.716	10.702	10.737	VV	1482	24768	0.35%	0.037%
176	10.754	10.737	10.794	VV	1391	42259	0.60%	0.063%
177	10.809	10.794	10.829	VV	1355	25980	0.37%	0.039%
178	10.851	10.829	10.857	VV	1298	20870	0.30%	0.031%
179	10.892	10.857	10.912	VV	2294	57570	0.82%	0.086%
180	10.925	10.912	10.942	VV	1780	29330	0.42%	0.044%
181	10.962	10.942	10.986	VV	3950	65746	0.94%	0.098%
182	10.992	10.986	11.012	VV	1799	26298	0.37%	0.039%
183	11.052	11.012	11.086	VV	2783	89767	1.28%	0.134%
184	11.114	11.086	11.130	VV	2411	51004	0.73%	0.076%
185	11.151	11.130	11.162	VV	2129	34717	0.49%	0.052%
186	11.165	11.162	11.181	VV	2148	21529	0.31%	0.032%
187	11.199	11.181	11.216	VV	2054	36786	0.52%	0.055%
188	11.260	11.216	11.301	VV	503197	5548203	78.99%	8.252%
189	11.309	11.301	11.319	VV	3109	30681	0.44%	0.046%
190	11.323	11.319	11.336	VV	2939	29561	0.42%	0.044%
191	11.349	11.336	11.364	VV	3171	47730	0.68%	0.071%
192	11.369	11.364	11.379	VV	2707	24183	0.34%	0.036%
193	11.416	11.379	11.451	VV	4209	132047	1.88%	0.196%
194	11.462	11.451	11.469	VV	2322	23020	0.33%	0.034%

					rteres			
195	11.474	11.469	11.490	VV	2233	27362	0.39%	0.041%
196	11.500	11.490	11.514	VV	2395	32097	0.46%	0.048%
197	11.550	11.514	11.573	VV	2725	86528	1.23%	0.129%
198	11.621	11.573	11.656	VV	3869	146689	2.09%	0.218%
199	11.680	11.656	11.702	VV	8225	133627	1.90%	0.199%
200	11.709	11.702	11.732	VV	3321	51689	0.74%	0.077%
201	11.759	11.732	11.774	VV	2800	63054	0.90%	0.094%
202	11.777	11.774	11.803	VV	2561	42954	0.61%	0.064%
203	11.814	11.803	11.822	VV	2815	29370	0.42%	0.044%
204	11.842	11.822	11.855	VV	3496	62096	0.88%	0.092%
205	11.874	11.855	11.974	VV	23514	453511	6.46%	0.674%
206	11.994	11.974	11.999	VV	2942	42486	0.60%	0.063%
207	12.031	11.999	12.060	VV	3069	102668	1.46%	0.153%
208	12.101	12.060	12.110	VV	3607	91983	1.31%	0.137%
209	12.129	12.110	12.157	VV	6366	115440	1.64%	0.172%
210	12.166	12.157	12.183	VV	3073	44193	0.63%	0.066%
211	12.203	12.183	12.235	VV	3498	92043	1.31%	0.137%
212	12.261	12.235	12.294	VV	4487	114171	1.63%	0.170%
213	12.319	12.294	12.345	VV	4838	114626	1.63%	0.170%
214	12.350	12.345	12.359	VV	3186	25817	0.37%	0.038%
215	12.364	12.359	12.367	VV	3035	13942	0.20%	0.021%
216	12.370	12.367	12.375	VV	3046	14773	0.21%	0.022%
217	12.377	12.375	12.395	VV	3101	33330	0.47%	0.050%
218	12.402	12.395	12.422	VV	2898	44806	0.64%	0.067%
219	12.430	12.422	12.445	VV	2846	36801	0.52%	0.055%
220	12.452	12.445	12.457	VV	2970	20658	0.29%	0.031%
221	12.466	12.457	12.481	VV	3014	40752	0.58%	0.061%
222	12.490	12.481	12.500	VV	3129	34030	0.48%	0.051%
223	12.542	12.500	12.562	VV	3775	125366	1.78%	0.186%
224	12.585	12.562	12.600	VV	3937	83544	1.19%	0.124%
225	12.631	12.600	12.641	VV	4479	97099	1.38%	0.144%
226	12.661	12.641	12.667	VV	4740	66254	0.94%	0.099%
227	12.699	12.667	12.732	VV	121327	1500203	21.36%	2.231%
228	12.762	12.732	12.767	VV	5344	103520	1.47%	0.154%
229	12.771	12.767	12.797	VV	5337	89729	1.28%	0.133%
230	12.828	12.797	12.844	VV	5399	142822	2.03%	0.212%
231	12.877	12.844	12.898	VV	6089	179597	2.56%	0.267%
232	12.924	12.898	12.951	VV	10248	233120	3.32%	0.347%
233	12.958	12.951	12.965	VV	5718	49451	0.70%	0.074%
234	12.979	12.965	12.983	VV	6241	63971	0.91%	0.095%
235	12.990	12.983	12.996	VV	6252	46773	0.67%	0.070%
236	13.003	12.996	13.028	VV	6343	114227	1.63%	0.170%
237	13.066	13.028	13.076	VV	6436	174948	2.49%	0.260%
238	13.099	13.076	13.137	VV	12691	320098	4.56%	0.476%
239	13.142	13.137	13.151	VV	7306	58870	0.84%	0.088%
240	13.161	13.151	13.190	VV	7272	162462	2.31%	0.242%
241	13.216	13.190	13.229	VV	6735	152483	2.17%	0.227%
242	13.238	13.229	13.242	VV	6500	50634	0.72%	0.075%
243	13.253	13.242	13.263	VV	6623	81502	1.16%	0.121%
244	13.282	13.263	13.291	VV	7004	114803	1.63%	0.171%
245	13.300	13.291	13.308	VV	7136	70925	1.01%	0.105%
246	13.325	13.308	13.343	VV	7600	153594	2.19%	0.228%

					rteres			
247	13.348	13.343	13.372	VV	7023	118800	1.69%	0.177%
248	13.402	13.372	13.424	VV	7673	223400	3.18%	0.332%
249	13.426	13.424	13.434	VV	7250	42934	0.61%	0.064%
250	13.454	13.434	13.488	VV	8433	238810	3.40%	0.355%
251	13.499	13.488	13.514	VV	7188	108409	1.54%	0.161%
252	13.546	13.514	13.565	VV	7309	207577	2.96%	0.309%
253	13.582	13.565	13.614	VV	7126	197536	2.81%	0.294%
254	13.632	13.614	13.665	VV	7190	204629	2.91%	0.304%
255	13.684	13.665	13.699	VV	6947	136378	1.94%	0.203%
256	13.703	13.699	13.709	VV	6651	39606	0.56%	0.059%
257	13.711	13.709	13.719	VV	6598	36407	0.52%	0.054%
258	13.740	13.719	13.747	VV	6468	107757	1.53%	0.160%
259	13.763	13.747	13.776	VV	6560	112840	1.61%	0.168%
260	13.785	13.776	13.800	VV	6325	89802	1.28%	0.134%
261	13.804	13.800	13.809	VV	6352	31539	0.45%	0.047%
262	13.836	13.809	13.857	VV	6717	186907	2.66%	0.278%
263	13.884	13.857	13.914	VV	7282	227930	3.25%	0.339%
264	13.929	13.914	13.964	VV	7070	197350	2.81%	0.294%
265	13.973	13.964	13.989	VV	6275	92140	1.31%	0.137%
266	14.014	13.989	14.029	VV	6607	147065	2.09%	0.219%
267	14.039	14.029	14.054	VV	6424	94273	1.34%	0.140%
268	14.064	14.054	14.085	VV	6743	117360	1.67%	0.175%
269	14.099	14.085	14.125	VV	6365	139228	1.98%	0.207%
270	14.136	14.125	14.144	VV	6168	68929	0.98%	0.103%
271	14.153	14.144	14.174	VV	6143	105937	1.51%	0.158%
272	14.184	14.174	14.195	VV	5741	71628	1.02%	0.107%
273	14.211	14.195	14.225	VV	6036	103188	1.47%	0.153%
274	14.237	14.225	14.243	VV	6066	63305	0.90%	0.094%
275	14.247	14.243	14.281	VV	5733	128297	1.83%	0.191%
276	14.288	14.281	14.297	VV	5675	52025	0.74%	0.077%
277	14.301	14.297	14.305	VV	5571	27727	0.39%	0.041%
278	14.312	14.305	14.347	VV	5775	137823	1.96%	0.205%
279	14.361	14.347	14.376	VV	5532	93573	1.33%	0.139%
280	14.389	14.376	14.417	VV	5324	125873	1.79%	0.187%
281	14.422	14.417	14.436	VV	5278	58908	0.84%	0.088%
282	14.441	14.436	14.465	VV	5180	87065	1.24%	0.129%
283	14.474	14.465	14.485	VV	5096	58386	0.83%	0.087%
284	14.507	14.485	14.524	VV	5816	120251	1.71%	0.179%
285	14.550	14.524	14.576	VV	6529	171391	2.44%	0.255%
286	14.593	14.576	14.638	VV	5431	177385	2.53%	0.264%
287	14.650	14.638	14.697	VV	4613	151641	2.16%	0.226%
288	14.719	14.697	14.732	VV	4305	88703	1.26%	0.132%
289	14.739	14.732	14.778	VV	4438	114619	1.63%	0.170%
290	14.788	14.778	14.800	VV	4201	52586	0.75%	0.078%
291	14.804	14.800	14.812	VV	4118	27026	0.38%	0.040%
292	14.817	14.812	14.827	VV	3959	35083	0.50%	0.052%
293	14.836	14.827	14.864	VV	3990	85384	1.22%	0.127%
294	14.870	14.864	14.879	VV	3807	33383	0.48%	0.050%
295	14.923	14.879	15.021	VV	21645	636818	9.07%	0.947%
296	15.031	15.021	15.050	VV	4273	71208	1.01%	0.106%
297	15.073	15.050	15.102	VV	5945	146715	2.09%	0.218%
298	15.113	15.102	15.150	VV	4118	107327	1.53%	0.160%
299	15.156	15.150	15.178	VV	3711	56724	0.81%	0.084%

					rteres			
300	15.199	15.178	15.213	VV	3557	73235	1.04%	0.109%
301	15.219	15.213	15.229	VV	3465	31149	0.44%	0.046%
302	15.247	15.229	15.252	VV	3781	48003	0.68%	0.071%
303	15.261	15.252	15.335	VV	3965	171496	2.44%	0.255%
304	15.341	15.335	15.350	VV	3330	28748	0.41%	0.043%
305	15.362	15.350	15.365	VV	3280	27986	0.40%	0.042%
306	15.382	15.365	15.387	VV	3593	45423	0.65%	0.068%
307	15.408	15.387	15.417	VV	3568	61332	0.87%	0.091%
308	15.436	15.417	15.479	VV	3635	123913	1.76%	0.184%
309	15.495	15.479	15.505	VV	3015	44479	0.63%	0.066%
310	15.524	15.505	15.542	VV	3414	69961	1.00%	0.104%
311	15.563	15.542	15.590	VV	4633	106210	1.51%	0.158%
312	15.609	15.590	15.639	VV	3616	89162	1.27%	0.133%
313	15.643	15.639	15.657	VV	2664	26335	0.37%	0.039%
314	15.664	15.657	15.687	VV	2607	45125	0.64%	0.067%
315	15.694	15.687	15.707	VV	2564	28512	0.41%	0.042%
316	15.731	15.707	15.762	VV	3045	88423	1.26%	0.132%
317	15.772	15.762	15.782	VV	2525	29379	0.42%	0.044%
318	15.792	15.782	15.802	VV	2543	30076	0.43%	0.045%
319	15.807	15.802	15.810	VV	2421	11375	0.16%	0.017%
320	15.820	15.810	15.833	VV	2655	34096	0.49%	0.051%
321	15.848	15.833	15.855	VV	2621	31986	0.46%	0.048%
322	15.859	15.855	15.888	VV	2591	48927	0.70%	0.073%
323	15.908	15.888	15.916	VV	2789	42508	0.61%	0.063%
324	15.937	15.916	15.967	VV	3741	93958	1.34%	0.140%
325	15.972	15.967	15.997	VV	2783	44588	0.63%	0.066%
326	16.000	15.997	16.015	VV	2310	24624	0.35%	0.037%
327	16.027	16.015	16.030	VV	2425	20681	0.29%	0.031%
328	16.041	16.030	16.066	VV	3013	54798	0.78%	0.081%
329	16.070	16.066	16.085	VV	2325	26377	0.38%	0.039%
330	16.089	16.085	16.095	VV	2382	12633	0.18%	0.019%
331	16.119	16.095	16.149	VV	4911	100046	1.42%	0.149%
332	16.163	16.149	16.169	VV	2023	23818	0.34%	0.035%
333	16.190	16.169	16.209	VV	2359	51001	0.73%	0.076%
334	16.218	16.209	16.227	VV	2394	25135	0.36%	0.037%
335	16.236	16.227	16.261	VV	2375	47304	0.67%	0.070%
336	16.281	16.261	16.302	VV	2327	52173	0.74%	0.078%
337	16.324	16.302	16.342	VV	2101	46948	0.67%	0.070%
338	16.354	16.342	16.359	VV	2071	20801	0.30%	0.031%
339	16.367	16.359	16.392	VV	2076	37612	0.54%	0.056%
340	16.407	16.392	16.412	VV	2147	25089	0.36%	0.037%
341	16.425	16.412	16.432	VV	2100	23999	0.34%	0.036%
342	16.437	16.432	16.447	VV	1968	16242	0.23%	0.024%
343	16.474	16.447	16.485	VV	2346	47340	0.67%	0.070%
344	16.508	16.485	16.531	VV	3674	75725	1.08%	0.113%
345	16.551	16.531	16.582	VV	3088	69179	0.98%	0.103%
346	16.587	16.582	16.598	VV	1600	14128	0.20%	0.021%
347	16.615	16.598	16.635	VV	1520	31262	0.45%	0.046%
348	16.668	16.635	16.697	VV	1541	50886	0.72%	0.076%
349	16.703	16.697	16.729	VV	1510	25168	0.36%	0.037%
350	16.733	16.729	16.763	VV	1222	23163	0.33%	0.034%
351	16.796	16.763	16.856	VV	1907	78157	1.11%	0.116%

					rteres			
352	16.874	16.856	16.911	VV	1924	46841	0.67%	0.070%
353	16.955	16.911	16.979	VV	3356	72054	1.03%	0.107%
354	16.983	16.979	17.005	VV	1127	15878	0.23%	0.024%
355	17.027	17.005	17.035	VV	1237	18395	0.26%	0.027%
356	17.041	17.035	17.049	VV	1023	7734	0.11%	0.012%
357	17.073	17.049	17.101	VV	1171	32365	0.46%	0.048%
358	17.105	17.101	17.117	VV	861	8153	0.12%	0.012%
359	17.121	17.117	17.130	VV	868	6187	0.09%	0.009%
360	17.135	17.130	17.142	VV	816	5153	0.07%	0.008%
361	17.159	17.142	17.164	VV	939	11264	0.16%	0.017%
362	17.179	17.164	17.198	VV	1189	21224	0.30%	0.032%
363	17.202	17.198	17.230	VV	1072	16941	0.24%	0.025%
364	17.248	17.230	17.255	VV	859	11139	0.16%	0.017%
365	17.262	17.255	17.269	VV	848	6079	0.09%	0.009%
366	17.284	17.269	17.297	VV	881	12673	0.18%	0.019%
367	17.353	17.297	17.365	VV	1340	41041	0.58%	0.061%
368	17.391	17.365	17.435	VV	3843	73035	1.04%	0.109%
369	17.439	17.435	17.444	VV	626	2904	0.04%	0.004%
370	17.474	17.444	17.517	VV	1820	44831	0.64%	0.067%
371	17.527	17.517	17.532	VV	775	6387	0.09%	0.009%
372	17.539	17.532	17.577	VV	962	16430	0.23%	0.024%
373	17.580	17.577	17.585	VV	526	2319	0.03%	0.003%
374	17.599	17.585	17.626	VV	770	12297	0.18%	0.018%
375	17.644	17.626	17.656	PV	546	5273	0.08%	0.008%
376	17.700	17.656	17.705	VV	657	14673	0.21%	0.022%
377	17.744	17.705	17.790	VV	8917	188464	2.68%	0.280%
378	17.812	17.790	17.842	VV	4433	75715	1.08%	0.113%
379	17.853	17.842	17.884	VV	857	15270	0.22%	0.023%
380	17.901	17.884	17.919	VV	494	8906	0.13%	0.013%
381	17.921	17.919	17.926	VV	443	1542	0.02%	0.002%
382	17.930	17.926	17.955	VV	309	4579	0.07%	0.007%
383	17.961	17.955	17.993	VV	376	5925	0.08%	0.009%
384	18.038	17.993	18.067	VV	2663	45804	0.65%	0.068%
385	18.071	18.067	18.089	VV	466	4152	0.06%	0.006%
386	18.098	18.089	18.122	VV	421	5484	0.08%	0.008%
387	18.127	18.122	18.142	VV	339	1627	0.02%	0.002%
388	18.178	18.142	18.194	PV	299	4782	0.07%	0.007%
Sum of corrected areas:					67238444			

Aromatic EPH 093024.M Wed Oct 23 07:59:24 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067501.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 12:09
 Operator : YP/AJ
 Sample : P4460-03DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WB-303-BOTDL

Integration File: autoint1.e
 Quant Time: Oct 24 04:08:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.934	922727	8.152 ug/ml
Spiked Amount	50.000	Recovery =	16.30%

Target Compounds

(f)=RT Delta > 1/2 Window

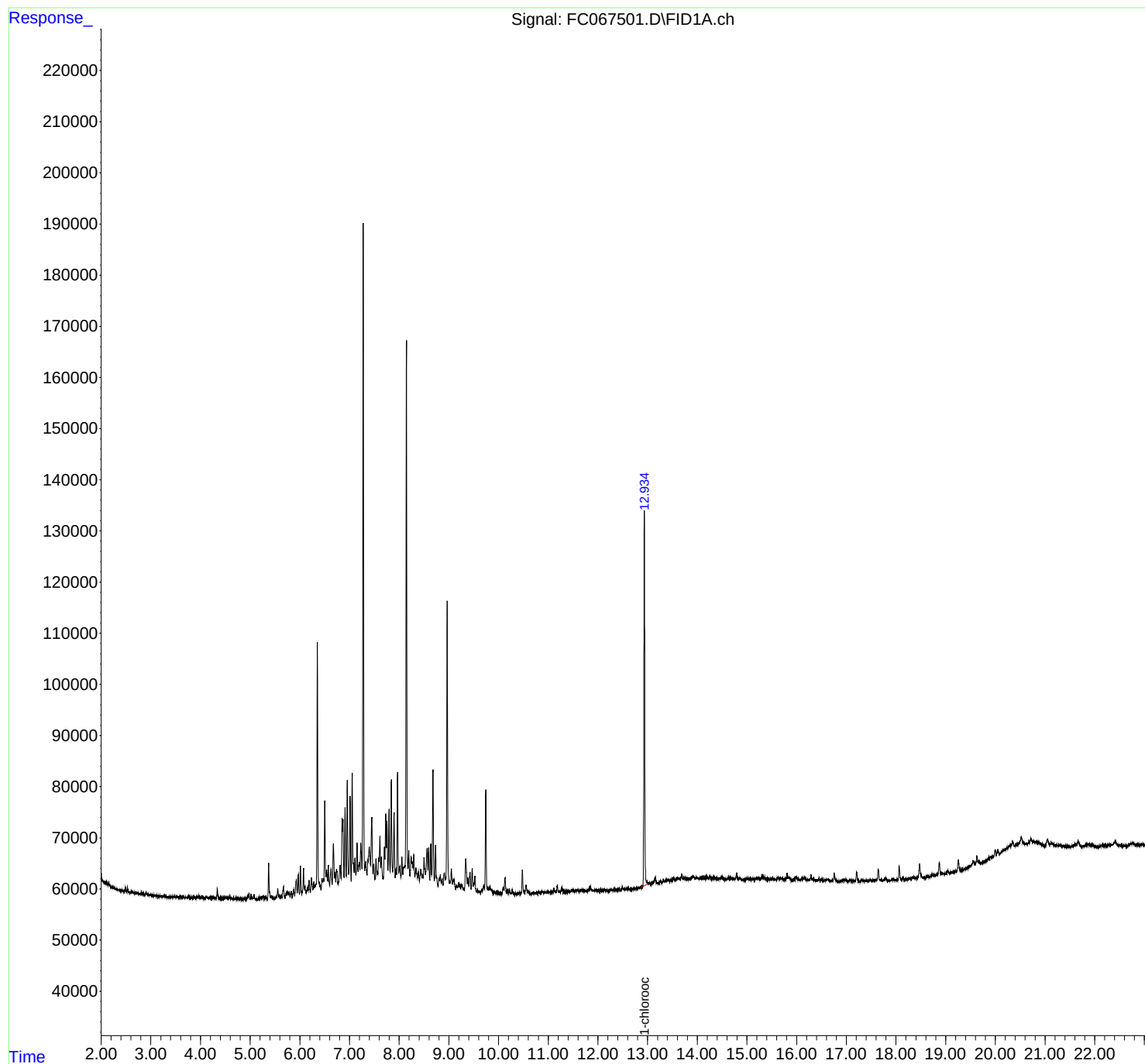
(m)=manual int.

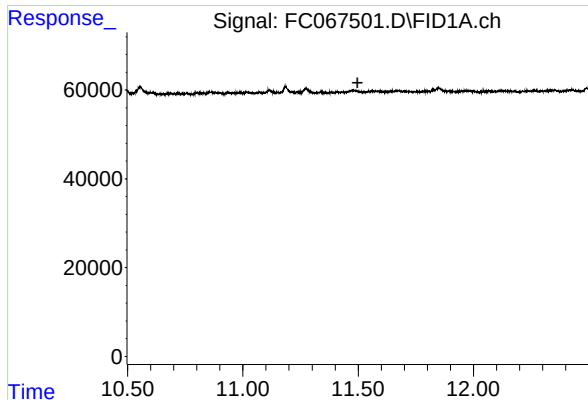
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067501.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 12:09
Operator : YP/AJ
Sample : P4460-03DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WB-303-BOTDL

Integration File: autoint1.e
Quant Time: Oct 24 04:08:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

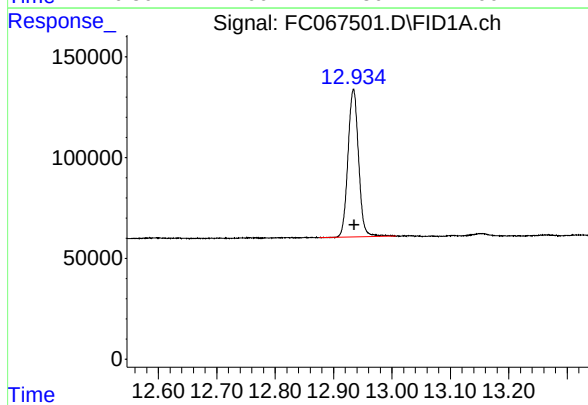




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
WB-303-BOTDL



#12 1-chlorooctadecane (SURR)

R.T.: 12.934 min
Delta R.T.: -0.002 min
Response: 922727
Conc: 8.15 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067501.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 12:09
 Sample : P4460-03DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.275	3.204	3.358	BV	208	5092	0.35%	0.023%
2	3.373	3.358	3.410	PV	148	2432	0.17%	0.011%
3	3.424	3.410	3.471	PV	159	3280	0.22%	0.015%
4	3.484	3.471	3.496	VV	184	1507	0.10%	0.007%
5	3.512	3.496	3.524	VV	127	1605	0.11%	0.007%
6	3.536	3.524	3.565	VV	245	3259	0.22%	0.015%
7	3.575	3.565	3.588	VV	105	1249	0.09%	0.006%
8	3.596	3.588	3.621	VV	177	1829	0.12%	0.008%
9	3.651	3.621	3.698	PV	232	5645	0.39%	0.026%
10	3.713	3.698	3.744	VV	152	2878	0.20%	0.013%
11	3.763	3.744	3.805	VV	212	4388	0.30%	0.020%
12	3.815	3.805	3.846	VV	91	1953	0.13%	0.009%
13	3.857	3.846	3.906	VV	187	3578	0.24%	0.016%
14	3.939	3.906	3.952	PV	380	5501	0.38%	0.025%
15	3.968	3.952	3.987	VV	535	5592	0.38%	0.026%
16	3.998	3.987	4.016	VV	208	2191	0.15%	0.010%
17	4.037	4.016	4.074	VV	480	6647	0.45%	0.031%
18	4.120	4.074	4.132	VV	371	6180	0.42%	0.028%
19	4.147	4.132	4.201	VV	235	5619	0.38%	0.026%
20	4.216	4.201	4.241	VV	316	4732	0.32%	0.022%
21	4.255	4.241	4.289	VV	186	3804	0.26%	0.018%
22	4.294	4.289	4.302	VV	174	924	0.06%	0.004%
23	4.309	4.302	4.314	VV	119	696	0.05%	0.003%
24	4.339	4.314	4.386	VV	2079	25585	1.75%	0.118%
25	4.394	4.386	4.404	VV	194	1750	0.12%	0.008%
26	4.415	4.404	4.426	VV	196	2035	0.14%	0.009%
27	4.441	4.426	4.482	VV	227	5770	0.39%	0.027%
28	4.504	4.482	4.524	VV	407	7084	0.48%	0.033%
29	4.536	4.524	4.548	VV	318	4035	0.28%	0.019%
30	4.562	4.548	4.577	VV	399	5333	0.36%	0.025%
31	4.592	4.577	4.609	VV	798	8303	0.57%	0.038%
32	4.620	4.609	4.632	VV	314	2868	0.20%	0.013%
33	4.646	4.632	4.692	VV	304	6356	0.43%	0.029%
34	4.712	4.692	4.729	VV	365	5221	0.36%	0.024%
35	4.752	4.729	4.772	VV	369	5119	0.35%	0.024%
36	4.808	4.772	4.844	VV	246	5791	0.40%	0.027%

					rterres			
37	4.860	4.844	4.878	VV	213	2846	0.19%	0.013%
38	4.894	4.878	4.921	VV	239	4039	0.28%	0.019%
39	4.946	4.921	4.957	PV	790	8237	0.56%	0.038%
40	4.975	4.957	5.001	VV	1255	16587	1.13%	0.076%
41	5.016	5.001	5.044	VV	1114	13763	0.94%	0.063%
42	5.054	5.044	5.061	VV	288	2553	0.17%	0.012%
43	5.078	5.061	5.120	VV	1025	12977	0.89%	0.060%
44	5.132	5.120	5.153	VV	126	1395	0.10%	0.006%
45	5.173	5.153	5.198	PV	470	6593	0.45%	0.030%
46	5.239	5.198	5.251	VV	658	11388	0.78%	0.052%
47	5.264	5.251	5.281	VV	640	7611	0.52%	0.035%
48	5.301	5.281	5.311	VV	398	5335	0.36%	0.025%
49	5.319	5.311	5.341	VV	367	4452	0.30%	0.021%
50	5.373	5.341	5.417	VV	7040	90399	6.17%	0.417%
51	5.430	5.417	5.455	VV	629	9692	0.66%	0.045%
52	5.464	5.455	5.481	VV	267	3149	0.21%	0.015%
53	5.522	5.481	5.533	VV	428	9472	0.65%	0.044%
54	5.556	5.533	5.576	VV	2081	29294	2.00%	0.135%
55	5.587	5.576	5.608	VV	943	11476	0.78%	0.053%
56	5.621	5.608	5.637	VV	767	10325	0.70%	0.048%
57	5.671	5.637	5.704	VV	2447	47032	3.21%	0.217%
58	5.722	5.704	5.730	VV	1121	11615	0.79%	0.054%
59	5.742	5.730	5.753	VV	1640	16973	1.16%	0.078%
60	5.763	5.753	5.775	VV	1368	15392	1.05%	0.071%
61	5.785	5.775	5.804	VV	1272	16732	1.14%	0.077%
62	5.827	5.804	5.851	VV	1549	26002	1.77%	0.120%
63	5.876	5.851	5.897	VV	1816	33386	2.28%	0.154%
64	5.930	5.897	5.949	VV	3792	71288	4.86%	0.329%
65	5.970	5.949	5.994	VV	4761	69065	4.71%	0.318%
66	6.013	5.994	6.041	VV	6463	86081	5.87%	0.397%
67	6.074	6.041	6.094	VV	5936	89813	6.13%	0.414%
68	6.104	6.094	6.124	VV	2208	33184	2.26%	0.153%
69	6.160	6.124	6.171	VV	2251	47990	3.27%	0.221%
70	6.188	6.171	6.213	VV	3636	59767	4.08%	0.275%
71	6.235	6.213	6.264	VV	4014	82795	5.65%	0.382%
72	6.283	6.264	6.298	VV	3245	52516	3.58%	0.242%
73	6.309	6.298	6.316	VV	2641	26465	1.81%	0.122%
74	6.354	6.316	6.402	VV	49647	620887	42.36%	2.862%
75	6.411	6.402	6.427	VV	2675	34262	2.34%	0.158%
76	6.446	6.427	6.462	VV	3806	65736	4.48%	0.303%
77	6.503	6.462	6.528	VV	18990	295441	20.16%	1.362%
78	6.540	6.528	6.558	VV	5562	83494	5.70%	0.385%
79	6.574	6.558	6.600	VV	6529	106867	7.29%	0.493%
80	6.629	6.600	6.651	VV	5624	126740	8.65%	0.584%
81	6.676	6.651	6.700	VV	10619	194828	13.29%	0.898%
82	6.710	6.700	6.723	VV	5053	58437	3.99%	0.269%
83	6.739	6.723	6.771	VV	5638	124818	8.52%	0.575%
84	6.812	6.771	6.829	VV	6440	157884	10.77%	0.728%
85	6.853	6.829	6.861	VV	15611	194735	13.29%	0.898%
86	6.869	6.861	6.891	VV	15076	184229	12.57%	0.849%
87	6.911	6.891	6.934	VV	17659	249700	17.04%	1.151%
88	6.955	6.934	6.984	VV	23065	336662	22.97%	1.552%
89	7.013	6.984	7.033	VV	19915	284064	19.38%	1.309%

rteres								
90	7.055	7.033	7.093	VV	24466	382487	26.10%	1.763%
91	7.110	7.093	7.129	VV	7854	130867	8.93%	0.603%
92	7.154	7.129	7.171	VV	10707	182301	12.44%	0.840%
93	7.197	7.171	7.210	VV	6847	143126	9.76%	0.660%
94	7.228	7.210	7.251	VV	10557	197950	13.51%	0.912%
95	7.277	7.251	7.305	VV	131231	1465709	100.00%	6.756%
96	7.325	7.305	7.352	VV	6938	166229	11.34%	0.766%
97	7.398	7.352	7.423	VV	9822	321461	21.93%	1.482%
98	7.448	7.423	7.475	VV	15397	310962	21.22%	1.433%
99	7.489	7.475	7.512	VV	6408	115292	7.87%	0.531%
100	7.534	7.512	7.554	VV	7498	138356	9.44%	0.638%
101	7.613	7.554	7.629	VV	11916	320825	21.89%	1.479%
102	7.641	7.629	7.678	VV	7872	164665	11.23%	0.759%
103	7.703	7.678	7.713	VV	9869	143515	9.79%	0.662%
104	7.730	7.713	7.743	VV	16310	219587	14.98%	1.012%
105	7.755	7.743	7.774	VV	14888	191923	13.09%	0.885%
106	7.797	7.774	7.818	VV	17079	257706	17.58%	1.188%
107	7.842	7.818	7.868	VV	22975	350166	23.89%	1.614%
108	7.898	7.868	7.921	VV	16524	275152	18.77%	1.268%
109	7.967	7.921	7.991	VV	24383	396616	27.06%	1.828%
110	8.011	7.991	8.036	VV	5908	137648	9.39%	0.634%
111	8.055	8.036	8.074	VV	7858	127700	8.71%	0.589%
112	8.146	8.074	8.176	VV	107912	1414664	96.52%	6.521%
113	8.194	8.176	8.218	VV	8967	159825	10.90%	0.737%
114	8.241	8.218	8.275	VV	7903	215401	14.70%	0.993%
115	8.294	8.275	8.316	VV	8152	155950	10.64%	0.719%
116	8.338	8.316	8.371	VV	5526	149486	10.20%	0.689%
117	8.389	8.371	8.407	VV	4839	88783	6.06%	0.409%
118	8.437	8.407	8.460	VV	5292	136189	9.29%	0.628%
119	8.472	8.460	8.482	VV	4154	50777	3.46%	0.234%
120	8.501	8.482	8.531	VV	7495	158993	10.85%	0.733%
121	8.562	8.531	8.579	VV	9273	201222	13.73%	0.927%
122	8.594	8.579	8.616	VV	9461	144735	9.87%	0.667%
123	8.636	8.616	8.654	VV	10147	146494	9.99%	0.675%
124	8.681	8.654	8.709	VV	24659	369964	25.24%	1.705%
125	8.733	8.709	8.781	VV	9867	203907	13.91%	0.940%
126	8.804	8.781	8.814	VV	3456	56258	3.84%	0.259%
127	8.828	8.814	8.847	VV	4122	68541	4.68%	0.316%
128	8.863	8.847	8.882	VV	3223	57143	3.90%	0.263%
129	8.908	8.882	8.928	VV	4504	98566	6.72%	0.454%
130	8.967	8.928	9.026	VV	56951	784605	53.53%	3.617%
131	9.051	9.026	9.073	VV	5266	100398	6.85%	0.463%
132	9.095	9.073	9.136	VV	3213	96123	6.56%	0.443%
133	9.156	9.136	9.178	VV	1946	43799	2.99%	0.202%
134	9.200	9.178	9.221	VV	2515	52601	3.59%	0.242%
135	9.226	9.221	9.236	VV	1818	15216	1.04%	0.070%
136	9.248	9.236	9.259	VV	2160	27453	1.87%	0.127%
137	9.264	9.259	9.311	VV	2010	47026	3.21%	0.217%
138	9.341	9.311	9.372	VV	7094	147974	10.10%	0.682%
139	9.384	9.372	9.401	VV	3439	49026	3.34%	0.226%
140	9.426	9.401	9.451	VV	4505	84801	5.79%	0.391%
141	9.471	9.451	9.491	VV	5251	77800	5.31%	0.359%

					rterres			
142	9.503	9.491	9.507	VV	2326	20350	1.39%	0.094%
143	9.524	9.507	9.556	VV	3804	61394	4.19%	0.283%
144	9.580	9.556	9.638	VV	951	36590	2.50%	0.169%
145	9.663	9.638	9.678	VV	1165	21433	1.46%	0.099%
146	9.701	9.678	9.718	VV	1834	34768	2.37%	0.160%
147	9.744	9.718	9.793	VV	20626	273886	18.69%	1.262%
148	9.819	9.793	9.891	VV	1588	62161	4.24%	0.287%
149	9.919	9.891	9.934	VV	592	11967	0.82%	0.055%
150	9.957	9.934	9.998	VV	625	16541	1.13%	0.076%
151	10.021	9.998	10.047	VV	545	10221	0.70%	0.047%
152	10.091	10.047	10.104	VV	1387	22481	1.53%	0.104%
153	10.132	10.104	10.159	VV	3265	59745	4.08%	0.275%
154	10.181	10.159	10.201	VV	1033	16399	1.12%	0.076%
155	10.221	10.201	10.248	VV	1126	16895	1.15%	0.078%
156	10.276	10.248	10.301	VV	1095	15136	1.03%	0.070%
157	10.313	10.301	10.330	VV	112	1262	0.09%	0.006%
158	10.343	10.330	10.357	VV	78	1231	0.08%	0.006%
159	10.379	10.357	10.391	PV	262	3386	0.23%	0.016%
160	10.412	10.391	10.440	VV	364	7071	0.48%	0.033%
161	10.482	10.440	10.518	VV	4832	66276	4.52%	0.305%
162	10.554	10.518	10.651	VV	1749	46184	3.15%	0.213%
163	10.684	10.651	10.708	VV	283	5413	0.37%	0.025%
164	10.724	10.708	10.745	VV	293	4534	0.31%	0.021%
165	10.758	10.745	10.781	VV	210	2718	0.19%	0.013%
166	10.805	10.781	10.839	PV	397	8724	0.60%	0.040%
167	10.860	10.839	10.921	VV	435	14787	1.01%	0.068%
168	10.936	10.921	10.952	VV	370	4550	0.31%	0.021%
169	10.987	10.952	11.001	VV	408	7472	0.51%	0.034%
170	11.016	11.001	11.048	VV	346	7374	0.50%	0.034%
171	11.071	11.048	11.082	VV	294	4778	0.33%	0.022%
172	11.114	11.082	11.164	VV	752	19341	1.32%	0.089%
173	11.184	11.164	11.227	VV	1604	25856	1.76%	0.119%
174	11.274	11.227	11.311	VV	1110	24607	1.68%	0.113%
175	11.340	11.311	11.366	VV	313	7160	0.49%	0.033%
176	11.384	11.366	11.397	VV	287	3698	0.25%	0.017%
177	11.409	11.397	11.448	VV	340	7350	0.50%	0.034%
178	11.484	11.448	11.525	VV	691	19606	1.34%	0.090%
179	11.575	11.525	11.625	VV	477	21210	1.45%	0.098%
180	11.674	11.625	11.754	VV	512	26657	1.82%	0.123%
181	11.793	11.754	11.814	VV	365	10196	0.70%	0.047%
182	11.850	11.814	11.944	VV	978	36122	2.46%	0.166%
183	11.979	11.944	12.026	VV	388	13522	0.92%	0.062%
184	12.068	12.026	12.088	VV	319	7404	0.51%	0.034%
185	12.095	12.088	12.101	VV	206	1586	0.11%	0.007%
186	12.135	12.101	12.146	VV	375	7328	0.50%	0.034%
187	12.153	12.146	12.158	VV	294	1646	0.11%	0.008%
188	12.164	12.158	12.193	VV	227	3260	0.22%	0.015%
189	12.235	12.193	12.245	VV	225	4441	0.30%	0.020%
190	12.264	12.245	12.294	VV	314	6249	0.43%	0.029%
191	12.350	12.294	12.388	VV	366	13772	0.94%	0.063%
192	12.428	12.388	12.468	VV	459	11845	0.81%	0.055%
193	12.491	12.468	12.551	VV	895	18663	1.27%	0.086%
194	12.597	12.551	12.625	VV	535	14651	1.00%	0.068%

					rteres			
195	12.635	12.625	12.658	VV	380	5749	0.39%	0.027%
196	12.673	12.658	12.684	VV	258	3672	0.25%	0.017%
197	12.704	12.684	12.722	VV	337	6404	0.44%	0.030%
198	12.824	12.722	12.844	VV	515	30286	2.07%	0.140%
199	12.852	12.844	12.881	VV	614	11655	0.80%	0.054%
200	12.934	12.881	13.015	VV	74215	996513	67.99%	4.593%
201	13.030	13.015	13.054	VV	1371	30099	2.05%	0.139%
202	13.068	13.054	13.086	VV	1248	21944	1.50%	0.101%
203	13.105	13.086	13.118	VV	1489	25213	1.72%	0.116%
204	13.153	13.118	13.226	VV	2419	103453	7.06%	0.477%
205	13.264	13.226	13.288	VV	1710	54473	3.72%	0.251%
206	13.323	13.288	13.340	VV	1688	48401	3.30%	0.223%
207	13.379	13.340	13.404	VV	1778	65804	4.49%	0.303%
208	13.421	13.404	13.454	VV	1835	50955	3.48%	0.235%
209	13.509	13.454	13.556	VV	2109	111273	7.59%	0.513%
210	13.608	13.556	13.648	VV	2121	107489	7.33%	0.495%
211	13.685	13.648	13.718	VV	2596	92055	6.28%	0.424%
212	13.735	13.718	13.788	VV	2143	82073	5.60%	0.378%
213	13.840	13.788	13.871	VV	2052	95417	6.51%	0.440%
214	13.901	13.871	13.921	VV	2341	64407	4.39%	0.297%
215	13.927	13.921	13.971	VV	2174	60904	4.16%	0.281%
216	13.985	13.971	14.038	VV	2063	78192	5.33%	0.360%
217	14.068	14.038	14.084	VV	2029	53646	3.66%	0.247%
218	14.098	14.084	14.118	VV	1921	38737	2.64%	0.179%
219	14.127	14.118	14.161	VV	2079	49988	3.41%	0.230%
220	14.189	14.161	14.225	VV	2404	76289	5.20%	0.352%
221	14.254	14.225	14.281	VV	2380	65954	4.50%	0.304%
222	14.308	14.281	14.335	VV	1963	59355	4.05%	0.274%
223	14.354	14.335	14.368	VV	1926	36120	2.46%	0.166%
224	14.380	14.368	14.397	VV	1929	31869	2.17%	0.147%
225	14.413	14.397	14.428	VV	1859	29842	2.04%	0.138%
226	14.461	14.428	14.471	VV	1757	43932	3.00%	0.202%
227	14.496	14.471	14.528	VV	2109	60840	4.15%	0.280%
228	14.532	14.528	14.561	VV	1708	31775	2.17%	0.146%
229	14.642	14.561	14.667	VV	1820	101038	6.89%	0.466%
230	14.694	14.667	14.753	VV	1827	82106	5.60%	0.378%
231	14.789	14.753	14.819	VV	2588	74088	5.05%	0.341%
232	14.842	14.819	14.858	VV	1667	36657	2.50%	0.169%
233	14.867	14.858	14.911	VV	1600	45167	3.08%	0.208%
234	14.920	14.911	14.944	VV	1431	26328	1.80%	0.121%
235	14.948	14.944	14.954	VV	1350	7689	0.52%	0.035%
236	14.986	14.954	15.013	VV	1686	49890	3.40%	0.230%
237	15.026	15.013	15.044	VV	1508	27514	1.88%	0.127%
238	15.050	15.044	15.079	VV	1419	28408	1.94%	0.131%
239	15.086	15.079	15.158	VV	1394	63346	4.32%	0.292%
240	15.221	15.158	15.280	VV	1638	104332	7.12%	0.481%
241	15.309	15.280	15.338	VV	2043	58770	4.01%	0.271%
242	15.358	15.338	15.371	VV	1658	29827	2.04%	0.137%
243	15.383	15.371	15.407	VV	1432	27297	1.86%	0.126%
244	15.428	15.407	15.458	VV	1448	37777	2.58%	0.174%
245	15.486	15.458	15.514	VV	1383	42018	2.87%	0.194%
246	15.523	15.514	15.549	VV	1361	25830	1.76%	0.119%

					rterres			
247	15.558	15.549	15.566	VV	1208	11830	0.81%	0.055%
248	15.622	15.566	15.647	VV	1418	60008	4.09%	0.277%
249	15.665	15.647	15.758	VV	1388	82079	5.60%	0.378%
250	15.808	15.758	15.894	VV	2223	106535	7.27%	0.491%
251	15.939	15.894	15.951	VV	958	29386	2.00%	0.135%
252	15.989	15.951	16.021	VV	1541	48744	3.33%	0.225%
253	16.031	16.021	16.065	VV	1020	24746	1.69%	0.114%
254	16.127	16.065	16.149	VV	1120	51162	3.49%	0.236%
255	16.166	16.149	16.231	VV	1292	47002	3.21%	0.217%
256	16.248	16.231	16.271	VV	874	19451	1.33%	0.090%
257	16.289	16.271	16.320	VV	1731	35170	2.40%	0.162%
258	16.335	16.320	16.357	VV	913	17946	1.22%	0.083%
259	16.367	16.357	16.427	VV	779	28697	1.96%	0.132%
260	16.449	16.427	16.484	VV	863	26137	1.78%	0.120%
261	16.493	16.484	16.537	VV	831	22419	1.53%	0.103%
262	16.548	16.537	16.574	VV	654	13324	0.91%	0.061%
263	16.618	16.574	16.694	VV	774	46022	3.14%	0.212%
264	16.756	16.694	16.838	VV	1965	59843	4.08%	0.276%
265	16.851	16.838	16.862	VV	382	4294	0.29%	0.020%
266	16.889	16.862	16.897	VV	497	8048	0.55%	0.037%
267	16.917	16.897	16.944	VV	445	11904	0.81%	0.055%
268	16.974	16.944	17.038	VV	591	24935	1.70%	0.115%
269	17.077	17.038	17.131	VV	628	20067	1.37%	0.092%
270	17.141	17.131	17.155	VV	381	4068	0.28%	0.019%
271	17.207	17.155	17.290	VV	1927	41897	2.86%	0.193%
272	17.321	17.290	17.384	VV	561	16847	1.15%	0.078%
273	17.401	17.384	17.435	VV	257	5637	0.38%	0.026%
274	17.488	17.435	17.524	VV	323	12440	0.85%	0.057%
275	17.537	17.524	17.564	VV	331	5835	0.40%	0.027%
276	17.573	17.564	17.588	VV	360	4132	0.28%	0.019%
277	17.642	17.588	17.713	VV	2408	51969	3.55%	0.240%
278	17.724	17.713	17.734	VV	183	1802	0.12%	0.008%
279	17.776	17.734	17.837	VV	563	17534	1.20%	0.081%
280	17.860	17.837	17.874	VV	235	2227	0.15%	0.010%
281	17.919	17.874	17.968	PV	380	11180	0.76%	0.052%
282	17.973	17.968	17.998	VV	170	2021	0.14%	0.009%
283	18.024	17.998	18.038	VV	222	3402	0.23%	0.016%
284	18.064	18.038	18.101	VV	2712	39791	2.71%	0.183%
285	18.143	18.101	18.179	VV	493	9560	0.65%	0.044%
286	18.189	18.179	18.195	PV	97	583	0.04%	0.003%
287	18.218	18.195	18.237	VV	156	2302	0.16%	0.011%
288	18.274	18.237	18.288	PV	231	3876	0.26%	0.018%
289	18.332	18.288	18.357	VV	406	11010	0.75%	0.051%
290	18.370	18.357	18.412	VV	316	6253	0.43%	0.029%

Sum of corrected areas: 21695128

Aliphatic EPH 100224.M Thu Oct 24 04:53:49 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
Data File : FC067520.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2024 13:25
Operator : YP/AJ
Sample : P4460-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WB-303-SW

Integration File: autoint1.e
Quant Time: Oct 25 01:20:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.936	4359112	40.367 ug/ml
Spiked Amount	50.000	Recovery	= 80.73%

Target Compounds

(f)=RT Delta > 1/2 Window

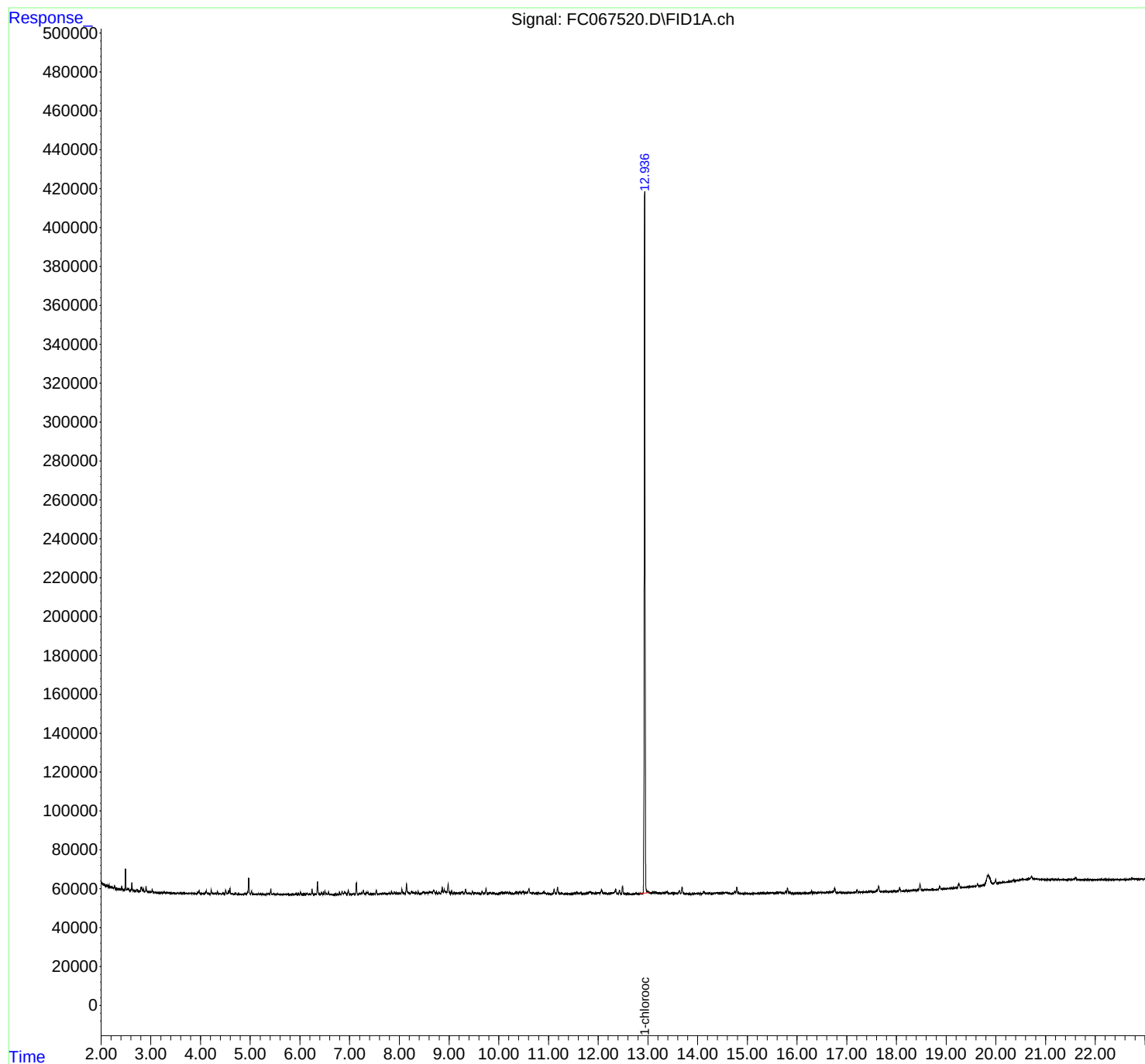
(m)=manual int.

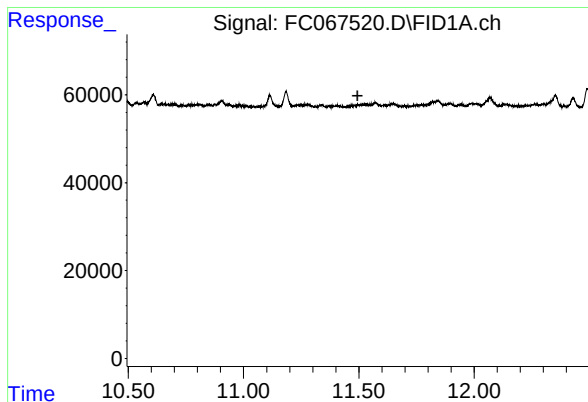
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
Data File : FC067520.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2024 13:25
Operator : YP/AJ
Sample : P4460-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WB-303-SW

Integration File: autoint1.e
Quant Time: Oct 25 01:20:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

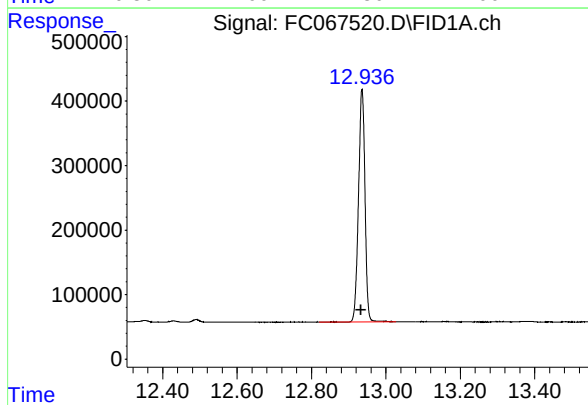




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.494 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
WB-303-SW



#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.003 min
Response: 4359112
Conc: 40.37 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
 Data File : FC067520.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2024 13:25
 Sample : P4460-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.970	4.847	5.004	BV	8395	104355	2.39%	2.048%
2	6.354	6.305	6.382	BB	6496	65214	1.50%	1.280%
3	7.136	7.100	7.162	BB	6093	65359	1.50%	1.283%
4	8.146	8.099	8.190	BB	4691	54508	1.25%	1.070%
5	8.982	8.940	9.030	BB	4409	62364	1.43%	1.224%
6	11.184	11.152	11.212	BB	3374	41870	0.96%	0.822%
7	12.490	12.469	12.534	BB	4085	53131	1.22%	1.043%
8	12.936	12.820	13.027	BB	360407	4359112	100.00%	85.548%
9	13.688	13.662	13.727	PB	3406	47154	1.08%	0.925%
10	19.840	19.742	19.950	BB	4930	242462	5.56%	4.758%

Sum of corrected areas: 5095528

Aliphatic EPH 102324.M Fri Oct 25 01:30:22 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048582.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 13:25
 Operator : YP/AJ
 Sample : P4460-06
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WB-303-SW

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Oct 25 01:32:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.374	8202625	54.043 ug/ml
Spiked Amount 50.000		Recovery =	108.09%
6) S 2-Fluorobiphenyl (SURR)	8.224	5535266	56.372 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.74%
11) S ortho-Terphenyl (SURR)	11.261	9002839	52.852 ug/ml
Spiked Amount 50.000		Recovery =	105.70%

Target Compounds

(f)=RT Delta > 1/2 Window

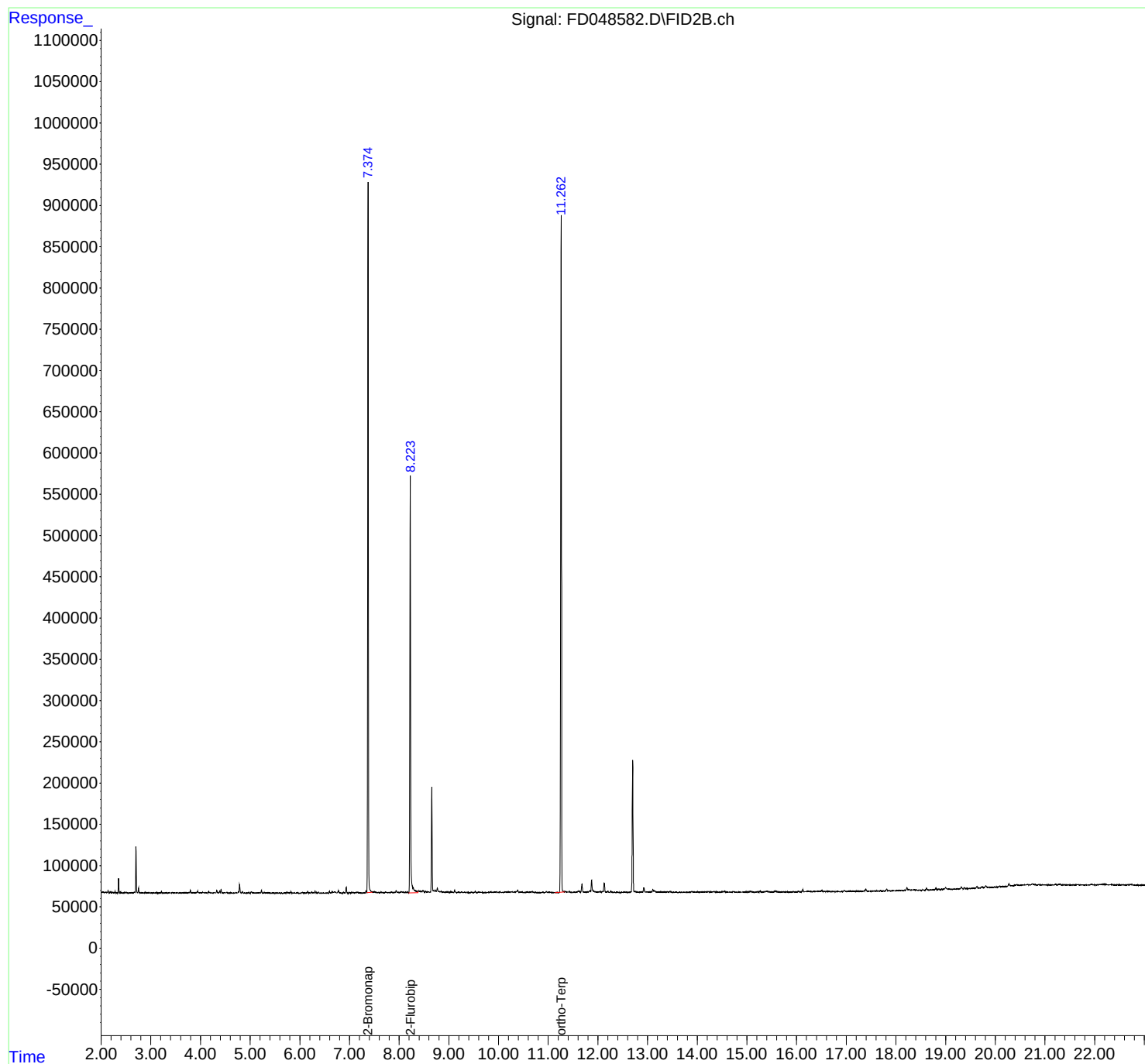
(m)=manual int.

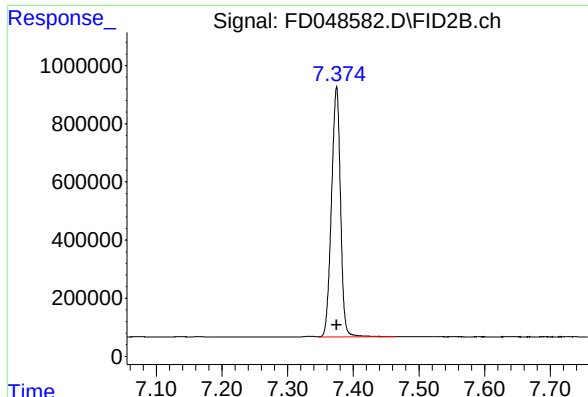
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
Data File : FD048582.D
Signal(s) : FID2B.ch
Acq On : 24 Oct 2024 13:25
Operator : YP/AJ
Sample : P4460-06
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WB-303-SW

Integration File: autoint1.e
Quant Time: Oct 25 01:32:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:14:59 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

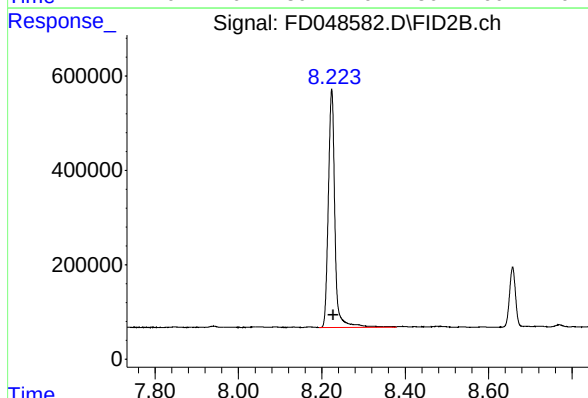




#4 2-Bromonaphthalene (SURR)

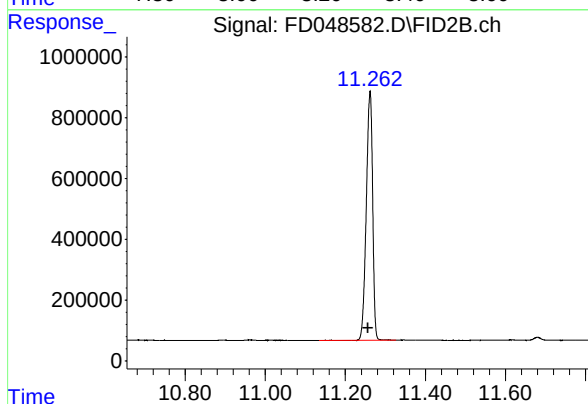
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 8202625
Conc: 54.04 ug/ml

Instrument :
FID_D
ClientSampleId :
WB-303-SW



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 5535266
Conc: 56.37 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: 0.004 min
Response: 9002839
Conc: 52.85 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048582.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 13:25
 Sample : P4460-06
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.329	4.301	4.364	BV	3378	36242	0.40%	0.135%
2	4.414	4.398	4.440	VV	4301	40953	0.45%	0.153%
3	4.788	4.745	4.821	BV	10187	118785	1.32%	0.443%
4	5.228	5.208	5.268	PV	3246	31394	0.35%	0.117%
5	6.935	6.908	6.977	BV	7107	74019	0.82%	0.276%
6	7.374	7.348	7.465	VV	858891	8202625	91.11%	30.585%
7	8.224	8.193	8.378	PV	507458	5535266	61.48%	20.639%
8	8.658	8.608	8.704	PV	127160	1275347	14.17%	4.755%
9	8.770	8.745	8.794	VV	4571	53257	0.59%	0.199%
10	11.261	11.135	11.326	BV	815013	9002839	100.00%	33.568%
11	11.680	11.651	11.739	VV	10159	130757	1.45%	0.488%
12	11.875	11.854	11.981	VV	14915	219982	2.44%	0.820%
13	12.128	11.981	12.161	VV	11210	183481	2.04%	0.684%
14	12.700	12.599	12.733	PV	160014	1830984	20.34%	6.827%
15	12.925	12.841	12.965	BV	5603	83606	0.93%	0.312%

Sum of corrected areas: 26819537

Aromatic EPH 102324.M Fri Oct 25 01:57:44 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067485.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 01:18
Operator : YP/AJ
Sample : PB164309BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB164309BL

Integration File: autoint1.e
Quant Time: Oct 23 04:51:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.937	3901025	34.463 ug/ml
Spiked Amount	50.000	Recovery	= 68.93%

Target Compounds

(f)=RT Delta > 1/2 Window

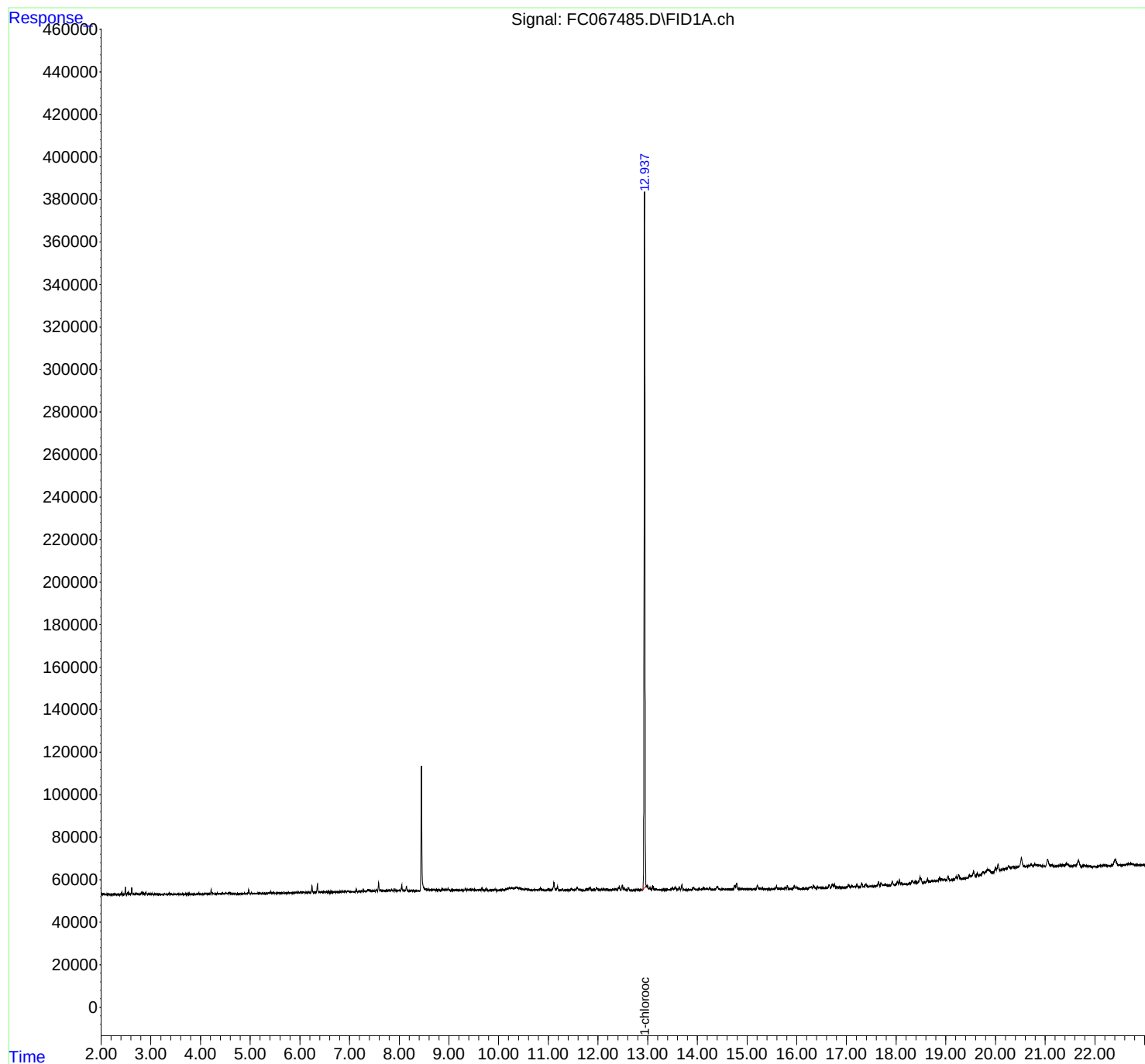
(m)=manual int.

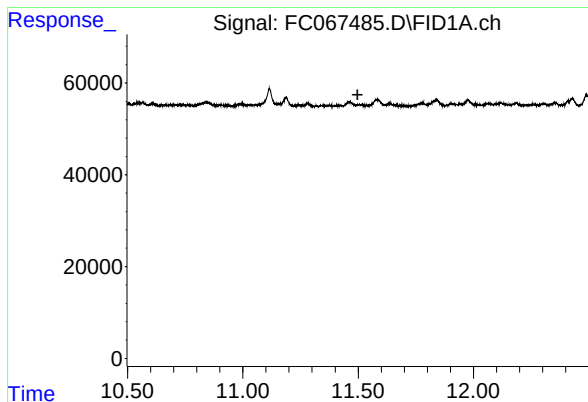
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067485.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 01:18
Operator : YP/AJ
Sample : PB164309BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB164309BL

Integration File: autoint1.e
Quant Time: Oct 23 04:51:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

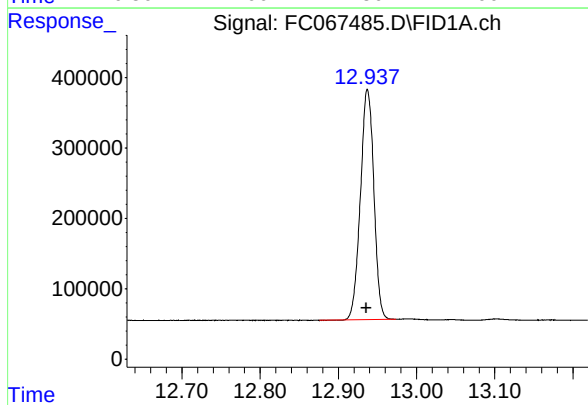




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB164309BL



#12 1-chlorooctadecane (SURR)

R.T.: 12.937 min
Delta R.T.: 0.002 min
Response: 3901025
Conc: 34.46 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067485.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 01:18
 Sample : PB164309BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	12.937	12.875	12.974	BV	326561	3901025	100.00%	100.000%
Sum of corrected areas:						3901025		

Aliphatic EPH 100224.M Wed Oct 23 05:03:16 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048548.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 01:18
 Operator : YP/AJ
 Sample : PB164309BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164309BL

Integration File: autoint1.e
 Quant Time: Oct 23 05:08:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.372	7693093	46.465 ug/ml
Spiked Amount 50.000		Recovery =	92.93%
6) S 2-Fluorobiphenyl (SURR)	8.220	4279022	41.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.52%
11) S ortho-Terphenyl (SURR)	11.259	7455289	40.519 ug/ml
Spiked Amount 50.000		Recovery =	81.04%

Target Compounds

(f)=RT Delta > 1/2 Window

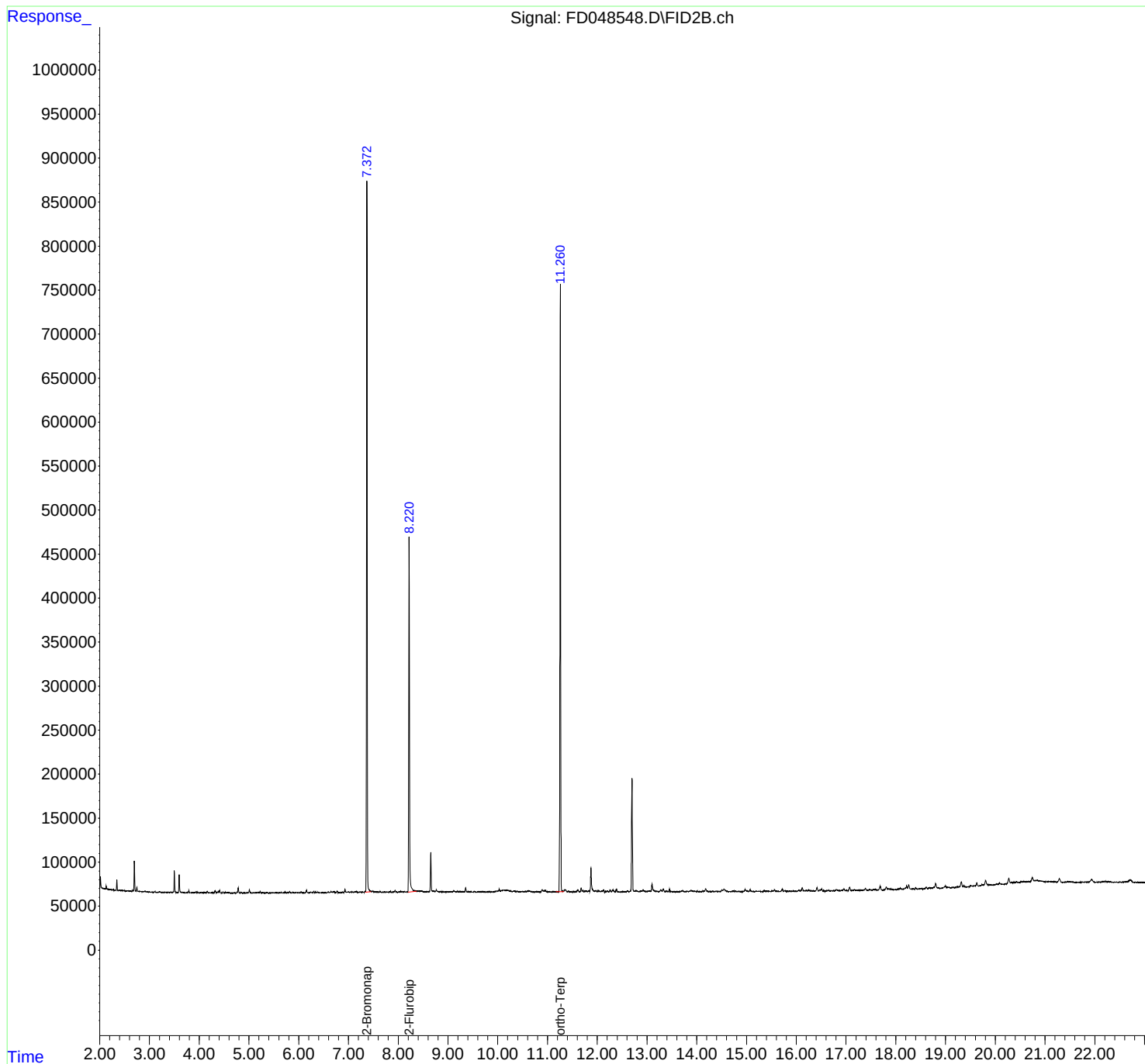
(m)=manual int.

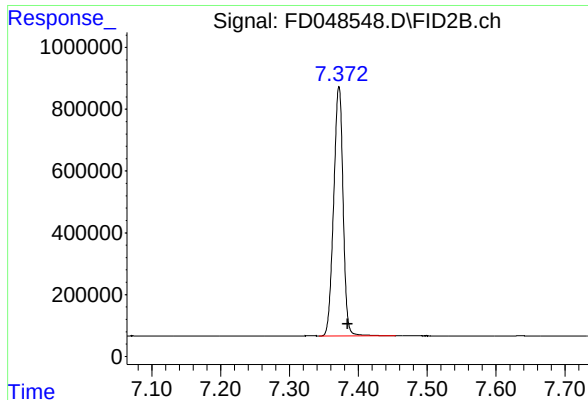
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
Data File : FD048548.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 01:18
Operator : YP/AJ
Sample : PB164309BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB164309BL

Integration File: autoint1.e
Quant Time: Oct 23 05:08:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

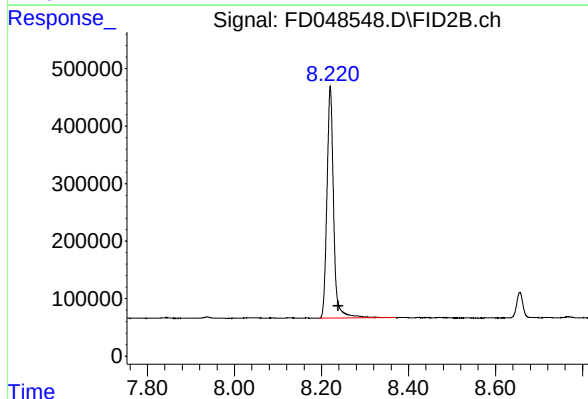




#4 2-Bromonaphthalene (SURR)

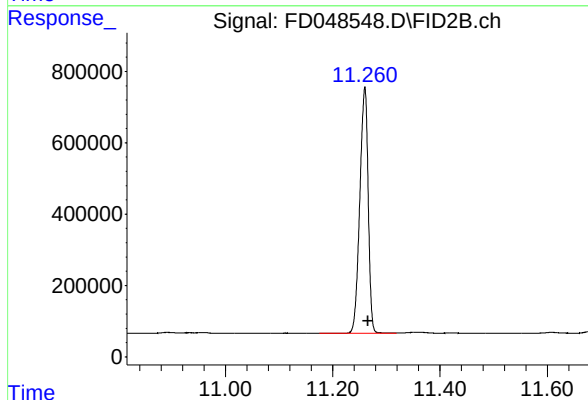
R.T.: 7.372 min
Delta R.T.: -0.013 min
Response: 7693093
Conc: 46.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB164309BL



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.019 min
Response: 4279022
Conc: 41.26 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.259 min
Delta R.T.: -0.006 min
Response: 7455289
Conc: 40.52 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048548.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 01:18
 Sample : PB164309BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.372	7.343	7.455	PV	807969	7693093	100.00%	39.599%
2	8.220	8.195	8.371	BV	402444	4279022	55.62%	22.026%
3	11.259	11.175	11.318	BV	676625	7455289	96.91%	38.375%
Sum of corrected areas:						19427404		

Aromatic EPH 093024.M Wed Oct 23 05:17:38 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
Data File : FC067517.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2024 11:36
Operator : YP/AJ
Sample : PB164368BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB164368BL

Integration File: autoint1.e
Quant Time: Oct 25 01:20:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.937	4069566	37.685 ug/ml
Spiked Amount	50.000	Recovery	= 75.37%

Target Compounds

(f)=RT Delta > 1/2 Window

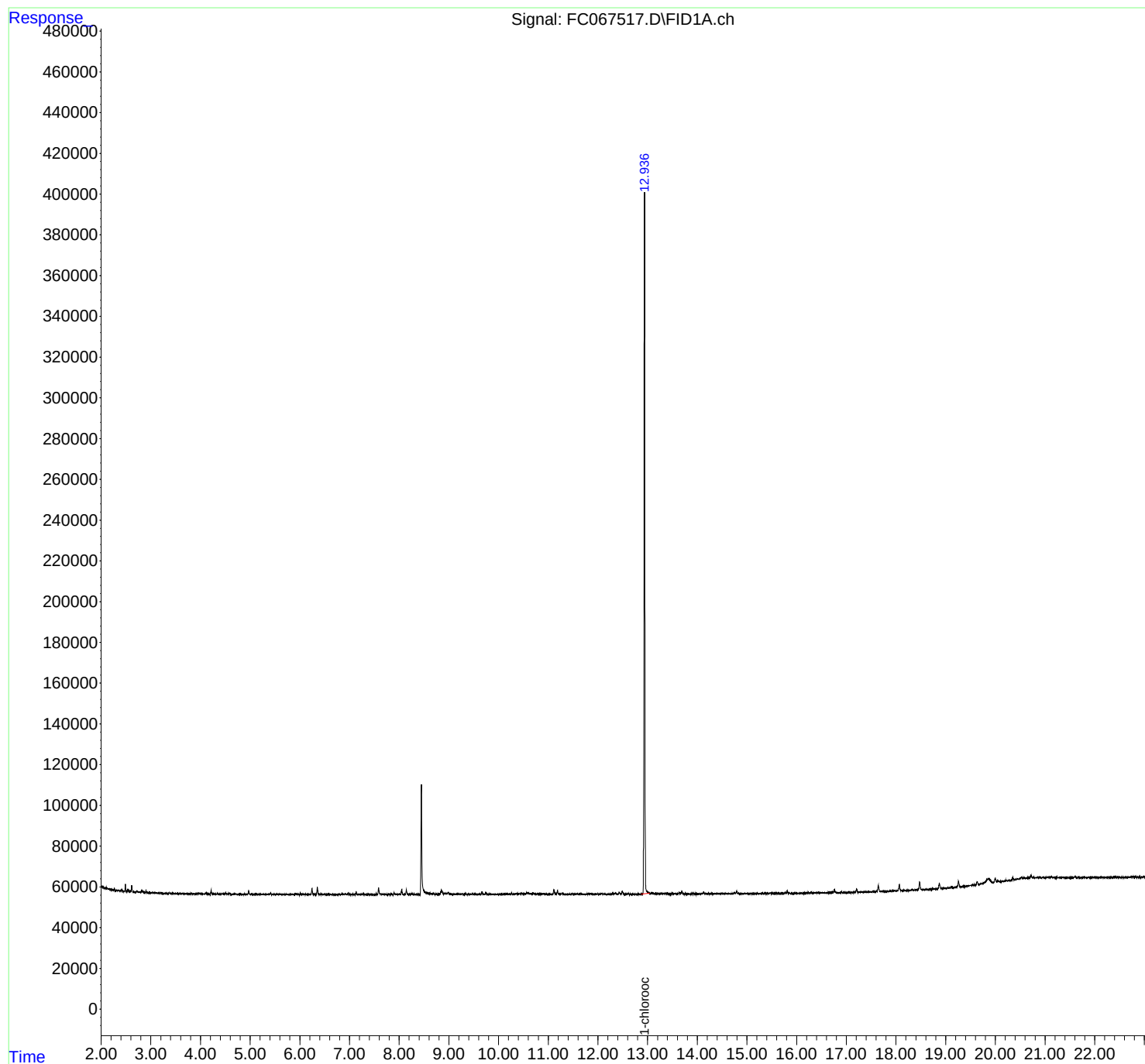
(m)=manual int.

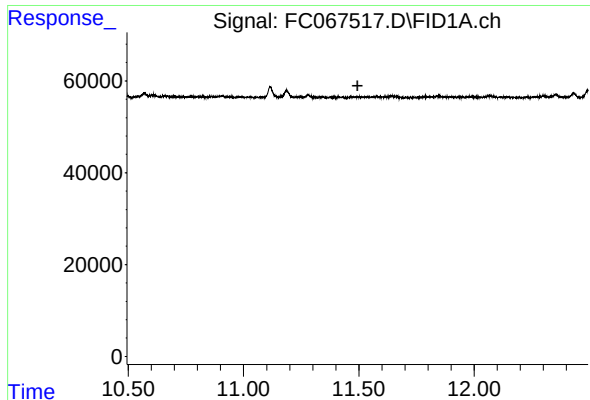
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
Data File : FC067517.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2024 11:36
Operator : YP/AJ
Sample : PB164368BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB164368BL

Integration File: autoint1.e
Quant Time: Oct 25 01:20:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

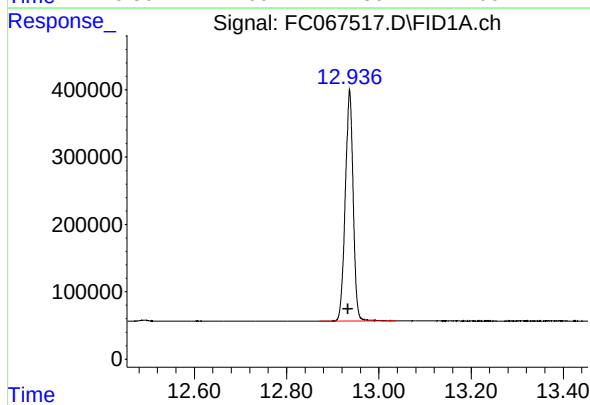




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.494 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB164368BL



#12 1-chlorooctadecane (SURR)

R.T.: 12.937 min
Delta R.T.: 0.004 min
Response: 4069566
Conc: 37.69 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
 Data File : FC067517.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2024 11:36
 Sample : PB164368BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	12.937	12.870	13.037	BB	344301	4069566	100.00%	100.000%
Sum of corrected areas:						4069566		

Aliphatic EPH 102324.M Fri Oct 25 01:29:00 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048579.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 11:36
 Operator : YP/AJ
 Sample : PB164368BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164368BL

Integration File: autoint1.e
 Quant Time: Oct 25 01:32:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.373	7964882	52.477 ug/ml
Spiked Amount 50.000		Recovery =	104.95%
6) S 2-Fluorobiphenyl (SURR)	8.221	4405849	44.870 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.74%
11) S ortho-Terphenyl (SURR)	11.259	7682238	45.099 ug/ml
Spiked Amount 50.000		Recovery =	90.20%

Target Compounds

(f)=RT Delta > 1/2 Window

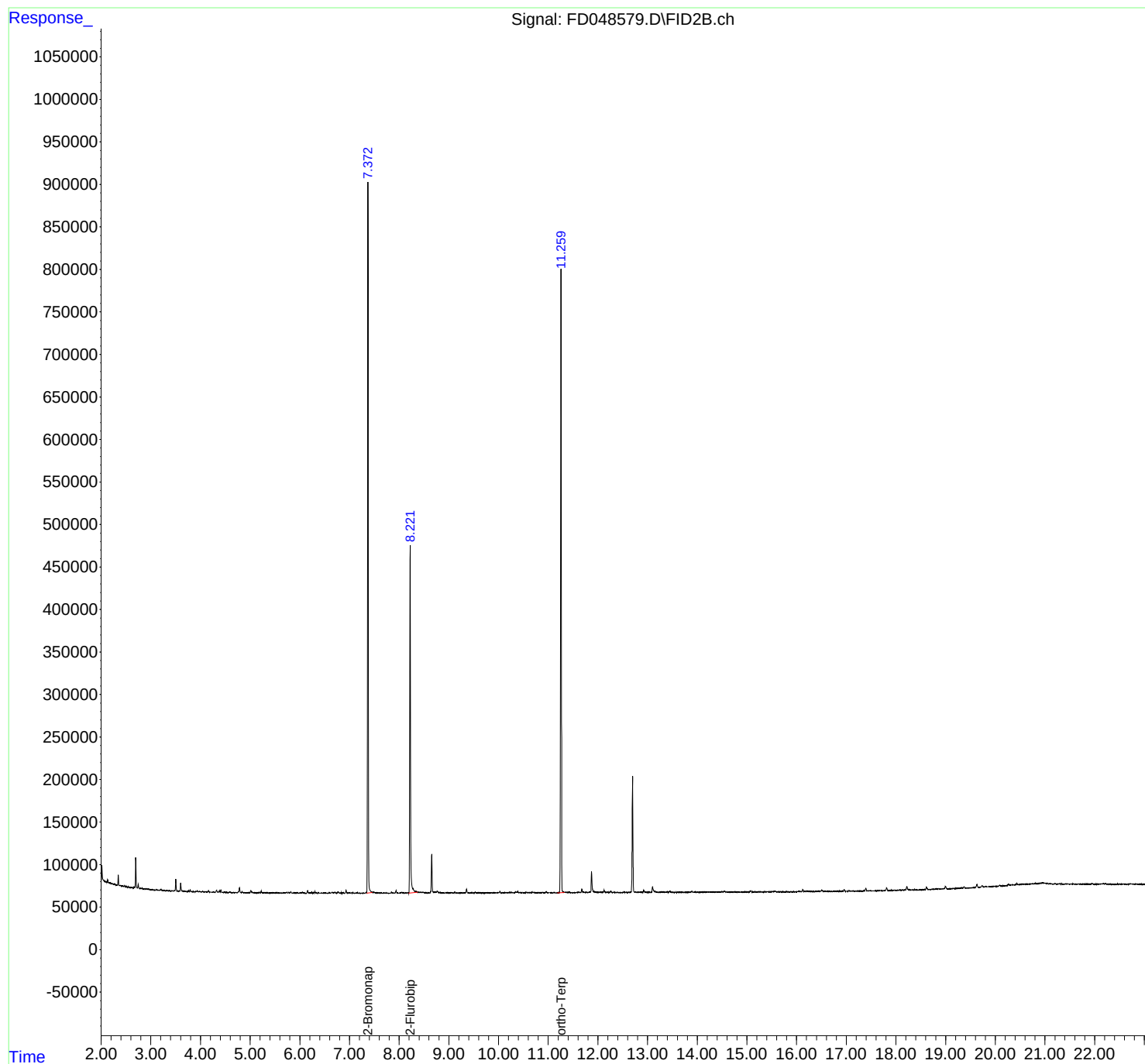
(m)=manual int.

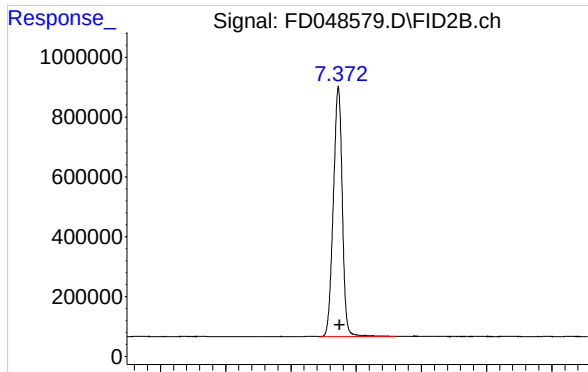
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
Data File : FD048579.D
Signal(s) : FID2B.ch
Acq On : 24 Oct 2024 11:36
Operator : YP/AJ
Sample : PB164368BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB164368BL

Integration File: autoint1.e
Quant Time: Oct 25 01:32:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:14:59 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

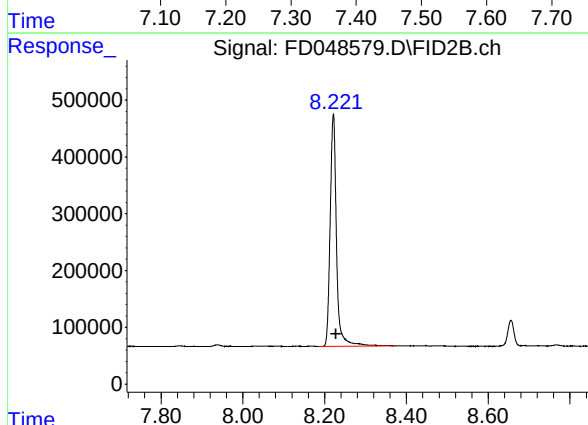




#4 2-Bromonaphthalene (SURR)

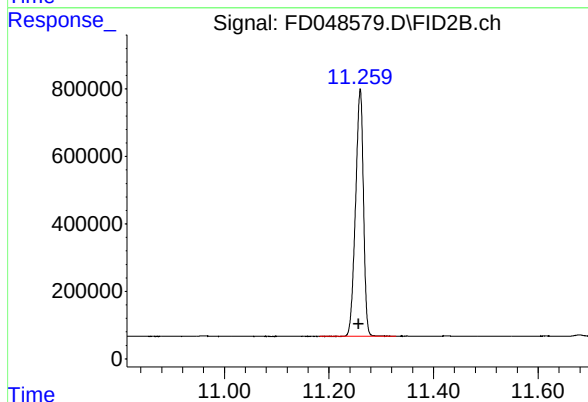
R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 7964882
Conc: 52.48 ug/ml

Instrument :
FID_D
ClientSampleId :
PB164368BL



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 4405849
Conc: 44.87 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.259 min
Delta R.T.: 0.003 min
Response: 7682238
Conc: 45.10 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048579.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 11:36
 Sample : PB164368BL
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.373	7.343	7.461	PV	826793	7964882	100.00%	39.719%
2	8.221	8.187	8.374	PV	408566	4405849	55.32%	21.971%
3	11.260	11.181	11.328	BV	743445	7682238	96.45%	38.310%
Sum of corrected areas:							20052969	

Aromatic EPH 102324.M Sat Oct 26 05:59:34 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102224AL\
 Data File : FC067486.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 01:53
 Operator : YP/AJ
 Sample : PB164309BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164309BS

Integration File: autoint1.e
 Quant Time: Oct 23 04:51:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 Qlast Update : Tue Oct 01 09:13:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.936	3694096	32.635 ug/ml
Spiked Amount 50.000		Recovery =	65.27%
Target Compounds			
1) T n-Nonane (C9)	3.274	3101220	24.465 ug/ml
2) T n-Decane (C10)	4.339	3906174	30.388 ug/ml
4) T n-Dodecane (C12)	6.355	4530547	34.914 ug/ml
6) T n-Tetradecane (C14)	8.148	4866594	37.785 ug/ml
7) T n-Hexadecane (C16)	9.747	5243858	39.393 ug/ml
8) T n-Octadecane (C18)	11.187	5496331	40.533 ug/ml
10) T n-Eicosane (C20)	12.495	5863944	44.910 ug/ml
11) T n-Heneicosane (C21)	13.105	5694154	44.397 ug/ml
13) T n-Docosane (C22)	13.691	5690962	44.569 ug/ml
14) T n-Tetracosane (C24)	14.793	5624464	43.978 ug/ml
15) T n-Hexacosane (C26)	15.812	5544919	43.977 ug/ml
16) T n-Octacosane (C28)	16.761	5490169	43.701 ug/ml
17) T n-Tricontane (C30)	17.647	5540886	43.011 ug/ml
18) T n-Dotriacontane (C32)	18.479	5534007	44.298 ug/ml
19) T n-Tetratriacontane (C34)	19.260	5567290	50.946 ug/ml
20) T n-Hexatriacontane (C36)	19.998	5533924	58.549 ug/ml
21) T n-Octatriacontane (C38)	20.723	5625748	64.148 ug/ml
22) T n-Tetracontane (C40)	21.608	5705225	66.303 ug/ml

(f)=RT Delta > 1/2 Window

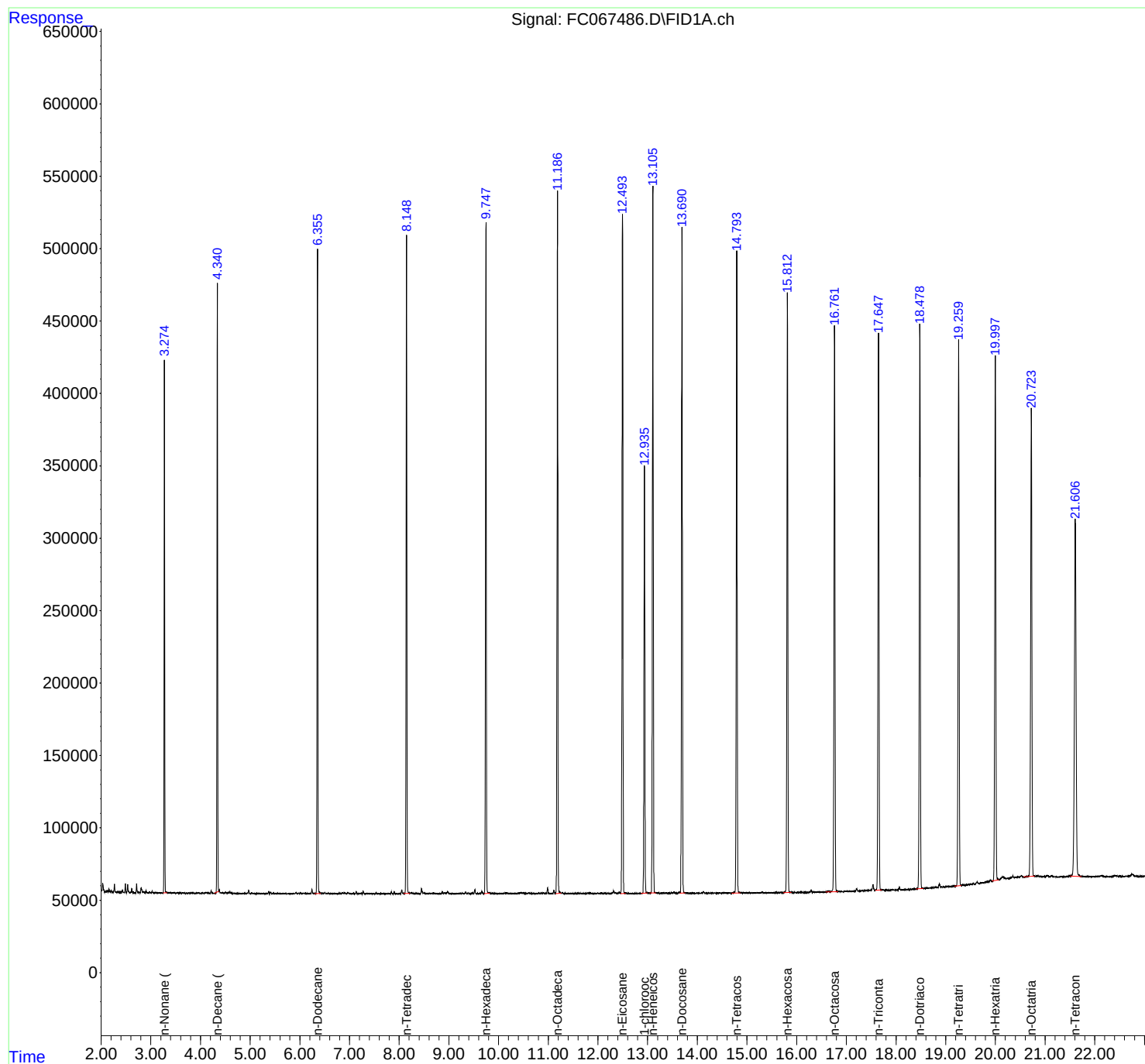
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067486.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 01:53
Operator : YP/AJ
Sample : PB164309BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB164309BS

Integration File: autoint1.e
Quant Time: Oct 23 04:51:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067486.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 01:53
 Sample : PB164309BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.245	3.329	BB	367995	3101220	52.89%	3.156%
2	4.339	4.284	4.370	BV	423405	3906174	66.61%	3.976%
3	6.355	6.294	6.422	BV	445721	4530547	77.26%	4.611%
4	8.148	8.087	8.219	BB	453822	4866594	82.99%	4.953%
5	9.747	9.707	9.824	BB	463712	5243858	89.43%	5.337%
6	11.187	11.147	11.260	PV	486044	5496331	93.73%	5.594%
7	12.495	12.455	12.559	PB	465632	5863944	100.00%	5.968%
8	12.936	12.867	13.000	BB	294263	3694096	63.00%	3.760%
9	13.105	13.040	13.165	BB	483462	5694154	97.10%	5.795%
10	13.691	13.652	13.759	VB	457631	5690962	97.05%	5.792%
11	14.793	14.690	14.867	BB	445800	5624464	95.92%	5.724%
12	15.812	15.725	15.887	BB	413991	5544919	94.56%	5.643%
13	16.761	16.592	16.834	BB	391172	5490169	93.63%	5.588%
14	17.647	17.584	17.714	BB	384030	5540886	94.49%	5.639%
15	18.479	18.404	18.552	BB	390079	5534007	94.37%	5.632%
16	19.260	19.177	19.317	BB	377523	5567290	94.94%	5.666%
17	19.998	19.927	20.072	BB	357729	5533924	94.37%	5.632%
18	20.723	20.570	20.794	BB	323012	5625748	95.94%	5.726%
19	21.608	21.500	21.734	BB	244753	5705225	97.29%	5.807%
Sum of corrected areas:						98254512		

Aliphatic EPH 100224.M Wed Oct 23 05:03:33 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048549.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 01:53
 Operator : YP/AJ
 Sample : PB164309BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164309BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 05:08:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	9156141	55.301 ug/ml
Spiked Amount 50.000		Recovery =	110.60%
6) S 2-Fluorobiphenyl (SURR)	8.226	6092899	58.752 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.50%
11) S ortho-Terphenyl (SURR)	11.262	8373445	45.509 ug/ml
Spiked Amount 50.000		Recovery =	91.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	7084905	40.426 ug/ml
2) T Naphthalene (C11.7)	5.715	8079742	43.274 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	7936048	41.992 ug/ml
5) T Acenaphthylene (C15.06)	8.028	8489019	44.250 ug/ml
7) T Acenaphthene (C15.5)	8.324	8910017	47.104 ug/ml
8) T Fluorene (C16.55)	9.102	9180269	50.811 ug/ml
9) T Phenanthrene (C19.36)	10.490	9364043	52.836 ug/ml
10) T Anthracene (C19.43)	10.566	9496638	53.370 ug/ml
12) T Fluoranthene (C21.85)	12.296	9500306	52.525 ug/mlm
13) T Pyrene (C20.8)	12.589	9898866	55.280 ug/ml
14) T Benzo[a]anthracene (C...	14.457	8783760	54.962 ug/ml
15) T Chrysene (C27.41)	14.501	8916179	47.801 ug/ml
16) T benzo[b]fluoranthene ...	16.006	8570622	51.462 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	8531946	50.262 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.382	8266390	50.577 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	8684848	66.024 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	8271453	49.431 ug/ml
21) T Benzo[g,h,i]perylene ...	18.002	7994863	49.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
Data File : FD048549.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 01:53
Operator : YP/AJ
Sample : PB164309BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164309BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 05:08:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

Qlast Update : Mon Sep 30 14:17:34 2024

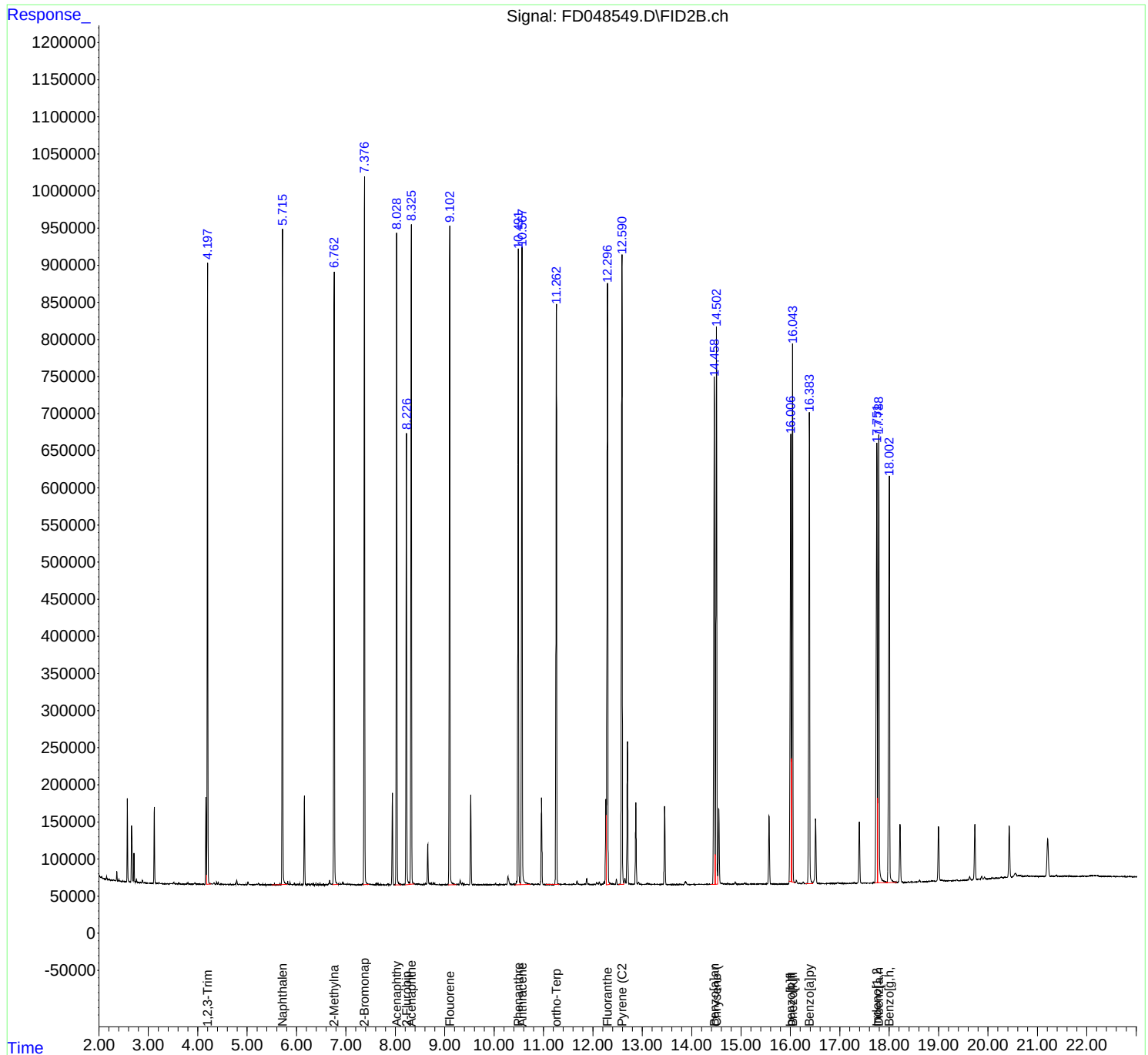
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



rteres

Instrument :

FID_D

ClientSampleId :

PB164309BS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10222
 Data File : FD048549.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 01:53
 Sample : PB164309BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.198	4.180	4.268	VV	836237	7084905	66.05%	3.918%
2	5.715	5.498	5.804	BV	878875	8079742	75.33%	4.469%
3	6.762	6.728	6.845	PV	817737	7936048	73.99%	4.389%
4	7.375	7.348	7.466	VV	937076	9156141	85.37%	5.064%
5	8.028	7.989	8.114	VV	869583	8489019	79.15%	4.695%
6	8.226	8.193	8.294	PV	599262	6092899	56.81%	3.370%
7	8.324	8.294	8.384	VV	888565	8910017	83.07%	4.928%
8	9.102	9.067	9.238	VV	874266	9180269	85.59%	5.077%
9	10.490	10.415	10.531	PV	864037	9364043	87.30%	5.179%
10	10.566	10.531	10.738	VV	873741	9496638	88.54%	5.252%
11	11.262	11.051	11.321	BV	777876	8373445	78.07%	4.631%
12	12.296	12.236	12.448	VV	799823	10725861	100.00%	5.932%
13	12.589	12.518	12.627	PV	868528	9898866	92.29%	5.475%
14	14.457	14.381	14.476	BV	684953	8783760	81.89%	4.858%
15	14.501	14.476	14.526	VV	749601	8916179	83.13%	4.931%
16	16.006	15.971	16.021	BV	601254	8570622	79.91%	4.740%
17	16.041	16.021	16.094	VV	714118	8531946	79.55%	4.719%
18	16.382	16.304	16.453	BV	623291	8266390	77.07%	4.572%
19	17.750	17.701	17.764	BV	603505	8684848	80.97%	4.803%
20	17.788	17.764	17.953	VV	602947	8271453	77.12%	4.575%
21	18.002	17.953	18.158	VV	540430	7994863	74.54%	4.422%
Sum of corrected areas:						180807953		

Aromatic EPH 093024.M Wed Oct 23 05:18:21 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
 Data File : FC067518.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2024 12:12
 Operator : YP/AJ
 Sample : PB164368BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164368BS

Integration File: autoint1.e
 Quant Time: Oct 25 01:20:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.935	3890871	36.031 ug/ml
Spiked Amount 50.000		Recovery =	72.06%
Target Compounds			
1) T n-Nonane (C9)	3.274	3226927	23.953 ug/ml
2) T n-Decane (C10)	4.339	4057206	29.779 ug/ml
4) T n-Dodecane (C12)	6.355	4700829	34.707 ug/ml
6) T n-Tetradecane (C14)	8.147	5044234	38.429 ug/ml
7) T n-Hexadecane (C16)	9.746	5461429	41.342 ug/ml
8) T n-Octadecane (C18)	11.186	5753658	43.551 ug/ml
10) T n-Eicosane (C20)	12.494	6149121	48.734 ug/ml
11) T n-Heneicosane (C21)	13.105	5979684	48.452 ug/ml
13) T n-Docosane (C22)	13.690	5983759	48.867 ug/ml
14) T n-Tetracosane (C24)	14.792	5922549	48.862 ug/ml
15) T n-Hexacosane (C26)	15.811	5837565	49.032 ug/ml
16) T n-Octacosane (C28)	16.759	5766750	49.017 ug/ml
17) T n-Tricontane (C30)	17.645	5830869	48.240 ug/ml
18) T n-Dotriacontane (C32)	18.478	5817361	49.166 ug/ml
19) T n-Tetratriacontane (C34)	19.259	5822303	55.595 ug/ml
20) T n-Hexatriacontane (C36)	19.998	5787992	63.585 ug/ml
21) T n-Octatriacontane (C38)	20.722	5862752	67.697 ug/ml
22) T n-Tetracontane (C40)	21.610	5903693	69.446 ug/ml

(f)=RT Delta > 1/2 Window

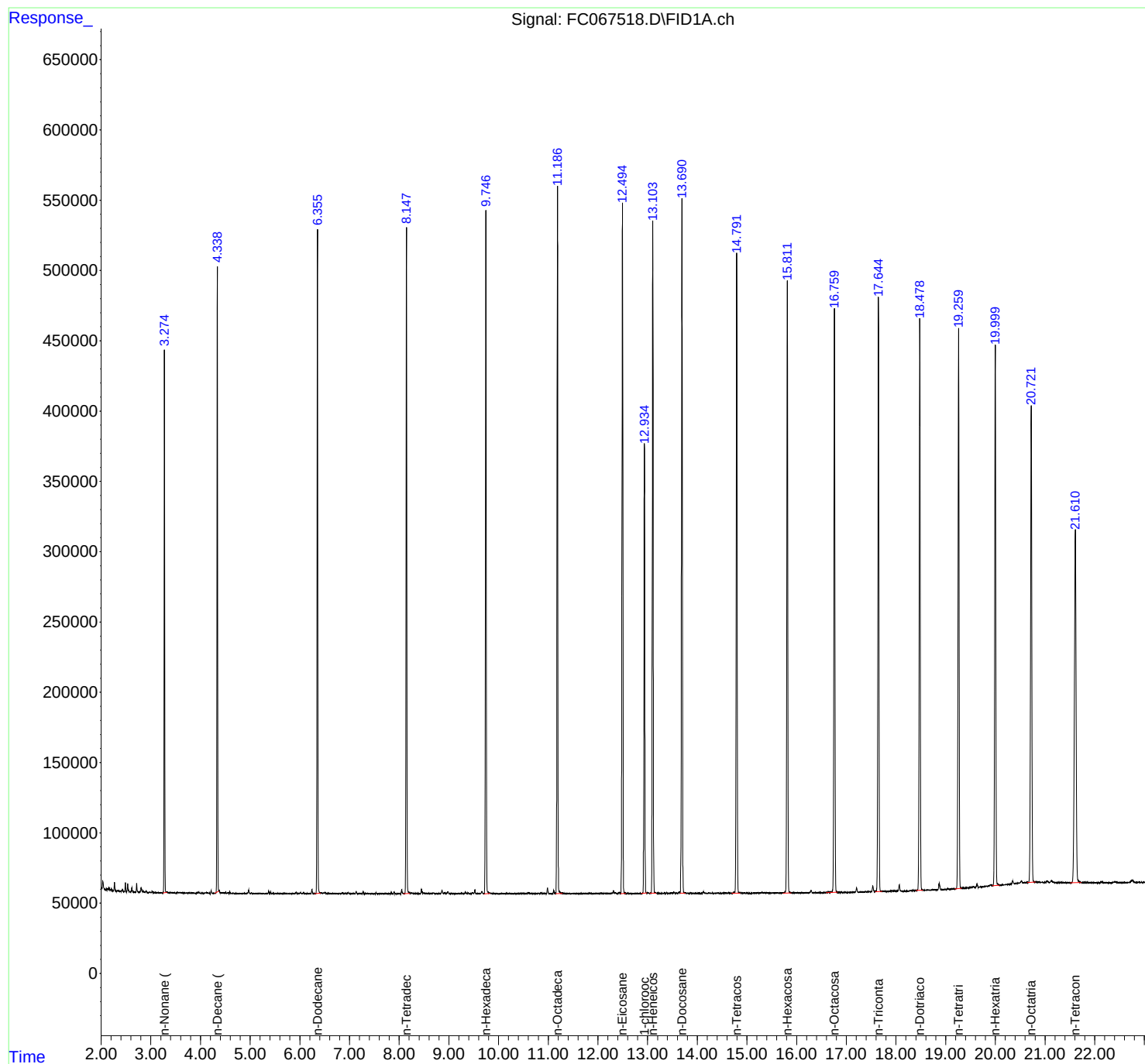
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
Data File : FC067518.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2024 12:12
Operator : YP/AJ
Sample : PB164368BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB164368BS

Integration File: autoint1.e
Quant Time: Oct 25 01:20:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
 Data File : FC067518.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2024 12:12
 Sample : PB164368BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.245	3.328	BB	385743	3226927	52.48%	3.139%
2	4.339	4.283	4.372	BV	443941	4057206	65.98%	3.947%
3	6.355	6.292	6.422	BV	472025	4700829	76.45%	4.573%
4	8.147	8.087	8.220	BB	471592	5044234	82.03%	4.907%
5	9.746	9.707	9.830	BB	483884	5461429	88.82%	5.313%
6	11.186	11.143	11.293	PB	502724	5753658	93.57%	5.597%
7	12.494	12.455	12.560	PB	490398	6149121	100.00%	5.982%
8	12.935	12.867	12.988	BB	319532	3890871	63.28%	3.785%
9	13.105	13.038	13.170	BB	477253	5979684	97.24%	5.817%
10	13.690	13.652	13.763	PB	494282	5983759	97.31%	5.821%
11	14.792	14.702	14.865	BB	456087	5922549	96.32%	5.761%
12	15.811	15.722	15.895	BB	434364	5837565	94.93%	5.679%
13	16.759	16.590	16.825	BB	412859	5766750	93.78%	5.610%
14	17.645	17.580	17.722	BB	421612	5830869	94.82%	5.672%
15	18.478	18.407	18.542	BB	406379	5817361	94.60%	5.659%
16	19.259	19.182	19.327	BB	398260	5822303	94.69%	5.664%
17	19.998	19.940	20.087	BB	380958	5787992	94.13%	5.630%
18	20.722	20.647	20.805	BB	337718	5862752	95.34%	5.703%
19	21.610	21.508	21.732	BB	251649	5903693	96.01%	5.743%

Sum of corrected areas: 102799549

Aliphatic EPH 102324.M Fri Oct 25 01:29:29 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048580.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 12:12
 Operator : YP/AJ
 Sample : PB164368BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164368BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e

Quant Time: Oct 25 01:32:35 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	9353560	61.626 ug/ml
Spiked Amount 50.000		Recovery =	123.25%
6) S 2-Fluorobiphenyl (SURR)	8.225	6250050	63.651 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.30%
11) S ortho-Terphenyl (SURR)	11.262	8632075	50.676 ug/ml
Spiked Amount 50.000		Recovery =	101.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	7144043	41.064 ug/mlm
2) T Naphthalene (C11.7)	5.715	8243393	46.199 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	8132734	45.468 ug/ml
5) T Acenaphthylene (C15.06)	8.028	8670664	49.380 ug/ml
7) T Acenaphthene (C15.5)	8.324	9162505	51.660 ug/ml
8) T Flouorene (C16.55)	9.102	9413034	55.686 ug/ml
9) T Phenanthrene (C19.36)	10.490	9624345	58.221 ug/ml
10) T Anthracene (C19.43)	10.566	9784466	61.187 ug/ml
12) T Fluoranthene (C21.85)	12.296	9783915	59.449 ug/mlm
13) T Pyrene (C20.8)	12.589	10183123	63.219 ug/ml
14) T Benzo[a]anthracene (C...	14.458	9081317	62.109 ug/ml
15) T Chrysene (C27.41)	14.502	9189641	55.867 ug/ml
16) T benzo[b]fluoranthene ...	16.006	8929414	58.735 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	8882676	59.098 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	8526541	56.656 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	8958027	68.655 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	8642837	53.110 ug/ml
21) T Benzo[g,h,i]perylene ...	18.002	8234186	53.786 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
Data File : FD048580.D
Signal(s) : FID2B.ch
Acq On : 24 Oct 2024 12:12
Operator : YP/AJ
Sample : PB164368BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164368BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e

Quant Time: Oct 25 01:32:35 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

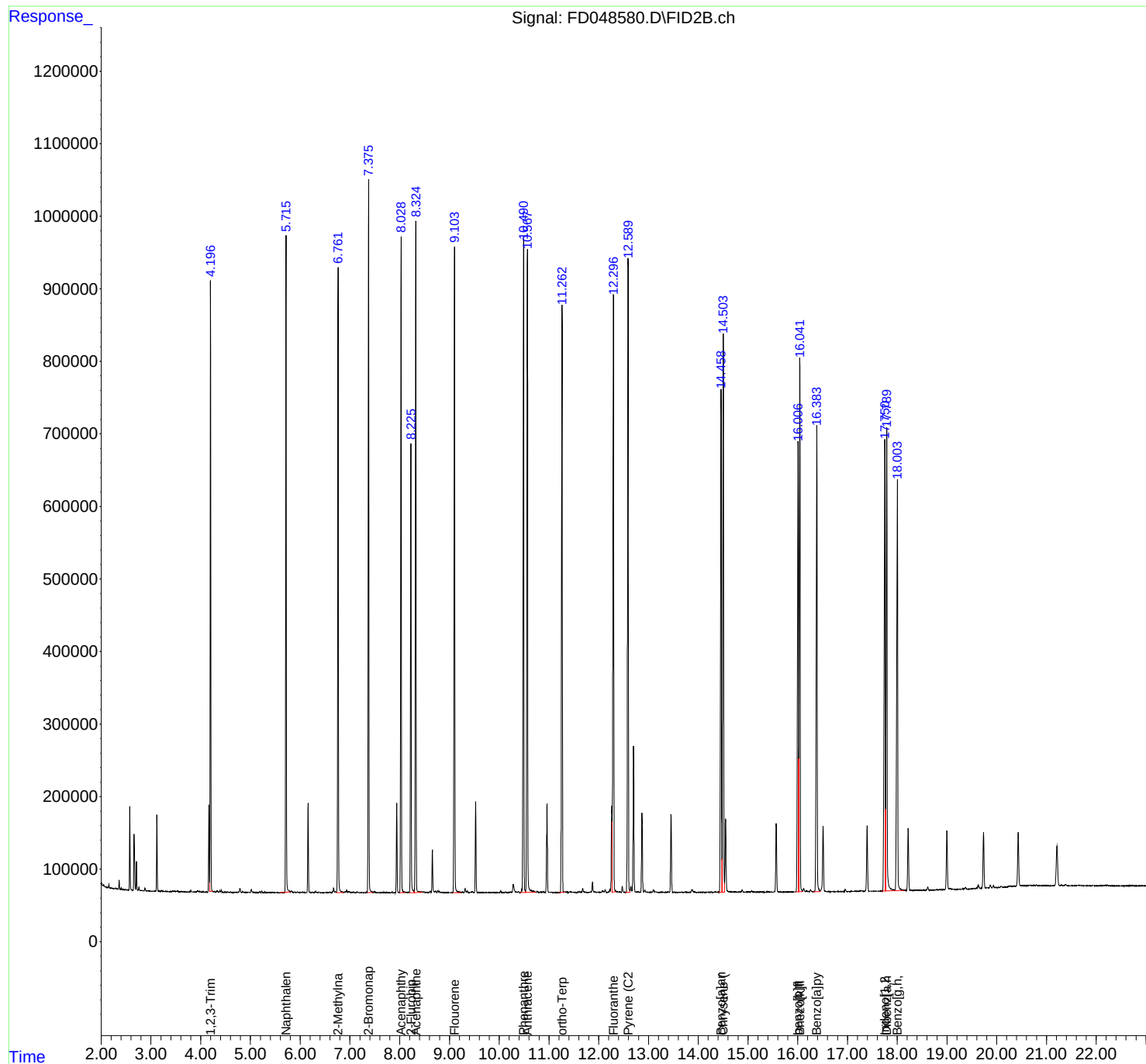
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



Instrument :

FID_D

ClientSampleId :

PB164368BS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10242

Data File : FD048580.D

Signal(s) : FID2B.ch

Acq On : 24 Oct 2024 12:12

Sample : PB164368BS

Misc :

ALS Vial : 62 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.196	4.179	4.246	M	842781	7171685	64.97%	3.854%
2	5.715	5.584	5.803	BV	903010	8243393	74.68%	4.429%
3	6.762	6.728	6.874	VV	858283	8132734	73.68%	4.370%
4	7.375	7.348	7.463	VV	976788	9353560	84.74%	5.026%
5	8.028	7.987	8.114	VV	893724	8670664	78.55%	4.659%
6	8.225	8.193	8.294	PV	614668	6250050	56.62%	3.358%
7	8.324	8.294	8.458	VB	931145	9162505	83.01%	4.923%
8	9.102	9.067	9.238	VV	872928	9413034	85.28%	5.058%
9	10.490	10.418	10.530	PV	907720	9624345	87.19%	5.171%
10	10.566	10.530	10.738	VV	903893	9784466	88.64%	5.258%
11	11.262	11.191	11.328	BV	801726	8632075	78.20%	4.638%
12	12.295	12.236	12.448	VB	805841	11038115	100.00%	5.931%
13	12.589	12.538	12.627	BV	859218	10183123	92.25%	5.472%
14	14.458	14.411	14.477	BV	691611	9081317	82.27%	4.880%
15	14.502	14.477	14.526	VV	750431	9189641	83.25%	4.938%
16	16.006	15.961	16.021	BV	627345	8929414	80.90%	4.798%
17	16.041	16.021	16.096	VV	735653	8882676	80.47%	4.773%
18	16.383	16.311	16.453	BV	656774	8526541	77.25%	4.582%
19	17.750	17.701	17.764	BV	629462	8958027	81.16%	4.813%
20	17.788	17.764	17.951	VV	634733	8642837	78.30%	4.644%
21	18.002	17.951	18.158	VV	557115	8234186	74.60%	4.424%
Sum of corrected areas:						186104388		

Aromatic EPH 102324.M Fri Oct 25 01:55:50 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067487.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 02:29
 Operator : YP/AJ
 Sample : PB164309BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB164309BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 04:51:18 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

Qlast Update : Tue Oct 01 09:13:32 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.936	3849203	34.005 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
Target Compounds			
1) T n-Nonane (C9)	3.274	3057838	24.123 ug/ml
2) T n-Decane (C10)	4.340	3912928	30.441 ug/ml
4) T n-Dodecane (C12)	6.356	4501163	34.688 ug/ml
6) T n-Tetradecane (C14)	8.149	4855616	37.700 ug/ml
7) T n-Hexadecane (C16)	9.748	5240992	39.371 ug/ml
8) T n-Octadecane (C18)	11.187	5496714	40.536 ug/ml
10) T n-Eicosane (C20)	12.495	5865513	44.922 ug/ml
11) T n-Heneicosane (C21)	13.106	5700667	44.447 ug/ml
13) T n-Docosane (C22)	13.691	5698783	44.631 ug/ml
14) T n-Tetracosane (C24)	14.791	5633195	44.046 ug/ml
15) T n-Hexacosane (C26)	15.812	5565510	44.141 ug/ml
16) T n-Octacosane (C28)	16.759	5506276	43.830 ug/mlm
17) T n-Tricontane (C30)	17.646	5575869	43.283 ug/ml
18) T n-Dotriacontane (C32)	18.478	5572714	44.607 ug/ml
19) T n-Tetratriacontane (C34)	19.260	5614082	51.375 ug/ml
20) T n-Hexatriacontane (C36)	19.999	5593128	59.176 ug/ml
21) T n-Octatriacontane (C38)	20.724	5700340	64.998 ug/ml
22) T n-Tetracontane (C40)	21.610	5731280	66.606 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067487.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 02:29
Operator : YP/AJ
Sample : PB164309BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

Client Sample Id :

PB164309BSD

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 10/23/2024

Supervised By : Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 04:51:18 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

QLast Update : Tue Oct 01 09:13:32 2024

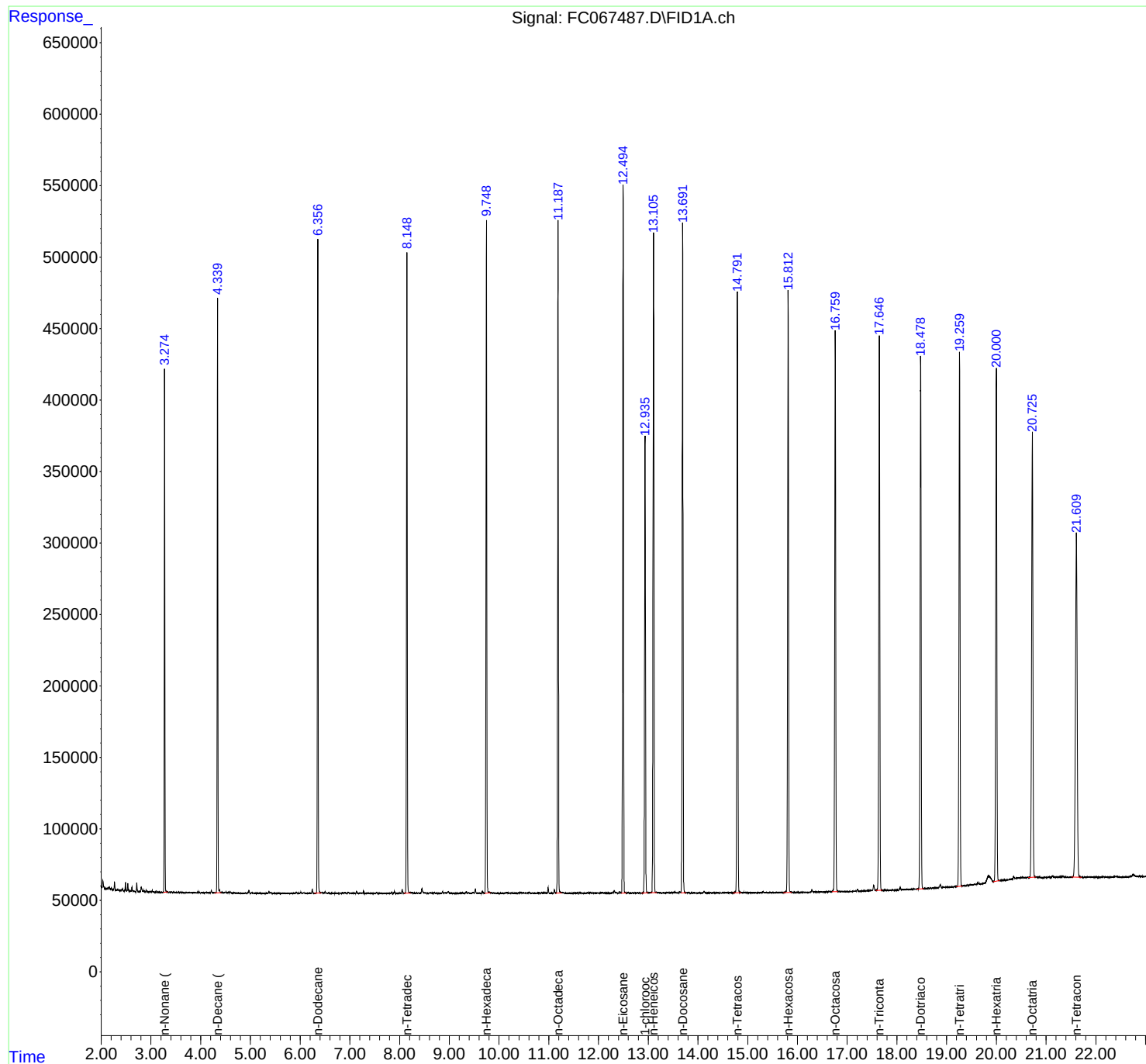
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID_C

ClientSampleId :

PB164309BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10224

Data File : FC067487.D

Signal(s) : FID1A.ch

Acq On : 23 Oct 2024 02:29

Sample : PB164309BSD

Misc :

ALS Vial : 13 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.245	3.332	BB	366078	3057838	52.13%	3.099%
2	4.340	4.285	4.415	BB	416364	3912928	66.71%	3.965%
3	6.356	6.292	6.424	BB	458751	4501163	76.74%	4.561%
4	8.149	8.087	8.222	BB	448023	4855616	82.78%	4.921%
5	9.748	9.709	9.822	BB	470622	5240992	89.35%	5.311%
6	11.187	11.145	11.262	PB	471530	5496714	93.71%	5.570%
7	12.495	12.457	12.557	PB	491809	5865513	100.00%	5.944%
8	12.936	12.867	13.002	BB	319117	3849203	65.62%	3.901%
9	13.106	13.042	13.172	BB	461521	5700667	97.19%	5.777%
10	13.691	13.654	13.757	VB	466546	5698783	97.16%	5.775%
11	14.791	14.702	14.862	BB	420256	5633195	96.04%	5.709%
12	15.812	15.720	15.884	BB	420461	5565510	94.89%	5.640%
13	16.760	16.590	16.830	BB	391958	5514062	94.01%	5.588%
14	17.646	17.580	17.709	BB	388927	5575869	95.06%	5.650%
15	18.478	18.397	18.537	BB	369606	5572714	95.01%	5.647%
16	19.260	19.192	19.319	BB	370975	5614082	95.71%	5.689%
17	19.999	19.939	20.065	VB	359379	5593128	95.36%	5.668%
18	20.724	20.640	20.794	BB	308136	5700340	97.18%	5.777%
19	21.610	21.514	21.717	BB	239739	5731280	97.71%	5.808%
Sum of corrected areas:							98679597	

Aliphatic EPH 100224.M Wed Oct 23 05:03:54 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048550.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 02:29
 Operator : YP/AJ
 Sample : PB164309BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164309BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 05:09:10 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.376	9146806	55.245 ug/ml
Spiked Amount 50.000		Recovery =	110.49%
6) S 2-Fluorobiphenyl (SURR)	8.226	6093512	58.758 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.52%
11) S ortho-Terphenyl (SURR)	11.262	8378054	45.534 ug/ml
Spiked Amount 50.000		Recovery =	91.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	7030766	40.117 ug/ml
2) T Naphthalene (C11.7)	5.716	8055709	43.145 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	7931709	41.969 ug/ml
5) T Acenaphthylene (C15.06)	8.029	8484379	44.226 ug/ml
7) T Acenaphthene (C15.5)	8.325	8922624	47.171 ug/ml
8) T Fluorene (C16.55)	9.102	9130828	50.538 ug/ml
9) T Phenanthrene (C19.36)	10.490	9336772	52.682 ug/ml
10) T Anthracene (C19.43)	10.566	9469937	53.220 ug/ml
12) T Fluoranthene (C21.85)	12.295	9385127	51.888 ug/mlm
13) T Pyrene (C20.8)	12.589	9864483	55.088 ug/ml
14) T Benzo[a]anthracene (C...	14.457	8774935	54.907 ug/ml
15) T Chrysene (C27.41)	14.501	8903794	47.735 ug/ml
16) T benzo[b]fluoranthene ...	16.005	8569342	51.455 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	8532341	50.265 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	8284459	50.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	8723460	66.318 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	8242945	49.260 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	7963577	49.029 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
Data File : FD048550.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 02:29
Operator : YP/AJ
Sample : PB164309BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164309BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 05:09:10 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

Qlast Update : Mon Sep 30 14:17:34 2024

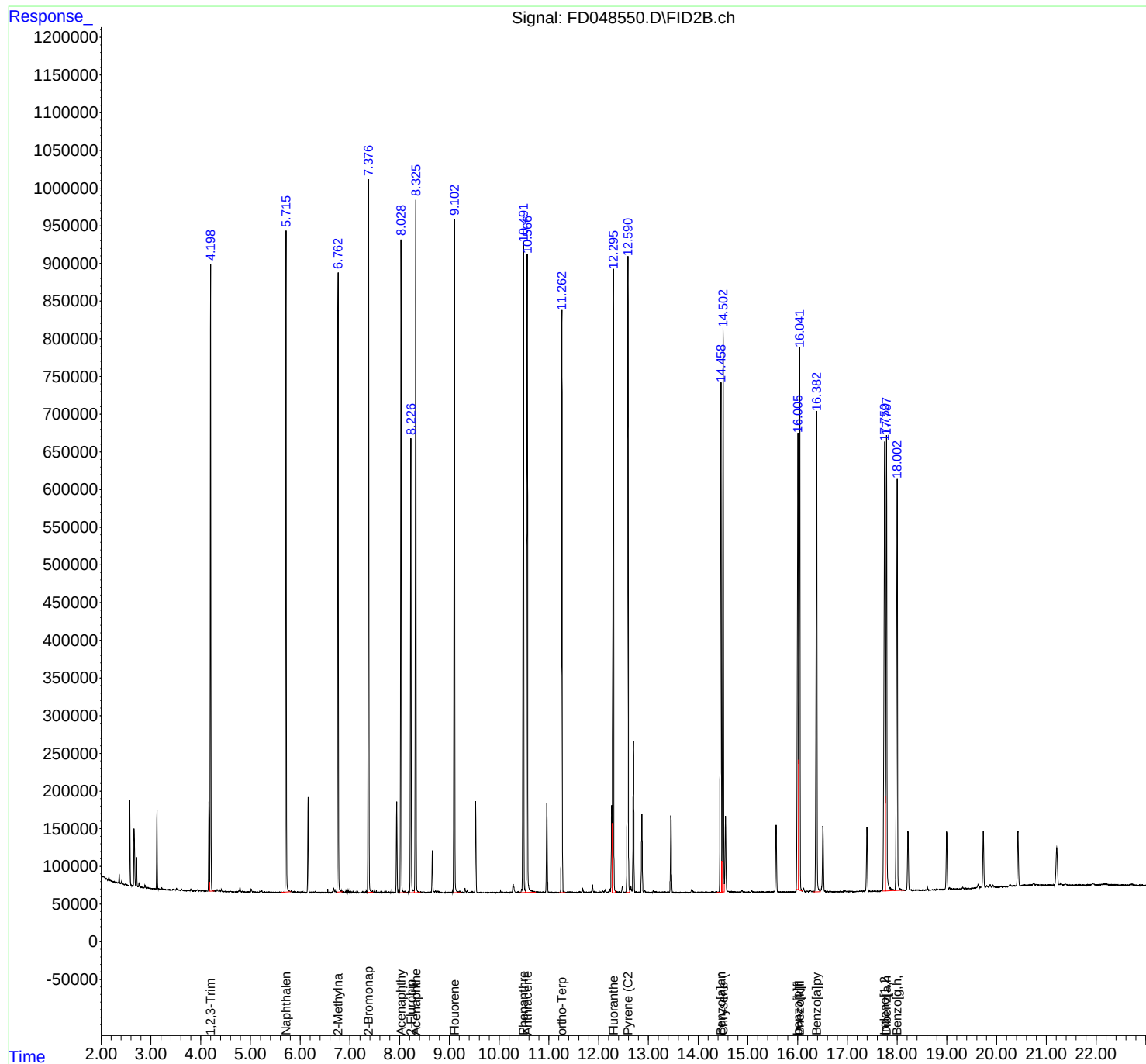
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



Instrument :

FID_D

ClientSampleId :

PB164309BSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10222

Data File : FD048550.D

Signal(s) : FID2B.ch

Acq On : 23 Oct 2024 02:29

Sample : PB164309BSD

Misc :

ALS Vial : 63 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.198	4.180	4.268	VV	827714	7030766	65.78%	3.895%
2	5.716	5.608	5.807	BV	872198	8055709	75.36%	4.462%
3	6.762	6.727	6.851	PV	817087	7931709	74.20%	4.394%
4	7.376	7.348	7.464	PV	934237	9146806	85.57%	5.067%
5	8.029	7.996	8.151	PV	862691	8484379	79.38%	4.700%
6	8.226	8.194	8.294	PV	599105	6093512	57.01%	3.375%
7	8.325	8.294	8.414	VV	907957	8922624	83.48%	4.942%
8	9.102	9.071	9.234	VV	881688	9130828	85.42%	5.058%
9	10.490	10.418	10.534	PV	875080	9336772	87.35%	5.172%
10	10.566	10.534	10.738	VV	832435	9469937	88.60%	5.246%
11	11.262	11.204	11.334	BV	772465	8378054	78.38%	4.641%
12	12.295	12.236	12.451	VV	821608	10688941	100.00%	5.921%
13	12.589	12.548	12.626	BV	832540	9864483	92.29%	5.464%
14	14.457	14.378	14.476	BV	678979	8774935	82.09%	4.861%
15	14.501	14.476	14.526	VV	744673	8903794	83.30%	4.932%
16	16.005	15.971	16.020	BV	603474	8569342	80.17%	4.747%
17	16.041	16.020	16.092	VV	721893	8532341	79.82%	4.726%
18	16.381	16.311	16.454	PV	632223	8284459	77.50%	4.589%
19	17.750	17.701	17.764	BV	607539	8723460	81.61%	4.832%
20	17.787	17.764	17.951	VV	610154	8242945	77.12%	4.566%
21	18.001	17.951	18.154	VB	543219	7963577	74.50%	4.411%
Sum of corrected areas:						180529374		

Aromatic EPH 093024.M Wed Oct 23 05:19:15 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102424AL\
 Data File : FC067519.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2024 12:48
 Operator : YP/AJ
 Sample : PB164368BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164368BSD

Integration File: autoint1.e
 Quant Time: Oct 25 01:20:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.935	3852811	35.678 ug/ml
Spiked Amount 50.000		Recovery =	71.36%
Target Compounds			
1) T n-Nonane (C9)	3.274	3181956	23.619 ug/ml
2) T n-Decane (C10)	4.339	3995881	29.328 ug/ml
4) T n-Dodecane (C12)	6.355	4615811	34.080 ug/ml
6) T n-Tetradecane (C14)	8.148	4960737	37.793 ug/ml
7) T n-Hexadecane (C16)	9.746	5380728	40.731 ug/ml
8) T n-Octadecane (C18)	11.186	5663916	42.872 ug/ml
10) T n-Eicosane (C20)	12.494	6072130	48.124 ug/ml
11) T n-Heneicosane (C21)	13.105	5917470	47.948 ug/ml
13) T n-Docosane (C22)	13.690	5916069	48.315 ug/ml
14) T n-Tetracosane (C24)	14.791	5850737	48.269 ug/ml
15) T n-Hexacosane (C26)	15.811	5768313	48.451 ug/ml
16) T n-Octacosane (C28)	16.760	5714313	48.572 ug/ml
17) T n-Tricontane (C30)	17.647	5777502	47.799 ug/ml
18) T n-Dotriacontane (C32)	18.478	5770757	48.772 ug/ml
19) T n-Tetratriacontane (C34)	19.261	5771969	55.114 ug/ml
20) T n-Hexatriacontane (C36)	19.998	5729551	62.943 ug/ml
21) T n-Octatriacontane (C38)	20.722	5803523	67.013 ug/ml
22) T n-Tetracontane (C40)	21.609	5827664	68.552 ug/ml

(f)=RT Delta > 1/2 Window

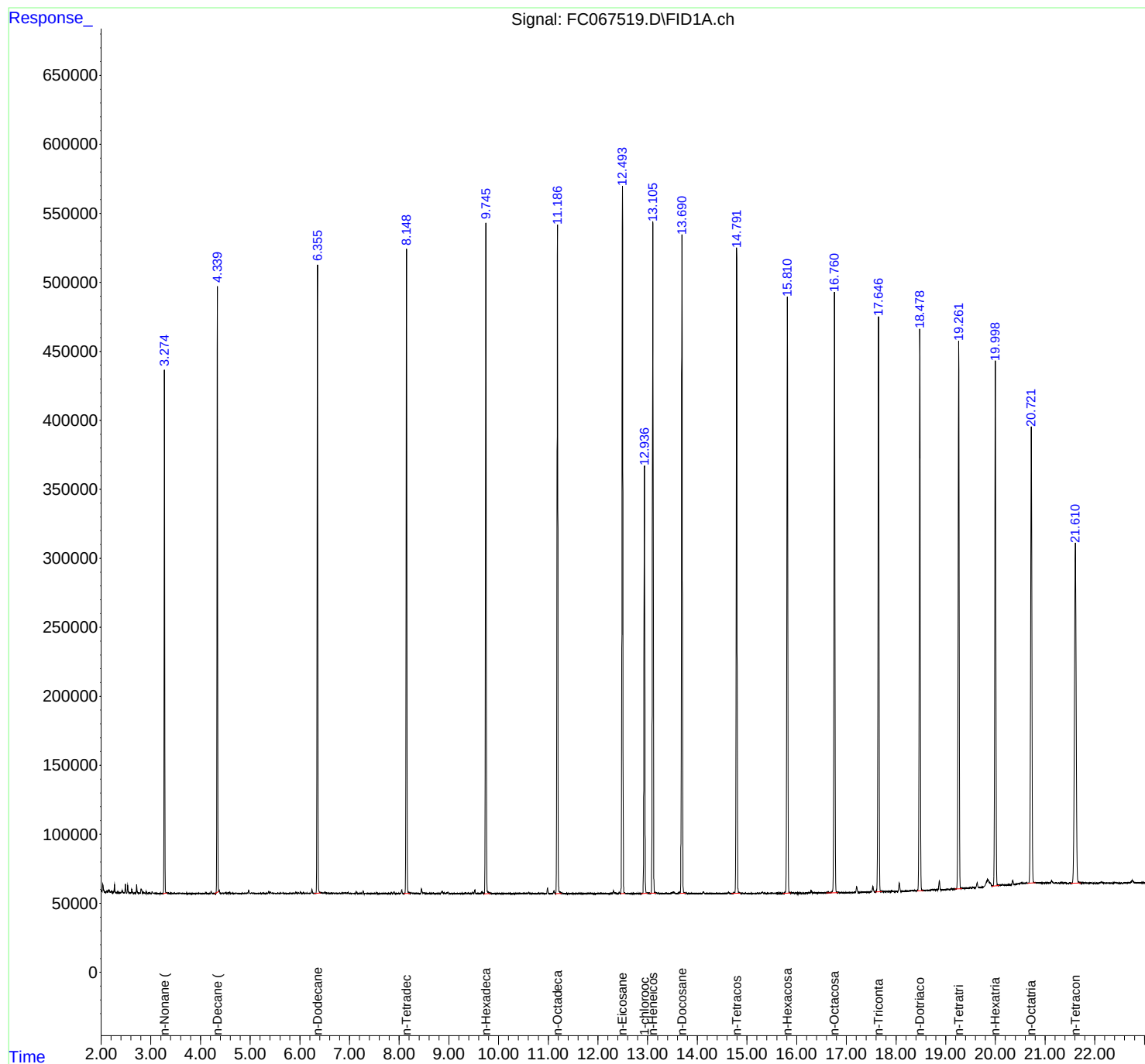
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
Data File : FC067519.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2024 12:48
Operator : YP/AJ
Sample : PB164368BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB164368BSD

Integration File: autoint1.e
Quant Time: Oct 25 01:20:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102424AL\
 Data File : FC067519.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2024 12:48
 Sample : PB164368BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.245	3.327	BB	378472	3181956	52.40%	3.133%
2	4.339	4.284	4.370	BV	438772	3995881	65.81%	3.934%
3	6.355	6.292	6.420	BB	454625	4615811	76.02%	4.544%
4	8.148	8.087	8.219	BB	468688	4960737	81.70%	4.884%
5	9.746	9.707	9.834	BB	485071	5380728	88.61%	5.297%
6	11.186	11.142	11.267	PB	483080	5663916	93.28%	5.576%
7	12.494	12.455	12.547	PB	512821	6072130	100.00%	5.978%
8	12.935	12.874	12.997	BB	308512	3852811	63.45%	3.793%
9	13.105	13.037	13.175	BB	485900	5917470	97.45%	5.826%
10	13.690	13.654	13.762	VB	477438	5916069	97.43%	5.825%
11	14.791	14.695	14.862	BB	463925	5850737	96.35%	5.760%
12	15.811	15.725	15.884	BB	431056	5768313	95.00%	5.679%
13	16.760	16.595	16.824	BB	433751	5714313	94.11%	5.626%
14	17.647	17.580	17.715	BB	416694	5777502	95.15%	5.688%
15	18.478	18.425	18.549	BB	408349	5770757	95.04%	5.681%
16	19.261	19.190	19.327	BV	393425	5771969	95.06%	5.683%
17	19.998	19.935	20.075	VB	380817	5729551	94.36%	5.641%
18	20.722	20.649	20.809	BB	329666	5803523	95.58%	5.714%
19	21.609	21.517	21.722	BB	246088	5827664	95.97%	5.737%
Sum of corrected areas:						101571837		

Aliphatic EPH 102324.M Fri Oct 25 01:29:58 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048581.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 12:48
 Operator : YP/AJ
 Sample : PB164368BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164368BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e

Quant Time: Oct 25 01:32:44 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	9324431	61.434 ug/ml
Spiked Amount 50.000		Recovery =	122.87%
6) S 2-Fluorobiphenyl (SURR)	8.225	6235301	63.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.00%
11) S ortho-Terphenyl (SURR)	11.262	8632281	50.677 ug/ml
Spiked Amount 50.000		Recovery =	101.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.197	7149109	41.094 ug/mlm
2) T Naphthalene (C11.7)	5.715	8220179	46.068 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	8102631	45.300 ug/ml
5) T Acenaphthylene (C15.06)	8.028	8651569	49.271 ug/ml
7) T Acenaphthene (C15.5)	8.324	9117504	51.406 ug/ml
8) T Flouorene (C16.55)	9.101	9398047	55.598 ug/ml
9) T Phenanthrene (C19.36)	10.490	9622711	58.212 ug/ml
10) T Anthracene (C19.43)	10.566	9779454	61.156 ug/ml
12) T Fluoranthene (C21.85)	12.296	9767225	59.347 ug/mlm
13) T Pyrene (C20.8)	12.589	10178167	63.188 ug/ml
14) T Benzo[a]anthracene (C...	14.459	9080335	62.102 ug/ml
15) T Chrysene (C27.41)	14.502	9188696	55.861 ug/ml
16) T benzo[b]fluoranthene ...	16.007	8908433	58.597 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	8901682	59.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	8544702	56.777 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	8997968	68.962 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	8643535	53.114 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	8235905	53.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
Data File : FD048581.D
Signal(s) : FID2B.ch
Acq On : 24 Oct 2024 12:48
Operator : YP/AJ
Sample : PB164368BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164368BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e

Quant Time: Oct 25 01:32:44 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

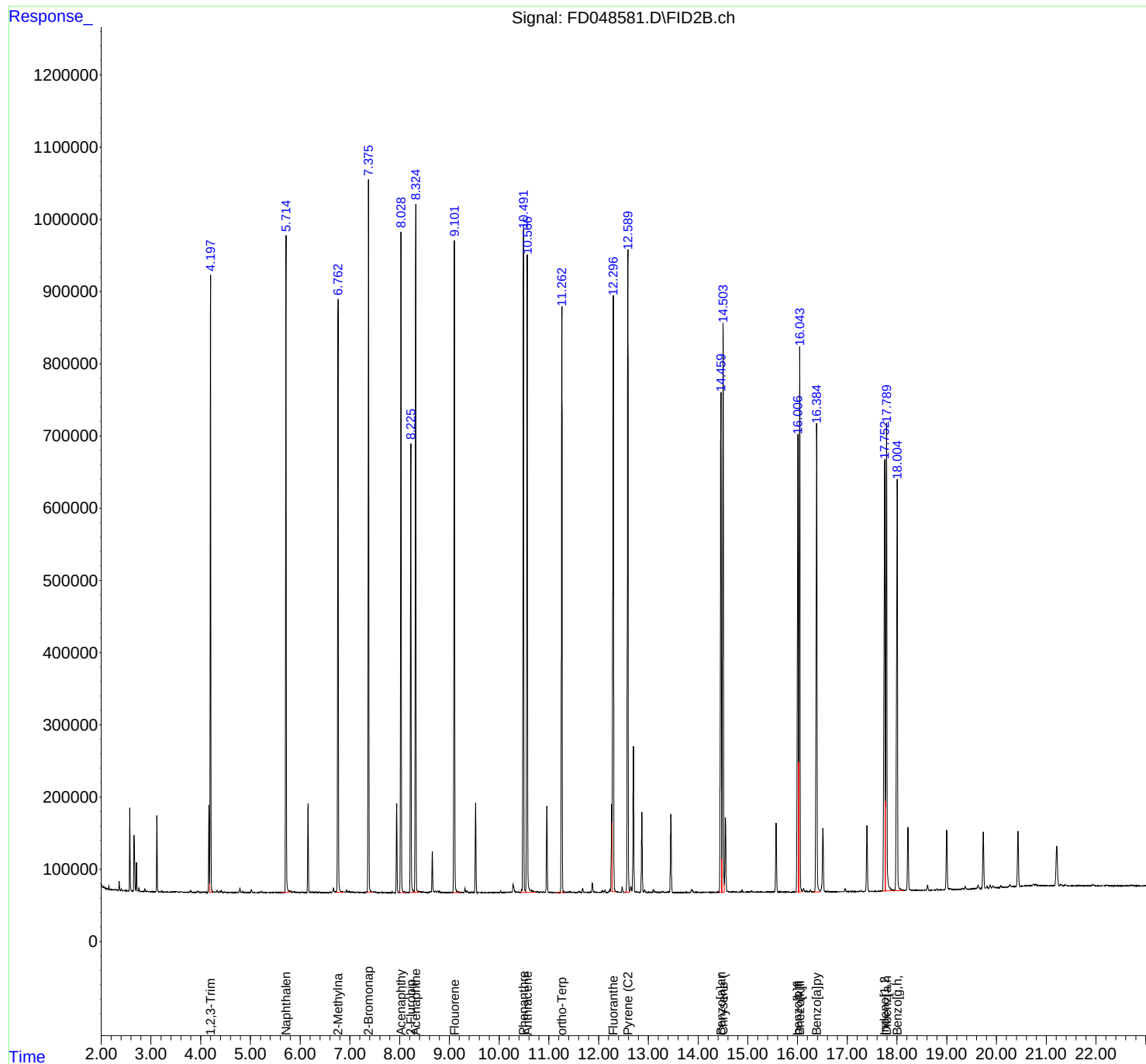
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



rteres

Instrument :

FID_D

ClientSampleId :

PB164368BSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :Ankita Jodhani 10/25/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10242
 Data File : FD048581.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 12:48
 Sample : PB164368BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.197	4.179	4.260	M	855072	7163429	64.91%	3.852%
2	5.715	5.614	5.808	BV	905855	8220179	74.49%	4.420%
3	6.762	6.728	6.888	VV	817982	8102631	73.43%	4.357%
4	7.375	7.344	7.471	VV	977695	9324431	84.50%	5.014%
5	8.028	7.982	8.118	VV	908802	8651569	78.40%	4.652%
6	8.225	8.193	8.294	PV	619554	6235301	56.50%	3.353%
7	8.324	8.294	8.414	VB	955492	9117504	82.62%	4.903%
8	9.101	9.068	9.241	BV	899023	9398047	85.16%	5.054%
9	10.490	10.410	10.531	PV	926790	9622711	87.20%	5.175%
10	10.566	10.531	10.738	VV	894479	9779454	88.62%	5.259%
11	11.262	11.136	11.328	PV	799878	8632281	78.22%	4.642%
12	12.295	12.236	12.451	VV	813985	11035222	100.00%	5.934%
13	12.589	12.510	12.628	VV	874011	10178167	92.23%	5.473%
14	14.459	14.414	14.477	PV	694695	9080335	82.29%	4.883%
15	14.502	14.477	14.526	VV	778202	9188696	83.27%	4.941%
16	16.007	15.961	16.022	BV	636119	8908433	80.73%	4.790%
17	16.042	16.022	16.095	VV	745073	8901682	80.67%	4.787%
18	16.383	16.318	16.454	BV	656180	8544702	77.43%	4.595%
19	17.751	17.701	17.766	BV	599052	8997968	81.54%	4.839%
20	17.788	17.766	17.948	VV	640108	8643535	78.33%	4.648%
21	18.003	17.948	18.144	VV	581930	8235905	74.63%	4.429%
Sum of corrected areas:						185962182		

Aromatic EPH 102324.M Fri Oct 25 01:57:20 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067492.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 05:28
 Operator : YP/AJ
 Sample : P4460-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

WB-303-BOTMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:20 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

Qlast Update : Tue Oct 01 09:13:32 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.935	3499428	30.915 ug/mlm
Spiked Amount 50.000		Recovery =	61.83%
Target Compounds			
1) T n-Nonane (C9)	3.274	3168879	24.999 ug/ml
2) T n-Decane (C10)	4.340	4004691	31.155 ug/ml
4) T n-Dodecane (C12)	6.357	6833351	52.661 ug/mlm
6) T n-Tetradecane (C14)	8.152	10424558	80.938 ug/mlm
7) T n-Hexadecane (C16)	9.748	6570361	49.357 ug/ml
8) T n-Octadecane (C18)	11.187	5637137	41.571 ug/ml
10) T n-Eicosane (C20)	12.494	5679037	43.494 ug/ml
11) T n-Heneicosane (C21)	13.106	5457323	42.550 ug/ml
13) T n-Docosane (C22)	13.692	5494434	43.030 ug/ml
14) T n-Tetracosane (C24)	14.793	5335575	41.719 ug/ml
15) T n-Hexacosane (C26)	15.812	5255785	41.684 ug/mlm
16) T n-Octacosane (C28)	16.761	5245867	41.757 ug/ml
17) T n-Tricontane (C30)	17.647	5249681	40.751 ug/ml
18) T n-Dotriacontane (C32)	18.478	5231590	41.877 ug/ml
19) T n-Tetratriacontane (C34)	19.260	5283731	48.352 ug/ml
20) T n-Hexatriacontane (C36)	20.000	5262809	55.681 ug/mlm
21) T n-Octatriacontane (C38)	20.722	5358205	61.097 ug/ml
22) T n-Tetracontane (C40)	21.609	5468787	63.555 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067492.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 05:28
Operator : YP/AJ
Sample : P4460-03MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_C

Client SampleId :

WB-303-BOTMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:20 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

QLast Update : Tue Oct 01 09:13:32 2024

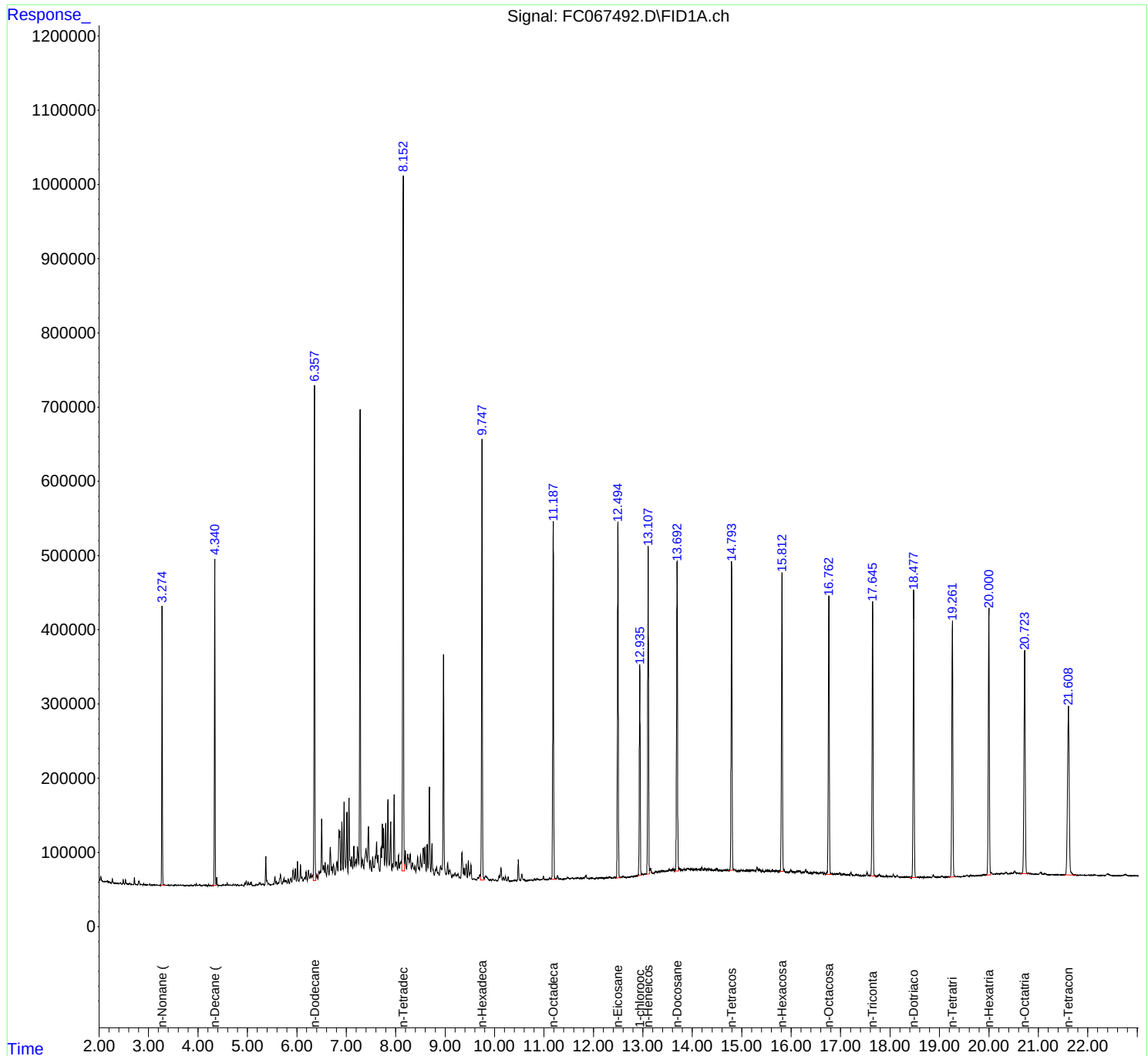
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID_C

ClientSampleId :

WB-303-BOTMS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10222
 Data File : FC067492.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 05:28
 Sample : P4460-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.243	3.358	PV	375417	3182670	26.98%	1.404%
2	3.371	3.358	3.384	VV	335	3628	0.03%	0.002%
3	3.398	3.384	3.437	VV	393	7340	0.06%	0.003%
4	3.474	3.437	3.503	VV	488	9158	0.08%	0.004%
5	3.514	3.503	3.521	VV	230	1633	0.01%	0.001%
6	3.540	3.521	3.569	VV	631	11210	0.10%	0.005%
7	3.598	3.569	3.628	VV	530	9119	0.08%	0.004%
8	3.646	3.628	3.685	VV	790	11943	0.10%	0.005%
9	3.714	3.685	3.750	VV	292	6211	0.05%	0.003%
10	3.765	3.750	3.799	VV	373	5710	0.05%	0.003%
11	3.811	3.799	3.827	VV	202	2069	0.02%	0.001%
12	3.858	3.827	3.900	PV	535	12541	0.11%	0.006%
13	3.939	3.900	3.953	PV	1687	21376	0.18%	0.009%
14	3.968	3.953	3.987	VV	2425	21828	0.19%	0.010%
15	4.001	3.987	4.018	VV	502	5898	0.05%	0.003%
16	4.035	4.018	4.085	VV	1892	20992	0.18%	0.009%
17	4.117	4.085	4.134	VV	1309	17985	0.15%	0.008%
18	4.144	4.134	4.194	VV	731	11910	0.10%	0.005%
19	4.215	4.194	4.234	VV	1377	13220	0.11%	0.006%
20	4.253	4.234	4.275	VV	397	5510	0.05%	0.002%
21	4.291	4.275	4.309	VV	430	4361	0.04%	0.002%
22	4.340	4.309	4.365	VV	438253	4012442	34.01%	1.771%
23	4.380	4.365	4.427	VV	11049	115468	0.98%	0.051%
24	4.447	4.427	4.474	VV	398	8215	0.07%	0.004%
25	4.505	4.474	4.524	VV	1428	23277	0.20%	0.010%
26	4.536	4.524	4.551	VV	877	11801	0.10%	0.005%
27	4.563	4.551	4.576	VV	1501	15285	0.13%	0.007%
28	4.592	4.576	4.608	VV	3406	32242	0.27%	0.014%
29	4.620	4.608	4.632	VV	1357	12162	0.10%	0.005%
30	4.646	4.632	4.659	VV	1032	13603	0.12%	0.006%
31	4.664	4.659	4.682	VV	831	8025	0.07%	0.004%
32	4.713	4.682	4.731	VV	2157	28697	0.24%	0.013%
33	4.754	4.731	4.775	VV	2037	28373	0.24%	0.013%
34	4.790	4.775	4.841	VV	1206	27164	0.23%	0.012%
35	4.862	4.841	4.878	VV	980	12433	0.11%	0.005%
36	4.892	4.878	4.918	VV	1043	14733	0.12%	0.007%

Instrument : FID_C									
ClientSampleId : WB-303-BOTMS									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
					rters				
37	4.947	4.918	4.958	PV	3434	34986	0.30%	0.015%	
38	4.975	4.958	5.000	VV	6154	80841			
39	5.016	5.000	5.039	VV	4900	59634			
40	5.053	5.039	5.064	VV	3035	30047			
41	5.078	5.064	5.117	VV	4923	55610			
42	5.133	5.117	5.153	PV	474	5461			
43	5.174	5.153	5.201	VV	2051	29589	0.25%	0.013%	
44	5.240	5.201	5.252	VV	3685	55755	0.47%	0.025%	
45	5.263	5.252	5.280	VV	3702	39531	0.34%	0.017%	
46	5.302	5.280	5.312	VV	1778	27466	0.23%	0.012%	
47	5.322	5.312	5.346	VV	1704	21867	0.19%	0.010%	
48	5.373	5.346	5.421	VV	38672	472004	4.00%	0.208%	
49	5.431	5.421	5.457	VV	2802	42916	0.36%	0.019%	
50	5.467	5.457	5.479	VV	1086	11666	0.10%	0.005%	
51	5.494	5.479	5.503	VV	1336	15609	0.13%	0.007%	
52	5.519	5.503	5.534	VV	1698	28110	0.24%	0.012%	
53	5.557	5.534	5.576	VV	11755	158049	1.34%	0.070%	
54	5.587	5.576	5.604	VV	5594	60096	0.51%	0.027%	
55	5.622	5.604	5.634	VV	3697	51486	0.44%	0.023%	
56	5.671	5.634	5.701	VV	14386	283782	2.41%	0.125%	
57	5.742	5.701	5.755	VV	9526	168313	1.43%	0.074%	
58	5.764	5.755	5.774	VV	6520	65922	0.56%	0.029%	
59	5.786	5.774	5.805	VV	6754	94561	0.80%	0.042%	
60	5.827	5.805	5.848	VV	8847	136314	1.16%	0.060%	
61	5.877	5.848	5.897	VV	9137	181379	1.54%	0.080%	
62	5.924	5.897	5.949	VV	19948	394295	3.34%	0.174%	
63	5.970	5.949	5.993	VV	22280	334651	2.84%	0.148%	
64	6.014	5.993	6.040	VV	31994	408135	3.46%	0.180%	
65	6.075	6.040	6.094	VV	27835	431891	3.66%	0.191%	
66	6.105	6.094	6.125	VV	10515	159543	1.35%	0.070%	
67	6.160	6.125	6.171	VV	10642	227582	1.93%	0.100%	
68	6.188	6.171	6.214	VV	18097	293732	2.49%	0.130%	
69	6.236	6.214	6.262	VV	19517	377891	3.20%	0.167%	
70	6.284	6.262	6.298	VV	15683	266959	2.26%	0.118%	
71	6.309	6.298	6.316	VV	12408	122490	1.04%	0.054%	
72	6.357	6.316	6.428	VV	675336	7467517	63.29%	3.295%	
73	6.448	6.428	6.463	VV	18517	315554	2.67%	0.139%	
74	6.504	6.463	6.529	VV	89010	1415625	12.00%	0.625%	
75	6.542	6.529	6.559	VV	26373	394480	3.34%	0.174%	
76	6.574	6.559	6.602	VV	30413	521763	4.42%	0.230%	
77	6.630	6.602	6.652	VV	26915	614551	5.21%	0.271%	
78	6.677	6.652	6.702	VV	50358	939905	7.97%	0.415%	
79	6.711	6.702	6.724	VV	24468	279685	2.37%	0.123%	
80	6.741	6.724	6.773	VV	27302	616954	5.23%	0.272%	
81	6.812	6.773	6.830	VV	30801	758128	6.43%	0.335%	
82	6.854	6.830	6.892	VV	73933	1817242	15.40%	0.802%	
83	6.912	6.892	6.935	VV	84503	1200593	10.18%	0.530%	
84	6.957	6.935	6.987	VV	111070	1657303	14.05%	0.731%	
85	7.014	6.987	7.034	VV	98384	1347823	11.42%	0.595%	
86	7.056	7.034	7.094	VV	115288	1834383	15.55%	0.809%	
87	7.112	7.094	7.131	VV	37404	656023	5.56%	0.289%	
88	7.155	7.131	7.173	VV	51812	869545	7.37%	0.384%	
89	7.200	7.173	7.212	VV	34410	699457	5.93%	0.309%	

Instrument : FID_C									
ClientSampleId : WB-303-BOTMS									
90	7.229	7.212	7.253	VV	50891	970935	8.23%	0.428%	A
91	7.281	7.253	7.306	VV	634819	7112863	60.00%	0.000%	B
92	7.327	7.306	7.354	VV	33526	803028	6.00%	0.000%	C
93	7.399	7.354	7.424	VV	47648	1556067	13.00%	0.000%	D
94	7.449	7.424	7.476	VV	77824	1516519	12.00%	0.000%	E
95	7.490	7.476	7.514	VV	32369	575357	4.00%	0.000%	F
96	7.536	7.514	7.571	VV	37406	898276	7.61%	0.396%	G
97	7.614	7.571	7.630	VV	57365	1380145	11.70%	0.609%	H
98	7.642	7.630	7.679	VV	39030	818359	6.94%	0.361%	I
99	7.704	7.679	7.714	VV	49170	699168	5.93%	0.309%	J
100	7.732	7.714	7.745	VV	81353	1082672	9.18%	0.478%	
101	7.756	7.745	7.775	VV	75469	955211	8.10%	0.421%	
102	7.798	7.775	7.820	VV	82095	1289622	10.93%	0.569%	
103	7.844	7.820	7.870	VV	113905	1748710	14.82%	0.772%	
104	7.899	7.870	7.923	VV	83873	1369989	11.61%	0.605%	
105	7.938	7.923	7.947	VV	27414	355426	3.01%	0.157%	
106	7.969	7.947	7.993	VV	120230	1633640	13.85%	0.721%	
107	8.012	7.993	8.038	VV	29408	682242	5.78%	0.301%	
108	8.057	8.038	8.076	VV	38709	638942	5.42%	0.282%	
109	8.152	8.076	8.179	VV	942756	11798262	100.00%	5.206%	
110	8.196	8.179	8.219	VV	45176	773497	6.56%	0.341%	
111	8.244	8.219	8.276	VV	40165	1072786	9.09%	0.473%	
112	8.294	8.276	8.319	VV	40002	815074	6.91%	0.360%	
113	8.340	8.319	8.373	VV	28631	774799	6.57%	0.342%	
114	8.390	8.373	8.409	VV	24302	444211	3.77%	0.196%	
115	8.446	8.409	8.483	VV	36759	1107387	9.39%	0.489%	
116	8.503	8.483	8.531	VV	38681	803149	6.81%	0.354%	
117	8.562	8.531	8.580	VV	47719	1073106	9.10%	0.474%	
118	8.594	8.580	8.617	VV	49712	758495	6.43%	0.335%	
119	8.636	8.617	8.655	VV	52426	774487	6.56%	0.342%	
120	8.683	8.655	8.710	VV	129299	1909167	16.18%	0.842%	
121	8.734	8.710	8.781	VV	53726	1075531	9.12%	0.475%	
122	8.829	8.781	8.854	VV	22295	736579	6.24%	0.325%	
123	8.860	8.854	8.880	VV	15006	207830	1.76%	0.092%	
124	8.910	8.880	8.929	VV	24018	553576	4.69%	0.244%	
125	8.969	8.929	9.024	VV	307474	4147887	35.16%	1.830%	
126	9.052	9.024	9.074	VV	27404	563177	4.77%	0.249%	
127	9.095	9.074	9.137	VV	17438	534539	4.53%	0.236%	
128	9.159	9.137	9.177	VV	10728	238867	2.02%	0.105%	
129	9.200	9.177	9.219	VV	14137	295172	2.50%	0.130%	
130	9.227	9.219	9.235	VV	10967	101978	0.86%	0.045%	
131	9.250	9.235	9.284	VV	12286	321018	2.72%	0.142%	
132	9.293	9.284	9.311	VV	8474	130378	1.11%	0.058%	
133	9.341	9.311	9.372	VV	41390	834691	7.07%	0.368%	
134	9.385	9.372	9.402	VV	20346	287948	2.44%	0.127%	
135	9.426	9.402	9.449	VV	25859	475610	4.03%	0.210%	
136	9.471	9.449	9.492	VV	30373	464635	3.94%	0.205%	
137	9.524	9.492	9.553	VV	25077	496921	4.21%	0.219%	
138	9.580	9.553	9.631	VV	6374	253250	2.15%	0.112%	
139	9.663	9.631	9.677	VV	7883	168476	1.43%	0.074%	
140	9.701	9.677	9.716	VV	11510	215577	1.83%	0.095%	
141	9.748	9.716	9.791	VV	594449	6766244	57.35%	2.986%	

Parameters									
142	9.818	9.791	9.839	VV	9622	233376	1.98%	0.103%	
143	9.846	9.839	9.894	VV	7829	197668			
144	9.915	9.894	9.936	VV	5005	107946			
145	9.957	9.936	9.998	VV	4821	154538			
146	10.020	9.998	10.047	VV	4524	106795			
147	10.091	10.047	10.104	VV	9840	192704			
148	10.132	10.104	10.159	VV	20038	381674	3.24%	0.168%	
149	10.180	10.159	10.200	VV	7640	137559	1.17%	0.061%	
150	10.222	10.200	10.248	VV	8363	152365	1.29%	0.067%	
151	10.276	10.248	10.303	VV	7934	145958	1.24%	0.064%	
152	10.330	10.303	10.353	VV	2340	68039	0.58%	0.030%	
153	10.380	10.353	10.391	VV	3093	63020	0.53%	0.028%	
154	10.413	10.391	10.441	VV	3863	94219	0.80%	0.042%	
155	10.482	10.441	10.517	VV	31000	458570	3.89%	0.202%	
156	10.554	10.517	10.588	VV	11511	267887	2.27%	0.118%	
157	10.599	10.588	10.630	VV	4377	91613	0.78%	0.040%	
158	10.649	10.630	10.659	VV	2713	44366	0.38%	0.020%	
159	10.682	10.659	10.699	VV	3516	73972	0.63%	0.033%	
160	10.719	10.699	10.738	VV	3604	77924	0.66%	0.034%	
161	10.755	10.738	10.779	VV	3558	77207	0.65%	0.034%	
162	10.804	10.779	10.836	VV	5002	134767	1.14%	0.059%	
163	10.856	10.836	10.888	VV	4960	132280	1.12%	0.058%	
164	10.894	10.888	10.916	VV	4496	67448	0.57%	0.030%	
165	10.936	10.916	10.949	VV	4415	74597	0.63%	0.033%	
166	10.988	10.949	11.046	VV	8548	277521	2.35%	0.122%	
167	11.076	11.046	11.091	VV	4124	104933	0.89%	0.046%	
168	11.114	11.091	11.149	VV	6529	176153	1.49%	0.078%	
169	11.187	11.149	11.244	VV	486463	5880119	49.84%	2.595%	
170	11.275	11.244	11.312	VV	9204	249129	2.11%	0.110%	
171	11.340	11.312	11.371	VV	4662	152035	1.29%	0.067%	
172	11.419	11.371	11.436	VV	4655	170297	1.44%	0.075%	
173	11.481	11.436	11.521	VV	6595	271101	2.30%	0.120%	
174	11.576	11.521	11.605	VV	5725	257138	2.18%	0.113%	
175	11.632	11.605	11.651	VV	5231	139676	1.18%	0.062%	
176	11.676	11.651	11.694	VV	6245	142341	1.21%	0.063%	
177	11.707	11.694	11.724	VV	5213	90323	0.77%	0.040%	
178	11.741	11.724	11.764	VV	5278	122018	1.03%	0.054%	
179	11.793	11.764	11.806	VV	5610	131794	1.12%	0.058%	
180	11.850	11.806	11.891	VV	9294	324212	2.75%	0.143%	
181	11.894	11.891	11.914	VV	5041	67003	0.57%	0.030%	
182	11.937	11.914	11.948	VV	5157	96749	0.82%	0.043%	
183	11.980	11.948	12.028	VV	5278	231255	1.96%	0.102%	
184	12.073	12.028	12.097	VV	5551	204129	1.73%	0.090%	
185	12.127	12.097	12.197	VV	5429	302008	2.56%	0.133%	
186	12.265	12.197	12.290	VV	5703	283791	2.41%	0.125%	
187	12.319	12.290	12.338	VV	6965	170521	1.45%	0.075%	
188	12.347	12.338	12.389	VV	5921	163068	1.38%	0.072%	
189	12.428	12.389	12.457	VV	6397	223593	1.90%	0.099%	
190	12.494	12.457	12.548	VV	484020	5957829	50.50%	2.629%	
191	12.593	12.548	12.661	VV	7390	411786	3.49%	0.182%	
192	12.704	12.661	12.727	VV	6048	226173	1.92%	0.100%	
193	12.750	12.727	12.794	VV	6646	258731	2.19%	0.114%	
194	12.822	12.794	12.841	VV	7348	191980	1.63%	0.085%	

Instrument :

FID_C

ClientSampleId :

WB-303-BOTMS

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

							Instrument : FID_C	
							ClientSampleId : WB-303-BOTMS	
195	12.936	12.841	12.969	VV	287005	4099493	34.75%	1.809%
							Manual IntegrationsAPPROVED	
196	12.989	12.969	13.018	VV	9897	278150		
197	13.037	13.018	13.058	VV	10424	237740		
198	13.106	13.058	13.136	VV	450721	5921656	50.81%	2.409%
199	13.155	13.136	13.214	VV	17464	624072	8.56%	0.369%
200	13.264	13.214	13.294	VV	14038	574721	2.43%	0.100%
201	13.317	13.294	13.341	VV	13354	362614	3.07%	0.160%
202	13.372	13.341	13.398	VV	13978	454861	3.86%	0.201%
203	13.416	13.398	13.445	VV	14165	386021	3.27%	0.170%
204	13.483	13.445	13.500	VV	14095	448906	3.80%	0.198%
205	13.533	13.500	13.564	VV	15796	564542	4.78%	0.249%
206	13.610	13.564	13.649	VV	16159	775393	6.57%	0.342%
207	13.692	13.649	13.724	VV	429624	6103422	51.73%	2.693%
208	13.735	13.724	13.799	VV	17003	692382	5.87%	0.306%
209	13.840	13.799	13.878	VV	16068	719119	6.10%	0.317%
210	13.903	13.878	13.974	VV	16950	925022	7.84%	0.408%
211	14.005	13.974	14.034	VV	15827	550910	4.67%	0.243%
212	14.078	14.034	14.104	VV	15582	643173	5.45%	0.284%
213	14.135	14.104	14.156	VV	15511	471930	4.00%	0.208%
214	14.191	14.156	14.233	VV	17748	717731	6.08%	0.317%
215	14.253	14.233	14.286	VV	17192	488982	4.14%	0.216%
216	14.311	14.286	14.328	VV	15828	377054	3.20%	0.166%
217	14.335	14.328	14.361	VV	15309	303146	2.57%	0.134%
218	14.367	14.361	14.428	VV	15101	572635	4.85%	0.253%
219	14.497	14.428	14.531	VV	16001	897856	7.61%	0.396%
220	14.538	14.531	14.582	VV	14381	412601	3.50%	0.182%
221	14.597	14.582	14.611	VV	13696	236559	2.01%	0.104%
222	14.639	14.611	14.653	VV	14044	344581	2.92%	0.152%
223	14.678	14.653	14.741	VV	14475	723368	6.13%	0.319%
224	14.793	14.741	14.834	VV	428638	6098987	51.69%	2.691%
225	14.844	14.834	14.918	VV	15104	674867	5.72%	0.298%
226	14.926	14.918	14.961	VV	13117	327309	2.77%	0.144%
227	14.985	14.961	15.013	VV	14204	416227	3.53%	0.184%
228	15.040	15.013	15.078	VV	13725	507950	4.31%	0.224%
229	15.098	15.078	15.148	VV	13452	540823	4.58%	0.239%
230	15.182	15.148	15.193	VV	13497	356345	3.02%	0.157%
231	15.218	15.193	15.266	VV	13671	575691	4.88%	0.254%
232	15.279	15.266	15.286	VV	13089	157452	1.33%	0.069%
233	15.308	15.286	15.332	VV	17571	403721	3.42%	0.178%
234	15.352	15.332	15.414	VV	14298	647517	5.49%	0.286%
235	15.423	15.414	15.463	VV	12658	351386	2.98%	0.155%
236	15.490	15.463	15.554	VV	12763	666298	5.65%	0.294%
237	15.563	15.554	15.588	VV	12386	235947	2.00%	0.104%
238	15.619	15.588	15.647	VV	12982	443050	3.76%	0.196%
239	15.669	15.647	15.675	VV	12663	204538	1.73%	0.090%
240	15.682	15.675	15.692	VV	12572	130918	1.11%	0.058%
241	15.706	15.692	15.751	VV	12526	415411	3.52%	0.183%
242	15.812	15.751	15.894	VV	400500	6250048	52.97%	2.758%
243	15.913	15.894	15.948	VV	10601	329975	2.80%	0.146%
244	15.990	15.948	16.081	VV	13293	882187	7.48%	0.389%
245	16.120	16.081	16.138	VV	11705	375193	3.18%	0.166%
246	16.164	16.138	16.228	VV	12007	575388	4.88%	0.254%

Instrument : FID_C									
ClientSampleId : WB-303-BOTMS									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
	rteres								
247	16.290	16.228	16.311	VV	13660	530964	4.50%	0.234%	
248	16.324	16.311	16.362	VV	10220	289724			
249	16.372	16.362	16.395	VV	8815	171876			
250	16.405	16.395	16.427	VV	9190	166701			
251	16.456	16.427	16.578	VV	9969	809609			
252	16.598	16.578	16.618	VV	9291	213027			
253	16.635	16.618	16.658	VV	9296	208352	1.77%	0.092%	
254	16.671	16.658	16.694	VV	7918	170297	1.44%	0.075%	
255	16.761	16.694	16.872	VV	378733	5976968	50.66%	2.637%	
256	16.923	16.872	16.957	VV	7570	365693	3.10%	0.161%	
257	16.982	16.957	17.031	VV	8004	302649	2.57%	0.134%	
258	17.081	17.031	17.147	VV	7046	440737	3.74%	0.194%	
259	17.158	17.147	17.180	VV	6230	117265	0.99%	0.052%	
260	17.208	17.180	17.258	VV	8839	307876	2.61%	0.136%	
261	17.267	17.258	17.287	VV	5190	83321	0.71%	0.037%	
262	17.320	17.287	17.380	VV	6348	306687	2.60%	0.135%	
263	17.393	17.380	17.418	VV	4975	106050	0.90%	0.047%	
264	17.441	17.418	17.461	VV	4756	115407	0.98%	0.051%	
265	17.480	17.461	17.504	VV	4810	121639	1.03%	0.054%	
266	17.532	17.504	17.568	VV	8260	226884	1.92%	0.100%	
267	17.577	17.568	17.598	VV	4814	81281	0.69%	0.036%	
268	17.647	17.598	17.728	VV	373286	5547652	47.02%	2.448%	
269	17.779	17.728	17.881	VV	5666	355117	3.01%	0.157%	
270	17.927	17.881	17.966	VV	3977	164701	1.40%	0.073%	
271	17.971	17.966	17.993	VV	3169	48573	0.41%	0.021%	
272	18.008	17.993	18.018	VV	3294	44121	0.37%	0.019%	
273	18.026	18.018	18.040	VV	2845	37094	0.31%	0.016%	
274	18.065	18.040	18.121	VV	5905	167758	1.42%	0.074%	
275	18.144	18.121	18.197	VV	4120	127240	1.08%	0.056%	
276	18.206	18.197	18.261	VV	2285	72552	0.61%	0.032%	
277	18.335	18.261	18.421	VV	2314	177863	1.51%	0.078%	
278	18.478	18.421	18.539	VV	387826	5324275	45.13%	2.349%	
279	18.567	18.539	18.591	VV	2154	51557	0.44%	0.023%	
280	18.617	18.591	18.641	VV	2028	48918	0.41%	0.022%	
281	18.664	18.641	18.681	VV	1597	33835	0.29%	0.015%	
282	18.705	18.681	18.713	VV	1429	24843	0.21%	0.011%	
283	18.738	18.713	18.750	VV	1601	32266	0.27%	0.014%	
284	18.759	18.750	18.833	VV	1569	66213	0.56%	0.029%	
285	18.871	18.833	18.943	VV	4363	143211	1.21%	0.063%	
286	18.964	18.943	18.985	VV	1718	37304	0.32%	0.016%	
287	18.995	18.985	19.004	VV	1364	14898	0.13%	0.007%	
288	19.040	19.004	19.091	VV	2479	99236	0.84%	0.044%	
289	19.102	19.091	19.121	VV	1627	27025	0.23%	0.012%	
290	19.126	19.121	19.140	VV	1582	16575	0.14%	0.007%	
291	19.166	19.140	19.180	VV	1755	37008	0.31%	0.016%	
292	19.198	19.180	19.210	VV	1587	26945	0.23%	0.012%	
293	19.260	19.210	19.327	VV	346443	5398120	45.75%	2.382%	
294	19.369	19.327	19.394	VV	2147	77826	0.66%	0.034%	
295	19.408	19.394	19.425	VV	1914	33112	0.28%	0.015%	
296	19.556	19.425	19.605	VV	3615	256591	2.17%	0.113%	
297	19.632	19.605	19.668	VV	3867	115303	0.98%	0.051%	
298	19.675	19.668	19.714	VV	2953	75215	0.64%	0.033%	
299	19.794	19.714	19.802	VV	3056	145312	1.23%	0.064%	

								Instrument : FID_C	
								ClientSampleId : WB-303-BOTMS	
300	19.897	19.802	19.938	VV	4077	275926	2.34%	0.122%	Manual IntegrationsAPPROVED Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024
301	19.999	19.938	20.037	VV	359143	5478127	46.83%	2.750%	
302	20.046	20.037	20.113	VV	6764	244822	2.34%	0.122%	
303	20.171	20.113	20.195	VV	5386	246670	2.34%	0.122%	
304	20.207	20.195	20.217	VV	5176	66583	0.66%	0.034%	
305	20.264	20.217	20.308	VV	5428	286411	2.34%	0.122%	Manual IntegrationsAPPROVED Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024
306	20.348	20.308	20.401	VV	6784	308382	2.61%	0.136%	
307	20.522	20.401	20.644	VV	8201	839338	7.11%	0.370%	
308	20.722	20.644	20.957	VV	305333	6232503	52.83%	2.750%	
309	20.967	20.957	20.984	VV	3962	62609	0.53%	0.028%	
310	21.046	20.984	21.104	VV	6396	336805	2.85%	0.149%	Manual IntegrationsAPPROVED Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024
311	21.131	21.104	21.191	VV	4718	201868	1.71%	0.089%	
312	21.196	21.191	21.214	VV	3198	43939	0.37%	0.019%	
313	21.223	21.214	21.238	VV	3199	44821	0.38%	0.020%	
314	21.279	21.238	21.294	VV	3225	103687	0.88%	0.046%	
315	21.301	21.294	21.327	VV	3136	59656	0.51%	0.026%	Manual IntegrationsAPPROVED Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024
316	21.334	21.327	21.348	VV	3138	38920	0.33%	0.017%	
317	21.392	21.388	21.405	VV	2921	29799	0.25%	0.013%	
318	21.429	21.405	21.471	VV	2842	107628	0.91%	0.047%	
319	21.487	21.471	21.521	VV	2691	77611	0.66%	0.034%	
320	21.608	21.521	21.724	VV	228469	5748258	48.72%	2.536%	Manual IntegrationsAPPROVED Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024
321	21.733	21.724	21.769	VV	2404	59067	0.50%	0.026%	
322	21.778	21.769	21.801	VBA	2072	52173	0.44%	0.023%	
Sum of corrected areas:					226623030				

Aliphatic EPH 100224.M Wed Oct 23 07:56:05 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048555.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 05:28
 Operator : YP/AJ
 Sample : P4460-03MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-303-BOTMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:31 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	7933941	47.920 ug/ml
Spiked Amount 50.000		Recovery =	95.84%
6) S 2-Fluorobiphenyl (SURR)	8.225	5063781	48.829 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.66%
11) S ortho-Terphenyl (SURR)	11.260	6142126	33.382 ug/ml
Spiked Amount 50.000		Recovery =	66.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	6421054	36.638 ug/ml
2) T Naphthalene (C11.7)	5.716	7710327	41.295 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	7476924	39.563 ug/ml
5) T Acenaphthylene (C15.06)	8.028	7602154	39.627 ug/ml
7) T Acenaphthene (C15.5)	8.324	8174836	43.217 ug/ml
8) T Fluorene (C16.55)	9.102	8088227	44.767 ug/ml
9) T Phenanthrene (C19.36)	10.489	8298893	46.826 ug/ml
10) T Anthracene (C19.43)	10.565	8378684	47.087 ug/ml
12) T Fluoranthene (C21.85)	12.294	8634562	47.738 ug/mlm
13) T Pyrene (C20.8)	12.588	8939667	49.923 ug/ml
14) T Benzo[a]anthracene (C...	14.457	7986328	49.972 ug/ml
15) T Chrysene (C27.41)	14.501	8083838	43.339 ug/ml
16) T benzo[b]fluoranthene ...	16.005	7807241	46.879 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	7804948	45.980 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	7535154	46.103 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	8092726	61.523 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	7635770	45.632 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	7369748	45.373 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
Data File : FD048555.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 05:28
Operator : YP/AJ
Sample : P4460-03MS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-303-BOTMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:31 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 2024

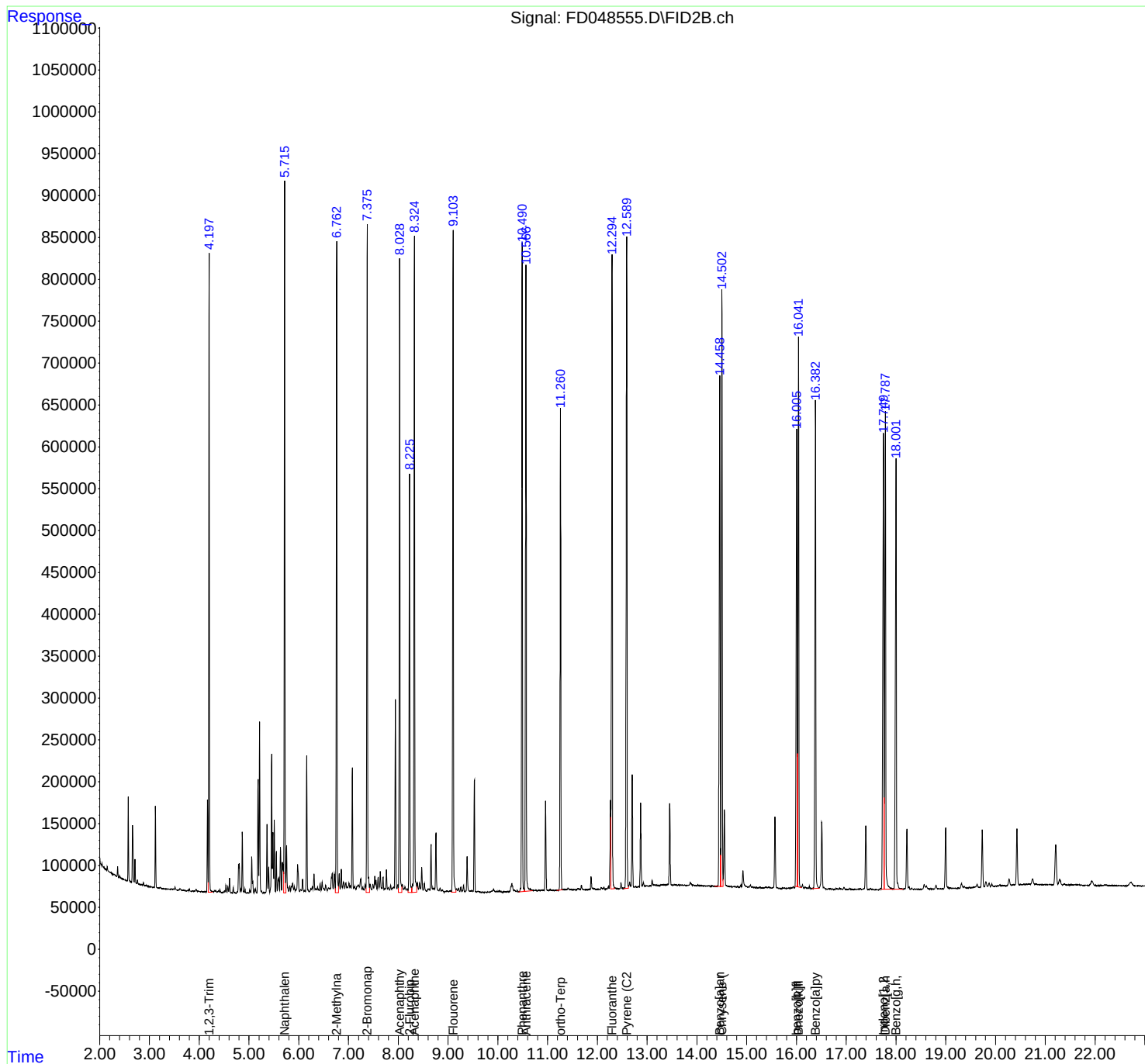
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



Instrument :

FID_D

ClientSampleId :

WB-303-BOTMS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10222

Data File : FD048555.D

Signal(s) : FID2B.ch

Acq On : 23 Oct 2024 05:28

Sample : P4460-03MS

Misc :

ALS Vial : 68 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.166	4.152	4.180	PV	102409	824568	9.04%	0.367%
2	4.198	4.180	4.260	PV	751843	6125746	67.17%	2.728%
3	4.278	4.260	4.293	PV	401	3591	0.04%	0.002%
4	4.307	4.293	4.315	PV	1715	13804	0.15%	0.006%
5	4.331	4.315	4.360	VV	2221	27033	0.30%	0.012%
6	4.387	4.360	4.402	VV	2124	24957	0.27%	0.011%
7	4.417	4.402	4.454	VV	3400	33115	0.36%	0.015%
8	4.484	4.454	4.495	PV	733	8659	0.09%	0.004%
9	4.511	4.495	4.522	VV	2566	23806	0.26%	0.011%
10	4.537	4.522	4.556	VV	9131	87050	0.95%	0.039%
11	4.574	4.556	4.593	VV	7617	89066	0.98%	0.040%
12	4.609	4.593	4.655	VV	17904	179315	1.97%	0.080%
13	4.683	4.655	4.707	PV	6275	62699	0.69%	0.028%
14	4.710	4.707	4.732	VV	751	6561	0.07%	0.003%
15	4.766	4.732	4.773	PV	2111	19777	0.22%	0.009%
16	4.792	4.773	4.798	VV	34485	290990	3.19%	0.130%
17	4.805	4.798	4.825	VV	35697	317099	3.48%	0.141%
18	4.839	4.825	4.848	VV	5268	50035	0.55%	0.022%
19	4.866	4.848	4.892	VV	73150	677103	7.43%	0.302%
20	4.895	4.892	4.905	VV	2071	13668	0.15%	0.006%
21	4.919	4.905	4.947	VV	5174	49300	0.54%	0.022%
22	4.956	4.947	4.962	VV	412	1654	0.02%	0.001%
23	4.979	4.962	5.000	VV	890	9128	0.10%	0.004%
24	5.015	5.000	5.035	PV	3820	37239	0.41%	0.017%
25	5.056	5.035	5.069	VV	43515	407270	4.47%	0.181%
26	5.076	5.069	5.097	VV	13888	115087	1.26%	0.051%
27	5.115	5.097	5.124	VV	4566	40082	0.44%	0.018%
28	5.133	5.124	5.157	VV	4880	44585	0.49%	0.020%
29	5.181	5.157	5.197	VV	135376	1264520	13.87%	0.563%
30	5.213	5.197	5.244	VV	203972	1893558	20.76%	0.843%
31	5.252	5.244	5.277	VV	2458	24598	0.27%	0.011%
32	5.295	5.277	5.309	VV	1559	15349	0.17%	0.007%
33	5.318	5.309	5.332	VV	615	6861	0.08%	0.003%
34	5.363	5.332	5.381	VV	82560	777174	8.52%	0.346%
35	5.395	5.381	5.416	VV	31148	294385	3.23%	0.131%
36	5.455	5.416	5.469	VV	166282	1582383	17.35%	0.705%

Instrument : FID_D ClientSampleId : WB-303-BOTMS									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024									
				rt	Area	Area%	Height	Height%	
37	5.481	5.469	5.495	VV	72564	716283	7.85%	0.319%	
38	5.508	5.495	5.530	VV	87335	806919	8.16%	0.319%	
39	5.549	5.530	5.568	VV	49770	464052	5.32%	0.319%	
40	5.585	5.568	5.590	VV	16592	144363	1.82%	0.319%	
41	5.600	5.590	5.614	VV	18563	187797	2.12%	0.319%	
42	5.634	5.614	5.654	VV	54656	653625	7.42%	0.319%	
43	5.671	5.654	5.679	VV	36802	351865	3.86%	0.157%	
44	5.688	5.679	5.696	VV	34806	307627	3.37%	0.137%	
45	5.716	5.696	5.738	VV	848000	7679406	84.21%	3.420%	
46	5.755	5.738	5.797	VV	56927	686360	7.53%	0.306%	
47	5.821	5.797	5.836	VV	9024	115337	1.26%	0.051%	
48	5.854	5.836	5.861	VV	8225	92286	1.01%	0.041%	
49	5.875	5.861	5.899	VV	11681	186685	2.05%	0.083%	
50	5.913	5.899	5.927	VV	7816	89684	0.98%	0.040%	
51	5.937	5.927	5.946	VV	4273	41695	0.46%	0.019%	
52	5.978	5.946	6.020	VV	34167	578339	6.34%	0.258%	
53	6.036	6.020	6.057	VV	4333	74019	0.81%	0.033%	
54	6.076	6.057	6.102	VV	16636	201643	2.21%	0.090%	
55	6.125	6.102	6.137	VV	2746	49757	0.55%	0.022%	
56	6.160	6.137	6.208	VV	164015	1658543	18.19%	0.739%	
57	6.245	6.208	6.257	VV	5023	98551	1.08%	0.044%	
58	6.273	6.257	6.286	VV	7551	102429	1.12%	0.046%	
59	6.307	6.286	6.328	VV	22727	304775	3.34%	0.136%	
60	6.341	6.328	6.363	VV	5354	94817	1.04%	0.042%	
61	6.378	6.363	6.392	VV	7309	92149	1.01%	0.041%	
62	6.401	6.392	6.413	VV	3961	45383	0.50%	0.020%	
63	6.429	6.413	6.451	VV	10930	153309	1.68%	0.068%	
64	6.470	6.451	6.501	VV	13134	224648	2.46%	0.100%	
65	6.507	6.501	6.522	VV	5450	54567	0.60%	0.024%	
66	6.542	6.522	6.575	VV	9334	177663	1.95%	0.079%	
67	6.596	6.575	6.608	VV	6347	102287	1.12%	0.046%	
68	6.617	6.608	6.628	VV	5587	63994	0.70%	0.028%	
69	6.657	6.628	6.661	VV	18123	202843	2.22%	0.090%	
70	6.672	6.661	6.690	VV	23333	271200	2.97%	0.121%	
71	6.715	6.690	6.735	VV	22903	358542	3.93%	0.160%	
72	6.762	6.735	6.798	VV	777509	7492437	82.16%	3.337%	
73	6.814	6.798	6.832	VV	23130	281520	3.09%	0.125%	
74	6.856	6.832	6.873	VV	28452	355252	3.90%	0.158%	
75	6.901	6.873	6.925	VV	13018	288702	3.17%	0.129%	
76	6.947	6.925	6.966	VV	12197	220844	2.42%	0.098%	
77	6.977	6.966	6.985	VV	6911	75740	0.83%	0.034%	
78	7.011	6.985	7.026	VV	11729	219091	2.40%	0.098%	
79	7.037	7.026	7.052	VV	8129	114257	1.25%	0.051%	
80	7.077	7.052	7.100	VV	149774	1578326	17.31%	0.703%	
81	7.126	7.100	7.145	VV	7032	163614	1.79%	0.073%	
82	7.181	7.145	7.186	VV	8527	163736	1.80%	0.073%	
83	7.199	7.186	7.220	VV	9822	176081	1.93%	0.078%	
84	7.246	7.220	7.272	VV	17082	323741	3.55%	0.144%	
85	7.288	7.272	7.314	VV	6912	121726	1.33%	0.054%	
86	7.334	7.314	7.349	VV	9980	146512	1.61%	0.065%	
87	7.375	7.349	7.421	VV	797215	7957209	87.26%	3.544%	
88	7.434	7.421	7.468	VV	10380	191357	2.10%	0.085%	
89	7.488	7.468	7.508	VV	10575	177880	1.95%	0.079%	

							Instrument : FID_D		A
							ClientSampleId : WB-303-BOTMS		
rteres									Manual IntegrationsAPPROVED
90	7.529	7.508	7.543	VV	20066	267149	2.93%	0.119%	
91	7.553	7.543	7.572	VV	15196	185733	2.93%	0.119%	
92	7.594	7.572	7.612	VV	18340	252196	2.93%	0.119%	
93	7.639	7.612	7.661	VV	25722	368416	2.93%	0.119%	
94	7.667	7.661	7.675	VV	5941	46739	0.87%	0.035%	Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024
95	7.694	7.675	7.714	VV	18981	238485	0.87%	0.035%	
96	7.729	7.714	7.742	VV	5480	79172	3.64%	0.148%	
97	7.763	7.742	7.784	VV	27653	331870	1.36%	0.055%	
98	7.799	7.784	7.826	VV	6288	123886	1.55%	0.063%	
99	7.847	7.826	7.865	VV	9513	140952	1.95%	0.079%	
100	7.905	7.865	7.917	VV	6651	177880	1.95%	0.079%	
101	7.943	7.917	7.975	VV	231426	2441094	26.77%	1.087%	
102	7.990	7.975	8.002	VV	9849	124870	1.37%	0.056%	
103	8.028	8.002	8.070	VV	757461	7621293	83.57%	3.394%	
104	8.082	8.070	8.104	VV	10020	157044	1.72%	0.070%	
105	8.136	8.104	8.158	VV	6972	164101	1.80%	0.073%	
106	8.177	8.158	8.198	VV	4975	97996	1.07%	0.044%	
107	8.226	8.198	8.273	VV	499900	5092189	55.84%	2.268%	
108	8.288	8.273	8.297	VV	10737	123106	1.35%	0.055%	
109	8.325	8.297	8.371	VV	784435	8087768	88.69%	3.602%	
110	8.384	8.371	8.407	VV	11973	174758	1.92%	0.078%	
111	8.427	8.407	8.452	VV	11874	190202	2.09%	0.085%	
112	8.472	8.452	8.500	VV	30263	393616	4.32%	0.175%	
113	8.524	8.500	8.575	VV	11248	215658	2.36%	0.096%	
114	8.596	8.575	8.602	VV	3987	51867	0.57%	0.023%	
115	8.614	8.602	8.634	VV	4919	79862	0.88%	0.036%	
116	8.659	8.634	8.683	VV	57878	633924	6.95%	0.282%	
117	8.694	8.683	8.707	VV	5525	71763	0.79%	0.032%	
118	8.723	8.707	8.734	VV	5342	77171	0.85%	0.034%	
119	8.757	8.734	8.815	VV	71682	877530	9.62%	0.391%	
120	8.840	8.815	8.861	VV	5602	98076	1.08%	0.044%	
121	8.875	8.861	8.880	VV	3001	28756	0.32%	0.013%	
122	8.891	8.880	8.925	VV	3214	53719	0.59%	0.024%	
123	8.943	8.925	8.959	VV	1887	28847	0.32%	0.013%	
124	8.977	8.959	8.983	VV	2249	26544	0.29%	0.012%	
125	8.987	8.983	9.007	VV	2233	25117	0.28%	0.011%	
126	9.036	9.007	9.047	VV	2309	43357	0.48%	0.019%	
127	9.057	9.047	9.073	VV	2242	29622	0.32%	0.013%	
128	9.103	9.073	9.159	VV	794188	8127287	89.12%	3.619%	
129	9.172	9.159	9.190	VV	4795	72257	0.79%	0.032%	
130	9.212	9.190	9.236	VV	5333	95616	1.05%	0.043%	
131	9.257	9.236	9.275	VV	6748	90453	0.99%	0.040%	
132	9.312	9.275	9.337	VV	9181	146797	1.61%	0.065%	
133	9.357	9.337	9.363	VV	2263	28417	0.31%	0.013%	
134	9.383	9.363	9.438	VV	43283	533647	5.85%	0.238%	
135	9.443	9.438	9.457	VV	2041	20795	0.23%	0.009%	
136	9.479	9.457	9.503	VV	2665	56103	0.62%	0.025%	
137	9.529	9.503	9.560	VV	134821	1428234	15.66%	0.636%	
138	9.574	9.560	9.583	VV	1174	14067	0.15%	0.006%	
139	9.600	9.583	9.647	VV	1860	48912	0.54%	0.022%	
140	9.651	9.647	9.665	VV	815	6697	0.07%	0.003%	
141	9.670	9.665	9.675	VV	539	2554	0.03%	0.001%	

142	9.694	9.675	9.714	VV	810	13311	0.15%	0.006%
143	9.740	9.714	9.768	PV	887	16596		
144	9.772	9.768	9.781	VV	500	2870		
145	9.801	9.781	9.822	VV	935	16463		
146	9.829	9.822	9.839	VV	703	6766		
147	9.849	9.839	9.855	VV	775	6716		
148	9.874	9.855	9.885	VV	1982	25599	0.28%	0.011%
149	9.917	9.885	9.947	VV	4174	91097	1.00%	0.041%
150	9.964	9.947	9.982	VV	1853	28761	0.32%	0.013%
151	9.987	9.982	9.990	VV	1137	5174	0.06%	0.002%
152	10.006	9.990	10.017	VV	1659	20947	0.23%	0.009%
153	10.031	10.017	10.046	VV	2058	26214	0.29%	0.012%
154	10.056	10.046	10.077	VV	1764	20554	0.23%	0.009%
155	10.111	10.077	10.120	VV	869	13741	0.15%	0.006%
156	10.144	10.120	10.177	VV	1358	32473	0.36%	0.014%
157	10.213	10.177	10.220	VV	1154	24605	0.27%	0.011%
158	10.236	10.220	10.243	VV	1466	18605	0.20%	0.008%
159	10.264	10.243	10.270	VV	7346	73225	0.80%	0.033%
160	10.282	10.270	10.320	VV	10831	208343	2.28%	0.093%
161	10.336	10.320	10.368	VV	3185	64989	0.71%	0.029%
162	10.390	10.368	10.419	VV	2506	44751	0.49%	0.020%
163	10.455	10.419	10.460	VV	5084	52817	0.58%	0.024%
164	10.490	10.460	10.533	VV	776625	8306630	91.09%	3.699%
165	10.566	10.533	10.622	VV	751373	8383351	91.93%	3.733%
166	10.644	10.622	10.673	VV	4216	114959	1.26%	0.051%
167	10.677	10.673	10.697	VV	3056	36949	0.41%	0.016%
168	10.716	10.697	10.726	VV	2461	39301	0.43%	0.018%
169	10.731	10.726	10.750	VV	2251	29119	0.32%	0.013%
170	10.767	10.750	10.795	VV	2722	59015	0.65%	0.026%
171	10.828	10.795	10.862	VV	2513	88157	0.97%	0.039%
172	10.871	10.862	10.880	VV	2332	24680	0.27%	0.011%
173	10.894	10.880	10.909	VV	2912	45295	0.50%	0.020%
174	10.914	10.909	10.933	VV	2356	33420	0.37%	0.015%
175	10.961	10.933	11.013	VV	109059	1290894	14.16%	0.575%
176	11.050	11.013	11.081	VV	3220	102307	1.12%	0.046%
177	11.108	11.081	11.135	VV	2627	74036	0.81%	0.033%
178	11.156	11.135	11.181	VV	2540	62719	0.69%	0.028%
179	11.189	11.181	11.194	VV	2331	16874	0.19%	0.008%
180	11.200	11.194	11.211	VV	2200	21497	0.24%	0.010%
181	11.260	11.211	11.303	VV	577711	6288375	68.96%	2.800%
182	11.318	11.303	11.335	VV	3291	59104	0.65%	0.026%
183	11.350	11.335	11.377	VV	3426	78073	0.86%	0.035%
184	11.382	11.377	11.385	VV	3079	13564	0.15%	0.006%
185	11.413	11.385	11.436	VV	4968	116808	1.28%	0.052%
186	11.440	11.436	11.457	VV	3393	40130	0.44%	0.018%
187	11.476	11.457	11.495	VV	3278	68157	0.75%	0.030%
188	11.505	11.495	11.515	VV	2831	32143	0.35%	0.014%
189	11.519	11.515	11.522	VV	2739	10728	0.12%	0.005%
190	11.543	11.522	11.572	VV	2985	83705	0.92%	0.037%
191	11.621	11.572	11.654	VV	4354	169498	1.86%	0.075%
192	11.679	11.654	11.701	VV	8131	140075	1.54%	0.062%
193	11.708	11.701	11.730	VV	3509	52212	0.57%	0.023%
194	11.749	11.730	11.767	VV	2859	58719	0.64%	0.026%

Instrument :

FID_D

ClientSampleId :

WB-303-BOTMS

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

							Instrument : FID_D		A
							ClientSampleId : WB-303-BOTMS		
rteres							0.52% 0.021%		B
195	11.787	11.767	11.796	VV	2848	47567	Manual IntegrationsAPPROVED		C
196	11.841	11.796	11.851	VV	3258	95774			D
197	11.875	11.851	11.903	VV	18227	265672			E
198	11.909	11.903	11.942	VV	4633	92719	Reviewed By :Yogesh Patel 10/23/2024		F
199	11.952	11.942	11.972	VV	3473	58629	Supervised By :Ankita Jodhani 10/23/2024		G
200	12.000	11.972	12.012	VV	3100	70430			H
201	12.029	12.012	12.047	VV	3319	67125	0.74%	0.030%	I
202	12.051	12.047	12.058	VV	2996	19732	0.22%	0.009%	J
203	12.078	12.058	12.107	VV	5348	122943	1.35%	0.055%	
204	12.130	12.107	12.153	VV	5484	115036	1.26%	0.051%	
205	12.172	12.153	12.187	VV	3646	67180	0.74%	0.030%	
206	12.224	12.187	12.237	VV	6924	136929	1.50%	0.061%	
207	12.263	12.237	12.270	VV	109488	1114168	12.22%	0.496%	
208	12.294	12.270	12.368	VV	762686	8805317	96.56%	3.921%	
209	12.375	12.368	12.415	VV	4255	106333	1.17%	0.047%	
210	12.426	12.415	12.432	VV	3645	37355	0.41%	0.017%	
211	12.474	12.432	12.519	VV	10791	268285	2.94%	0.119%	
212	12.540	12.519	12.549	VV	4485	77343	0.85%	0.034%	
213	12.589	12.549	12.627	VV	786036	9119141	100.00%	4.061%	
214	12.647	12.627	12.672	VV	11534	231532	2.54%	0.103%	
215	12.700	12.672	12.731	VV	139742	1734118	19.02%	0.772%	
216	12.762	12.731	12.790	VV	6159	202213	2.22%	0.090%	
217	12.822	12.790	12.841	VV	5835	174616	1.91%	0.078%	
218	12.869	12.841	12.900	VV	105784	1340634	14.70%	0.597%	
219	12.923	12.900	12.962	VV	10685	291321	3.19%	0.130%	
220	12.979	12.962	12.985	VV	6840	91739	1.01%	0.041%	
221	12.994	12.985	13.000	VV	6918	61310	0.67%	0.027%	
222	13.005	13.000	13.028	VV	7072	114864	1.26%	0.051%	
223	13.038	13.028	13.045	VV	6750	65024	0.71%	0.029%	
224	13.067	13.045	13.072	VV	7157	110735	1.21%	0.049%	
225	13.099	13.072	13.125	VV	13311	300087	3.29%	0.134%	
226	13.129	13.125	13.155	VV	8025	137553	1.51%	0.061%	
227	13.162	13.155	13.170	VV	7609	67806	0.74%	0.030%	
228	13.176	13.170	13.186	VV	7617	72680	0.80%	0.032%	
229	13.193	13.186	13.212	VV	7368	112624	1.24%	0.050%	
230	13.222	13.212	13.240	VV	7282	120224	1.32%	0.054%	
231	13.252	13.240	13.257	VV	7368	75145	0.82%	0.033%	
232	13.260	13.257	13.263	VV	7252	25182	0.28%	0.011%	
233	13.281	13.263	13.298	VV	7942	160638	1.76%	0.072%	
234	13.303	13.298	13.317	VV	7810	85115	0.93%	0.038%	
235	13.332	13.317	13.362	VV	8445	216068	2.37%	0.096%	
236	13.366	13.362	13.373	VV	7763	52385	0.57%	0.023%	
237	13.375	13.373	13.380	VV	7690	30477	0.33%	0.014%	
238	13.381	13.380	13.385	VV	7676	22380	0.25%	0.010%	
239	13.404	13.385	13.423	VV	8541	184788	2.03%	0.082%	
240	13.453	13.423	13.490	VV	105048	1442983	15.82%	0.643%	
241	13.496	13.490	13.522	VV	7685	145053	1.59%	0.065%	
242	13.544	13.522	13.563	VV	8431	192063	2.11%	0.086%	
243	13.583	13.563	13.608	VV	7850	205030	2.25%	0.091%	
244	13.634	13.608	13.660	VV	8043	233236	2.56%	0.104%	
245	13.667	13.660	13.672	VV	7349	50639	0.56%	0.023%	
246	13.688	13.672	13.715	VV	7564	193624	2.12%	0.086%	

Instrument : FID_D									
ClientSampleId : WB-303-BOTMS									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
	rteres								
247	13.719	13.715	13.733	VV	7320	76718	0.84%	0.034%	
248	13.740	13.733	13.752	VV	7431	83690			
249	13.756	13.752	13.764	VV	7406	53480			
250	13.769	13.764	13.779	VV	7300	66144			
251	13.785	13.779	13.810	VV	7174	128341			
252	13.837	13.810	13.845	VV	7515	151471			
253	13.865	13.845	13.909	VV	10808	330392	3.62%	0.147%	
254	13.925	13.909	13.950	VV	7797	182017	2.00%	0.081%	
255	13.953	13.950	13.975	VV	6794	100674	1.10%	0.045%	
256	13.984	13.975	13.996	VV	6661	81953	0.90%	0.036%	
257	14.013	13.996	14.028	VV	7331	134149	1.47%	0.060%	
258	14.044	14.028	14.052	VV	7032	95485	1.05%	0.043%	
259	14.058	14.052	14.061	VV	6813	37707	0.41%	0.017%	
260	14.071	14.061	14.091	VV	7104	120314	1.32%	0.054%	
261	14.100	14.091	14.120	VV	6646	112769	1.24%	0.050%	
262	14.139	14.120	14.145	VV	6421	95746	1.05%	0.043%	
263	14.155	14.145	14.171	VV	6512	97884	1.07%	0.044%	
264	14.179	14.171	14.188	VV	6347	62314	0.68%	0.028%	
265	14.194	14.188	14.198	VV	6228	38698	0.42%	0.017%	
266	14.204	14.198	14.208	VV	6423	37673	0.41%	0.017%	
267	14.217	14.208	14.222	VV	6461	51023	0.56%	0.023%	
268	14.231	14.222	14.258	VV	6522	133742	1.47%	0.060%	
269	14.264	14.258	14.293	VV	6064	123843	1.36%	0.055%	
270	14.301	14.293	14.323	VV	6274	111201	1.22%	0.050%	
271	14.331	14.323	14.337	VV	5947	47360	0.52%	0.021%	
272	14.343	14.337	14.355	VV	5972	64020	0.70%	0.029%	
273	14.361	14.355	14.383	VV	5841	96470	1.06%	0.043%	
274	14.401	14.383	14.406	VV	5936	78565	0.86%	0.035%	
275	14.413	14.406	14.418	VV	5953	41809	0.46%	0.019%	
276	14.458	14.418	14.476	VV	615757	8175171	89.65%	3.641%	
277	14.502	14.476	14.526	VV	717591	8257203	90.55%	3.677%	
278	14.550	14.526	14.628	VV	97218	1533843	16.82%	0.683%	
279	14.645	14.628	14.676	VV	5780	159056	1.74%	0.071%	
280	14.684	14.676	14.693	VV	5406	53261	0.58%	0.024%	
281	14.702	14.693	14.710	VV	5094	51021	0.56%	0.023%	
282	14.732	14.710	14.760	VV	5429	153130	1.68%	0.068%	
283	14.765	14.760	14.785	VV	4986	73300	0.80%	0.033%	
284	14.790	14.785	14.794	VV	4960	25249	0.28%	0.011%	
285	14.798	14.794	14.834	VV	4962	116108	1.27%	0.052%	
286	14.840	14.834	14.863	VV	5027	82212	0.90%	0.037%	
287	14.882	14.863	14.899	VV	7078	127738	1.40%	0.057%	
288	14.923	14.899	14.993	VV	24126	578524	6.34%	0.258%	
289	14.998	14.993	15.025	VV	5170	94623	1.04%	0.042%	
290	15.032	15.025	15.048	VV	4759	63704	0.70%	0.028%	
291	15.072	15.048	15.104	VV	6466	178172	1.95%	0.079%	
292	15.116	15.104	15.149	VV	4546	111129	1.22%	0.049%	
293	15.158	15.149	15.170	VV	4043	50451	0.55%	0.022%	
294	15.182	15.170	15.205	VV	4164	82509	0.90%	0.037%	
295	15.208	15.205	15.228	VV	3774	50280	0.55%	0.022%	
296	15.263	15.228	15.280	VV	4275	120470	1.32%	0.054%	
297	15.285	15.280	15.289	VV	3849	19962	0.22%	0.009%	
298	15.291	15.289	15.319	VV	3789	65844	0.72%	0.029%	
299	15.330	15.319	15.347	VV	3757	58463	0.64%	0.026%	

							Instrument : FID_D		A
							ClientSampleId : WB-303-BOTMS		
300	15.363	15.347	15.369	VV	3953	48441	0.53%	0.022%	B
							Manual IntegrationsAPPROVED		C
301	15.392	15.369	15.410	VV	4082	95073	Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024		D
302	15.430	15.410	15.435	VV	4083	56892			E
303	15.450	15.435	15.482	VV	4186	108288			F
304	15.490	15.482	15.510	VV	3343	54283			G
305	15.567	15.510	15.603	VV	88248	1240609			H
306	15.608	15.603	15.648	VV	3789	86986	0.95%	0.039%	I
307	15.659	15.648	15.676	VV	2714	43474	0.48%	0.019%	J
308	15.690	15.676	15.702	VV	2634	38906	0.43%	0.017%	
309	15.722	15.702	15.753	VV	3366	93717	1.03%	0.042%	
310	15.769	15.753	15.775	VV	2898	35932	0.39%	0.016%	
311	15.790	15.775	15.802	VV	2859	42434	0.47%	0.019%	
312	15.818	15.802	15.827	VV	2780	38794	0.43%	0.017%	
313	15.855	15.827	15.863	VV	2897	58996	0.65%	0.026%	
314	15.876	15.863	15.891	VV	2936	45932	0.50%	0.020%	
315	15.932	15.891	15.965	VV	4405	149804	1.64%	0.067%	
316	16.005	15.965	16.020	VV	550171	7914472	86.79%	3.525%	
317	16.041	16.020	16.100	VV	661204	8046326	88.24%	3.583%	
318	16.120	16.100	16.152	VV	7118	142594	1.56%	0.064%	
319	16.176	16.152	16.198	VV	4178	94702	1.04%	0.042%	
320	16.207	16.198	16.235	VV	3061	61540	0.67%	0.027%	
321	16.256	16.235	16.312	VV	4791	141002	1.55%	0.063%	
322	16.327	16.312	16.335	VV	2544	32511	0.36%	0.014%	
323	16.382	16.335	16.456	VV	585088	7711740	84.57%	3.434%	
324	16.508	16.456	16.540	VV	81401	1197317	13.13%	0.533%	
325	16.551	16.540	16.572	VV	3768	55874	0.61%	0.025%	
326	16.579	16.572	16.632	VV	2046	59348	0.65%	0.026%	
327	16.651	16.632	16.659	VV	1792	25999	0.29%	0.012%	
328	16.669	16.659	16.695	VV	1751	35853	0.39%	0.016%	
329	16.701	16.695	16.764	VV	1978	60241	0.66%	0.027%	
330	16.797	16.764	16.848	VV	2040	79876	0.88%	0.036%	
331	16.873	16.848	16.896	VV	2123	48991	0.54%	0.022%	
332	16.902	16.896	16.910	VV	1433	10880	0.12%	0.005%	
333	16.916	16.910	16.928	VV	1284	13119	0.14%	0.006%	
334	16.955	16.928	16.982	VV	3348	65191	0.71%	0.029%	
335	16.988	16.982	17.001	VV	1218	12365	0.14%	0.006%	
336	17.029	17.001	17.050	VV	1199	30956	0.34%	0.014%	
337	17.075	17.050	17.127	VV	1892	57832	0.63%	0.026%	
338	17.131	17.127	17.149	VV	964	10401	0.11%	0.005%	
339	17.182	17.149	17.188	VV	1109	21304	0.23%	0.009%	
340	17.193	17.188	17.207	VV	1122	10633	0.12%	0.005%	
341	17.209	17.207	17.214	VV	859	3540	0.04%	0.002%	
342	17.218	17.214	17.227	VV	856	5633	0.06%	0.003%	
343	17.283	17.227	17.305	VV	1527	51649	0.57%	0.023%	
344	17.312	17.305	17.323	VV	1132	10323	0.11%	0.005%	
345	17.393	17.323	17.428	VV	76977	1071898	11.75%	0.477%	
346	17.435	17.428	17.446	VV	694	5687	0.06%	0.003%	
347	17.482	17.446	17.522	VV	1739	45451	0.50%	0.020%	
348	17.525	17.522	17.532	VV	890	4513	0.05%	0.002%	
349	17.535	17.532	17.555	VV	712	7765	0.09%	0.003%	
350	17.561	17.555	17.576	VV	512	3992	0.04%	0.002%	
351	17.596	17.576	17.628	VV	650	9285	0.10%	0.004%	

	Area	Height	Width	Area%	Height%	Width%	Integration	Integration	Integration
352	17.650	17.628	17.657	PV	340	2339	0.03%	0.001%	
353	17.686	17.657	17.703	VV	2053	30700			
354	17.749	17.703	17.762	VV	541836	8065689			
355	17.787	17.762	17.954	VV	571005	7745899			
356	18.001	17.954	18.087	VV	516263	7376166			
357	18.093	18.087	18.136	VV	815	13301			
Sum of corrected areas:					224554658				

Instrument :

FID_D

ClientSampleId :

WB-303-BOTMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Aromatic EPH 093024.M Wed Oct 23 08:00:08 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
 Data File : FC067493.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 06:04
 Operator : YP/AJ
 Sample : P4460-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

WB-303-BOTMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:30 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

Qlast Update : Tue Oct 01 09:13:32 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.937	3543503	31.305 ug/mlm
Spiked Amount 50.000		Recovery =	62.61%
Target Compounds			
1) T n-Nonane (C9)	3.274	3154930	24.889 ug/ml
2) T n-Decane (C10)	4.340	3977939	30.947 ug/ml
4) T n-Dodecane (C12)	6.357	7279911	56.102 ug/ml
6) T n-Tetradecane (C14)	8.153	10288528	79.882 ug/mlm
7) T n-Hexadecane (C16)	9.749	6502212	48.845 ug/ml
8) T n-Octadecane (C18)	11.187	5571827	41.090 ug/ml
10) T n-Eicosane (C20)	12.495	5615180	43.005 ug/ml
11) T n-Heneicosane (C21)	13.107	5383307	41.973 ug/mlm
13) T n-Docosane (C22)	13.691	5482947	42.940 ug/ml
14) T n-Tetracosane (C24)	14.793	5315369	41.561 ug/ml
15) T n-Hexacosane (C26)	15.812	5316897	42.169 ug/ml
16) T n-Octacosane (C28)	16.761	5232176	41.648 ug/ml
17) T n-Tricontane (C30)	17.647	5250715	40.759 ug/ml
18) T n-Dotriacontane (C32)	18.478	5215577	41.749 ug/ml
19) T n-Tetratriacontane (C34)	19.261	5278547	48.304 ug/ml
20) T n-Hexatriacontane (C36)	19.998	5246311	55.506 ug/ml
21) T n-Octatriacontane (C38)	20.723	5369622	61.227 ug/ml
22) T n-Tetracontane (C40)	21.610	5446080	63.291 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102224AL\
Data File : FC067493.D
Signal(s) : FID1A.ch
Acq On : 23 Oct 2024 06:04
Operator : YP/AJ
Sample : P4460-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_C

Client SampleId :

WB-303-BOTMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:30 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

QLast Update : Tue Oct 01 09:13:32 2024

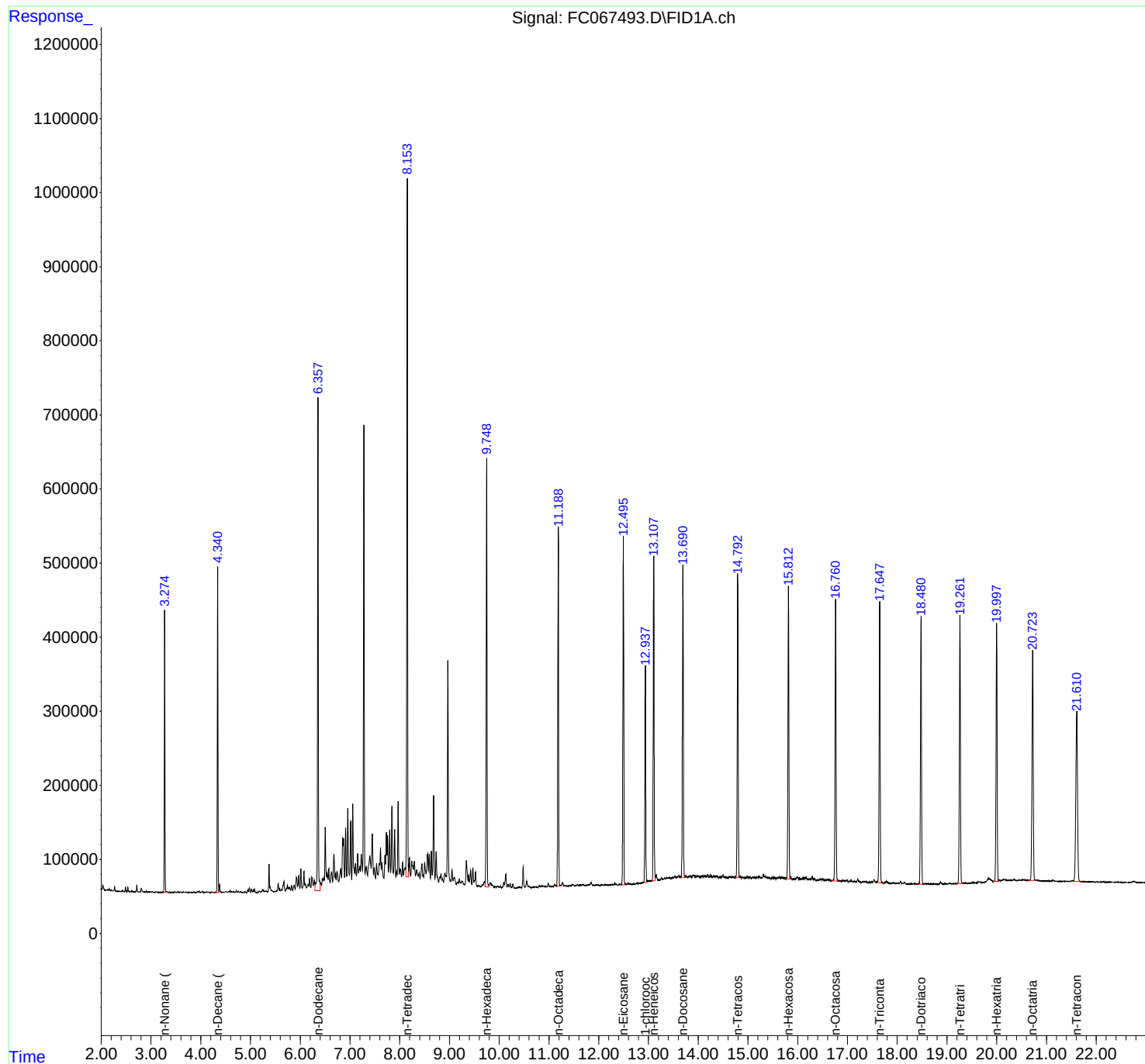
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um



Instrument :

FID_C

ClientSampleId :

WB-303-BOTMSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC10222

Data File : FC067493.D

Signal(s) : FID1A.ch

Acq On : 23 Oct 2024 06:04

Sample : P4460-03MSD

Misc :

ALS Vial : 19 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.274	3.205	3.355	BV	378429	3159484	27.03%	1.445%
2	3.372	3.355	3.383	VV	293	2699	0.02%	0.001%
3	3.396	3.383	3.409	VV	333	3385	0.03%	0.002%
4	3.421	3.409	3.435	VV	240	2564	0.02%	0.001%
5	3.475	3.435	3.499	VV	458	8218	0.07%	0.004%
6	3.552	3.499	3.569	VV	574	12192	0.10%	0.006%
7	3.598	3.569	3.627	PV	495	9316	0.08%	0.004%
8	3.646	3.627	3.677	VV	753	9022	0.08%	0.004%
9	3.699	3.677	3.711	VV	262	3591	0.03%	0.002%
10	3.716	3.711	3.751	VV	293	3368	0.03%	0.002%
11	3.766	3.751	3.800	VV	342	5013	0.04%	0.002%
12	3.811	3.800	3.831	VV	228	2241	0.02%	0.001%
13	3.858	3.831	3.904	VV	592	13031	0.11%	0.006%
14	3.940	3.904	3.953	PV	1603	21244	0.18%	0.010%
15	3.969	3.953	3.987	VV	2364	22595	0.19%	0.010%
16	4.002	3.987	4.014	VV	540	5543	0.05%	0.003%
17	4.035	4.014	4.061	VV	1881	20054	0.17%	0.009%
18	4.117	4.061	4.132	VV	1310	20356	0.17%	0.009%
19	4.145	4.132	4.175	VV	780	11144	0.10%	0.005%
20	4.216	4.198	4.232	VV	1387	13264	0.11%	0.006%
21	4.253	4.232	4.272	VV	445	6389	0.05%	0.003%
22	4.292	4.272	4.310	VV	470	6117	0.05%	0.003%
23	4.340	4.310	4.365	VV	438271	3989568	34.13%	1.824%
24	4.380	4.365	4.431	VV	11057	117114	1.00%	0.054%
25	4.444	4.431	4.471	VV	522	9051	0.08%	0.004%
26	4.506	4.471	4.525	VV	1546	26377	0.23%	0.012%
27	4.537	4.525	4.549	VV	920	11479	0.10%	0.005%
28	4.563	4.549	4.576	VV	1598	17029	0.15%	0.008%
29	4.593	4.576	4.608	VV	3312	33000	0.28%	0.015%
30	4.620	4.608	4.632	VV	1365	13209	0.11%	0.006%
31	4.647	4.632	4.681	VV	1169	22458	0.19%	0.010%
32	4.713	4.681	4.731	VV	2151	29766	0.25%	0.014%
33	4.754	4.731	4.774	VV	2096	28403	0.24%	0.013%
34	4.789	4.774	4.799	VV	1209	12426	0.11%	0.006%
35	4.808	4.799	4.836	VV	1273	13602	0.12%	0.006%
36	4.862	4.836	4.876	VV	975	12045	0.10%	0.006%

Instrument : FID_C									
ClientSampleId : WB-303-BOTMSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
					rt	Area	Area%	Height	Height%
37	4.892	4.876	4.917	VV	1028	14407	0.12%	0.007%	
38	4.947	4.917	4.959	PV	3476	35325			
39	4.975	4.959	5.000	VV	6179	78853			
40	5.017	5.000	5.039	VV	4730	59310			
41	5.054	5.039	5.064	VV	2990	29745			
42	5.078	5.064	5.117	VV	4859	55684			
43	5.132	5.117	5.152	PV	490	5992	0.05%	0.003%	
44	5.175	5.152	5.199	VV	2101	29430	0.25%	0.013%	
45	5.241	5.199	5.252	VV	3587	56235	0.48%	0.026%	
46	5.263	5.252	5.280	VV	3675	37988	0.32%	0.017%	
47	5.302	5.280	5.348	VV	1856	50313	0.43%	0.023%	
48	5.374	5.348	5.420	VV	38087	470622	4.03%	0.215%	
49	5.431	5.420	5.458	VV	2835	44612	0.38%	0.020%	
50	5.469	5.458	5.479	VV	1037	11716	0.10%	0.005%	
51	5.522	5.479	5.533	VV	1761	43594	0.37%	0.020%	
52	5.557	5.533	5.576	VV	11704	159587	1.37%	0.073%	
53	5.587	5.576	5.604	VV	5560	61233	0.52%	0.028%	
54	5.622	5.604	5.634	VV	3676	51573	0.44%	0.024%	
55	5.671	5.634	5.701	VV	14198	280701	2.40%	0.128%	
56	5.742	5.701	5.755	VV	9596	167165	1.43%	0.076%	
57	5.764	5.755	5.774	VV	6426	63527	0.54%	0.029%	
58	5.786	5.774	5.805	VV	6674	95735	0.82%	0.044%	
59	5.827	5.805	5.848	VV	8761	134160	1.15%	0.061%	
60	5.877	5.848	5.898	VV	9149	180189	1.54%	0.082%	
61	5.924	5.898	5.950	VV	19645	391207	3.35%	0.179%	
62	5.971	5.950	5.993	VV	22276	329794	2.82%	0.151%	
63	6.014	5.993	6.041	VV	31532	406018	3.47%	0.186%	
64	6.075	6.041	6.095	VV	27881	426379	3.65%	0.195%	
65	6.105	6.095	6.125	VV	10561	157785	1.35%	0.072%	
66	6.161	6.125	6.172	VV	10438	226277	1.94%	0.103%	
67	6.189	6.172	6.214	VV	17638	290286	2.48%	0.133%	
68	6.236	6.214	6.263	VV	19453	376723	3.22%	0.172%	
69	6.284	6.263	6.299	VV	15822	262538	2.25%	0.120%	
70	6.357	6.299	6.428	VV	666284	7528207	64.40%	3.443%	
71	6.449	6.428	6.464	VV	18187	316917	2.71%	0.145%	
72	6.504	6.464	6.530	VV	86928	1398885	11.97%	0.640%	
73	6.542	6.530	6.559	VV	25612	389589	3.33%	0.178%	
74	6.575	6.559	6.602	VV	30946	515745	4.41%	0.236%	
75	6.630	6.602	6.652	VV	26760	608650	5.21%	0.278%	
76	6.677	6.652	6.701	VV	50235	925183	7.91%	0.423%	
77	6.711	6.701	6.724	VV	23958	282780	2.42%	0.129%	
78	6.742	6.724	6.773	VV	26914	600040	5.13%	0.274%	
79	6.813	6.773	6.831	VV	30578	756205	6.47%	0.346%	
80	6.855	6.831	6.892	VV	72628	1802780	15.42%	0.824%	
81	6.913	6.892	6.936	VV	85653	1182064	10.11%	0.541%	
82	6.957	6.936	6.988	VV	111191	1649385	14.11%	0.754%	
83	7.014	6.988	7.035	VV	95420	1329776	11.38%	0.608%	
84	7.057	7.035	7.094	VV	117877	1811098	15.49%	0.828%	
85	7.111	7.094	7.130	VV	37318	643138	5.50%	0.294%	
86	7.155	7.130	7.173	VV	51096	869604	7.44%	0.398%	
87	7.200	7.173	7.212	VV	33671	692706	5.93%	0.317%	
88	7.229	7.212	7.253	VV	49537	956444	8.18%	0.437%	
89	7.281	7.253	7.306	VV	626749	7050578	60.32%	3.224%	

Instrument : FID_C							
ClientSampleId : WB-303-BOTMSD							
90	7.327	7.306	7.354	VV	32981	796410	6.81% 0.364%
91	7.399	7.354	7.424	VV	47709	1542014	13.81% 0.364%
92	7.450	7.424	7.476	VV	77938	1499855	12.44% 0.364%
93	7.490	7.476	7.514	VV	32022	569208	4.24% 0.364%
94	7.536	7.514	7.571	VV	37033	889831	7.74% 0.364%
95	7.615	7.571	7.631	VV	58466	1362643	11.11% 0.364%
96	7.642	7.631	7.680	VV	38469	810926	6.94% 0.371%
97	7.704	7.680	7.714	VV	48346	677065	5.79% 0.310%
98	7.732	7.714	7.745	VV	79034	1086464	9.29% 0.497%
99	7.756	7.745	7.775	VV	75007	935157	8.00% 0.428%
100	7.798	7.775	7.819	VV	82206	1269430	10.86% 0.581%
101	7.844	7.819	7.870	VV	114770	1734247	14.84% 0.793%
102	7.899	7.870	7.923	VV	82417	1353176	11.58% 0.619%
103	7.938	7.923	7.947	VV	26796	348593	2.98% 0.159%
104	7.969	7.947	7.993	VV	119792	1613799	13.81% 0.738%
105	8.012	7.993	8.038	VV	28700	672633	5.75% 0.308%
106	8.057	8.038	8.076	VV	37536	632970	5.41% 0.289%
107	8.153	8.076	8.180	VV	944616	11689439	100.00% 5.346%
108	8.196	8.180	8.219	VV	44017	759663	6.50% 0.347%
109	8.243	8.219	8.276	VV	39613	1066699	9.13% 0.488%
110	8.294	8.276	8.318	VV	39595	783128	6.70% 0.358%
111	8.341	8.318	8.372	VV	27854	758271	6.49% 0.347%
112	8.391	8.372	8.409	VV	24085	448662	3.84% 0.205%
113	8.447	8.409	8.484	VV	36195	1085518	9.29% 0.496%
114	8.503	8.484	8.531	VV	38222	792804	6.78% 0.363%
115	8.562	8.531	8.580	VV	48883	1062318	9.09% 0.486%
116	8.595	8.580	8.617	VV	48840	747562	6.40% 0.342%
117	8.636	8.617	8.655	VV	52239	754297	6.45% 0.345%
118	8.683	8.655	8.710	VV	127346	1885342	16.13% 0.862%
119	8.734	8.710	8.782	VV	52320	1067919	9.14% 0.488%
120	8.830	8.782	8.850	VV	21990	681340	5.83% 0.312%
121	8.862	8.850	8.881	VV	14605	242247	2.07% 0.111%
122	8.909	8.881	8.931	VV	22996	556516	4.76% 0.254%
123	8.969	8.931	9.018	VV	311085	4024712	34.43% 1.841%
124	9.052	9.018	9.074	VV	27369	594198	5.08% 0.272%
125	9.095	9.074	9.138	VV	16907	524736	4.49% 0.240%
126	9.160	9.138	9.179	VV	10765	237518	2.03% 0.109%
127	9.201	9.179	9.236	VV	13798	381062	3.26% 0.174%
128	9.251	9.236	9.310	VV	12022	427303	3.66% 0.195%
129	9.341	9.310	9.373	VV	39540	826149	7.07% 0.378%
130	9.385	9.373	9.402	VV	19942	277530	2.37% 0.127%
131	9.427	9.402	9.449	VV	25929	464320	3.97% 0.212%
132	9.472	9.449	9.492	VV	30101	451624	3.86% 0.207%
133	9.525	9.492	9.554	VV	24385	484606	4.15% 0.222%
134	9.579	9.554	9.638	VV	6160	250837	2.15% 0.115%
135	9.663	9.638	9.677	VV	7537	140642	1.20% 0.064%
136	9.702	9.677	9.716	VV	11196	210226	1.80% 0.096%
137	9.749	9.716	9.791	VV	581140	6676928	57.12% 3.053%
138	9.818	9.791	9.898	VV	9202	417478	3.57% 0.191%
139	9.918	9.898	9.936	VV	4748	91659	0.78% 0.042%
140	9.957	9.936	10.000	VV	4607	143923	1.23% 0.066%
141	10.020	10.000	10.045	VV	4141	91703	0.78% 0.042%

rteres									
142	10.092	10.045	10.105	VV	9361	184463	1.58%	0.084%	
143	10.133	10.105	10.159	VV	20488	365898			
144	10.180	10.159	10.201	VV	7018	127065			
145	10.222	10.201	10.248	VV	7936	141091			
146	10.276	10.248	10.305	VV	7391	135127			
147	10.331	10.305	10.355	VV	2003	56096			
148	10.379	10.355	10.393	VV	2686	53545	0.46%	0.024%	
149	10.413	10.393	10.441	VV	3479	79521	0.68%	0.036%	
150	10.482	10.441	10.521	VV	30320	443274	3.79%	0.203%	
151	10.554	10.521	10.588	VV	10747	240618	2.06%	0.110%	
152	10.599	10.588	10.629	VV	3962	79195	0.68%	0.036%	
153	10.644	10.629	10.659	VV	2358	40012	0.34%	0.018%	
154	10.682	10.659	10.701	VV	3100	66411	0.57%	0.030%	
155	10.720	10.701	10.745	VV	3190	76085	0.65%	0.035%	
156	10.756	10.745	10.781	VV	3028	58853	0.50%	0.027%	
157	10.805	10.781	10.837	VV	4574	117617	1.01%	0.054%	
158	10.858	10.837	10.884	VV	4438	110396	0.94%	0.050%	
159	10.895	10.884	10.918	VV	4004	70581	0.60%	0.032%	
160	10.936	10.918	10.955	VV	3996	73405	0.63%	0.034%	
161	10.988	10.955	11.048	VV	7934	240787	2.06%	0.110%	
162	11.075	11.048	11.091	VV	3945	92379	0.79%	0.042%	
163	11.114	11.091	11.142	VV	5980	139099	1.19%	0.064%	
164	11.187	11.142	11.244	VV	488155	5808210	49.69%	2.656%	
165	11.275	11.244	11.325	VV	8340	260036	2.22%	0.119%	
166	11.342	11.325	11.367	VV	4315	96249	0.82%	0.044%	
167	11.409	11.367	11.438	VV	4150	162964	1.39%	0.075%	
168	11.482	11.438	11.525	VV	6144	249768	2.14%	0.114%	
169	11.551	11.525	11.560	VV	4965	94524	0.81%	0.043%	
170	11.579	11.560	11.605	VV	5300	127102	1.09%	0.058%	
171	11.637	11.605	11.655	VV	4841	138214	1.18%	0.063%	
172	11.674	11.655	11.692	VV	5659	110566	0.95%	0.051%	
173	11.706	11.692	11.716	VV	4716	65820	0.56%	0.030%	
174	11.739	11.716	11.770	VV	4483	144513	1.24%	0.066%	
175	11.794	11.770	11.807	VV	5143	103801	0.89%	0.047%	
176	11.851	11.807	11.878	VV	8549	259701	2.22%	0.119%	
177	11.897	11.878	11.925	VV	4477	119689	1.02%	0.055%	
178	11.980	11.925	12.024	VV	4729	257464	2.20%	0.118%	
179	12.071	12.024	12.095	VV	4881	181209	1.55%	0.083%	
180	12.127	12.095	12.174	VV	5015	214279	1.83%	0.098%	
181	12.185	12.174	12.203	VV	4466	74977	0.64%	0.034%	
182	12.265	12.203	12.291	VV	5188	238637	2.04%	0.109%	
183	12.318	12.291	12.383	VV	6525	276451	2.36%	0.126%	
184	12.427	12.383	12.455	VV	5574	205975	1.76%	0.094%	
185	12.495	12.455	12.552	VV	473385	5880605	50.31%	2.689%	
186	12.594	12.552	12.621	VV	6597	233683	2.00%	0.107%	
187	12.640	12.621	12.660	VV	5684	121216	1.04%	0.055%	
188	12.709	12.660	12.724	VV	5475	195815	1.68%	0.090%	
189	12.749	12.724	12.792	VV	6197	229895	1.97%	0.105%	
190	12.820	12.792	12.835	VV	6656	163210	1.40%	0.075%	
191	12.860	12.835	12.871	VV	7101	142071	1.22%	0.065%	
192	12.936	12.871	12.969	VV	302779	3977796	34.03%	1.819%	
193	13.035	12.969	13.055	VV	9806	460964	3.94%	0.211%	
194	13.106	13.055	13.136	VV	444060	5843638	49.99%	2.672%	

Instrument :

FID_C

ClientSampleId :

WB-303-BOTMSD

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

							Instrument : FID_C		A
							ClientSampleId : WB-303-BOTMSD		
rteres							4.13% 0.221%		B
195	13.155	13.136	13.196	VV	16782	482868	Manual IntegrationsAPPROVED		C
196	13.206	13.196	13.228	VV	10587	194670			D
197	13.263	13.228	13.285	VV	13116	397753			E
198	13.326	13.285	13.348	VV	12622	449452	Reviewed By :Yogesh Patel 10/23/2024		F
199	13.369	13.348	13.391	VV	13620	330125	Supervised By :Ankita Jodhani 10/23/2024		G
200	13.411	13.391	13.447	VV	13282	430835			H
201	13.458	13.447	13.465	VV	12603	134300	1.15%	0.061%	I
202	13.496	13.465	13.505	VV	13450	310552	2.66%	0.142%	J
203	13.532	13.505	13.554	VV	15293	412624	3.53%	0.189%	
204	13.593	13.554	13.618	VV	14718	547701	4.69%	0.250%	
205	13.631	13.618	13.652	VV	14804	294888	2.52%	0.135%	
206	13.691	13.652	13.801	VV	435067	6672186	57.08%	3.051%	
207	13.842	13.801	13.861	VV	15202	526573	4.50%	0.241%	
208	13.904	13.861	13.965	VV	16411	934353	7.99%	0.427%	
209	13.988	13.965	14.041	VV	15482	667592	5.71%	0.305%	
210	14.071	14.041	14.111	VV	14842	608479	5.21%	0.278%	
211	14.128	14.111	14.171	VV	15140	520415	4.45%	0.238%	
212	14.191	14.171	14.223	VV	17121	465129	3.98%	0.213%	
213	14.250	14.223	14.281	VV	16009	510168	4.36%	0.233%	
214	14.307	14.281	14.327	VV	14758	394567	3.38%	0.180%	
215	14.337	14.327	14.370	VV	14768	364946	3.12%	0.167%	
216	14.382	14.370	14.411	VV	14212	333335	2.85%	0.152%	
217	14.419	14.411	14.426	VV	13018	113151	0.97%	0.052%	
218	14.450	14.426	14.468	VV	14076	336628	2.88%	0.154%	
219	14.493	14.468	14.531	VV	15191	530139	4.54%	0.242%	
220	14.540	14.531	14.568	VV	13424	280009	2.40%	0.128%	
221	14.574	14.568	14.609	VV	12584	307484	2.63%	0.141%	
222	14.657	14.609	14.690	VV	13326	629473	5.38%	0.288%	
223	14.699	14.690	14.753	VV	13601	485421	4.15%	0.222%	
224	14.793	14.753	14.833	VV	410030	5909091	50.55%	2.702%	
225	14.844	14.833	14.951	VV	13893	874440	7.48%	0.400%	
226	14.987	14.951	15.017	VV	13341	492243	4.21%	0.225%	
227	15.026	15.017	15.030	VV	12700	99952	0.86%	0.046%	
228	15.040	15.030	15.075	VV	12956	324743	2.78%	0.149%	
229	15.092	15.075	15.106	VV	12487	227639	1.95%	0.104%	
230	15.119	15.106	15.138	VV	12424	228183	1.95%	0.104%	
231	15.171	15.138	15.185	VV	12580	343589	2.94%	0.157%	
232	15.208	15.185	15.271	VV	12780	628344	5.38%	0.287%	
233	15.309	15.271	15.344	VV	16300	586520	5.02%	0.268%	
234	15.358	15.344	15.393	VV	13286	361756	3.09%	0.165%	
235	15.400	15.393	15.428	VV	11668	244447	2.09%	0.112%	
236	15.434	15.428	15.463	VV	11760	225822	1.93%	0.103%	
237	15.496	15.463	15.515	VV	11821	351062	3.00%	0.161%	
238	15.528	15.515	15.552	VV	11935	256085	2.19%	0.117%	
239	15.562	15.552	15.581	VV	11429	189902	1.62%	0.087%	
240	15.636	15.581	15.651	VV	11957	476040	4.07%	0.218%	
241	15.665	15.651	15.695	VV	11861	298553	2.55%	0.137%	
242	15.699	15.695	15.751	VV	11762	368458	3.15%	0.168%	
243	15.812	15.751	15.895	VV	402200	6155486	52.66%	2.815%	
244	15.906	15.895	15.947	VV	9660	293036	2.51%	0.134%	
245	15.991	15.947	16.041	VV	12272	589916	5.05%	0.270%	
246	16.046	16.041	16.072	VV	9738	175213	1.50%	0.080%	

Instrument : FID_C									
ClientSampleId : WB-303-BOTMSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
	rteres								
247	16.127	16.072	16.148	VV	10796	452772	3.87%	0.207%	
248	16.168	16.148	16.211	VV	11699	381819			
249	16.289	16.211	16.315	VV	12920	592181			
250	16.333	16.315	16.394	VV	9548	391540			
251	16.462	16.394	16.485	VV	8873	449288			
252	16.496	16.485	16.578	VV	8648	437040			
253	16.604	16.578	16.665	VV	8253	407556	3.49%	0.186%	
254	16.683	16.665	16.705	VV	6992	160798	1.38%	0.074%	
255	16.761	16.705	16.841	VV	385344	5722176	48.95%	2.617%	
256	16.862	16.841	16.881	VV	6328	142828	1.22%	0.065%	
257	16.908	16.881	16.961	VV	6856	301964	2.58%	0.138%	
258	16.986	16.961	17.021	VV	6867	220458	1.89%	0.101%	
259	17.072	17.021	17.122	VV	6413	332795	2.85%	0.152%	
260	17.140	17.122	17.155	VV	5461	102124	0.87%	0.047%	
261	17.166	17.155	17.180	VV	5020	74121	0.63%	0.034%	
262	17.207	17.180	17.255	VV	8002	258363	2.21%	0.118%	
263	17.272	17.255	17.285	VV	4273	75732	0.65%	0.035%	
264	17.317	17.285	17.424	VV	5114	365933	3.13%	0.167%	
265	17.441	17.424	17.461	VV	4033	80939	0.69%	0.037%	
266	17.487	17.461	17.508	VV	4496	115086	0.98%	0.053%	
267	17.534	17.508	17.568	VV	7335	190681	1.63%	0.087%	
268	17.576	17.568	17.581	VV	4006	31717	0.27%	0.015%	
269	17.647	17.581	17.732	VV	380568	5527223	47.28%	2.528%	
270	17.780	17.732	17.875	VV	4696	257436	2.20%	0.118%	
271	17.915	17.875	17.925	VV	2614	66087	0.57%	0.030%	
272	17.934	17.925	17.957	VV	2459	44092	0.38%	0.020%	
273	17.978	17.957	17.992	VV	2274	43462	0.37%	0.020%	
274	18.005	17.992	18.041	VV	1999	58644	0.50%	0.027%	
275	18.066	18.041	18.124	VV	4122	119241	1.02%	0.055%	
276	18.144	18.124	18.242	VV	3426	105240	0.90%	0.048%	
277	18.339	18.242	18.348	VV	1499	64151	0.55%	0.029%	
278	18.356	18.348	18.426	VV	1330	37392	0.32%	0.017%	
279	18.478	18.426	18.535	VV	362190	5245884	44.88%	2.399%	
280	18.562	18.535	18.588	VV	1231	24979	0.21%	0.011%	
281	18.616	18.588	18.648	VV	926	23633	0.20%	0.011%	
282	18.655	18.648	18.715	VV	705	16287	0.14%	0.007%	
283	18.729	18.715	18.737	VV	600	6165	0.05%	0.003%	
284	18.757	18.737	18.771	VV	691	9683	0.08%	0.004%	
285	18.775	18.771	18.807	VV	415	4987	0.04%	0.002%	
286	18.817	18.807	18.832	PV	326	3184	0.03%	0.001%	
287	18.872	18.832	18.938	VV	3381	68165	0.58%	0.031%	
288	18.946	18.938	18.955	VV	380	3132	0.03%	0.001%	
289	18.964	18.955	18.996	VV	708	12046	0.10%	0.006%	
290	19.041	18.996	19.088	VV	987	30619	0.26%	0.014%	
291	19.114	19.088	19.174	VV	605	20302	0.17%	0.009%	
292	19.261	19.174	19.341	VV	363672	5340669	45.69%	2.442%	
293	19.345	19.341	19.355	VV	980	6537	0.06%	0.003%	
294	19.370	19.355	19.435	VV	1091	35716	0.31%	0.016%	
295	19.458	19.435	19.471	VV	953	17821	0.15%	0.008%	
296	19.558	19.471	19.590	VV	1460	83400	0.71%	0.038%	
297	19.631	19.590	19.652	VV	2652	64525	0.55%	0.030%	
298	19.671	19.652	19.710	VV	2045	54820	0.47%	0.025%	
299	19.835	19.710	19.844	VV	6309	242090	2.07%	0.111%	

							Instrument : FID_C		
							ClientSampleId : WB-303-BOTMSD		
rterres							2.21% 0.118%		A
300	19.854	19.844	19.944	VV	6881	258656	Manual IntegrationsAPPROVED		B
301	19.998	19.944	20.042	VV	352738	5399101			C
302	20.052	20.042	20.075	VV	3934	72735			D
303	20.141	20.075	20.231	VV	5076	381315	Reviewed By :Yogesh Patel 10/23/2024		E
304	20.272	20.231	20.295	VV	3875	140967	Supervised By :Ankita Jodhani 10/23/2024		F
305	20.348	20.295	20.408	VV	5010	259905			G
306	20.465	20.408	20.501	VV	4068	210020	1.80%	0.096%	H
307	20.517	20.501	20.542	VV	4198	98656	0.84%	0.045%	I
308	20.551	20.542	20.608	VV	4098	146264	1.25%	0.067%	J
309	20.618	20.608	20.641	VV	3294	63856	0.55%	0.029%	
310	20.723	20.641	20.951	VV	314370	5906520	50.53%	2.701%	
311	20.999	20.951	21.013	VV	2216	75546	0.65%	0.035%	
312	21.040	21.013	21.055	VV	2234	50757	0.43%	0.023%	
313	21.085	21.055	21.097	VV	2040	49721	0.43%	0.023%	
314	21.132	21.097	21.223	VV	2662	139208	1.19%	0.064%	
315	21.234	21.223	21.245	VV	1314	16606	0.14%	0.008%	
316	21.254	21.245	21.295	VV	1367	35885	0.31%	0.016%	
317	21.335	21.295	21.351	VV	1301	39247	0.34%	0.018%	
318	21.362	21.351	21.381	VV	1129	18946	0.16%	0.009%	
319	21.408	21.381	21.457	VV	1153	43938	0.38%	0.020%	
320	21.610	21.457	21.724	VV	232069	5548714	47.47%	2.537%	
321	21.751	21.724	21.783	VV	387	8603	0.07%	0.004%	
Sum of corrected areas:							218671718		

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048556.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 06:04
 Operator : YP/AJ
 Sample : P4460-03MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-303-BOTMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	7899041	47.709 ug/ml
Spiked Amount 50.000		Recovery =	95.42%
6) S 2-Fluorobiphenyl (SURR)	8.225	5015716	48.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.73%
11) S ortho-Terphenyl (SURR)	11.260	6082274	33.056 ug/ml
Spiked Amount 50.000		Recovery =	66.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	6374636	36.373 ug/ml
2) T Naphthalene (C11.7)	5.715	7633567	40.884 ug/mlm
3) T 2-Methylnaphthalene (...)	6.762	7443549	39.386 ug/ml
5) T Acenaphthylene (C15.06)	8.028	7547141	39.340 ug/ml
7) T Acenaphthene (C15.5)	8.324	8110504	42.877 ug/ml
8) T Flouorene (C16.55)	9.102	8010751	44.338 ug/ml
9) T Phenanthrene (C19.36)	10.489	8213285	46.342 ug/ml
10) T Anthracene (C19.43)	10.565	8331375	46.821 ug/ml
12) T Fluoranthene (C21.85)	12.295	8519629	47.103 ug/mlm
13) T Pyrene (C20.8)	12.588	8815200	49.228 ug/ml
14) T Benzo[a]anthracene (C...	14.458	7881258	49.315 ug/ml
15) T Chrysene (C27.41)	14.501	7985711	42.813 ug/ml
16) T benzo[b]fluoranthene ...	16.005	7687518	46.160 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	7711796	45.431 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	7442521	45.536 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	8029953	61.046 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	7568699	45.231 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	7295893	44.919 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
Data File : FD048556.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 06:04
Operator : YP/AJ
Sample : P4460-03MSD
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-303-BOTMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 07:10:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 30 14:17:34 2024

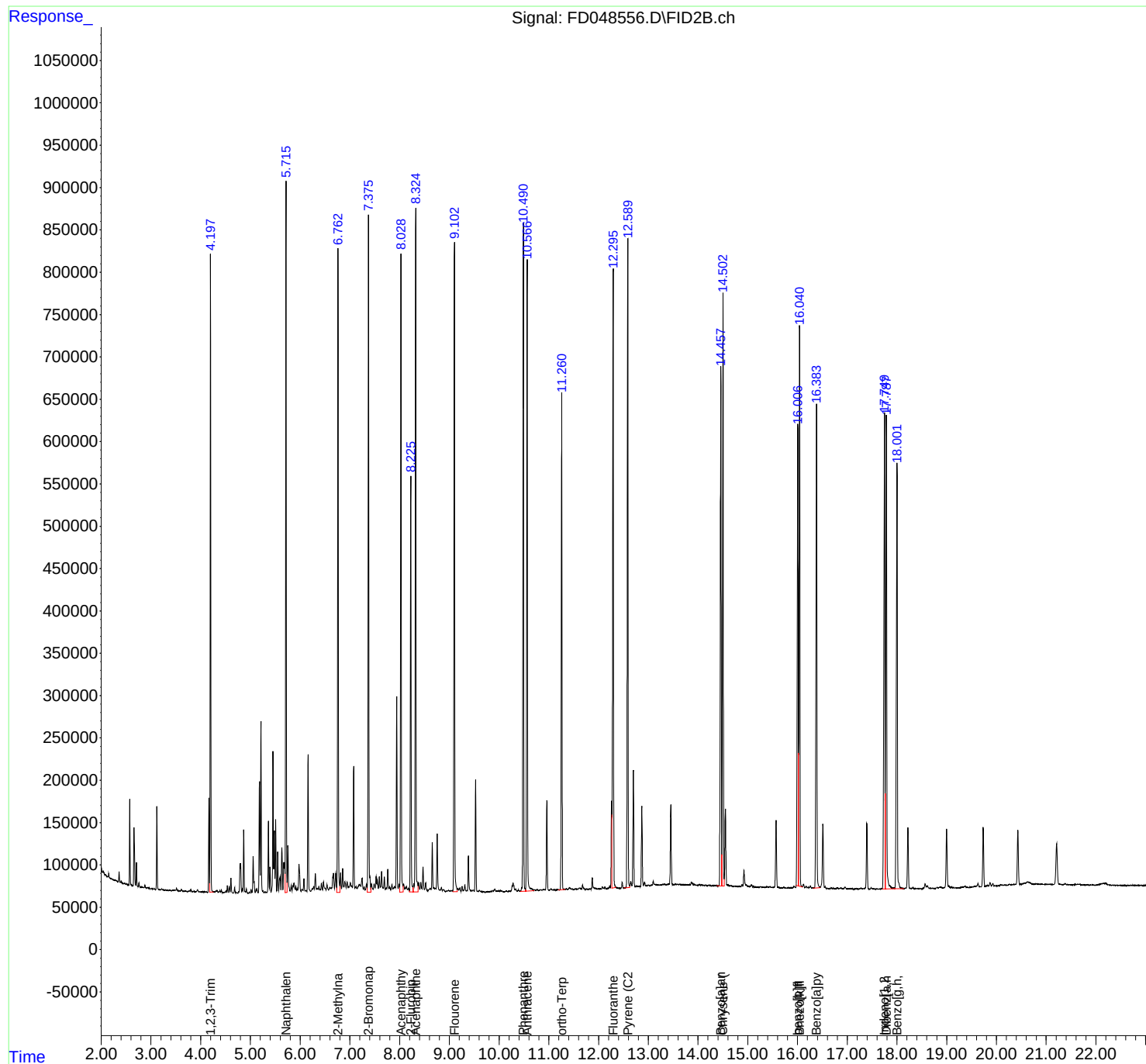
Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm



Instrument :

FID_D

ClientSampleId :

WB-303-BOTMSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10222

Data File : FD048556.D

Signal(s) : FID2B.ch

Acq On : 23 Oct 2024 06:04

Sample : P4460-03MSD

Misc :

ALS Vial : 69 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M

Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.166	4.152	4.180	PV	103910	826790	9.18%	0.372%
2	4.198	4.180	4.262	PV	744828	6113084	67.89%	2.749%
3	4.277	4.262	4.291	PV	468	3786	0.04%	0.002%
4	4.306	4.291	4.318	PV	1874	18111	0.20%	0.008%
5	4.332	4.318	4.352	VV	2379	26111	0.29%	0.012%
6	4.387	4.352	4.402	VV	2268	26059	0.29%	0.012%
7	4.417	4.402	4.452	VV	3245	30486	0.34%	0.014%
8	4.456	4.452	4.473	PV	265	1203	0.01%	0.001%
9	4.487	4.473	4.497	VV	707	5003	0.06%	0.002%
10	4.511	4.497	4.522	VV	2468	20892	0.23%	0.009%
11	4.537	4.522	4.556	VV	8518	79298	0.88%	0.036%
12	4.574	4.556	4.593	VV	7316	87620	0.97%	0.039%
13	4.609	4.593	4.651	VV	17559	176950	1.97%	0.080%
14	4.659	4.651	4.665	PV	179	1133	0.01%	0.001%
15	4.683	4.665	4.702	VV	6348	61856	0.69%	0.028%
16	4.711	4.702	4.740	VV	1022	9692	0.11%	0.004%
17	4.767	4.740	4.774	PV	2067	19732	0.22%	0.009%
18	4.791	4.774	4.798	VV	34652	291255	3.23%	0.131%
19	4.805	4.798	4.826	VV	35494	313911	3.49%	0.141%
20	4.840	4.826	4.848	VV	5246	50866	0.56%	0.023%
21	4.866	4.848	4.892	VV	74848	675620	7.50%	0.304%
22	4.896	4.892	4.905	VV	2059	13789	0.15%	0.006%
23	4.920	4.905	4.956	VV	5295	51899	0.58%	0.023%
24	4.979	4.956	4.998	VV	912	10059	0.11%	0.005%
25	5.014	4.998	5.032	VV	3904	39576	0.44%	0.018%
26	5.056	5.032	5.070	VV	43191	412690	4.58%	0.186%
27	5.075	5.070	5.098	VV	14091	116674	1.30%	0.052%
28	5.115	5.098	5.123	VV	4649	41542	0.46%	0.019%
29	5.133	5.123	5.158	VV	4843	46656	0.52%	0.021%
30	5.181	5.158	5.197	VV	131123	1259331	13.98%	0.566%
31	5.212	5.197	5.243	VV	202487	1888179	20.97%	0.849%
32	5.252	5.243	5.279	VV	2754	30054	0.33%	0.014%
33	5.295	5.279	5.311	VV	1861	21829	0.24%	0.010%
34	5.321	5.311	5.332	VV	836	8429	0.09%	0.004%
35	5.362	5.332	5.381	VV	84892	780841	8.67%	0.351%
36	5.395	5.381	5.416	VV	31019	295501	3.28%	0.133%

Instrument : FID_D									
ClientSampleId : WB-303-BOTMSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
				rters					
37	5.455	5.416	5.469	VV	166881	1582381	17.57%	0.712%	
38	5.481	5.469	5.495	VV	73498	716321			
39	5.508	5.495	5.530	VV	86755	806350			
40	5.549	5.530	5.569	VV	48731	467317			
41	5.585	5.569	5.591	VV	16595	148603			
42	5.599	5.591	5.614	VV	19117	188894			
43	5.633	5.614	5.654	VV	53753	657403	7.30%	0.296%	
44	5.671	5.654	5.679	VV	36433	346242	3.84%	0.156%	
45	5.688	5.679	5.696	VV	35407	319629	3.55%	0.144%	
46	5.716	5.696	5.738	VV	840032	7647609	84.93%	3.439%	
47	5.755	5.738	5.796	VV	55853	686758	7.63%	0.309%	
48	5.822	5.796	5.837	VV	9013	121528	1.35%	0.055%	
49	5.853	5.837	5.861	VV	8496	93815	1.04%	0.042%	
50	5.875	5.861	5.900	VV	11854	194448	2.16%	0.087%	
51	5.914	5.900	5.927	VV	7993	87774	0.97%	0.039%	
52	5.937	5.927	5.947	VV	4754	47951	0.53%	0.022%	
53	5.978	5.947	6.020	VV	34120	585499	6.50%	0.263%	
54	6.036	6.020	6.055	VV	4271	71823	0.80%	0.032%	
55	6.077	6.055	6.101	VV	16894	206857	2.30%	0.093%	
56	6.122	6.101	6.136	VV	2940	51234	0.57%	0.023%	
57	6.160	6.136	6.208	VV	163242	1661570	18.45%	0.747%	
58	6.245	6.208	6.256	VV	5202	101948	1.13%	0.046%	
59	6.273	6.256	6.285	VV	7657	104287	1.16%	0.047%	
60	6.307	6.285	6.328	VV	22854	313895	3.49%	0.141%	
61	6.340	6.328	6.362	VV	5535	94571	1.05%	0.043%	
62	6.377	6.362	6.392	VV	7605	100794	1.12%	0.045%	
63	6.401	6.392	6.413	VV	4275	47188	0.52%	0.021%	
64	6.429	6.413	6.450	VV	11427	157755	1.75%	0.071%	
65	6.470	6.450	6.520	VV	12935	286148	3.18%	0.129%	
66	6.541	6.520	6.572	VV	9473	180020	2.00%	0.081%	
67	6.597	6.572	6.609	VV	6583	112849	1.25%	0.051%	
68	6.617	6.609	6.627	VV	5735	60035	0.67%	0.027%	
69	6.671	6.627	6.690	VV	23369	482066	5.35%	0.217%	
70	6.715	6.690	6.735	VV	23153	365249	4.06%	0.164%	
71	6.762	6.735	6.798	VV	761531	7459370	82.84%	3.354%	
72	6.814	6.798	6.832	VV	23908	283086	3.14%	0.127%	
73	6.856	6.832	6.874	VV	28843	363269	4.03%	0.163%	
74	6.899	6.874	6.925	VV	13194	295324	3.28%	0.133%	
75	6.948	6.925	6.965	VV	12541	226550	2.52%	0.102%	
76	6.975	6.965	6.984	VV	7348	77435	0.86%	0.035%	
77	7.011	6.984	7.026	VV	11922	230277	2.56%	0.104%	
78	7.035	7.026	7.052	VV	8299	112312	1.25%	0.051%	
79	7.077	7.052	7.100	VV	149365	1580030	17.55%	0.710%	
80	7.125	7.100	7.148	VV	7070	175920	1.95%	0.079%	
81	7.180	7.148	7.185	VV	8616	156013	1.73%	0.070%	
82	7.198	7.185	7.221	VV	10076	190512	2.12%	0.086%	
83	7.246	7.221	7.274	VV	17085	325622	3.62%	0.146%	
84	7.288	7.274	7.306	VV	6954	101713	1.13%	0.046%	
85	7.334	7.306	7.349	VV	10171	165216	1.83%	0.074%	
86	7.375	7.349	7.398	VV	799769	7730095	85.84%	3.476%	
87	7.403	7.398	7.421	VV	18623	184209	2.05%	0.083%	
88	7.434	7.421	7.467	VV	10429	195288	2.17%	0.088%	
89	7.489	7.467	7.509	VV	10582	184392	2.05%	0.083%	

							Instrument : FID_D		A
							ClientSampleId : WB-303-BOTMSD		
rteres									Manual IntegrationsAPPROVED
90	7.528	7.509	7.542	VV	19302	262062	2.91%	0.118%	
91	7.553	7.542	7.573	VV	15062	193175	2.91%	0.118%	
92	7.594	7.573	7.611	VV	18924	249786	2.91%	0.118%	
93	7.639	7.611	7.677	VV	25130	429717	2.91%	0.118%	
94	7.694	7.677	7.714	VV	18599	233714	2.91%	0.118%	
95	7.731	7.714	7.742	VV	5659	78993	0.65%	0.026%	
									Reviewed By :Yogesh Patel 10/23/2024 Supervised By :Ankita Jodhani 10/23/2024
96	7.763	7.742	7.784	VV	27661	339750	3.77%	0.153%	
97	7.800	7.784	7.826	VV	6548	126726	1.41%	0.057%	
98	7.846	7.826	7.865	VV	9643	148207	1.65%	0.067%	
99	7.905	7.865	7.916	VV	6589	174639	1.94%	0.079%	
100	7.943	7.916	7.971	VV	231346	2422331	26.90%	1.089%	
101	7.990	7.971	8.002	VV	10098	139400	1.55%	0.063%	
102	8.028	8.002	8.069	VV	754411	7567120	84.03%	3.403%	
103	8.082	8.069	8.104	VV	10172	162687	1.81%	0.073%	
104	8.118	8.104	8.122	VV	5194	51440	0.57%	0.023%	
105	8.136	8.122	8.160	VV	7129	123468	1.37%	0.056%	
106	8.177	8.160	8.197	VV	4974	89438	0.99%	0.040%	
107	8.226	8.197	8.274	VV	492178	5056253	56.15%	2.274%	
108	8.287	8.274	8.297	VV	10878	121783	1.35%	0.055%	
109	8.324	8.297	8.371	VV	808181	8023223	89.10%	3.608%	
110	8.384	8.371	8.406	VV	11840	172953	1.92%	0.078%	
111	8.427	8.406	8.450	VV	11924	191670	2.13%	0.086%	
112	8.472	8.450	8.499	VV	30118	399678	4.44%	0.180%	
113	8.524	8.499	8.570	VV	11470	215553	2.39%	0.097%	
114	8.595	8.570	8.601	VV	3976	58677	0.65%	0.026%	
115	8.615	8.601	8.632	VV	5087	78619	0.87%	0.035%	
116	8.658	8.632	8.682	VV	58850	639146	7.10%	0.287%	
117	8.693	8.682	8.708	VV	5790	78001	0.87%	0.035%	
118	8.722	8.708	8.734	VV	5075	72518	0.81%	0.033%	
119	8.757	8.734	8.795	VV	69527	843318	9.36%	0.379%	
120	8.800	8.795	8.820	VV	3215	42774	0.48%	0.019%	
121	8.841	8.820	8.860	VV	5986	96134	1.07%	0.043%	
122	8.875	8.860	8.880	VV	3260	32523	0.36%	0.015%	
123	8.884	8.880	8.887	VV	3306	14912	0.17%	0.007%	
124	8.892	8.887	8.923	VV	3331	41415	0.46%	0.019%	
125	8.944	8.923	8.957	VV	1871	30546	0.34%	0.014%	
126	8.980	8.957	9.005	VV	2369	56123	0.62%	0.025%	
127	9.033	9.005	9.047	VV	2404	47007	0.52%	0.021%	
128	9.057	9.047	9.072	VV	2185	26827	0.30%	0.012%	
129	9.102	9.072	9.159	VV	766605	8055691	89.46%	3.622%	
130	9.173	9.159	9.192	VV	4952	76185	0.85%	0.034%	
131	9.213	9.192	9.236	VV	5386	93987	1.04%	0.042%	
132	9.257	9.236	9.279	VV	6804	95394	1.06%	0.043%	
133	9.287	9.279	9.295	VV	2691	24198	0.27%	0.011%	
134	9.313	9.295	9.341	VV	9103	123331	1.37%	0.055%	
135	9.358	9.341	9.364	VV	2473	28174	0.31%	0.013%	
136	9.384	9.364	9.437	VV	43353	526681	5.85%	0.237%	
137	9.447	9.437	9.460	VV	2060	25417	0.28%	0.011%	
138	9.480	9.460	9.503	VV	2929	56241	0.62%	0.025%	
139	9.529	9.503	9.562	VV	132689	1423030	15.80%	0.640%	
140	9.573	9.562	9.583	VV	1272	14147	0.16%	0.006%	
141	9.604	9.583	9.668	VV	2093	60993	0.68%	0.027%	

Instrument : FID_D									
ClientSampleId : WB-303-BOTMSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
rteres									
142	9.692	9.668	9.717	VV	937	14357	0.16%	0.006%	A
143	9.743	9.717	9.779	PV	748	18042			B
144	9.781	9.779	9.783	VV	556	1433			C
145	9.798	9.783	9.820	VV	981	16442			D
146	9.843	9.820	9.847	VV	1027	12682			E
147	9.852	9.847	9.857	VV	945	5208			F
148	9.873	9.857	9.884	VV	2035	24711	0.27%	0.011%	G
149	9.918	9.884	9.938	VV	4040	83817	0.93%	0.038%	H
150	9.965	9.938	9.982	VV	1589	32880	0.37%	0.015%	I
151	9.986	9.982	9.990	VV	1051	4929	0.05%	0.002%	J
152	10.005	9.990	10.018	VV	1627	22559	0.25%	0.010%	
153	10.030	10.018	10.045	VV	1891	24898	0.28%	0.011%	
154	10.056	10.045	10.084	VV	1830	24233	0.27%	0.011%	
155	10.145	10.084	10.178	VV	1263	44987	0.50%	0.020%	
156	10.192	10.178	10.199	VV	976	10758	0.12%	0.005%	
157	10.216	10.199	10.221	VV	1123	14032	0.16%	0.006%	
158	10.264	10.221	10.270	VV	7602	92397	1.03%	0.042%	
159	10.282	10.270	10.323	VV	10618	210872	2.34%	0.095%	
160	10.337	10.323	10.364	VV	3198	57013	0.63%	0.026%	
161	10.389	10.364	10.422	VV	2395	52115	0.58%	0.023%	
162	10.455	10.422	10.460	VV	5203	53744	0.60%	0.024%	
163	10.490	10.460	10.533	VV	792666	8215084	91.23%	3.694%	
164	10.566	10.533	10.632	VV	745278	8315823	92.35%	3.739%	
165	10.639	10.632	10.669	VV	4324	82369	0.91%	0.037%	
166	10.679	10.669	10.702	VV	3133	53915	0.60%	0.024%	
167	10.716	10.702	10.745	VV	2587	56435	0.63%	0.025%	
168	10.765	10.745	10.802	VV	2766	72546	0.81%	0.033%	
169	10.829	10.802	10.859	VV	2615	75388	0.84%	0.034%	
170	10.867	10.859	10.876	VV	2466	23211	0.26%	0.010%	
171	10.894	10.876	10.912	VV	2711	52783	0.59%	0.024%	
172	10.961	10.912	11.010	VV	107725	1304328	14.48%	0.587%	
173	11.014	11.010	11.017	VV	2201	8954	0.10%	0.004%	
174	11.051	11.017	11.085	VV	3334	103782	1.15%	0.047%	
175	11.112	11.085	11.143	VV	2576	76407	0.85%	0.034%	
176	11.152	11.143	11.176	VV	2385	44074	0.49%	0.020%	
177	11.180	11.176	11.188	VV	2270	15973	0.18%	0.007%	
178	11.193	11.188	11.215	VV	2237	34332	0.38%	0.015%	
179	11.260	11.215	11.306	VV	589122	6216661	69.04%	2.795%	
180	11.312	11.306	11.333	VV	2977	46432	0.52%	0.021%	
181	11.343	11.333	11.352	VV	3209	33959	0.38%	0.015%	
182	11.355	11.352	11.380	VV	3266	48650	0.54%	0.022%	
183	11.414	11.380	11.458	VV	4802	166498	1.85%	0.075%	
184	11.473	11.458	11.505	VV	3437	81981	0.91%	0.037%	
185	11.540	11.505	11.561	VV	3090	94373	1.05%	0.042%	
186	11.565	11.561	11.574	VV	2992	20020	0.22%	0.009%	
187	11.614	11.574	11.657	VV	4322	169986	1.89%	0.076%	
188	11.680	11.657	11.703	VV	7998	139829	1.55%	0.063%	
189	11.709	11.703	11.730	VV	3562	51308	0.57%	0.023%	
190	11.750	11.730	11.758	VV	3045	45025	0.50%	0.020%	
191	11.762	11.758	11.777	VV	2911	31385	0.35%	0.014%	
192	11.782	11.777	11.797	VV	2806	32662	0.36%	0.015%	
193	11.810	11.797	11.822	VV	2848	41228	0.46%	0.019%	
194	11.842	11.822	11.855	VV	3397	63326	0.70%	0.028%	

							Instrument : FID_D		A	
							ClientSampleId : WB-303-BOTMSD			
rteres									Manual IntegrationsAPPROVED	B
195	11.875	11.855	11.900	VV	16021	228648	2.54%	0.103%		C
196	11.907	11.900	11.943	VV	4500	99681				D
197	11.958	11.943	11.975	VV	3401	59217				E
198	11.986	11.975	12.016	VV	3043	71750			F	
199	12.033	12.016	12.037	VV	3047	35971			G	
200	12.042	12.037	12.055	VV	3106	32298			H	
201	12.078	12.055	12.114	VV	5153	136976	1.52%	0.062%	I	
202	12.130	12.114	12.151	VV	5387	92106	1.02%	0.041%	J	
203	12.172	12.151	12.187	VV	3523	70738	0.79%	0.032%		
204	12.224	12.187	12.237	VV	6704	136612	1.52%	0.061%		
205	12.264	12.237	12.270	VV	106650	1075699	11.95%	0.484%		
206	12.295	12.270	12.405	VV	736858	8803572	97.76%	3.959%		
207	12.410	12.405	12.426	VV	3735	45739	0.51%	0.021%		
208	12.437	12.426	12.442	VV	3655	33073	0.37%	0.015%		
209	12.475	12.442	12.504	VV	10400	206360	2.29%	0.093%		
210	12.541	12.504	12.550	VV	4386	109408	1.21%	0.049%		
211	12.589	12.550	12.628	VV	768992	9005041	100.00%	4.049%		
212	12.648	12.628	12.672	VV	11375	222126	2.47%	0.100%		
213	12.700	12.672	12.730	VV	141853	1708609	18.97%	0.768%		
214	12.773	12.730	12.789	VV	6046	194023	2.15%	0.087%		
215	12.825	12.789	12.839	VV	5994	167556	1.86%	0.075%		
216	12.870	12.839	12.901	VV	100339	1335864	14.83%	0.601%		
217	12.924	12.901	12.949	VV	10733	233066	2.59%	0.105%		
218	12.954	12.949	12.967	VV	6266	66635	0.74%	0.030%		
219	12.989	12.967	12.997	VV	6660	117056	1.30%	0.053%		
220	13.009	12.997	13.025	VV	7092	112958	1.25%	0.051%		
221	13.038	13.025	13.044	VV	6358	68292	0.76%	0.031%		
222	13.063	13.044	13.070	VV	7048	107167	1.19%	0.048%		
223	13.099	13.070	13.150	VV	11604	398074	4.42%	0.179%		
224	13.160	13.150	13.180	VV	7583	132390	1.47%	0.060%		
225	13.185	13.180	13.197	VV	7277	70818	0.79%	0.032%		
226	13.211	13.197	13.236	VV	7420	167529	1.86%	0.075%		
227	13.249	13.236	13.260	VV	7380	104975	1.17%	0.047%		
228	13.301	13.260	13.317	VV	7824	253870	2.82%	0.114%		
229	13.327	13.317	13.342	VV	8255	119260	1.32%	0.054%		
230	13.347	13.342	13.354	VV	7673	51223	0.57%	0.023%		
231	13.371	13.354	13.380	VV	7496	115692	1.28%	0.052%		
232	13.405	13.380	13.422	VV	8536	201520	2.24%	0.091%		
233	13.453	13.422	13.491	VV	101850	1423944	15.81%	0.640%		
234	13.503	13.491	13.527	VV	7622	157139	1.75%	0.071%		
235	13.545	13.527	13.569	VV	8229	192170	2.13%	0.086%		
236	13.579	13.569	13.589	VV	7841	90973	1.01%	0.041%		
237	13.593	13.589	13.617	VV	7666	123637	1.37%	0.056%		
238	13.633	13.617	13.652	VV	7899	157915	1.75%	0.071%		
239	13.655	13.652	13.663	VV	7284	46729	0.52%	0.021%		
240	13.681	13.663	13.699	VV	7458	155497	1.73%	0.070%		
241	13.703	13.699	13.716	VV	7367	75223	0.84%	0.034%		
242	13.720	13.716	13.744	VV	7178	118035	1.31%	0.053%		
243	13.758	13.744	13.769	VV	7305	107187	1.19%	0.048%		
244	13.774	13.769	13.779	VV	7017	38568	0.43%	0.017%		
245	13.789	13.779	13.798	VV	7082	81334	0.90%	0.037%		
246	13.804	13.798	13.810	VV	7025	50170	0.56%	0.023%		

Instrument : FID_D									
ClientSampleId : WB-303-BOTMSD									
Manual IntegrationsAPPROVED									
Reviewed By :Yogesh Patel 10/23/2024									
Supervised By :Ankita Jodhani 10/23/2024									
					rters				
247	13.817	13.810	13.827	VV	7301	68346	0.76%	0.031%	
248	13.865	13.827	13.909	VV	10310	402092			
249	13.929	13.909	13.967	VV	7558	240526			
250	13.972	13.967	13.992	VV	6542	97025			
251	14.014	13.992	14.055	VV	7235	253646			
252	14.068	14.055	14.087	VV	7053	127013			
253	14.101	14.087	14.122	VV	6644	133977	1.49%	0.060%	
254	14.148	14.122	14.152	VV	6412	109193	1.21%	0.049%	
255	14.158	14.152	14.187	VV	6477	126768	1.41%	0.057%	
256	14.209	14.187	14.225	VV	6087	137797	1.53%	0.062%	
257	14.235	14.225	14.264	VV	6337	139145	1.55%	0.063%	
258	14.269	14.264	14.274	VV	5748	31870	0.35%	0.014%	
259	14.288	14.274	14.299	VV	5766	84488	0.94%	0.038%	
260	14.307	14.299	14.326	VV	5916	93359	1.04%	0.042%	
261	14.346	14.326	14.374	VV	5798	163011	1.81%	0.073%	
262	14.378	14.374	14.388	VV	5603	47851	0.53%	0.022%	
263	14.396	14.388	14.412	VV	5768	77896	0.87%	0.035%	
264	14.458	14.412	14.476	VV	617919	8083594	89.77%	3.635%	
265	14.502	14.476	14.526	VV	706153	8152653	90.53%	3.666%	
266	14.550	14.526	14.630	VV	96347	1515615	16.83%	0.682%	
267	14.634	14.630	14.639	VV	5534	27374	0.30%	0.012%	
268	14.643	14.639	14.704	VV	5594	202261	2.25%	0.091%	
269	14.737	14.704	14.769	VV	5256	189393	2.10%	0.085%	
270	14.775	14.769	14.787	VV	4723	51428	0.57%	0.023%	
271	14.791	14.787	14.812	VV	4685	67645	0.75%	0.030%	
272	14.824	14.812	14.841	VV	4758	79579	0.88%	0.036%	
273	14.848	14.841	14.862	VV	4558	56142	0.62%	0.025%	
274	14.883	14.862	14.897	VV	6929	119874	1.33%	0.054%	
275	14.923	14.897	14.964	VV	23871	464392	5.16%	0.209%	
276	14.970	14.964	14.990	VV	6220	88127	0.98%	0.040%	
277	14.995	14.990	15.020	VV	5113	86201	0.96%	0.039%	
278	15.028	15.020	15.042	VV	4639	57809	0.64%	0.026%	
279	15.075	15.042	15.107	VV	6366	195711	2.17%	0.088%	
280	15.118	15.107	15.156	VV	4351	115377	1.28%	0.052%	
281	15.160	15.156	15.166	VV	3785	22328	0.25%	0.010%	
282	15.181	15.166	15.227	VV	3886	134030	1.49%	0.060%	
283	15.266	15.227	15.317	VV	4105	196110	2.18%	0.088%	
284	15.337	15.317	15.349	VV	3384	62524	0.69%	0.028%	
285	15.393	15.349	15.402	VV	3808	113059	1.26%	0.051%	
286	15.408	15.402	15.417	VV	3704	32121	0.36%	0.014%	
287	15.434	15.417	15.440	VV	4060	50802	0.56%	0.023%	
288	15.447	15.440	15.487	VV	4103	101236	1.12%	0.046%	
289	15.493	15.487	15.504	VV	3261	30955	0.34%	0.014%	
290	15.524	15.504	15.533	VV	3446	56592	0.63%	0.025%	
291	15.567	15.533	15.600	VV	82220	1158932	12.87%	0.521%	
292	15.606	15.600	15.661	VV	3444	108435	1.20%	0.049%	
293	15.670	15.661	15.689	VV	2592	40652	0.45%	0.018%	
294	15.727	15.689	15.757	VV	3266	108894	1.21%	0.049%	
295	15.761	15.757	15.770	VV	2454	18805	0.21%	0.008%	
296	15.780	15.770	15.794	VV	2462	33201	0.37%	0.015%	
297	15.820	15.794	15.852	VV	2647	88221	0.98%	0.040%	
298	15.903	15.852	15.910	VV	2757	89917	1.00%	0.040%	
299	15.934	15.910	15.964	VV	4271	107575	1.19%	0.048%	

Manual IntegrationsAPPROVED		B
Reviewed By :Yogesh Patel	10/23/2024	C
Supervised By :Ankita Jodhani	10/23/2024	D

Page 7



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

FC100224AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FC102224AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB164309BSD	FC067487.D	n-Octacosane (C28)	yogesh	10/23/2024 8:03:21 AM	Ankita	10/23/2024 10:01:04	Peak Integrated by Software
P4456-01	FC067488.D	1-chlorooctadecane (SURRE)	yogesh	10/23/2024 8:03:23 AM	Ankita	10/23/2024 10:01:05	Peak Integrated by Software
P4460-03	FC067490.D	1-chlorooctadecane (SURRE)	yogesh	10/23/2024 8:03:24 AM	Ankita	10/23/2024 10:01:07	Peak Integrated by Software
P4460-03D	FC067491.D	1-chlorooctadecane (SURRE)	yogesh	10/23/2024 8:03:26 AM	Ankita	10/23/2024 10:01:08	Peak Integrated by Software
P4460-03MS	FC067492.D	1-chlorooctadecane (SURRE)	yogesh	10/23/2024 8:03:28 AM	Ankita	10/23/2024 10:01:10	Peak Integrated by Software
P4460-03MS	FC067492.D	n-Dodecane (C12)	yogesh	10/23/2024 8:03:28 AM	Ankita	10/23/2024 10:01:10	Peak Integrated by Software
P4460-03MS	FC067492.D	n-Hexacosane (C26)	yogesh	10/23/2024 8:03:28 AM	Ankita	10/23/2024 10:01:10	Peak Integrated by Software
P4460-03MS	FC067492.D	n-Hexatriacontane (C36)	yogesh	10/23/2024 8:03:28 AM	Ankita	10/23/2024 10:01:10	Peak Integrated by Software
P4460-03MS	FC067492.D	n-Tetradecane (C14)	yogesh	10/23/2024 8:03:28 AM	Ankita	10/23/2024 10:01:10	Peak Integrated by Software
P4460-03MSD	FC067493.D	1-chlorooctadecane (SURRE)	yogesh	10/23/2024 8:03:30 AM	Ankita	10/23/2024 10:01:11	Peak Integrated by Software
P4460-03MSD	FC067493.D	n-Heneicosane (C21)	yogesh	10/23/2024 8:03:30 AM	Ankita	10/23/2024 10:01:11	Peak Integrated by Software
P4460-03MSD	FC067493.D	n-Tetradecane (C14)	yogesh	10/23/2024 8:03:30 AM	Ankita	10/23/2024 10:01:11	Peak Integrated by Software
P4471-02	FC067495.D	1-chlorooctadecane (SURRE)	yogesh	10/23/2024 11:25:14 AM	Ankita	10/24/2024 9:20:12	Peak Integrated by Software

Manual Integration Report

Sequence:

FC102224AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4456-01DL	FC067500.D	1-chlorooctadecane (SURR)	yogesh	10/24/2024 8:26:50 AM	Ankita	10/24/2024 9:20:13	Peak Integrated by Software
20 PPM ALIPHATIC HC	FC067503.D	n-Tetracontane (C40)	yogesh	10/24/2024 8:26:52 AM	Ankita	10/24/2024 9:20:15	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

FC102324AL

Instrument

FID_c

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FC102424AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

FD093024AR

Instrument

FID_d

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FD102224AR	Instrument	FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FD048547.D	benzo[b]fluoranthene (C30.41)	yogesh	10/23/2024 8:45:26 AM	Ankita	10/23/2024 10:01:32	Peak Integrated by Software
20 PPM AROMATIC HC	FD048547.D	Bnezo[k]fluoranthene (C30.14)	yogesh	10/23/2024 8:45:26 AM	Ankita	10/23/2024 10:01:32	Peak Integrated by Software
20 PPM AROMATIC HC	FD048547.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	10/23/2024 8:45:26 AM	Ankita	10/23/2024 10:01:32	Peak Integrated by Software
PB164309BS	FD048549.D	Fluoranthene (C21.85)	yogesh	10/23/2024 8:45:28 AM	Ankita	10/23/2024 10:01:34	Peak Integrated by Software
PB164309BSD	FD048550.D	Fluoranthene (C21.85)	yogesh	10/23/2024 8:45:29 AM	Ankita	10/23/2024 10:01:35	Peak Integrated by Software
P4456-01	FD048551.D	ortho-Terphenyl (SURR)	yogesh	10/23/2024 8:45:31 AM	Ankita	10/23/2024 10:01:36	Peak Integrated by Software
P4460-03MS	FD048555.D	Fluoranthene (C21.85)	yogesh	10/23/2024 8:45:32 AM	Ankita	10/23/2024 10:01:38	Peak Integrated by Software
P4460-03MSD	FD048556.D	Fluoranthene (C21.85)	yogesh	10/23/2024 8:45:34 AM	Ankita	10/23/2024 10:01:39	Peak Integrated by Software
P4460-03MSD	FD048556.D	Naphthalene (C11.7)	yogesh	10/23/2024 8:45:34 AM	Ankita	10/23/2024 10:01:39	Peak Integrated by Software
20 PPM AROMATIC HC	FD048560.D	benzo[b]fluoranthene (C30.41)	yogesh	10/23/2024 11:25:21 AM	Ankita	10/24/2024 9:20:32	Peak Integrated by Software
20 PPM AROMATIC HC	FD048560.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	10/23/2024 11:25:21 AM	Ankita	10/24/2024 9:20:32	Peak Integrated by Software
P4456-01DL	FD048563.D	ortho-Terphenyl (SURR)	yogesh	10/24/2024 8:27:15 AM	Ankita	10/24/2024 9:20:33	Peak Integrated by Software
20 PPM AROMATIC HC	FD048565.D	Dibenz[a,h]anthracene (C30.36)	yogesh	10/24/2024 8:27:16 AM	Ankita	10/24/2024 9:20:35	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FD102224AR	Instrument	FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FD048565.D	Indeno[1,2,3-cd]pyrene (C35.01)	yogesh	10/24/2024 8:27:16 AM	Ankita	10/24/2024 9:20:35	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

FD102324AR

Instrument

FID_d

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	FD102424AR	Instrument	FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB164368BS	FD048580.D	1,2,3-Trimethylbenzene (C10.1)	yogesh	10/25/2024 8:53:59 AM	Ankita	10/25/2024 11:47:12	Peak Integrated by Software
PB164368BS	FD048580.D	Fluoranthene (C21.85)	yogesh	10/25/2024 8:53:59 AM	Ankita	10/25/2024 11:47:12	Peak Integrated by Software
PB164368BSD	FD048581.D	1,2,3-Trimethylbenzene (C10.1)	yogesh	10/25/2024 8:54:00 AM	Ankita	10/25/2024 11:47:13	Peak Integrated by Software
PB164368BSD	FD048581.D	Fluoranthene (C21.85)	yogesh	10/25/2024 8:54:00 AM	Ankita	10/25/2024 11:47:13	Peak Integrated by Software
20 PPM AROMATIC HC	FD048584.D	Benzo[a]pyrene (C31.34)	yogesh	10/25/2024 8:54:02 AM	Ankita	10/25/2024 11:47:15	Peak Integrated by Software

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC100224AL

Review By	yogesh	Review On	10/1/2024 9:33:02 AM
Supervise By	Ankita	Supervise On	10/1/2024 10:31:51 AM
SubDirectory	FC100224AL	HP Acquire Method	HP Processing Method FC100224AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC Internal Standard/PEM	PP23647		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23645,PP23650		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC067310.D	30 Sep 2024 09:18	YP/AJ	Ok
2	I.BLK	FC067311.D	30 Sep 2024 09:55	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC067312.D	30 Sep 2024 10:32	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC067313.D	30 Sep 2024 11:10	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC067314.D	30 Sep 2024 11:48	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC067315.D	30 Sep 2024 12:47	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC067316.D	30 Sep 2024 13:35	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC067317.D	30 Sep 2024 14:29	YP/AJ	Ok
9	I.BLK	FC067318.D	30 Sep 2024 15:06	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC067319.D	30 Sep 2024 15:49	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102224AL

Review By	yogesh	Review On	10/22/2024 1:46:45 PM
Supervise By	Ankita	Supervise On	10/23/2024 10:01:20 AM
SubDirectory	FC102224AL	HP Acquire Method	HP Processing Method FC100224AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC Internal Standard/PEM	PP23647		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23645,PP23650		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC067482.D	22 Oct 2024 10:55	YP/AJ	Ok
2	I.BLK	FC067483.D	22 Oct 2024 11:32	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC067484.D	22 Oct 2024 12:09	YP/AJ	Ok
4	PB164309BL	FC067485.D	23 Oct 2024 01:18	YP/AJ	Ok
5	PB164309BS	FC067486.D	23 Oct 2024 01:53	YP/AJ	Ok
6	PB164309BSD	FC067487.D	23 Oct 2024 02:29	YP/AJ	Ok,M
7	P4456-01	FC067488.D	23 Oct 2024 03:05	YP/AJ	Dilution
8	P4460-02	FC067489.D	23 Oct 2024 03:41	YP/AJ	Ok
9	P4460-03	FC067490.D	23 Oct 2024 04:16	YP/AJ	Dilution
10	P4460-03D	FC067491.D	23 Oct 2024 04:52	YP/AJ	Ok,M
11	P4460-03MS	FC067492.D	23 Oct 2024 05:28	YP/AJ	Ok,M
12	P4460-03MSD	FC067493.D	23 Oct 2024 06:04	YP/AJ	Ok,M
13	P4471-01	FC067494.D	23 Oct 2024 06:40	YP/AJ	Ok
14	P4471-02	FC067495.D	23 Oct 2024 07:17	YP/AJ	Ok,M
15	I.BLK	FC067496.D	23 Oct 2024 07:54	YP/AJ	Ok
16	20 PPM ALIPHATIC HC STD	FC067497.D	23 Oct 2024 08:30	YP/AJ	Ok
17	P4473-01	FC067498.D	23 Oct 2024 10:19	YP/AJ	Ok
18	P4474-01	FC067499.D	23 Oct 2024 10:56	YP/AJ	Ok
19	P4456-01DL	FC067500.D	23 Oct 2024 11:33	YP/AJ	Ok,M
20	P4460-03DL	FC067501.D	23 Oct 2024 12:09	YP/AJ	Ok
21	I.BLK	FC067502.D	23 Oct 2024 12:46	YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102224AL

Review By	yogesh	Review On	10/22/2024 1:46:45 PM
Supervise By	Ankita	Supervise On	10/23/2024 10:01:20 AM
SubDirectory	FC102224AL	HP Acquire Method	HP Processing Method FC100224AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC Internal Standard/PEM	PP23647		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23645,PP23650		

22	20 PPM ALIPHATIC HC STD	FC067503.D	23 Oct 2024 13:22	YP/AJ	Ok,M

M : Manual Integration

A
B
C
D
E
F
G
H
I
J

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102324AL

Review By	yogesh	Review On	10/23/2024 4:03:24 PM
Supervise By	Ankita	Supervise On	10/24/2024 9:29:51 AM
SubDirectory	FC102324AL	HP Acquire Method	HP Processing Method FC102324AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC Internal Standard/PEM	PP23647		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23645,PP23650		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC067504.D	23 Oct 2024 13:59	YP/AJ	Ok
2	I.BLK	FC067505.D	23 Oct 2024 14:35	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC067506.D	23 Oct 2024 15:12	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC067507.D	23 Oct 2024 15:48	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC067508.D	23 Oct 2024 16:25	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC067509.D	23 Oct 2024 17:02	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC067510.D	23 Oct 2024 17:38	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC067511.D	23 Oct 2024 18:14	YP/AJ	Ok
9	I.BLK	FC067512.D	23 Oct 2024 19:27	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC067513.D	23 Oct 2024 20:03	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102424AL

Review By	yogesh	Review On	10/24/2024 11:06:37 AM
Supervise By	Ankita	Supervise On	10/25/2024 11:47:27 AM
SubDirectory	FC102424AL	HP Acquire Method	HP Processing Method FC102324AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC Internal Standard/PEM	PP23647		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23645,PP23650		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC067514.D	24 Oct 2024 09:29	YP/AJ	Ok
2	I.BLK	FC067515.D	24 Oct 2024 10:05	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC067516.D	24 Oct 2024 10:41	YP/AJ	Ok
4	PB164368BL	FC067517.D	24 Oct 2024 11:36	YP/AJ	Ok
5	PB164368BS	FC067518.D	24 Oct 2024 12:12	YP/AJ	Ok
6	PB164368BSD	FC067519.D	24 Oct 2024 12:48	YP/AJ	Ok
7	P4460-06	FC067520.D	24 Oct 2024 13:25	YP/AJ	Ok
8	I.BLK	FC067521.D	24 Oct 2024 14:01	YP/AJ	Ok
9	20 PPM ALIPHATIC HC STD	FC067522.D	24 Oct 2024 14:38	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD093024AR

Review By	yogesh	Review On	9/30/2024 3:32:01 PM
Supervise By	Ankita	Supervise On	10/1/2024 10:34:21 AM
SubDirectory	FD093024AR	HP Acquire Method	HP Processing Method FD093024AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23429,PP23519,PP23520,PP23521,PP23522		
CCC Internal Standard/PEM	PP23520		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23430,PP23523		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD048396.D	30 Sep 2024 09:18	YP/AJ	Ok
2	I.BLK	FD048397.D	30 Sep 2024 09:55	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD048398.D	30 Sep 2024 10:32	YP/AJ	Ok
4	50 PPM AROMATIC HC STD2	FD048399.D	30 Sep 2024 11:10	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD048400.D	30 Sep 2024 11:48	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD048401.D	30 Sep 2024 12:47	YP/AJ	Ok
7	5 PPM AROMATIC HC STD5	FD048402.D	30 Sep 2024 13:35	YP/AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FD048403.D	30 Sep 2024 14:29	YP/AJ	Ok
9	I.BLK	FD048404.D	30 Sep 2024 15:06	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD048405.D	30 Sep 2024 15:49	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD102224AR

Review By	yogesh	Review On	10/22/2024 1:47:57 PM
Supervise By	Ankita	Supervise On	10/23/2024 10:01:56 AM
SubDirectory	FD102224AR	HP Acquire Method	HP Processing Method FD093024AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23429,PP23519,PP23520,PP23521,PP23522		
CCC Internal Standard/PEM	PP23520		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23430,PP23523		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD048545.D	22 Oct 2024 10:55	YP/AJ	Ok
2	I.BLK	FD048546.D	22 Oct 2024 11:32	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD048547.D	22 Oct 2024 12:09	YP/AJ	Ok,M
4	PB164309BL	FD048548.D	23 Oct 2024 01:18	YP/AJ	Ok
5	PB164309BS	FD048549.D	23 Oct 2024 01:53	YP/AJ	Ok,M
6	PB164309BSD	FD048550.D	23 Oct 2024 02:29	YP/AJ	Ok,M
7	P4456-01	FD048551.D	23 Oct 2024 03:05	YP/AJ	Dilution
8	P4460-02	FD048552.D	23 Oct 2024 03:41	YP/AJ	Ok
9	P4460-03	FD048553.D	23 Oct 2024 04:16	YP/AJ	Ok
10	P4460-03D	FD048554.D	23 Oct 2024 04:52	YP/AJ	Ok
11	P4460-03MS	FD048555.D	23 Oct 2024 05:28	YP/AJ	Ok,M
12	P4460-03MSD	FD048556.D	23 Oct 2024 06:04	YP/AJ	Ok,M
13	P4471-01	FD048557.D	23 Oct 2024 06:40	YP/AJ	Ok
14	P4471-02	FD048558.D	23 Oct 2024 07:17	YP/AJ	Ok
15	I.BLK	FD048559.D	23 Oct 2024 07:54	YP/AJ	Ok
16	20 PPM AROMATIC HC STD	FD048560.D	23 Oct 2024 08:30	YP/AJ	Ok,M
17	P4473-01	FD048561.D	23 Oct 2024 10:19	YP/AJ	Ok
18	P4474-01	FD048562.D	23 Oct 2024 10:56	YP/AJ	Ok
19	P4456-01DL	FD048563.D	23 Oct 2024 11:33	YP/AJ	Ok,M
20	I.BLK	FD048564.D	23 Oct 2024 12:09	YP/AJ	Ok
21	20 PPM AROMATIC HC STD	FD048565.D	23 Oct 2024 12:46	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD102324AR

Review By	yogesh	Review On	10/23/2024 4:04:27 PM
Supervise By	Ankita	Supervise On	10/24/2024 9:29:45 AM
SubDirectory	FD102324AR	HP Acquire Method	HP Processing Method FD102324AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23429,PP23519,PP23520,PP23521,PP23522		
CCC Internal Standard/PEM	PP23520		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23430,PP23523		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD048566.D	23 Oct 2024 13:59	YP/AJ	Ok
2	I.BLK	FD048567.D	23 Oct 2024 14:35	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD048568.D	23 Oct 2024 15:12	YP/AJ	Ok
4	50 PPM AROMATIC HC STD2	FD048569.D	23 Oct 2024 15:48	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD048570.D	23 Oct 2024 16:25	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD048571.D	23 Oct 2024 17:02	YP/AJ	Ok
7	5 PPM AROMATIC HC STD5	FD048572.D	23 Oct 2024 17:38	YP/AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FD048573.D	23 Oct 2024 18:14	YP/AJ	Ok
9	I.BLK	FD048574.D	23 Oct 2024 19:27	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD048575.D	23 Oct 2024 20:03	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD102424AR

Review By	yogesh	Review On	10/24/2024 11:08:13 AM
Supervise By	Ankita	Supervise On	10/25/2024 11:47:19 AM
SubDirectory	FD102424AR	HP Acquire Method	HP Processing Method FD102324AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23429,PP23519,PP23520,PP23521,PP23522		
CCC Internal Standard/PEM	PP23520		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23430,PP23523		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD048576.D	24 Oct 2024 09:29	YP/AJ	Ok
2	I.BLK	FD048577.D	24 Oct 2024 10:05	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD048578.D	24 Oct 2024 10:41	YP/AJ	Ok
4	PB164368BL	FD048579.D	24 Oct 2024 11:36	YP/AJ	Ok
5	PB164368BS	FD048580.D	24 Oct 2024 12:12	YP/AJ	Ok,M
6	PB164368BSD	FD048581.D	24 Oct 2024 12:48	YP/AJ	Ok,M
7	P4460-06	FD048582.D	24 Oct 2024 13:25	YP/AJ	Ok
8	I.BLK	FD048583.D	24 Oct 2024 14:01	YP/AJ	Ok
9	20 PPM AROMATIC HC STD	FD048584.D	24 Oct 2024 14:38	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC100224AL

Review By	yogesh	Review On	10/1/2024 9:33:02 AM
Supervise By	Ankita	Supervise On	10/1/2024 10:31:51 AM
SubDirectory	FC100224AL	HP Acquire Method	HP Processing Method FC100224AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM			
ICV/I.BLK	PP23645,PP23650		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC067310.D	30 Sep 2024 09:18		YP/AJ	Ok
2	I.BLK	I.BLK	FC067311.D	30 Sep 2024 09:55		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC067312.D	30 Sep 2024 10:32		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC067313.D	30 Sep 2024 11:10		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067314.D	30 Sep 2024 11:48		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC067315.D	30 Sep 2024 12:47		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC067316.D	30 Sep 2024 13:35		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067317.D	30 Sep 2024 14:29		YP/AJ	Ok
9	I.BLK	I.BLK	FC067318.D	30 Sep 2024 15:06		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067319.D	30 Sep 2024 15:49		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102224AL

Review By	yogesh	Review On	10/22/2024 1:46:45 PM
Supervise By	Ankita	Supervise On	10/23/2024 10:01:20 AM
SubDirectory	FC102224AL	HP Acquire Method	HP Processing Method FC100224AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM			
ICV/I.BLK	PP23645,PP23650		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC067482.D	22 Oct 2024 10:55		YP/AJ	Ok
2	I.BLK	I.BLK	FC067483.D	22 Oct 2024 11:32		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067484.D	22 Oct 2024 12:09		YP/AJ	Ok
4	PB164309BL	PB164309BL	FC067485.D	23 Oct 2024 01:18		YP/AJ	Ok
5	PB164309BS	PB164309BS	FC067486.D	23 Oct 2024 01:53		YP/AJ	Ok
6	PB164309BSD	PB164309BSD	FC067487.D	23 Oct 2024 02:29		YP/AJ	Ok,M
7	P4456-01	PAD-10182024	FC067488.D	23 Oct 2024 03:05	need 50x dilution	YP/AJ	Dilution
8	P4460-02	WB-303-TOP	FC067489.D	23 Oct 2024 03:41		YP/AJ	Ok
9	P4460-03	WB-303-BOT	FC067490.D	23 Oct 2024 04:16	need 5x dilution	YP/AJ	Dilution
10	P4460-03D	P4460-03D	FC067491.D	23 Oct 2024 04:52		YP/AJ	Ok,M
11	P4460-03MS	WB-303-BOTMS	FC067492.D	23 Oct 2024 05:28	FC067490.D	YP/AJ	Ok,M
12	P4460-03MSD	WB-303-BOTMSD	FC067493.D	23 Oct 2024 06:04	FC067490.D!FC067492.D	YP/AJ	Ok,M
13	P4471-01	B-180-SB01	FC067494.D	23 Oct 2024 06:40		YP/AJ	Ok
14	P4471-02	B-180-SB02	FC067495.D	23 Oct 2024 07:17		YP/AJ	Ok,M
15	I.BLK	I.BLK	FC067496.D	23 Oct 2024 07:54		YP/AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067497.D	23 Oct 2024 08:30		YP/AJ	Ok
17	P4473-01	TS-1	FC067498.D	23 Oct 2024 10:19		YP/AJ	Ok
18	P4474-01	TS-2	FC067499.D	23 Oct 2024 10:56		YP/AJ	Ok

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102224AL

Review By	yogesh	Review On	10/22/2024 1:46:45 PM
Supervise By	Ankita	Supervise On	10/23/2024 10:01:20 AM
SubDirectory	FC102224AL	HP Acquire Method	HP Processing Method FC100224AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM			
ICV/I.BLK	PP23645,PP23650		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	P4456-01DL	PAD-10182024DL	FC067500.D	23 Oct 2024 11:33		YP/AJ	Ok,M
20	P4460-03DL	WB-303-BOTDL	FC067501.D	23 Oct 2024 12:09		YP/AJ	Ok
21	I.BLK	I.BLK	FC067502.D	23 Oct 2024 12:46		YP/AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067503.D	23 Oct 2024 13:22		YP/AJ	Ok,M

M : Manual Integration

A
B
C
D
E
F
G
H
I
J

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102324AL

Review By	yogesh	Review On	10/23/2024 4:03:24 PM
Supervise By	Ankita	Supervise On	10/24/2024 9:29:51 AM
SubDirectory	FC102324AL	HP Acquire Method	HP Processing Method FC102324AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM			
ICV/I.BLK	PP23645,PP23650		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC067504.D	23 Oct 2024 13:59		YP/AJ	Ok
2	I.BLK	I.BLK	FC067505.D	23 Oct 2024 14:35		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC067506.D	23 Oct 2024 15:12		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC067507.D	23 Oct 2024 15:48		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067508.D	23 Oct 2024 16:25		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC067509.D	23 Oct 2024 17:02		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC067510.D	23 Oct 2024 17:38		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067511.D	23 Oct 2024 18:14		YP/AJ	Ok
9	I.BLK	I.BLK	FC067512.D	23 Oct 2024 19:27		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067513.D	23 Oct 2024 20:03		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC102424AL

Review By	yogesh	Review On	10/24/2024 11:06:37 AM
Supervise By	Ankita	Supervise On	10/25/2024 11:47:27 AM
SubDirectory	FC102424AL	HP Acquire Method	HP Processing Method FC102324AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23644,PP23646,PP23647,PP23648,PP23649		
CCC	PP23647		
Internal Standard/PEM			
ICV/I.BLK	PP23645,PP23650		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC067514.D	24 Oct 2024 09:29		YP/AJ	Ok
2	I.BLK	I.BLK	FC067515.D	24 Oct 2024 10:05		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067516.D	24 Oct 2024 10:41		YP/AJ	Ok
4	PB164368BL	PB164368BL	FC067517.D	24 Oct 2024 11:36		YP/AJ	Ok
5	PB164368BS	PB164368BS	FC067518.D	24 Oct 2024 12:12		YP/AJ	Ok
6	PB164368BSD	PB164368BSD	FC067519.D	24 Oct 2024 12:48		YP/AJ	Ok
7	P4460-06	WB-303-SW	FC067520.D	24 Oct 2024 13:25		YP/AJ	Ok
8	I.BLK	I.BLK	FC067521.D	24 Oct 2024 14:01		YP/AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC067522.D	24 Oct 2024 14:38		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD093024AR

Review By	yogesh	Review On	9/30/2024 3:32:01 PM
Supervise By	Ankita	Supervise On	10/1/2024 10:34:21 AM
SubDirectory	FD093024AR	HP Acquire Method	HP Processing Method FD093024AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23429,PP23519,PP23520,PP23521,PP23522		
CCC	PP23520		
Internal Standard/PEM	PP23430,PP23523		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD048396.D	30 Sep 2024 09:18		YP/AJ	Ok
2	I.BLK	I.BLK	FD048397.D	30 Sep 2024 09:55		YP/AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FD048398.D	30 Sep 2024 10:32		YP/AJ	Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD048399.D	30 Sep 2024 11:10		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048400.D	30 Sep 2024 11:48		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD048401.D	30 Sep 2024 12:47		YP/AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD048402.D	30 Sep 2024 13:35		YP/AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048403.D	30 Sep 2024 14:29		YP/AJ	Ok
9	I.BLK	I.BLK	FD048404.D	30 Sep 2024 15:06		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048405.D	30 Sep 2024 15:49		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD102224AR

Review By	yogesh	Review On	10/22/2024 1:47:57 PM	
Supervise By	Ankita	Supervise On	10/23/2024 10:01:56 AM	
SubDirectory	FD102224AR	HP Acquire Method	HP Processing Method	FD093024AR
STD. NAME		STD REF.#		
Tune/Reschk Initial Calibration Stds		PP23429,PP23519,PP23520,PP23521,PP23522		
CCC		PP23520		
Internal Standard/PEM				
ICV/I.BLK		PP23430,PP23523		
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD048545.D	22 Oct 2024 10:55		YP/AJ	Ok
2	I.BLK	I.BLK	FD048546.D	22 Oct 2024 11:32		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048547.D	22 Oct 2024 12:09		YP/AJ	Ok,M
4	PB164309BL	PB164309BL	FD048548.D	23 Oct 2024 01:18		YP/AJ	Ok
5	PB164309BS	PB164309BS	FD048549.D	23 Oct 2024 01:53		YP/AJ	Ok,M
6	PB164309BSD	PB164309BSD	FD048550.D	23 Oct 2024 02:29		YP/AJ	Ok,M
7	P4456-01	PAD-10182024	FD048551.D	23 Oct 2024 03:05	need 5x dilution	YP/AJ	Dilution
8	P4460-02	WB-303-TOP	FD048552.D	23 Oct 2024 03:41		YP/AJ	Ok
9	P4460-03	WB-303-BOT	FD048553.D	23 Oct 2024 04:16		YP/AJ	Ok
10	P4460-03D	P4460-03D	FD048554.D	23 Oct 2024 04:52		YP/AJ	Ok
11	P4460-03MS	WB-303-BOTMS	FD048555.D	23 Oct 2024 05:28	FD048553.D	YP/AJ	Ok,M
12	P4460-03MSD	WB-303-BOTMSD	FD048556.D	23 Oct 2024 06:04	FD048553.D!FD048555.D	YP/AJ	Ok,M
13	P4471-01	B-180-SB01	FD048557.D	23 Oct 2024 06:40		YP/AJ	Ok
14	P4471-02	B-180-SB02	FD048558.D	23 Oct 2024 07:17		YP/AJ	Ok
15	I.BLK	I.BLK	FD048559.D	23 Oct 2024 07:54		YP/AJ	Ok
16	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048560.D	23 Oct 2024 08:30		YP/AJ	Ok,M
17	P4473-01	TS-1	FD048561.D	23 Oct 2024 10:19		YP/AJ	Ok
18	P4474-01	TS-2	FD048562.D	23 Oct 2024 10:56		YP/AJ	Ok

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD102224AR

Review By	yogesh	Review On	10/22/2024 1:47:57 PM	
Supervise By	Ankita	Supervise On	10/23/2024 10:01:56 AM	
SubDirectory	FD102224AR	HP Acquire Method	HP Processing Method	FD093024AR
STD. NAME	STD REF.#			
Tune/Reschk Initial Calibration Stds	PP23429,PP23519,PP23520,PP23521,PP23522			
CCC	PP23520			
Internal Standard/PEM				
ICV/I.BLK	PP23430,PP23523			
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

19	P4456-01DL	PAD-10182024DL	FD048563.D	23 Oct 2024 11:33		YP/AJ	Ok,M
20	I.BLK	I.BLK	FD048564.D	23 Oct 2024 12:09		YP/AJ	Ok
21	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048565.D	23 Oct 2024 12:46		YP/AJ	Ok,M

M : Manual Integration

A
B
C
D
E
F
G
H
I
J

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD102324AR

Review By	yogesh	Review On	10/23/2024 4:04:27 PM
Supervise By	Ankita	Supervise On	10/24/2024 9:29:45 AM
SubDirectory	FD102324AR	HP Acquire Method	HP Processing Method FD102324AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23429,PP23519,PP23520,PP23521,PP23522		
CCC	PP23520		
Internal Standard/PEM	PP23430,PP23523		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD048566.D	23 Oct 2024 13:59		YP/AJ	Ok
2	I.BLK	I.BLK	FD048567.D	23 Oct 2024 14:35		YP/AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FD048568.D	23 Oct 2024 15:12		YP/AJ	Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD048569.D	23 Oct 2024 15:48		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048570.D	23 Oct 2024 16:25		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD048571.D	23 Oct 2024 17:02		YP/AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD048572.D	23 Oct 2024 17:38		YP/AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048573.D	23 Oct 2024 18:14		YP/AJ	Ok
9	I.BLK	I.BLK	FD048574.D	23 Oct 2024 19:27		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048575.D	23 Oct 2024 20:03		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QC Batch ID # FD102424AR

Review By	yogesh	Review On	10/24/2024 11:08:13 AM
Supervise By	Ankita	Supervise On	10/25/2024 11:47:19 AM
SubDirectory	FD102424AR	HP Acquire Method	HP Processing Method FD102324AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23429,PP23519,PP23520,PP23521,PP23522		
CCC	PP23520		
Internal Standard/PEM	PP23430,PP23523		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD048576.D	24 Oct 2024 09:29		YP/AJ	Ok
2	I.BLK	I.BLK	FD048577.D	24 Oct 2024 10:05		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048578.D	24 Oct 2024 10:41		YP/AJ	Ok
4	PB164368BL	PB164368BL	FD048579.D	24 Oct 2024 11:36		YP/AJ	Ok
5	PB164368BS	PB164368BS	FD048580.D	24 Oct 2024 12:12		YP/AJ	Ok,M
6	PB164368BSD	PB164368BSD	FD048581.D	24 Oct 2024 12:48		YP/AJ	Ok,M
7	P4460-06	WB-303-SW	FD048582.D	24 Oct 2024 13:25		YP/AJ	Ok
8	I.BLK	I.BLK	FD048583.D	24 Oct 2024 14:01		YP/AJ	Ok
9	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD048584.D	24 Oct 2024 14:38		YP/AJ	Ok,M

M : Manual Integration

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix : Solid

Welgh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/22/2024

Extraction Start Time : 09:40

Extraction End Date : 10/22/2024

Extraction End Time : 16:55

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Surrogate	1.0ML	100 PPM	PP23706
Fractionation Surrogate	1.0ML	100 PPM	PP23704
Spike Sol 1	1.0ML	100 PPM	PP23712
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2538
Baked Na2SO4	N/A	EP2551
Sand	N/A	E2865
Hexane	N/A	E3819
EPH Cartridge	N/A	E3757
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/24	RP (Ext. Lab)	Y-P. P. P. P. P.
17:00	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 10/22/2024

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164309BL	PB164309BL	EPH	30.02	N/A	ritesh	Evelyn	2			U1-1
PB164309BS	PB164309BS	EPH	30.03	N/A	ritesh	Evelyn	2			2
PB164309BSD	PB164309BSD	EPH	30.01	N/A	ritesh	Evelyn	2			3
P4456-01	PAD-10182024	EPH	30.04	N/A	ritesh	Evelyn	2	B	Concrete	4
P4460-02	WB-303-TOP	EPH	30.02	N/A	ritesh	Evelyn	2	E		5
P4460-03	WB-303-BOT	EPH	30.05	N/A	ritesh	Evelyn	2	E		6
P4460-03DUP	WB-303-BOTDUP	EPH	30.06	N/A	ritesh	Evelyn	2	E		U5-1
P4460-03MS	WB-303-BOTMS	EPH	30.08	N/A	ritesh	Evelyn	2	E		2
P4460-03MS D	WB-303-BOTMSD	EPH	30.05	N/A	ritesh	Evelyn	2	E		3
P4471-01	B-180-SB01	EPH	30.01	N/A	ritesh	Evelyn	2	E		4
P4471-02	B-180-SB02	EPH	30.06	N/A	ritesh	Evelyn	2	E		5
P4473-01	TS-1	EPH	30.03	N/A	ritesh	Evelyn	2	C		6
P4474-01	TS-2	EPH	30.05	N/A	ritesh	Evelyn	2	V		U6-1

* Extracts relinquished on the same date as received.

8
10/22/24

WORKLIST(Hardcopy Internal Chain)

Worklist Name : P4456 Worklist ID : 184648 Department : Extraction Date : 10-22-2024 08:18:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4456-01	PAD-10182024	Solid	EPH	Cool 4 deg C	PSEG03	K51	10/18/2024	NUEPH
P4460-02	WB-303-TOP	Solid	EPH	Cool 4 deg C	PORT06	K51	10/18/2024	NUEPH
P4460-03	WB-303-BOT	Solid	EPH	Cool 4 deg C	PORT06	K51	10/18/2024	NUEPH
P4467-01	TP-1	Solid	EPH_NF	Cool 4 deg C	PSEG03	K41	10/21/2024	NUEPH
P4467-02	TP-1-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	K41	10/21/2024	NUEPH
P4468-03	ETGI-329	Solid	EPH_NF	Cool 4 deg C	PSEG03	K51	10/21/2024	NUEPH
P4468-05	ETGI-345	Solid	EPH_NF	Cool 4 deg C	PSEG03	K51	10/21/2024	NUEPH
P4470-01	CL-01-102124	Solid	EPH_NF	Cool 4 deg C	PSEG05	K51	10/21/2024	NUEPH
P4470-02	CL-01-102124-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	K51	10/21/2024	NUEPH
P4471-01	B-180-SB01	Solid	EPH	Cool 4 deg C	PORT06	J61	10/19/2024	NUEPH
P4471-02	B-180-SB02	Solid	EPH	Cool 4 deg C	PORT06	J61	10/20/2024	NUEPH
P4472-01	BP-F-28	Solid	EPH_NF	Cool 4 deg C	PSEG03	K51	10/21/2024	NUEPH
P4472-03	BP-F-28-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	K51	10/21/2024	NUEPH
P4472-05	BP-F-6	Solid	EPH_NF	Cool 4 deg C	PSEG03	K51	10/21/2024	NUEPH
P4472-07	BP-F-6-EPH	Solid	EPH_NF	Cool 4 deg C	PSEG03	K51	10/21/2024	NUEPH

Date/Time 10/22/24 9:35
 Raw Sample Received by: RJ (84-10-1)
 Raw Sample Relinquished by: CP Sam

Date/Time 10/22/24 10:00
 Raw Sample Received by: CP Sam
 Raw Sample Relinquished by: RJ (Set 104)

1618391
6:11V

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4473E

WorkList ID : 184660

Department : Extraction

Date : 10-22-2024 09:42:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4473-01	TS-1	Solid	EPH	Cool 4 deg C	YANN01	K61	10/18/2024	NJEPH
P4474-01	TS-2	Solid	EPH	Cool 4 deg C	YANN01	K61	10/18/2024	NJEPH

Date/Time 10/22/20 9:42

Raw Sample Received by: PJ (see log)

Raw Sample Relinquished by: [Signature]

Date/Time 10/22/24 9:54

Raw Sample Received by: [Signature] SM

Raw Sample Relinquished by: PJ (see log)

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RS

Balance ID: N/A **pH Meter ID:** N/A

pH Strip Lot#: E3574 **Hood ID:** 4,6,7

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Extraction Start Date : 10/23/2024

Extraction Start Time : 09:49

Extraction End Date : 10/23/2024

Extraction End Time : 16:50

Concentration By: EH

Supervisor By : rajesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP23712
Surrogate	1.0ML	100 PPM	PP23706
Fractionation Surrogate	1.0ML	100 PPM	PP23704
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3817
Baked Na2SO4	N/A	EP2546
Hexane	N/A	E3819
6N HCL	N/A	EP2517
EPH Cartridge	N/A	E3757
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NE VAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/23/24	RP (Ext. Lab)	Y. P. Perla
16:55	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 10/23/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164368BL	PB164368BL	EPH	1000	<2	RUPESH	ritesh	2			SEP-01
PB164368BS	PB164368BS	EPH	1000	<2	RUPESH	ritesh	2			2
PB164368BS D	PB164368BSD	EPH	1000	<2	RUPESH	ritesh	2			3
P4460-06	WB-303-SW	EPH	910	<2	RUPESH	ritesh	2	G		4

10/23/24

164365
9/11/24
8

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4460

WorkList ID : 184727

Department : Extraction

Date : 10-23-2024 09:44:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4460-06	WB-303-SW	Water	EPH	1:1 HCl to pH < 2	PORT06	K51	10/18/2024	NJEPH
P4460-06	WB-303-SW	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	K51	10/18/2024	8270E

Date/Time 10/23/24
Raw Sample Received by: RA (Ser Lab)
Raw Sample Relinquished by: RA Ser

Date/Time 10/23/24
Raw Sample Received by: RA Ser
Raw Sample Relinquished by: RA (Ser Lab)

LAB CHRONICLE

OrderID:	P4460	OrderDate:	10/18/2024 3:24:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	K51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4460-02	WB-303-TOP	SOIL	PCB	8082A	10/18/24	10/21/24	10/21/24	10/18/24
			EPH	NJEPH		10/22/24	10/23/24	
P4460-03	WB-303-BOT	SOIL	PCB	8082A	10/18/24	10/21/24	10/21/24	10/18/24
			EPH	NJEPH		10/22/24	10/23/24	
P4460-03DL	WB-303-BOTDL	Solid	EPH	NJEPH	10/18/24	10/22/24	10/23/24	10/18/24
P4460-06	WB-303-SW	WATER	PCB	8082A	10/18/24	10/23/24	10/23/24	10/18/24
			EPH	NJEPH		10/23/24	10/24/24	