



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/06/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SED-1	SDG No.: Q3586	
Lab Sample ID: Q3586-01	Matrix: Solid	
Analytical Method: NJEPH	% Solid: 62.9	
Sample Wt/Vol: 30.04 g	Test: EPH	
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.26	J	1	0.22	1.59	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.18	1.06	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.25	J	1	0.21	1.59	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	2.12	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.94	J	1	1.87	3.18	mg/kg	FG016929.D	11/17/25 18:02	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.20	J	1	0.19	1.06	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.49		1	0.37	1.59	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.15	J	1	0.64	2.65	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.89	U	1	1.89	4.23	mg/kg	FF016722.D	11/17/25 18:02	PB170577
Total AliphaticEPH	Total AliphaticEPH	3.79	J		3.31	9.54	mg/kg			
Total AromaticEPH	Total AromaticEPH	6.84	J		3.08	9.53	mg/kg			
Total EPH	Total EPH	10.6	J		6.39	19.1	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:	Remington & Vernick Engineers	Date Collected: 11/06/25
Project:	Edison Landfill	Date Received: 11/07/25
Client Sample ID:	SED-1	SDG No.: Q3586
Lab Sample ID:	Q3586-01	Matrix: Solid
Analytical Method:	NJEPH	% Solid: 62.9
Sample Wt/Vol:	30.04 g	Test: EPH
Prep Method :	Final Vol: 2000 uL Prep Date 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.20	J	1	0.19	1.06	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.49		1	0.37	1.59	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.15	J	1	0.64	2.65	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.89	U	1	1.89	4.23	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	45.7			40 - 140	91%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	48.5			40 - 140	97%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.1			40 - 140	78%	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:	Q3586-01	Acq On:	17 Nov 2025 18:02
Client Sample ID:	SED-1	Operator:	YP\AJ
Data file:	FF016722.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	246554	1.868	200	ug/ml
Aromatic C12-C16	6.379	9.083	5728768	42.383	300	ug/ml
Aromatic C16-C21	9.084	13.405	2711844	20.277	500	ug/ml
Aromatic C21-C36	13.406	18.870	676517	5.749	800	ug/ml
Aromatic EPH	4.502	18.870	9363683	70.277		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5739038	39.08		ug/ml
2-Bromonaphthalene (SURR)	8.009	8.009	5178641	45.7		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	3463002	48.55		ug/ml

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	62.9
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date		11/17/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.26	J	1	0.22	1.59	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.18	1.06	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.25	J	1	0.21	1.59	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	2.12	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	2.94	J	1	1.87	3.18	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	42.5			40 - 140	85%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-01	Acq On:	17 Nov 2025 18:02
Client Sample ID:	SED-1	Operator:	YP\AJ
Data file:	FG016929.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	295464	2.422	300	ug/ml
Aliphatic C12-C16	6.902	10.358	397266	3.234	200	ug/ml
Aliphatic C16-C21	10.359	13.749	315151	2.38	300	ug/ml
Aliphatic C21-C28	13.750	17.436	536859	3.861	400	ug/ml
Aliphatic C28-C40	17.437	22.460	3158969	27.76	600	ug/ml
Aliphatic EPH	3.260	22.460	4703709	39.657		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.481	13.481	5117800	42.49		ug/ml
Aliphatic C9-C28	3.260	17.436	1544740	11.897	1200	ug/ml

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/06/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SED-2	SDG No.: Q3586	
Lab Sample ID: Q3586-02	Matrix: Solid	
Analytical Method: NJEPH	% Solid: 41.4	
Sample Wt/Vol: 30.08 g	Test: EPH	
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.56	J	1	0.34	2.41	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.82	J	1	0.27	1.61	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.99	J	1	0.31	2.41	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.31	J	1	1.28	3.21	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	5.57		1	2.84	4.82	mg/kg	FG016930.D	11/17/25 18:31	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.29	1.61	mg/kg	FF016723.D	11/17/25 18:31	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.99	J	1	0.55	2.41	mg/kg	FF016723.D	11/17/25 18:31	PB170577
Aromatic C16-C21	Aromatic C16-C21	9.51		1	0.96	4.02	mg/kg	FF016723.D	11/17/25 18:31	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.87	U	1	2.87	6.42	mg/kg	FF016723.D	11/17/25 18:31	PB170577
Total AliphaticEPH	Total AliphaticEPH	9.25	J		5.04	14.5	mg/kg			
Total AromaticEPH	Total AromaticEPH	10.9	J		4.68	14.5	mg/kg			
Total EPH	Total EPH	20.2	J		9.71	28.9	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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	41.4
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/17/25
		Test:	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.29	1.61	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.99	J	1	0.55	2.41	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	9.51		1	0.96	4.02	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.87	U	1	2.87	6.42	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	46.5			40 - 140	93%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	49.5			40 - 140	99%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	29.5			40 - 140	59%	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:	Q3586-02	Acq On:	17 Nov 2025 18:31
Client Sample ID:	SED-2	Operator:	YP\AJ
Data file:	FF016723.D	Misc:	
Instrument:	FID_F	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	349642	2.65	200	ug/ml
Aromatic C12-C16	6.379	9.083	829078	6.134	300	ug/ml
Aromatic C16-C21	9.084	13.405	7920540	59.222	500	ug/ml
Aromatic C21-C36	13.406	18.870	1394935	11.855	800	ug/ml
Aromatic EPH	4.502	18.870	10494195	79.86		ug/ml
ortho-Terphenyl (SURR)	11.952	11.952	4332904	29.51		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5264631	46.46		ug/ml
2-Fluorobiphenyl (SURR)	8.885	8.885	3530106	49.5		ug/ml

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-2	SDG No.:	Q3586
Lab Sample ID:	Q3586-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	41.4
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.56	J	1	0.34	2.41	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.82	J	1	0.27	1.61	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.99	J	1	0.31	2.41	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.31	J	1	1.28	3.21	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	5.57		1	2.84	4.82	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	37.1			40 - 140	74%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-02	Acq On:	17 Nov 2025 18:31
Client Sample ID:	SED-2	Operator:	YP\AJ
Data file:	FG016930.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	426808	3.498	300	ug/ml
Aliphatic C12-C16	6.902	10.358	626107	5.096	200	ug/ml
Aliphatic C16-C21	10.359	13.749	818695	6.184	300	ug/ml
Aliphatic C21-C28	13.750	17.436	1133960	8.156	400	ug/ml
Aliphatic C28-C40	17.437	22.460	3948627	34.7	600	ug/ml
Aliphatic EPH	3.260	22.460	6954197	57.634		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.481	13.481	4466629	37.09		ug/ml
Aliphatic C9-C28	3.260	17.436	3005570	22.934	1200	ug/ml

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/06/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SED-3	SDG No.: Q3586	
Lab Sample ID: Q3586-03	Matrix: Solid	
Analytical Method: NJEPH	% Solid: 50.9	
Sample Wt/Vol: 30.07 g	Test: EPH	
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.38	J	1	0.27	1.96	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.22	1.31	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.45	J	1	0.26	1.96	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.28	J	1	1.04	2.61	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	4.64		1	2.31	3.92	mg/kg	FG016958.D	11/20/25 13:13	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.25	J	1	0.24	1.31	mg/kg	FF016724.D	11/17/25 19:01	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.66		1	0.45	1.96	mg/kg	FF016724.D	11/17/25 19:01	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.53	J	1	0.78	3.27	mg/kg	FF016724.D	11/17/25 19:01	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.33	U	1	2.33	5.23	mg/kg	FF016724.D	11/17/25 19:01	PB170577
Total AliphaticEPH	Total AliphaticEPH	7.09	J		4.09	11.8	mg/kg			
Total AromaticEPH	Total AromaticEPH	7.44	J		3.80	11.8	mg/kg			
Total EPH	Total EPH	14.5	J		7.89	23.5	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:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	50.9
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/17/25
		Test:	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.25	J	1	0.24	1.31	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	4.66		1	0.45	1.96	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	2.53	J	1	0.78	3.27	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	2.33	U	1	2.33	5.23	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.6			40 - 140	111%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	59.1			40 - 140	118%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	47.4			40 - 140	95%	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:	Q3586-03	Acq On:	17 Nov 2025 19:01
Client Sample ID:	SED-3	Operator:	YP\AJ
Data file:	FF016724.D	Misc:	
Instrument:	FID_F	ALS Vial:	78
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	251867	1.909	200	ug/ml
Aromatic C12-C16	6.379	9.083	4815581	35.627	300	ug/ml
Aromatic C16-C21	9.084	13.405	2587692	19.348	500	ug/ml
Aromatic C21-C36	13.406	18.870	890465	7.568	800	ug/ml
Aromatic EPH	4.502	18.870	8545605	64.452		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	6303217	55.62		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	4211923	59.06		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	6957013	47.37		ug/ml

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-3	SDG No.:	Q3586
Lab Sample ID:	Q3586-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	50.9
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH
	Prep Date	11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.38	J	1	0.27	1.96	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.22	1.31	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.45	J	1	0.26	1.96	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	1.28	J	1	1.04	2.61	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	4.64		1	2.31	3.92	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	69.0			40 - 140	138%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3586-03	Acq On:	20 Nov 2025 13:13
Client Sample ID:	SED-3	Operator:	YP\AJ
Data file:	FG016958.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	358158	2.936	300	ug/ml
Aliphatic C12-C16	6.900	10.356	317338	2.583	200	ug/ml
Aliphatic C16-C21	10.357	13.743	452789	3.42	300	ug/ml
Aliphatic C21-C28	13.744	17.429	1366892	9.831	400	ug/ml
Aliphatic C28-C40	17.430	22.445	4037262	35.479	600	ug/ml
Aliphatic EPH	3.258	22.445	6532439	54.249		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.483	13.483	8310854	69.01		ug/ml
Aliphatic C9-C28	3.258	17.429	2495177	18.77	1200	ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name:	Alliance	Contract:	REMI02
Lab Code:	ACE	SDG No.:	Q3586
Run Number:	FF111725AR		

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB170577BL	101	106	80	0
PB170577BS	118	119	87	0
PB170577BSD	107	109	79	0
SED-1	91	97	78	0
SED-2	93	99	59	0
SED-3	111	118	95	0
SED-3MS	94	100	69	0
SED-3MSD	96	103	71	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: Alliance Contract: REMI02
Lab Code: ACE SDG No.: Q3586
Run Number: FG111725AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB170577BS	49			0
PB170577BSD	50			0
SED-1	85			0
SED-2	74			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

A
B
C
D
E
F
G
H
I
J

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02
Lab Code: ACE SDG No.: Q3586
Run Number: FG112025AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB170577BL	50			0
SED-3	138			0
SED-3MS	112			0
SED-3MSD	110			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

A
B
C
D
E
F
G
H
I
J

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>Q3586-03MS</u>	Datafile:	<u>FF016726.D</u>
		Client ID :	<u>SED-3MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	13.1	0.25	8.12	60		(40-140)
Aromatic C12-C16	19.6	4.66	13.6	46		(40-140)
Aromatic C16-C21	32.7	2.53	27.8	77		(40-140)
Aromatic C21-C36	52.3	0	44.9	86		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
1,2,3-Trimethylbenzene (C10.1)	6.5	0.0174	3.9777	61		(40-140)
Naphthalene (C11.7)	6.5	0.0256	3.8270	58		(40-140)
2-Methylnaphthalene (C12.89)	6.5	0.0251	3.5596	54		(40-140)
Acenaphthylene (C15.06)	6.5	0.0198	4.1275	63		(40-140)
Acenaphthene (C15.5)	6.5	0.0000	4.2303	65		(40-140)
Fluorene (C16.55)	6.5	0.0116	4.6282	71		(40-140)
Phenanthrene (C19.36)	6.5	0.0074	4.6796	72		(40-140)
Anthracene (C19.43)	6.5	0.0042	4.7788	73		(40-140)
Pyrene (C20.8)	6.5	0.0000	4.5427	70		(40-140)
Fluoranthene (C21.85)	6.5	0.0612	4.6476	71		(40-140)
Benzo[a]anthracene (C26.37)	6.5	0.0292	11.1470	171	*	(40-140)
Chrysene (C27.41)	6.5	0.0397	8.9965	138		(40-140)
Bnezo[k]fluoranthene (C30.14)	6.5	0.0172	9.5714	147	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	6.5	0.0631	9.1114	139		(40-140)
benzo[b]fluoranthene (C30.41)	6.5	0.0189	10.5194	162	*	(40-140)
Benzo[a]pyrene (C31.34)	6.5	0.0050	5.1313	79		(40-140)
Benzo[g,h,i]perylene (C34.01)	6.5	0.0113	5.6971	87		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	6.5	0.0966	13.9442	213	*	(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>Q3586-03MSD</u>	Datafile:	<u>FF016727.D</u>
		Client ID :	<u>SED-3MSD</u>

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	13.1	0.25	8.32	62		2.3 (40-140)	50
Aromatic C12-C16	19.6	4.66	14.0	48		4.29 (40-140)	50
Aromatic C16-C21	32.7	2.53	33.7	95		20 (40-140)	50
Aromatic C21-C36	52.4	0	46.2	88		2.76 (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	6.5	0.0174	4.0914	63		3.23 (40-140)	50
Naphthalene (C11.7)	6.5	0.0256	3.9334	60		3.39 (40-140)	50
2-Methylnaphthalene (C12.89)	6.5	0.0251	3.6731	56		3.64 (40-140)	50
Acenaphthylene (C15.06)	6.5	0.0198	4.2409	65		3.13 (40-140)	50
Acenaphthene (C15.5)	6.5	0.0000	4.3457	67		3.03 (40-140)	50
Fluorene (C16.55)	6.5	0.0116	4.7286	73		2.78 (40-140)	50
Phenanthrene (C19.36)	6.5	0.0074	4.8057	74		2.74 (40-140)	50
Anthracene (C19.43)	6.5	0.0042	4.9010	75		2.7 (40-140)	50
Pyrene (C20.8)	6.5	0.0000	4.6533	72		2.82 (40-140)	50
Fluoranthene (C21.85)	6.5	0.0612	4.7658	72		1.4 (40-140)	50
Benzo[a]anthracene (C26.37)	6.5	0.0292	11.4626	176	*	2.88 (40-140)	50
Chrysene (C27.41)	6.5	0.0397	9.2512	142	*	2.86 (40-140)	50
Benzo[k]fluoranthene (C30.14)	6.5	0.0172	9.8341	151	*	2.68 (40-140)	50
Dibenz[a,h]anthracene (C30.36)	6.5	0.0631	9.3972	144	*	3.53 (40-140)	50
benzo[b]fluoranthene (C30.41)	6.5	0.0189	10.8082	166	*	2.44 (40-140)	50
Benzo[a]pyrene (C31.34)	6.5	0.0050	5.2704	81		2.5 (40-140)	50
Benzo[g,h,i]perylene (C34.01)	6.5	0.0113	5.8548	90		3.39 (40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	6.5	0.0966	14.3815	220	*	3.23 (40-140)	50

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>Q3586-03MS</u>	Datafile:	<u>FG016960.D</u>
		Client ID :	<u>SED-3MS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	19.6	0.38	9.59	47		(40-140)
Aliphatic C12-C16	13.1	0.34	8.55	63		(40-140)
Aliphatic C16-C21	19.6	0.45	13.9	68		(40-140)
Aliphatic C21-C28	26.2	1.28	17.2	61		(40-140)
Aliphatic C28-C40	39.3	4.64	26.9	57		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	6.5	0.0085	2.6093	40		(40-140)
n-Decane (C10)	6.5	0.0231	3.1071	47		(40-140)
Naphthalene (C11.7)	6.5	0.0100	0.0127	0	*	(40-140)
n-Dodecane (C12)	6.5	0.0412	3.4882	53		(40-140)
2-methylnaphthalene (C12.89)	6.5	0.0167	0.0214	0	*	(40-140)
n-Tetradecane (C14)	6.5	0.0387	3.8635	59		(40-140)
n-Hexadecane (C16)	6.5	0.0242	4.2604	65		(40-140)
n-Octadecane (C18)	6.5	0.0460	4.4257	67		(40-140)
n-Eicosane (C20)	6.5	0.0478	4.5381	69		(40-140)
n-Heneicosane (C21)	6.5	0.0828	4.6036	70		(40-140)
n-Docosane (C22)	6.5	0.1224	4.4766	67		(40-140)
n-Tetracosane (C24)	6.6	0.0998	4.2681	63		(40-140)
n-Hexacosane (C26)	6.5	0.1113	4.1255	62		(40-140)
n-Octacosane (C28)	6.5	0.1280	3.9400	59		(40-140)
n-Tricontane (C30)	6.5	0.1491	3.6114	53		(40-140)
n-Dotriacontane (C32)	6.5	0.1422	3.5159	52		(40-140)
n-Tetratriacontane (C34)	6.5	0.1643	3.8081	56		(40-140)
n-Hexatriacontane (C36)	6.5	0.2172	4.5077	66		(40-140)
n-Octatriacontane (C38)	6.5	0.2855	5.2253	76		(40-140)
n-Tetracontane (C40)	6.5	0.0888	5.0576	76		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>Q3586-03MSD</u>	Datafile:	<u>FG016961.D</u>
		Client ID :	<u>SED-3MSD</u>

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	19.6	0.38	9.47	46		1.29 (40-140)	50
Aliphatic C12-C16	13.1	0.34	8.48	62		0.96 (40-140)	50
Aliphatic C16-C21	19.6	0.45	13.7	68		1.47 (40-140)	50
Aliphatic C21-C28	26.2	1.28	16.9	60		1.99 (40-140)	50
Aliphatic C28-C40	39.3	4.64	26.7	56		0.89 (40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	6.5	0.0085	2.5740	39	*	2.53 (40-140)	50
n-Decane (C10)	6.5	0.0231	3.0639	47		0 (40-140)	50
Naphthalene (C11.7)	6.5	0.0100	0.0104	0	*	0 (40-140)	50
n-Dodecane (C12)	6.5	0.0412	3.4272	52		1.9 (40-140)	50
2-methylnaphthalene (C12.89)	6.5	0.0167	0.0160	0	*	0 (40-140)	50
n-Tetradecane (C14)	6.5	0.0387	3.8167	58		1.71 (40-140)	50
n-Hexadecane (C16)	6.5	0.0242	4.2067	64		1.55 (40-140)	50
n-Octadecane (C18)	6.5	0.0460	4.3541	66		1.5 (40-140)	50
n-Eicosane (C20)	6.5	0.0478	4.4893	68		1.46 (40-140)	50
n-Heneicosane (C21)	6.5	0.0828	4.5310	68		2.9 (40-140)	50
n-Docosane (C22)	6.5	0.1224	4.4342	66		1.5 (40-140)	50
n-Tetracosane (C24)	6.6	0.0998	4.1979	62		1.6 (40-140)	50
n-Hexacosane (C26)	6.5	0.1113	4.0650	61		1.63 (40-140)	50
n-Octacosane (C28)	6.5	0.1280	3.8824	58		1.71 (40-140)	50
n-Tricontane (C30)	6.5	0.1491	3.5522	52		1.9 (40-140)	50
n-Dotriacontane (C32)	6.5	0.1422	3.4580	51		1.94 (40-140)	50
n-Tetratriacontane (C34)	6.5	0.1643	3.7474	55		1.8 (40-140)	50
n-Hexatriacontane (C36)	6.5	0.2172	4.4555	65		1.53 (40-140)	50
n-Octatriacontane (C38)	6.5	0.2855	4.9740	72		5.41 (40-140)	50
n-Tetracontane (C40)	6.5	0.0888	4.9568	75		1.32 (40-140)	50

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>PB170577BS</u>	Datafile:	<u>FF016717.D</u>
		Client ID :	<u>PB170577BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	5.25	79		(40-140)
Aromatic C12-C16	10	8.68	87		(40-140)
Aromatic C16-C21	16.7	15.1	91		(40-140)
Aromatic C21-C36	26.6	26.4	99		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
1,2,3-Trimethylbenzene (C10.1)	3.3	2.44449	74		(40-140)
Naphthalene (C11.7)	3.3	2.80427	85		(40-140)
2-Methylnaphthalene (C12.89)	3.3	2.69687	82		(40-140)
Acenaphthylene (C15.06)	3.3	2.98726	91		(40-140)
Acenaphthene (C15.5)	3.3	2.99460	91		(40-140)
Fluorene (C16.55)	3.3	3.17257	96		(40-140)
Phenanthrene (C19.36)	3.3	3.08636	94		(40-140)
Anthracene (C19.43)	3.3	2.84811	86		(40-140)
Fluoranthene (C21.85)	3.3	2.96688	90		(40-140)
Pyrene (C20.8)	3.3	2.95327	89		(40-140)
Benzo[a]anthracene (C26.37)	3.3	3.27523	99		(40-140)
Chrysene (C27.41)	3.3	3.18420	96		(40-140)
benzo[b]fluoranthene (C30.41)	3.3	3.35681	102		(40-140)
Bnezo[k]fluoranthene (C30.14)	3.3	3.13261	95		(40-140)
Benzo[a]pyrene (C31.34)	3.3	3.36007	102		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	4.65676	140		(40-140)
Dibenz[a,h]anthracene (C30.36)	3.3	2.85656	87		(40-140)
Benzo[g,h,i]perylene (C34.01)	3.3	3.65312	111		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers
Lab Code: ACE **SDG No:** Q3586
Sample No : PB170577BSD **Datafile:** FF016718.D **Client ID :** PB170577BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%) QC Limit Of RPD
Aromatic C10-C12	6.7	4.78	72		9.4 (40-140) 25
Aromatic C12-C16	10	7.91	79		9.3 (40-140) 25
Aromatic C16-C21	16.7	13.7	82		9.8 (40-140) 25
Aromatic C21-C36	26.6	24.2	91		9.6 (40-140) 25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%) QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	3.3	2.22843	68		8.45 (40-140) 25
Naphthalene (C11.7)	3.3	2.54983	77		9.88 (40-140) 25
2-Methylnaphthalene (C12.89)	3.3	2.45250	74		10.26 (40-140) 25
Acenaphthylene (C15.06)	3.3	2.72131	82		10.4 (40-140) 25
Acenaphthene (C15.5)	3.3	2.73237	83		9.2 (40-140) 25
Flouorene (C16.55)	3.3	2.91102	88		8.7 (40-140) 25
Phenanthrene (C19.36)	3.3	2.80421	85		10.06 (40-140) 25
Anthracene (C19.43)	3.3	2.60062	79		8.48 (40-140) 25
Fluoranthene (C21.85)	3.3	2.68790	81		10.53 (40-140) 25
Pyrene (C20.8)	3.3	2.67651	81		9.41 (40-140) 25
Benzo[a]anthracene (C26.37)	3.3	2.95968	90		9.52 (40-140) 25
Chrysene (C27.41)	3.3	2.88280	87		9.84 (40-140) 25
benzo[b]fluoranthene (C30.41)	3.3	3.03739	92		10.31 (40-140) 25
Bnezo[k]fluoranthene (C30.14)	3.3	2.86089	87		8.79 (40-140) 25
Benzo[a]pyrene (C31.34)	3.3	3.04916	92		10.31 (40-140) 25
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	4.28072	130		8.12 (40-140) 25
Dibenz[a,h]anthracene (C30.36)	3.3	2.76091	84		3.51 (40-140) 25
Benzo[g,h,i]perylene (C34.01)	3.3	3.28095	99		11.43 (40-140) 25

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>PB170577BS</u>	Datafile:	<u>FG016927.D</u>
		Client ID :	<u>PB170577BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10	5.57	56		(40-140)
Aliphatic C12-C16	6.7	5.04	76		(40-140)
Aliphatic C16-C21	10	8.70	87		(40-140)
Aliphatic C21-C28	13.3	11.0	83		(40-140)
Aliphatic C28-C40	20.0	16.5	83		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.55454	47		(40-140)
n-Decane (C10)	3.3	1.87240	57		(40-140)
Naphthalene (C11.7)	3.3	0.00000	0	*	(40-140)
n-Dodecane (C12)	3.3	2.13160	65		(40-140)
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	(40-140)
n-Tetradecane (C14)	3.3	2.40658	73		(40-140)
n-Hexadecane (C16)	3.3	2.62515	80		(40-140)
n-Octadecane (C18)	3.3	2.76795	84		(40-140)
n-Eicosane (C20)	3.3	2.94637	89		(40-140)
n-Heneicosane (C21)	3.3	2.98377	90		(40-140)
n-Docosane (C22)	3.3	2.93712	89		(40-140)
n-Tetracosane (C24)	3.4	2.79723	82		(40-140)
n-Hexacosane (C26)	3.3	2.71760	82		(40-140)
n-Octacosane (C28)	3.3	2.60291	79		(40-140)
n-Tricontane (C30)	3.3	2.37443	72		(40-140)
n-Dotriacontane (C32)	3.3	2.31710	70		(40-140)
n-Tetratriacontane (C34)	3.3	2.52969	77		(40-140)
n-Hexatriacontane (C36)	3.3	2.93256	89		(40-140)
n-Octatriacontane (C38)	3.3	3.32705	101		(40-140)
n-Tetracontane (C40)	3.3	3.62189	110		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>Remington & Vernick Engineers</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3586</u>
Sample No :	<u>PB170577BSD</u>	Datafile:	<u>FG016928.D</u>
		Client ID :	<u>PB170577BSD</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	5.61	56		0.6 (40-140)	25
Aliphatic C12-C16	6.7	5.07	76		0.52 (40-140)	25
Aliphatic C16-C21	10	8.78	88		0.86 (40-140)	25
Aliphatic C21-C28	13.3	11.1	83		0.85 (40-140)	25
Aliphatic C28-C40	20.0	16.5	83		0.0544 (40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.56744	47		0 (40-140)	25
n-Decane (C10)	3.3	1.88798	57		0 (40-140)	25
Naphthalene (C11.7)	3.3	0.00000	0	*	0 (40-140)	25
n-Dodecane (C12)	3.3	2.14813	65		0 (40-140)	25
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	0 (40-140)	25
n-Tetradecane (C14)	3.3	2.42590	74		1.36 (40-140)	25
n-Hexadecane (C16)	3.3	2.64323	80		0 (40-140)	25
n-Octadecane (C18)	3.3	2.79630	85		1.18 (40-140)	25
n-Eicosane (C20)	3.3	2.97445	90		1.12 (40-140)	25
n-Heneicosane (C21)	3.3	3.01273	91		1.1 (40-140)	25
n-Docosane (C22)	3.3	2.96219	90		1.12 (40-140)	25
n-Tetracosane (C24)	3.4	2.82008	83		1.21 (40-140)	25
n-Hexacosane (C26)	3.3	2.73810	83		1.21 (40-140)	25
n-Octacosane (C28)	3.3	2.62078	79		0 (40-140)	25
n-Tricontane (C30)	3.3	2.38649	72		0 (40-140)	25
n-Dotriacontane (C32)	3.3	2.32907	71		1.42 (40-140)	25
n-Tetratriacontane (C34)	3.3	2.53547	77		0 (40-140)	25
n-Hexatriacontane (C36)	3.3	2.93949	89		0 (40-140)	25
n-Octatriacontane (C38)	3.3	3.33514	101		0 (40-140)	25
n-Tetracontane (C40)	3.3	3.63188	110		0 (40-140)	25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170577BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3586

Instrument ID: FID_F

Lab Sample ID: PB170577BL

Matrix: (soil/water) Solid

Date Extracted: 11/17/2025 9:50:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170577BS	PB170577BS
PB170577BSD	PB170577BSD
SED-1	Q3586-01
SED-2	Q3586-02
SED-3	Q3586-03
SED-3MS	Q3586-03MS
SED-3MSD	Q3586-03MSD

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170577BL	SDG No.:	Q3586
Lab Sample ID: PB170577BL	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FG016957.D	11/20/25 11:09	PB170577
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	FF016719.D	11/17/25 16:34	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	FF016719.D	11/17/25 16:34	PB170577
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	FF016719.D	11/17/25 16:34	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.67	mg/kg	FF016719.D	11/17/25 16:34	PB170577
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg			
Total AromaticEPH	Total AromaticEPH	1.94	U		1.94	6.01	mg/kg			
Total EPH	Total EPH	4.03	U		4.03	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:	Remington & Vernick Engineers	Date Collected:
Project:	Edison Landfill	Date Received:
Client Sample ID:	PB170577BL	SDG No.: Q3586
Lab Sample ID:	PB170577BL	Matrix: Solid
Analytical Method:	NJEPH	% Solid: 100
Sample Wt/Vol:	30.01 g	Test: EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.67	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	50.6			40 - 140	101%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	53.3			40 - 140	106%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	40.2			40 - 140	80%	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:	PB170577BL	Acq On:	17 Nov 2025 16:34
Client Sample ID:	PB170577BL	Operator:	YP\AJ
Data file:	FF016719.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	0	0	200	ug/ml
Aromatic C12-C16	6.379	9.083	0	0	300	ug/ml
Aromatic C16-C21	9.084	13.405	0	0	500	ug/ml
Aromatic C21-C36	13.406	18.870	0	0	800	ug/ml
Aromatic EPH	4.502	18.870	0	0		ug/ml
2-Bromonaphthalene (SURR)	8.002	8.002	5732178	50.58		ug/ml
2-Fluorobiphenyl (SURR)	8.879	8.879	3797616	53.25		ug/ml
ortho-Terphenyl (SURR)	11.949	11.949	5908012	40.23		ug/ml

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:
Project:	Edison Landfill	Date Received:
Client Sample ID:	PB170577BL	SDG No.: Q3586
Lab Sample ID:	PB170577BL	Matrix: Solid
Analytical Method:	NJEPH	% Solid: 100
Sample Wt/Vol:	30.01 g	Test: EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.8			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:	PB170577BL	Acq On:	20 Nov 2025 11:09
Client Sample ID:	PB170577BL	Operator:	YP\AJ
Data file:	FG016957.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	0	0	300	ug/ml
Aliphatic C12-C16	6.900	10.356	0	0	200	ug/ml
Aliphatic C16-C21	10.357	13.743	0	0	300	ug/ml
Aliphatic C21-C28	13.744	17.429	0	0	400	ug/ml
Aliphatic C28-C40	17.430	22.445	0	0	600	ug/ml
Aliphatic EPH	3.258	22.445	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.478	13.478	2987792	24.81		ug/ml
Aliphatic C9-C28	3.258	17.429	0	0	1200	ug/ml

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170577BS	SDG No.:	Q3586
Lab Sample ID: PB170577BS	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	100
Sample Wt/Vol: 30.03 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	5.57		1	0.14	1.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.04		1	0.11	0.67	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.70		1	0.13	1.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.0		1	0.53	1.33	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5		1	1.18	2.00	mg/kg	FG016927.D	11/17/25 17:03	PB170577
Aromatic C10-C12	Aromatic C10-C12	5.25		1	0.12	0.67	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C12-C16	Aromatic C12-C16	8.68		1	0.23	1.00	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C16-C21	Aromatic C16-C21	15.1		1	0.40	1.67	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Aromatic C21-C36	Aromatic C21-C36	26.4		1	1.19	2.66	mg/kg	FF016717.D	11/17/25 15:00	PB170577
Total AliphaticEPH	Total AliphaticEPH	46.8			2.09	5.99	mg/kg			
Total AromaticEPH	Total AromaticEPH	55.4			1.94	6.00	mg/kg			
Total EPH	Total EPH	102			4.03	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:	Remington & Vernick Engineers	Date Collected:
Project:	Edison Landfill	Date Received:
Client Sample ID:	PB170577BS	SDG No.: Q3586
Lab Sample ID:	PB170577BS	Matrix: Solid
Analytical Method:	NJEPH	% Solid: 100
Sample Wt/Vol:	30.03 g	Test: EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	5.25	1		0.12	0.67	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	8.68	1		0.23	1.00	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	15.1	1		0.40	1.67	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	26.4	1		1.19	2.66	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	58.8			40 - 140	118%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	59.7			40 - 140	119%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	43.4			40 - 140	87%	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:	PB170577BS	Acq On:	17 Nov 2025 15:00
Client Sample ID:	PB170577BS	Operator:	YP\AJ
Data file:	FF016717.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	10401850	78.824	200	ug/ml
Aromatic C12-C16	6.379	9.083	17623690	130.385	300	ug/ml
Aromatic C16-C21	9.084	13.405	30315057	226.666	500	ug/ml
Aromatic C21-C36	13.406	18.870	46709752	396.968	800	ug/ml
Aromatic EPH	4.502	18.870	105050349	832.843		ug/ml
2-Bromonaphthalene (SURR)	8.005	8.005	6657703	58.75		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	4257234	59.69		ug/ml
ortho-Terphenyl (SURR)	11.951	11.951	6379745	43.44		ug/ml

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170577BS		SDG No.:	Q3586
Lab Sample ID:	PB170577BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 2000 uL	Test:	EPH
Prep Method :		Prep Date 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	5.57	1		0.14	1.00	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.04	1		0.11	0.67	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.70	1		0.13	1.00	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.0	1		0.53	1.33	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5	1		1.18	2.00	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.6			40 - 140	49%	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:	PB170577BS	Acq On:	17 Nov 2025 17:03
Client Sample ID:	PB170577BS	Operator:	YP\AJ
Data file:	FG016927.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	10197699	83.585	300	ug/ml
Aliphatic C12-C16	6.902	10.358	9288354	75.607	200	ug/ml
Aliphatic C16-C21	10.359	13.749	17291968	130.608	300	ug/ml
Aliphatic C21-C28	13.750	17.436	23062370	165.875	400	ug/ml
Aliphatic C28-C40	17.437	22.460	28152650	247.399	600	ug/ml
Aliphatic EPH	3.260	22.460	87993041	703.074		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.480	13.480	2963779	24.61		ug/ml
Aliphatic C9-C28	3.260	17.436	59840391	455.675	1200	ug/ml

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170577BSD	SDG No.:	Q3586
Lab Sample ID: PB170577BSD	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	100
Sample Wt/Vol: 30.02 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	5.61		1	0.14	1.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.07		1	0.11	0.67	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.78		1	0.13	1.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.1		1	0.53	1.33	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5		1	1.18	2.00	mg/kg	FG016928.D	11/17/25 17:32	PB170577
Aromatic C10-C12	Aromatic C10-C12	4.78		1	0.12	0.67	mg/kg	FF016718.D	11/17/25 15:30	PB170577
Aromatic C12-C16	Aromatic C12-C16	7.91		1	0.23	1.00	mg/kg	FF016718.D	11/17/25 15:30	PB170577
Aromatic C16-C21	Aromatic C16-C21	13.7		1	0.40	1.67	mg/kg	FF016718.D	11/17/25 15:30	PB170577
Aromatic C21-C36	Aromatic C21-C36	24.2		1	1.19	2.66	mg/kg	FF016718.D	11/17/25 15:30	PB170577
Total AliphaticEPH	Total AliphaticEPH	47.1			2.09	5.99	mg/kg			
Total AromaticEPH	Total AromaticEPH	50.6			1.94	6.00	mg/kg			
Total EPH	Total EPH	97.7			4.03	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:	Remington & Vernick Engineers	Date Collected:
Project:	Edison Landfill	Date Received:
Client Sample ID:	PB170577BSD	SDG No.: Q3586
Lab Sample ID:	PB170577BSD	Matrix: Solid
Analytical Method:	NJEPH	% Solid: 100
Sample Wt/Vol:	30.02 g	Test: EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	4.78	1		0.12	0.67	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	7.91	1		0.23	1.00	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	13.7	1		0.40	1.67	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	24.2	1		1.19	2.66	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	53.6			40 - 140	107%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	54.5			40 - 140	109%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	39.6			40 - 140	79%	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:	PB170577BSD	Acq On:	17 Nov 2025 15:30
Client Sample ID:	PB170577BSD	Operator:	YP\AJ
Data file:	FF016718.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	9466234	71.734	200	ug/ml
Aromatic C12-C16	6.379	9.083	16049820	118.741	300	ug/ml
Aromatic C16-C21	9.084	13.405	27586485	206.265	500	ug/ml
Aromatic C21-C36	13.406	18.870	42706384	362.945	800	ug/ml
Aromatic EPH	4.502	18.870	95808923	759.685		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5813344	39.59		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	6072329	53.58		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	3887536	54.51		ug/ml

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:
Project:	Edison Landfill	Date Received:
Client Sample ID:	PB170577BSD	SDG No.: Q3586
Lab Sample ID:	PB170577BSD	Matrix: Solid
Analytical Method:	NJEPH	% Solid: 100
Sample Wt/Vol:	30.02 g	Test: EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	5.61	1		0.14	1.00	mg/kg	11/17/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	5.07	1		0.11	0.67	mg/kg	11/17/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	8.78	1		0.13	1.00	mg/kg	11/17/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	11.1	1		0.53	1.33	mg/kg	11/17/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	16.5	1		1.18	2.00	mg/kg	11/17/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.8			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:	PB170577BSD	Acq On:	17 Nov 2025 17:32
Client Sample ID:	PB170577BSD	Operator:	YP\AJ
Data file:	FG016928.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.260	6.901	10276857	84.234	300	ug/ml
Aliphatic C12-C16	6.902	10.358	9354182	76.142	200	ug/ml
Aliphatic C16-C21	10.359	13.749	17455890	131.846	300	ug/ml
Aliphatic C21-C28	13.750	17.436	23234451	167.113	400	ug/ml
Aliphatic C28-C40	17.437	22.460	28239240	248.16	600	ug/ml
Aliphatic EPH	3.260	22.460	88560620	707.495		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.480	13.480	2989856	24.83		ug/ml
Aliphatic C9-C28	3.260	17.436	60321380	459.335	1200	ug/ml

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: SED-3MS	SDG No.:	Q3586
Lab Sample ID: Q3586-03MS	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	50.9
Sample Wt/Vol: 30.03 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	9.59		1	0.28	1.96	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.55		1	0.22	1.31	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.9		1	0.26	1.96	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	17.2		1	1.04	2.62	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.9		1	2.32	3.93	mg/kg	FG016960.D	11/20/25 14:56	PB170577
Aromatic C10-C12	Aromatic C10-C12	8.12		1	0.24	1.31	mg/kg	FF016726.D	11/17/25 19:59	PB170577
Aromatic C12-C16	Aromatic C12-C16	13.6		1	0.45	1.96	mg/kg	FF016726.D	11/17/25 19:59	PB170577
Aromatic C16-C21	Aromatic C16-C21	27.8		1	0.79	3.27	mg/kg	FF016726.D	11/17/25 19:59	PB170577
Aromatic C21-C36	Aromatic C21-C36	44.9		1	2.34	5.23	mg/kg	FF016726.D	11/17/25 19:59	PB170577
Total AliphaticEPH	Total AliphaticEPH	76.1			4.11	11.8	mg/kg			
Total AromaticEPH	Total AromaticEPH	94.4			3.81	11.8	mg/kg			
Total EPH	Total EPH	171			7.92	23.6	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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	SED-3MS	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/17/25
		Test:	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	8.12	1		0.24	1.31	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	13.6	1		0.45	1.96	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	27.8	1		0.79	3.27	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	44.9	1		2.34	5.23	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	46.9			40 - 140	94%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	50.2			40 - 140	100%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	34.5			40 - 140	69%	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:	Q3586-03MS	Acq On:	17 Nov 2025 19:59
Client Sample ID:	SED-3MS	Operator:	YP\AJ
Data file:	FF016726.D	Misc:	
Instrument:	FID_F	ALS Vial:	80
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	8187001	62.04	200	ug/ml
Aromatic C12-C16	6.379	9.083	14077774	104.151	300	ug/ml
Aromatic C16-C21	9.084	13.405	28459302	212.791	500	ug/ml
Aromatic C21-C36	13.406	18.870	40420856	343.521	800	ug/ml
Aromatic EPH	4.502	18.870	91144933	722.503		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5071986	34.54		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5315856	46.91		ug/ml
2-Flurobiphenyl (SURR)	8.886	8.886	3581574	50.22		ug/ml

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:
Project:	Edison Landfill	Date Received:
Client Sample ID:	SED-3MS	SDG No.: Q3586
Lab Sample ID:	Q3586-03MS	Matrix: Solid
Analytical Method:	NJEPH	% Solid: 50.9
Sample Wt/Vol:	30.03 g	Test: EPH
Prep Method :	Final Vol: 2000 uL Prep Date 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	9.59	1		0.28	1.96	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.55	1		0.22	1.31	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.9	1		0.26	1.96	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	17.2	1		1.04	2.62	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.9	1		2.32	3.93	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	56.1			40 - 140	112%	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:	Q3586-03MS	Acq On:	20 Nov 2025 14:56
Client Sample ID:	SED-3MS	Operator:	YP\AJ
Data file:	FG016960.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	8943130	73.302	300	ug/ml
Aliphatic C12-C16	6.900	10.356	8027210	65.341	200	ug/ml
Aliphatic C16-C21	10.357	13.743	14073690	106.3	300	ug/ml
Aliphatic C21-C28	13.744	17.429	18245505	131.23	400	ug/ml
Aliphatic C28-C40	17.430	22.445	23400015	205.634	600	ug/ml
Aliphatic EPH	3.258	22.445	72689550	581.807		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.480	13.480	6757299	56.11		ug/ml
Aliphatic C9-C28	3.258	17.429	49289535	376.173	1200	ug/ml

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: SED-3MSD	SDG No.:	Q3586
Lab Sample ID: Q3586-03MSD	Matrix:	Solid
Analytical Method: NJEPH	% Solid:	50.9
Sample Wt/Vol: 30.01 g	Test:	EPH
Prep Method :	Final Vol: 2000 uL	
	Prep Date : 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	9.47		1	0.28	1.96	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.48		1	0.22	1.31	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.7		1	0.26	1.96	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	16.9		1	1.04	2.62	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.7		1	2.32	3.93	mg/kg	FG016961.D	11/20/25 15:41	PB170577
Aromatic C10-C12	Aromatic C10-C12	8.32		1	0.24	1.31	mg/kg	FF016727.D	11/17/25 20:29	PB170577
Aromatic C12-C16	Aromatic C12-C16	14.0		1	0.45	1.96	mg/kg	FF016727.D	11/17/25 20:29	PB170577
Aromatic C16-C21	Aromatic C16-C21	33.7		1	0.79	3.27	mg/kg	FF016727.D	11/17/25 20:29	PB170577
Aromatic C21-C36	Aromatic C21-C36	46.2		1	2.34	5.24	mg/kg	FF016727.D	11/17/25 20:29	PB170577
Total AliphaticEPH	Total AliphaticEPH	75.3			4.11	11.8	mg/kg			
Total AromaticEPH	Total AromaticEPH	102			3.81	11.8	mg/kg			
Total EPH	Total EPH	177			7.92	23.6	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:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	SED-3MSD	SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/17/25
		Test:	EPH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	8.32	1		0.24	1.31	mg/kg	11/17/25	PB170577
Aromatic C12-C16	Aromatic C12-C16	14.0	1		0.45	1.96	mg/kg	11/17/25	PB170577
Aromatic C16-C21	Aromatic C16-C21	33.7	1		0.79	3.27	mg/kg	11/17/25	PB170577
Aromatic C21-C36	Aromatic C21-C36	46.2	1		2.34	5.24	mg/kg	11/17/25	PB170577
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	48.1			40 - 140	96%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	51.5			40 - 140	103%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	35.5			40 - 140	71%	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:	Q3586-03MSD	Acq On:	17 Nov 2025 20:29
Client Sample ID:	SED-3MSD	Operator:	YP\AJ
Data file:	FF016727.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.502	6.378	8388158	63.564	200	ug/ml
Aromatic C12-C16	6.379	9.083	14422567	106.702	300	ug/ml
Aromatic C16-C21	9.084	13.405	34414242	257.316	500	ug/ml
Aromatic C21-C36	13.406	18.870	41516220	352.83	800	ug/ml
Aromatic EPH	4.502	18.870	98741187	780.413		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	5206037	35.45		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	5451012	48.1		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	3671951	51.48		ug/ml

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	SED-3MSD		SDG No.:	Q3586
Lab Sample ID:	Q3586-03MSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	50.9
Sample Wt/Vol:	30.01 g	Final Vol: 2000 uL	Test:	EPH
Prep Method :		Prep Date 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C12	Aliphatic C9-C12	9.47	1		0.28	1.96	mg/kg	11/20/25	PB170577
Aliphatic C12-C16	Aliphatic C12-C16	8.48	1		0.22	1.31	mg/kg	11/20/25	PB170577
Aliphatic C16-C21	Aliphatic C16-C21	13.7	1		0.26	1.96	mg/kg	11/20/25	PB170577
Aliphatic C21-C28	Aliphatic C21-C28	16.9	1		1.04	2.62	mg/kg	11/20/25	PB170577
Aliphatic C28-C40	Aliphatic C28-C40	26.7	1		2.32	3.93	mg/kg	11/20/25	PB170577
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	55.1			40 - 140	110%	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:	Q3586-03MSD	Acq On:	20 Nov 2025 15:41
Client Sample ID:	SED-3MSD	Operator:	YP\AJ
Data file:	FG016961.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.258	6.899	8824862	72.333	300	ug/ml
Aliphatic C12-C16	6.900	10.356	7960461	64.798	200	ug/ml
Aliphatic C16-C21	10.357	13.743	13856071	104.656	300	ug/ml
Aliphatic C21-C28	13.744	17.429	17985721	129.361	400	ug/ml
Aliphatic C28-C40	17.430	22.445	23171272	203.624	600	ug/ml
Aliphatic EPH	3.258	22.445	71798387	574.772		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.494	13.494	6637711	55.12		ug/ml
Aliphatic C9-C28	3.258	17.429	48627115	371.148	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FF102925AR

AreaCount

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	24131913.000	13386713.000	5040685.000	2667636.000	1458921.000	
Aromatic C12-C16	37802464.000	20995951.000	7841716.000	4071240.000	2151729.000	
Aromatic C16-C21	49515248.000	27355440.000	10200929.000	5383694.000	2920927.000	
Aromatic C21-C36	93883793.000	53603904.000	20060725.000	10856127.000	5977071.000	
Aromatic EPH	205333418.000	115342008.000	43144055.000	22978697.000	12508648.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	131963.544	7.217				
Aromatic C12-C16	135166.617333	5.177				
Aromatic C16-C21	133743.1265	6.467				
Aromatic C21-C36	117666.2035552	9.089				
Aromatic EPH	125744.1821106	7.5				

Concentration

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.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	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	120659.565000	133867.130000	126017.125000	133381.800000	145892.100000	
Aromatic C12-C16	126008.213333	139973.006666	130695.266666	135708.000000	143448.600000	
Aromatic C16-C21	123788.120000	136777.200000	127511.612500	134592.350000	146046.350000	
Aromatic C21-C36	104315.325555	119119.786666	111448.472222	120623.633333	132823.800000	
Aromatic EPH	114074.121111	128157.786666	119844.597222	127659.427777	138984.977777	

Initial Calibration Report for SequenceID : FG102925AL

AreaCount

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	34262467.000	18492584.000	7254295.000	3738287.000	1905143.000	
Aliphatic C12-C16	23563142.000	12790679.000	4920528.000	2484208.000	1213101.000	
Aliphatic C16-C21	36760469.000	20195600.000	7804680.000	4060755.000	2090588.000	
Aliphatic C21-C28	48743388.000	27416427.000	10278435.000	5677486.000	3316302.000	
Aliphatic C28-C40	57463919.000	32655580.000	12432103.000	7187522.000	4228641.000	
Aliphatic EPH	200793385.000	111550870.000	42690041.000	23148258.000	12753775.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	122003.2266662	4.004				
Aliphatic C12-C16	122851.24	3.023				
Aliphatic C16-C21	132396.2526664	4.852				
Aliphatic C21-C28	139034.6585	12.12				
Aliphatic C28-C40	113794.5446664	15.39				
Aliphatic EPH	124878.1566664	9.088				

Concentration

Parameter Range	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.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	FG016852.D	FG016848.D	FG016849.D	FG016850.D	FG016851.D	
Aliphatic C9-C12	114208.223333	123283.893333	120904.916666	124609.566666	127009.533333	
Aliphatic C12-C16	117815.710000	127906.790000	123013.200000	124210.400000	121310.100000	
Aliphatic C16-C21	122534.896666	134637.333333	130078.000000	135358.500000	139372.533333	

Initial Calibration Report for SequenceID : FG102925AL

Aliphatic C21-C28	121858.470000	137082.135000	128480.437500	141937.150000	165815.100000	
Aliphatic C28-C40	95773.198333	108851.933333	103600.858333	119792.033333	140954.700000	
Aliphatic EPH	111551.880555	123945.411111	118583.447222	128601.433333	141708.611111	

Continuing Calibration Report for SequenceID : FF111725AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FF016716.D

Aromatic C10-C12	5495483.000	40.000	4.502	6.378	137387.075	131963.544	-4.110
Aromatic C12-C16	8357375.000	60.000	6.379	9.083	139289.583	135166.617	-3.050
Aromatic C16-C21	10464575.000	80.000	9.084	13.405	130807.188	133743.127	2.195
Aromatic C21-C36	22365155.000	180.000	13.406	18.870	124250.861	117666.204	-5.596
Aromatic EPH	46682588.000	360.000	4.502	18.870	129673.856	125744.182	-3.125

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	17 Nov 2025 14:20
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016716.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.502	6.378	5495483.000	40.000	ug/ml
Aromatic C12-C16	6.379	9.083	8357375.000	60.000	ug/ml
Aromatic C16-C21	9.084	13.405	10464575.000	80.000	ug/ml
Aromatic C21-C36	13.406	18.870	22365155.000	180.000	ug/ml
Aromatic EPH	4.502	18.870	46682588.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FF111725AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FF016731.D

Aromatic C10-C12	5413826.000	40.000	4.502	6.378	135345.650	131963.544	-2.563
Aromatic C12-C16	8196999.000	60.000	6.379	9.083	136616.650	135166.617	-1.073
Aromatic C16-C21	10258552.000	80.000	9.084	13.405	128231.900	133743.127	4.121
Aromatic C21-C36	22208488.000	180.000	13.406	18.870	123380.489	117666.204	-4.856
Aromatic EPH	46077865.000	360.000	4.502	18.870	127994.069	125744.182	-1.789

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	17 Nov 2025 22:56
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016731.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.502	6.378	5413826.000	40.000	ug/ml
Aromatic C12-C16	6.379	9.083	8196999.000	60.000	ug/ml
Aromatic C16-C21	9.084	13.405	10258552.000	80.000	ug/ml
Aromatic C21-C36	13.406	18.870	22208488.000	180.000	ug/ml
Aromatic EPH	4.502	18.870	46077865.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FG111725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FG016925.D

Aliphatic C9-C12	8312412.000	60.000	3.260	6.901	138540.200	122003.227	-13.555
Aliphatic C12-C16	5689870.000	40.000	6.902	10.358	142246.750	122851.240	-15.788
Aliphatic C16-C21	8956347.000	60.000	10.359	13.749	149272.450	132396.253	-12.747
Aliphatic C21-C28	11592307.000	80.000	13.750	17.436	144903.838	139034.659	-4.221
Aliphatic C28-C40	13646977.000	120.000	17.437	22.460	113724.808	113794.545	0.061
Aliphatic EPH	48197913.000	360.000	3.260	22.460	133883.092	124878.157	-7.211

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	17 Nov 2025 14:20
Client Sample ID:		Operator:	YPAJ
Data file:	FG016925.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.260	6.901	8312412.000	60.000	ug/ml
Aliphatic C12-C16	6.902	10.358	5689870.000	40.000	ug/ml
Aliphatic C16-C21	10.359	13.749	8956347.000	60.000	ug/ml
Aliphatic C21-C28	13.750	17.436	11592307.000	80.000	ug/ml
Aliphatic C28-C40	17.437	22.460	13646977.000	120.000	ug/ml
Aliphatic EPH	3.260	22.460	48197913.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FG111725AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FG016938.D

Aliphatic C9-C12	7912613.000	60.000	3.260	6.901	131876.883	122003.227	-8.093
Aliphatic C12-C16	5407778.000	40.000	6.902	10.358	135194.450	122851.240	-10.047
Aliphatic C16-C21	8530754.000	60.000	10.359	13.749	142179.233	132396.253	-7.389
Aliphatic C21-C28	10984596.000	80.000	13.750	17.436	137307.450	139034.659	1.242
Aliphatic C28-C40	13085578.000	120.000	17.437	22.460	109046.483	113794.545	4.172
Aliphatic EPH	45921319.000	360.000	3.260	22.460	127559.219	124878.157	-2.147

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	17 Nov 2025 22:56
Client Sample ID:		Operator:	YPIAJ
Data file:	FG016938.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.260	6.901	7912613.000	60.000	ug/ml
Aliphatic C12-C16	6.902	10.358	5407778.000	40.000	ug/ml
Aliphatic C16-C21	10.359	13.749	8530754.000	60.000	ug/ml
Aliphatic C21-C28	13.750	17.436	10984596.000	80.000	ug/ml
Aliphatic C28-C40	17.437	22.460	13085578.000	120.000	ug/ml
Aliphatic EPH	3.260	22.460	45921319.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FG112025AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FG016956.D

Aliphatic C9-C12	8189375.000	60.000	3.258	6.899	136489.583	122003.227	-11.874
Aliphatic C12-C16	5612132.000	40.000	6.900	10.356	140303.300	122851.240	-14.206
Aliphatic C16-C21	8831800.000	60.000	10.357	13.743	147196.667	132396.253	-11.179
Aliphatic C21-C28	11474845.000	80.000	13.744	17.429	143435.563	139034.659	-3.165
Aliphatic C28-C40	13319255.000	120.000	17.430	22.445	110993.792	113794.545	2.461
Aliphatic EPH	47427407.000	360.000	3.258	22.445	131742.797	124878.157	-5.497

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	20 Nov 2025 10:36
Client Sample ID:		Operator:	YPAJ
Data file:	FG016956.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.258	6.899	8189375.000	60.000	ug/ml
Aliphatic C12-C16	6.900	10.356	5612132.000	40.000	ug/ml
Aliphatic C16-C21	10.357	13.743	8831800.000	60.000	ug/ml
Aliphatic C21-C28	13.744	17.429	11474845.000	80.000	ug/ml
Aliphatic C28-C40	17.430	22.445	13319255.000	120.000	ug/ml
Aliphatic EPH	3.258	22.445	47427407.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FG112025AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FG016963.D

Aliphatic C9-C12	7779432.000	60.000	3.258	6.899	129657.200	122003.227	-6.274
Aliphatic C12-C16	5321494.000	40.000	6.900	10.356	133037.350	122851.240	-8.291
Aliphatic C16-C21	8375437.000	60.000	10.357	13.743	139590.617	132396.253	-5.434
Aliphatic C21-C28	10879586.000	80.000	13.744	17.429	135994.825	139034.659	2.186
Aliphatic C28-C40	13293839.000	120.000	17.430	22.445	110781.992	113794.545	2.647
Aliphatic EPH	45649788.000	360.000	3.258	22.445	126804.967	124878.157	-1.543

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	20 Nov 2025 17:15
Client Sample ID:		Operator:	YPAJ
Data file:	FG016963.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.258	6.899	7779432.000	60.000	ug/ml
Aliphatic C12-C16	6.900	10.356	5321494.000	40.000	ug/ml
Aliphatic C16-C21	10.357	13.743	8375437.000	60.000	ug/ml
Aliphatic C21-C28	13.744	17.429	10879586.000	80.000	ug/ml
Aliphatic C28-C40	17.430	22.445	13293839.000	120.000	ug/ml
Aliphatic EPH	3.258	22.445	45649788.000	360.000	ug/ml



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016722.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 18:02
 Operator : YP\AJ
 Sample : Q3586-01
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SED-1

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 00:33:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 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...	8.009	5178641	45.699 ug/ml
Spiked Amount 50.000		Recovery =	91.40%
6) S 2-Fluorobiphenyl (SURR)	8.886	3463002	48.555 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.11%
11) S ortho-Terphenyl (SURR)	11.953	5739038	39.080 ug/ml
Spiked Amount 50.000		Recovery =	78.16%

Target Compounds

(f)=RT Delta > 1/2 Window

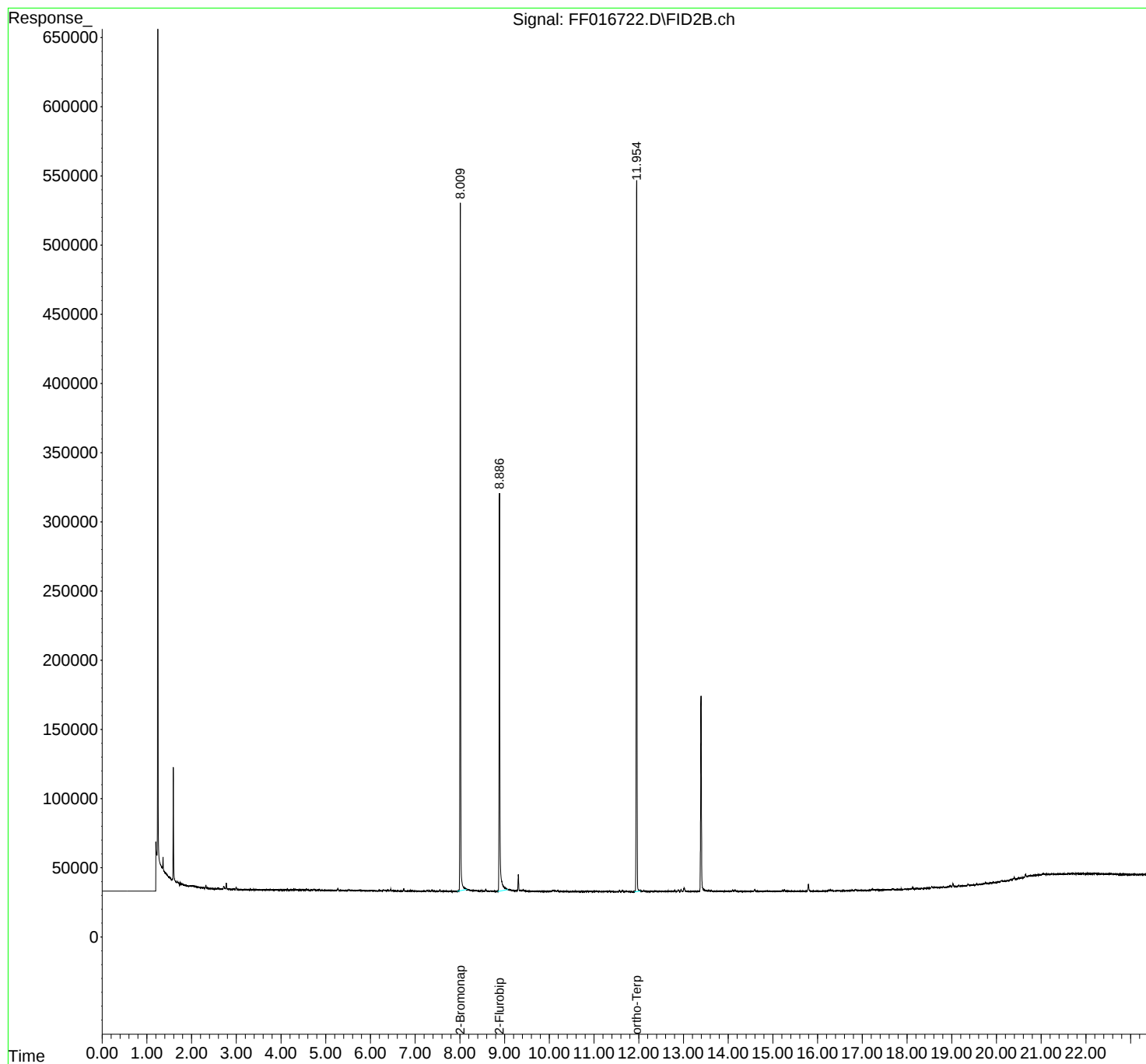
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016722.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 00:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

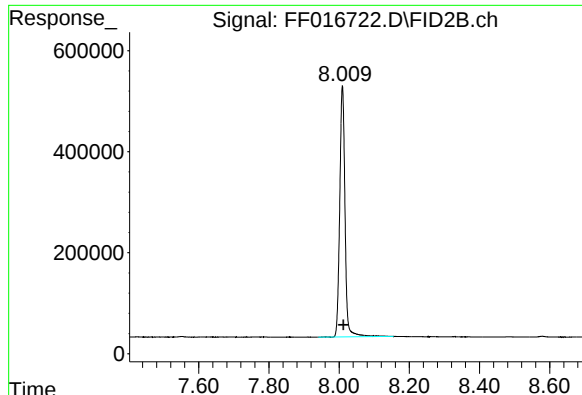
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



#4 2-Bromonaphthalene (SURR)

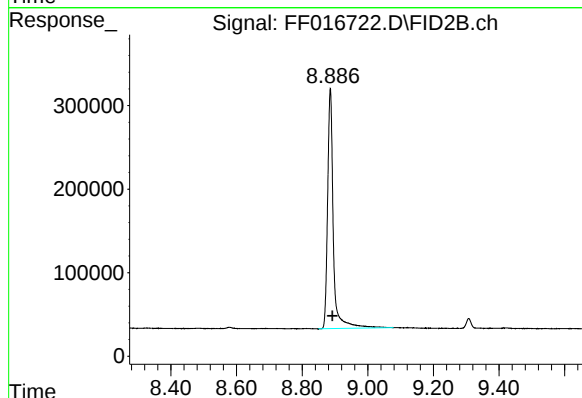
R.T.: 8.009 min
Delta R.T.: -0.003 min
Response: 5178641
Conc: 45.70 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-1



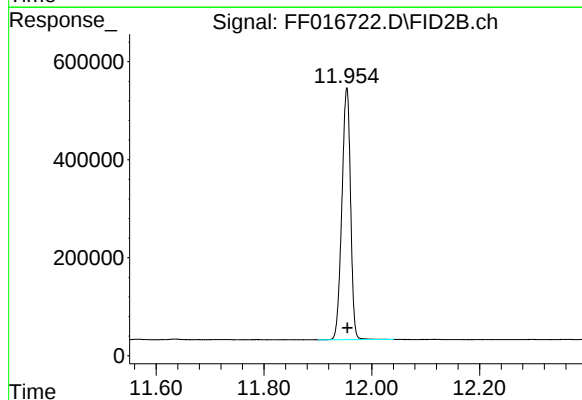
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: -0.007 min
Response: 3463002
Conc: 48.55 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: -0.001 min
Response: 5739038
Conc: 39.08 ug/ml



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016722.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 18:02
 Sample : Q3586-01
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.426	4.422	4.459	PV	79	1046	0.02%	0.006%
2	4.475	4.459	4.506	VV	301	4736	0.08%	0.025%
3	4.567	4.534	4.585	VV	899	11801	0.20%	0.063%
4	4.604	4.585	4.631	VV	333	4965	0.09%	0.026%
5	4.637	4.631	4.662	VV	151	1801	0.03%	0.010%
6	4.680	4.662	4.705	VV	448	7536	0.13%	0.040%
7	4.733	4.705	4.747	VV	913	10811	0.19%	0.058%
8	4.756	4.747	4.777	VV	658	7231	0.13%	0.039%
9	4.783	4.777	4.801	VV	196	1931	0.03%	0.010%
10	4.818	4.801	4.833	VV	431	4738	0.08%	0.025%
11	4.853	4.833	4.875	VV	885	8968	0.16%	0.048%
12	4.883	4.875	4.910	VV	175	2574	0.04%	0.014%
13	4.931	4.917	4.940	VV	190	1955	0.03%	0.010%
14	4.985	4.940	5.005	VV	229	5397	0.09%	0.029%
15	5.030	5.005	5.042	VV	185	2163	0.04%	0.012%
16	5.067	5.042	5.107	VV	261	5051	0.09%	0.027%
17	5.119	5.107	5.134	VV	149	1302	0.02%	0.007%
18	5.147	5.134	5.160	VV	152	1542	0.03%	0.008%
19	5.182	5.170	5.194	VV	202	1699	0.03%	0.009%
20	5.214	5.194	5.225	VV	202	1720	0.03%	0.009%
21	5.246	5.225	5.253	VV	245	2818	0.05%	0.015%
22	5.272	5.253	5.308	VV	1824	22772	0.39%	0.121%
23	5.332	5.308	5.368	VV	472	7656	0.13%	0.041%
24	5.389	5.368	5.428	VV	307	5430	0.09%	0.029%
25	5.449	5.443	5.474	VV	80	1551	0.03%	0.008%
26	5.487	5.474	5.495	VV	140	1191	0.02%	0.006%
27	5.517	5.495	5.552	VV	916	15754	0.27%	0.084%
28	5.563	5.552	5.569	VV	349	2890	0.05%	0.015%
29	5.572	5.569	5.584	VV	299	2573	0.04%	0.014%
30	5.587	5.584	5.624	VV	269	4608	0.08%	0.025%
31	5.627	5.624	5.642	VV	156	1303	0.02%	0.007%
32	5.648	5.642	5.660	VV	199	1380	0.02%	0.007%
33	5.671	5.660	5.681	VV	228	2093	0.04%	0.011%
34	5.707	5.692	5.726	VV	503	6839	0.12%	0.036%
35	5.756	5.726	5.780	VV	607	11148	0.19%	0.059%
36	5.809	5.780	5.818	VV	293	3851	0.07%	0.021%

					rteres			
37	5.820	5.818	5.834	VV	184	1322	0.02%	0.007%
38	5.859	5.844	5.877	VV	227	2969	0.05%	0.016%
39	5.909	5.887	5.952	VV	262	5653	0.10%	0.030%
40	5.971	5.952	5.986	VV	227	2327	0.04%	0.012%
41	6.007	5.986	6.039	VV	229	5337	0.09%	0.028%
42	6.059	6.039	6.069	VV	333	3097	0.05%	0.017%
43	6.082	6.069	6.121	VV	312	5056	0.09%	0.027%
44	6.147	6.121	6.162	PV	155	2128	0.04%	0.011%
45	6.198	6.174	6.230	VV	598	9389	0.16%	0.050%
46	6.245	6.230	6.269	VV	312	4852	0.08%	0.026%
47	6.292	6.269	6.332	VV	745	18630	0.32%	0.099%
48	6.345	6.332	6.371	VV	624	8752	0.15%	0.047%
49	6.390	6.371	6.417	VV	956	13717	0.24%	0.073%
50	6.422	6.417	6.431	VV	252	1837	0.03%	0.010%
51	6.457	6.431	6.493	VV	1343	17606	0.30%	0.094%
52	6.518	6.493	6.527	VV	323	5109	0.09%	0.027%
53	6.532	6.527	6.559	VV	338	4631	0.08%	0.025%
54	6.572	6.559	6.602	VV	194	4805	0.08%	0.026%
55	6.609	6.602	6.645	VV	215	4282	0.07%	0.023%
56	6.746	6.717	6.779	VV	2004	24525	0.42%	0.131%
57	6.786	6.779	6.794	VV	160	1154	0.02%	0.006%
58	6.799	6.794	6.810	VV	134	1070	0.02%	0.006%
59	6.833	6.810	6.848	VV	357	4932	0.09%	0.026%
60	6.871	6.848	6.885	VV	329	4948	0.09%	0.026%
61	6.900	6.885	6.925	VV	757	9744	0.17%	0.052%
62	6.935	6.925	6.952	VV	333	3527	0.06%	0.019%
63	6.974	6.952	7.002	VV	522	7563	0.13%	0.040%
64	7.032	7.002	7.054	VV	223	4326	0.07%	0.023%
65	7.089	7.054	7.121	PV	194	3720	0.06%	0.020%
66	7.147	7.134	7.182	VV	239	3080	0.05%	0.016%
67	7.202	7.182	7.235	VV	419	6449	0.11%	0.034%
68	7.258	7.235	7.298	VV	588	13871	0.24%	0.074%
69	7.324	7.298	7.347	VV	610	11230	0.19%	0.060%
70	7.388	7.347	7.408	VV	698	15199	0.26%	0.081%
71	7.425	7.408	7.444	VV	483	6618	0.11%	0.035%
72	7.447	7.444	7.460	VV	140	1197	0.02%	0.006%
73	7.464	7.460	7.482	VV	182	1730	0.03%	0.009%
74	7.493	7.482	7.517	VV	227	3272	0.06%	0.017%
75	7.522	7.517	7.530	VV	194	1195	0.02%	0.006%
76	7.551	7.530	7.588	VV	1250	15769	0.27%	0.084%
77	7.612	7.588	7.621	VV	286	3312	0.06%	0.018%
78	7.627	7.621	7.634	VV	238	1492	0.03%	0.008%
79	7.640	7.634	7.650	VV	776	1960	0.03%	0.010%
80	7.662	7.650	7.675	VV	240	2695	0.05%	0.014%
81	7.697	7.675	7.714	VV	357	5530	0.10%	0.030%
82	7.722	7.714	7.745	VV	148	1973	0.03%	0.011%
83	7.764	7.745	7.779	VV	278	4174	0.07%	0.022%
84	7.787	7.779	7.811	VV	223	2730	0.05%	0.015%
85	7.832	7.811	7.836	PV	117	1021	0.02%	0.005%
86	7.860	7.836	7.886	VV	185	3221	0.06%	0.017%
87	7.910	7.902	7.921	VV	190	1318	0.02%	0.007%
88	7.962	7.943	7.978	VV	530	5582	0.10%	0.030%
89	8.010	7.978	8.102	VV	497578	5206894	90.14%	27.777%

rteres								
90	8.110	8.102	8.219	VV	2514	112544	1.95%	0.600%
91	8.224	8.219	8.249	VV	997	15924	0.28%	0.085%
92	8.273	8.249	8.307	VV	951	27454	0.48%	0.146%
93	8.328	8.307	8.352	VV	946	19181	0.33%	0.102%
94	8.357	8.352	8.365	VV	564	4454	0.08%	0.024%
95	8.371	8.365	8.385	VV	600	6146	0.11%	0.033%
96	8.392	8.385	8.419	VV	502	8620	0.15%	0.046%
97	8.425	8.419	8.456	VV	413	8353	0.14%	0.045%
98	8.483	8.456	8.519	VV	675	17491	0.30%	0.093%
99	8.525	8.519	8.546	VV	385	5644	0.10%	0.030%
100	8.578	8.546	8.636	VV	1862	33983	0.59%	0.181%
101	8.642	8.636	8.652	VV	319	2188	0.04%	0.012%
102	8.658	8.652	8.661	VV	251	1060	0.02%	0.006%
103	8.676	8.661	8.683	VV	396	4381	0.08%	0.023%
104	8.687	8.683	8.691	VV	359	1638	0.03%	0.009%
105	8.694	8.691	8.701	VV	378	1920	0.03%	0.010%
106	8.706	8.701	8.717	VV	344	2723	0.05%	0.015%
107	8.723	8.717	8.757	VV	382	5814	0.10%	0.031%
108	8.771	8.757	8.797	VV	296	4506	0.08%	0.024%
109	8.813	8.797	8.842	VV	374	5736	0.10%	0.031%
110	8.886	8.850	9.110	VV	287928	3599460	62.31%	19.202%
111	9.124	9.110	9.174	VV	1361	42932	0.74%	0.229%
112	9.182	9.174	9.206	VV	901	14941	0.26%	0.080%
113	9.212	9.206	9.221	VV	753	6051	0.10%	0.032%
114	9.230	9.221	9.252	VV	748	11986	0.21%	0.064%
115	9.259	9.252	9.281	VV	667	10089	0.17%	0.054%
116	9.308	9.281	9.357	VV	12449	150087	2.60%	0.801%
117	9.362	9.357	9.372	VV	709	5945	0.10%	0.032%
118	9.376	9.372	9.378	VV	639	2484	0.04%	0.013%
119	9.388	9.378	9.400	VV	737	9390	0.16%	0.050%
120	9.421	9.400	9.452	VV	1179	24711	0.43%	0.132%
121	9.460	9.452	9.483	VV	543	9010	0.16%	0.048%
122	9.495	9.483	9.518	VV	495	8150	0.14%	0.043%
123	9.528	9.518	9.532	VV	330	2507	0.04%	0.013%
124	9.542	9.532	9.577	VV	381	7533	0.13%	0.040%
125	9.598	9.577	9.618	VV	393	7749	0.13%	0.041%
126	9.626	9.618	9.675	VV	349	8202	0.14%	0.044%
127	9.700	9.675	9.712	VV	329	5465	0.09%	0.029%
128	9.716	9.712	9.738	VV	278	2681	0.05%	0.014%
129	9.742	9.738	9.755	VV	193	1459	0.03%	0.008%
130	9.774	9.755	9.809	VV	409	8901	0.15%	0.047%
131	9.816	9.809	9.840	VV	163	3033	0.05%	0.016%
132	9.858	9.840	9.872	VV	260	3671	0.06%	0.020%
133	9.876	9.872	9.884	VV	202	1194	0.02%	0.006%
134	9.890	9.884	9.897	VV	188	1217	0.02%	0.006%
135	9.917	9.897	9.955	VV	314	6539	0.11%	0.035%
136	9.966	9.955	9.995	VV	286	4635	0.08%	0.025%
137	10.022	9.995	10.048	VV	512	8501	0.15%	0.045%
138	10.074	10.048	10.095	VV	928	18998	0.33%	0.101%
139	10.109	10.095	10.128	VV	987	15847	0.27%	0.085%
140	10.132	10.128	10.169	VV	648	11328	0.20%	0.060%
141	10.189	10.169	10.215	VV	1119	17908	0.31%	0.096%

					rteres			
142	10.220	10.215	10.239	VV	348	3401	0.06%	0.018%
143	10.255	10.239	10.280	VV	304	5538	0.10%	0.030%
144	10.284	10.280	10.300	VV	194	2340	0.04%	0.012%
145	10.304	10.300	10.317	VV	191	1649	0.03%	0.009%
146	10.325	10.317	10.336	VV	178	1911	0.03%	0.010%
147	10.354	10.344	10.369	VV	219	2456	0.04%	0.013%
148	10.372	10.369	10.385	VV	174	1243	0.02%	0.007%
149	10.392	10.385	10.444	VV	176	4298	0.07%	0.023%
150	10.467	10.444	10.487	VV	107	2414	0.04%	0.013%
151	10.511	10.487	10.546	VV	285	5992	0.10%	0.032%
152	10.581	10.546	10.600	VV	218	5068	0.09%	0.027%
153	10.615	10.600	10.643	VV	314	5023	0.09%	0.027%
154	10.675	10.643	10.689	VV	203	3493	0.06%	0.019%
155	10.710	10.689	10.731	VV	347	4923	0.09%	0.026%
156	10.744	10.731	10.777	VV	251	4568	0.08%	0.024%
157	10.794	10.777	10.802	VV	251	2671	0.05%	0.014%
158	10.813	10.802	10.845	VV	256	5304	0.09%	0.028%
159	10.865	10.845	10.896	VV	311	7501	0.13%	0.040%
160	10.927	10.896	10.967	VV	417	11708	0.20%	0.062%
161	10.980	10.967	11.005	VV	283	4605	0.08%	0.025%
162	11.055	11.005	11.092	VV	602	16072	0.28%	0.086%
163	11.118	11.092	11.140	VV	228	5038	0.09%	0.027%
164	11.148	11.140	11.176	VV	198	2795	0.05%	0.015%
165	11.219	11.176	11.232	VV	187	4655	0.08%	0.025%
166	11.241	11.232	11.258	VV	240	2839	0.05%	0.015%
167	11.266	11.258	11.296	VV	214	4146	0.07%	0.022%
168	11.308	11.296	11.333	VV	223	4452	0.08%	0.024%
169	11.351	11.333	11.407	VV	254	8100	0.14%	0.043%
170	11.435	11.407	11.455	VV	241	3474	0.06%	0.019%
171	11.468	11.455	11.479	VV	142	1124	0.02%	0.006%
172	11.489	11.479	11.507	VV	136	1249	0.02%	0.007%
173	11.518	11.507	11.539	VV	151	1336	0.02%	0.007%
174	11.565	11.539	11.600	PV	1046	15494	0.27%	0.083%
175	11.635	11.600	11.669	VV	1334	20313	0.35%	0.108%
176	11.678	11.669	11.696	VV	190	2242	0.04%	0.012%
177	11.713	11.696	11.750	VV	364	7000	0.12%	0.037%
178	11.765	11.750	11.812	VV	151	3969	0.07%	0.021%
179	11.839	11.812	11.847	VV	135	1581	0.03%	0.008%
180	11.858	11.847	11.901	VV	93	1863	0.03%	0.010%
181	11.953	11.901	12.080	PV	515456	5776486	100.00%	30.815%
182	12.116	12.080	12.187	VV	827	23380	0.40%	0.125%
183	12.204	12.187	12.213	VV	192	2639	0.05%	0.014%
184	12.225	12.213	12.239	VV	250	2880	0.05%	0.015%
185	12.297	12.239	12.332	VV	545	15574	0.27%	0.083%
186	12.360	12.332	12.379	VV	730	12082	0.21%	0.064%
187	12.398	12.379	12.432	VV	748	12367	0.21%	0.066%
188	12.439	12.432	12.454	VV	229	2474	0.04%	0.013%
189	12.460	12.454	12.494	VV	267	3726	0.06%	0.020%
190	12.524	12.494	12.564	VV	439	10277	0.18%	0.055%
191	12.590	12.564	12.615	VV	315	6889	0.12%	0.037%
192	12.631	12.615	12.645	VV	356	5005	0.09%	0.027%
193	12.659	12.645	12.705	VV	535	12701	0.22%	0.068%
194	12.729	12.705	12.752	VV	374	7899	0.14%	0.042%

					rteres			
195	12.807	12.752	12.842	VV	991	21810	0.38%	0.116%
196	12.885	12.842	12.920	VV	1362	26262	0.45%	0.140%
197	12.946	12.920	12.985	VV	1633	25523	0.44%	0.136%
198	13.016	12.985	13.059	VV	2821	51278	0.89%	0.274%
199	13.064	13.059	13.098	VV	238	3491	0.06%	0.019%
200	13.111	13.098	13.129	VV	114	1392	0.02%	0.007%
201	13.151	13.129	13.177	VV	276	3796	0.07%	0.020%
202	13.239	13.177	13.290	VV	269	11384	0.20%	0.061%
203	13.393	13.290	13.535	VV	141433	1822023	31.54%	9.720%
204	13.559	13.535	13.597	VV	716	19060	0.33%	0.102%
205	13.620	13.597	13.675	VV	660	19804	0.34%	0.106%
206	13.685	13.675	13.715	VV	345	6121	0.11%	0.033%
207	13.758	13.715	13.798	VV	419	13627	0.24%	0.073%
208	13.832	13.798	13.876	VV	387	12331	0.21%	0.066%
209	13.896	13.876	13.923	VV	258	5354	0.09%	0.029%
210	13.932	13.923	13.940	VV	198	1827	0.03%	0.010%
211	13.949	13.940	13.956	VV	237	1884	0.03%	0.010%
212	13.966	13.956	13.992	VV	264	4756	0.08%	0.025%
213	14.005	13.992	14.055	VV	306	7423	0.13%	0.040%
214	14.098	14.055	14.125	VV	1109	19870	0.34%	0.106%
215	14.149	14.125	14.200	VV	1288	23071	0.40%	0.123%
216	14.207	14.200	14.226	VV	230	2493	0.04%	0.013%
217	14.267	14.226	14.320	VV	267	7117	0.12%	0.038%
218	14.357	14.320	14.372	VV	206	3531	0.06%	0.019%
219	14.387	14.372	14.506	VV	190	7130	0.12%	0.038%
220	14.524	14.506	14.536	PV	195	1688	0.03%	0.009%
221	14.591	14.536	14.688	VV	1281	33458	0.58%	0.178%
222	14.712	14.688	14.741	VV	285	5319	0.09%	0.028%
223	14.750	14.741	14.772	VV	123	2025	0.04%	0.011%
224	14.780	14.772	14.790	VV	143	1110	0.02%	0.006%
225	14.820	14.790	14.832	VV	243	4402	0.08%	0.023%
226	14.867	14.832	14.913	VV	412	12326	0.21%	0.066%
227	14.921	14.913	14.955	VV	205	3488	0.06%	0.019%
228	14.972	14.955	14.981	VV	146	1759	0.03%	0.009%
229	15.000	14.981	15.019	VV	125	2319	0.04%	0.012%
230	15.056	15.019	15.084	VV	392	7559	0.13%	0.040%
231	15.103	15.084	15.130	VV	137	2747	0.05%	0.015%
232	15.142	15.130	15.179	VV	196	2598	0.04%	0.014%
233	15.215	15.179	15.239	VV	778	16198	0.28%	0.086%
234	15.256	15.239	15.297	VV	1188	21230	0.37%	0.113%
235	15.312	15.297	15.392	VV	381	11929	0.21%	0.064%
236	15.431	15.392	15.457	VV	275	7094	0.12%	0.038%
237	15.480	15.457	15.514	VV	202	3783	0.07%	0.020%
238	15.533	15.514	15.542	PV	109	1011	0.02%	0.005%
239	15.564	15.542	15.624	VV	168	3794	0.07%	0.020%
240	15.671	15.624	15.709	VV	197	5418	0.09%	0.029%
241	15.794	15.709	15.875	VV	5079	80248	1.39%	0.428%
242	15.905	15.875	15.952	VV	171	5191	0.09%	0.028%
243	15.993	15.952	16.014	PV	125	3537	0.06%	0.019%
244	16.058	16.039	16.072	PV	129	1525	0.03%	0.008%
245	16.103	16.072	16.130	VV	132	4205	0.07%	0.022%
246	16.138	16.130	16.167	VV	171	2694	0.05%	0.014%

					rteres			
247	16.178	16.167	16.195	VV	160	1526	0.03%	0.008%
248	16.244	16.195	16.260	VV	527	9421	0.16%	0.050%
249	16.281	16.260	16.366	VV	933	21237	0.37%	0.113%
250	16.376	16.366	16.396	VV	146	1927	0.03%	0.010%
251	16.424	16.396	16.451	VV	179	3819	0.07%	0.020%
252	16.458	16.451	16.490	VV	144	2160	0.04%	0.012%
253	16.500	16.490	16.519	VV	61	1276	0.02%	0.007%
254	16.548	16.539	16.566	VV	76	1085	0.02%	0.006%
255	16.591	16.566	16.615	VV	132	2884	0.05%	0.015%
256	16.628	16.615	16.647	PV	140	1283	0.02%	0.007%
257	16.715	16.674	16.729	VV	115	2523	0.04%	0.013%
258	16.768	16.729	16.790	VV	482	9587	0.17%	0.051%
259	16.805	16.790	16.814	VV	209	2197	0.04%	0.012%
260	16.849	16.814	16.905	VV	960	20778	0.36%	0.111%
261	16.926	16.905	16.978	VV	240	8102	0.14%	0.043%
262	17.006	16.978	17.025	VV	200	3916	0.07%	0.021%
263	17.065	17.025	17.099	VV	116	3018	0.05%	0.016%
264	17.139	17.099	17.159	PV	169	3646	0.06%	0.019%
265	17.234	17.159	17.267	VV	924	29869	0.52%	0.159%
266	17.282	17.267	17.311	VV	362	6897	0.12%	0.037%
267	17.328	17.311	17.374	VV	228	5149	0.09%	0.027%
268	17.388	17.374	17.400	VV	98	1256	0.02%	0.007%
269	17.428	17.400	17.452	VV	172	2613	0.05%	0.014%
270	17.488	17.452	17.495	VV	126	2236	0.04%	0.012%
271	17.527	17.495	17.543	PV	163	2800	0.05%	0.015%
272	17.569	17.543	17.590	VV	288	5333	0.09%	0.028%
273	17.600	17.590	17.639	VV	171	3195	0.06%	0.017%
274	17.687	17.639	17.722	VV	850	15604	0.27%	0.083%
275	17.794	17.739	17.837	VV	114	4258	0.07%	0.023%
276	17.871	17.837	17.889	PV	204	1667	0.03%	0.009%
277	18.017	17.889	18.025	PV	73	4407	0.08%	0.024%
278	18.126	18.025	18.155	PV	1054	22018	0.38%	0.117%
279	18.218	18.155	18.251	VV	245	6818	0.12%	0.036%
280	18.416	18.251	18.428	VV	122	3555	0.06%	0.019%
281	18.446	18.428	18.472	VV	206	2371	0.04%	0.013%
282	18.511	18.472	18.523	PV	110	2348	0.04%	0.013%
283	18.554	18.523	18.588	VV	1096	21866	0.38%	0.117%
284	18.608	18.588	18.631	VV	476	10066	0.17%	0.054%
285	18.637	18.631	18.717	VV	339	9927	0.17%	0.053%
286	18.819	18.717	18.851	PBA	145	7825	0.14%	0.042%
Sum of corrected areas:						18745410		

Aromatic EPH 102925.M Tue Nov 18 01:15:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016929.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-1

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Nov 18 01:22:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
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...	13.481	5117800	42.495 ug/ml
Spiked Amount	50.000	Recovery	= 84.99%

Target Compounds

(f)=RT Delta > 1/2 Window

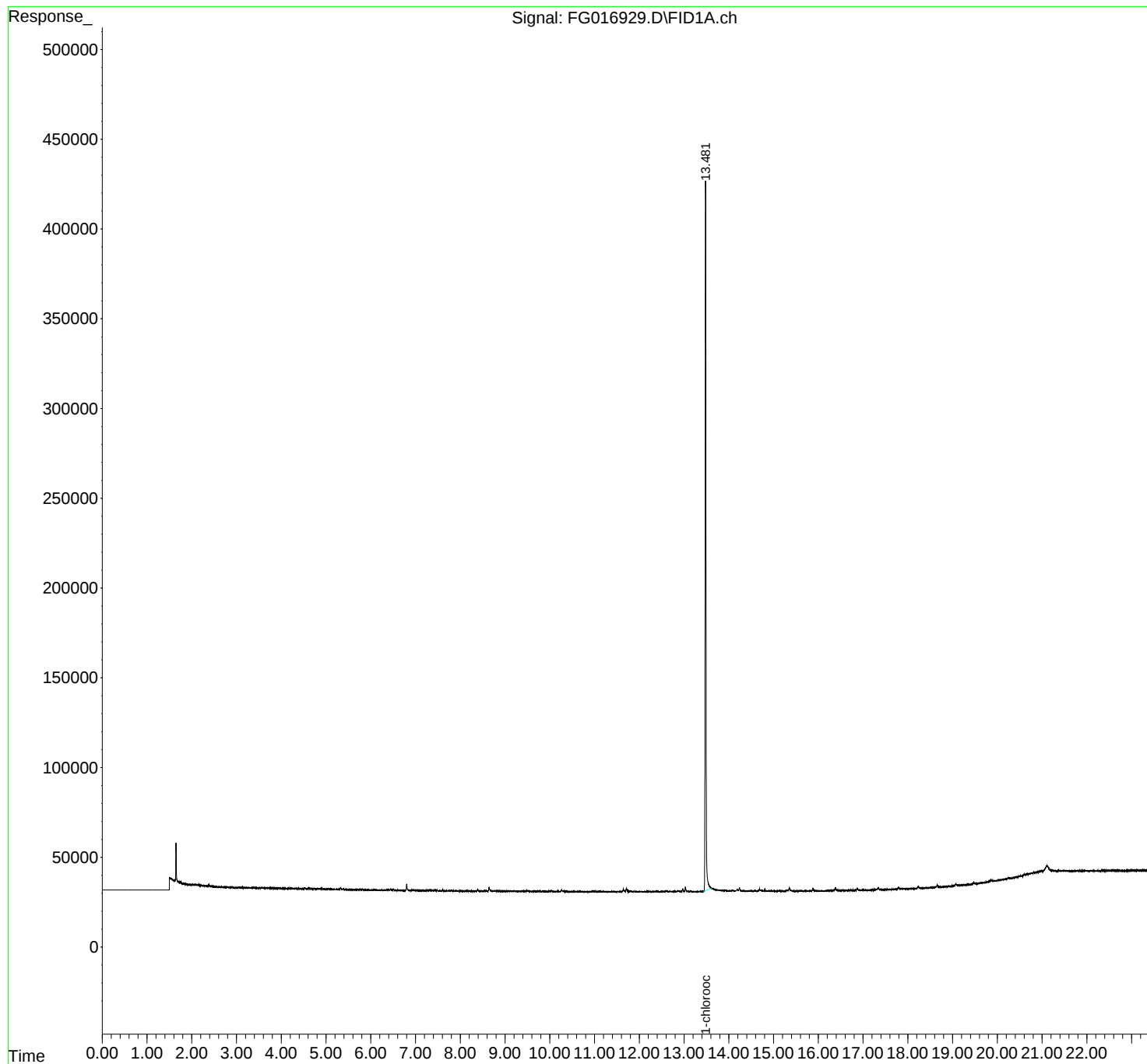
(m)=manual int.

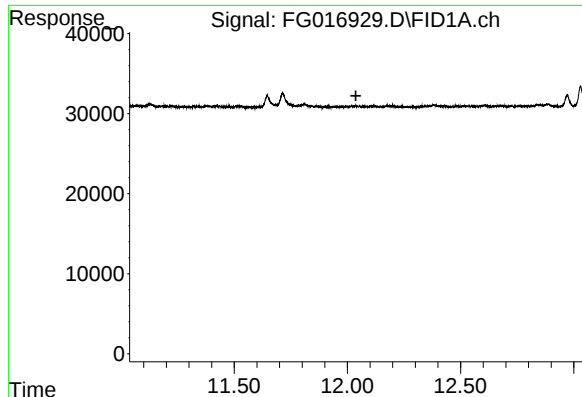
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016929.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:02
Operator : YP\AJ
Sample : Q3586-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-1

Integration File: autoint1.e
Quant Time: Nov 18 01:22:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

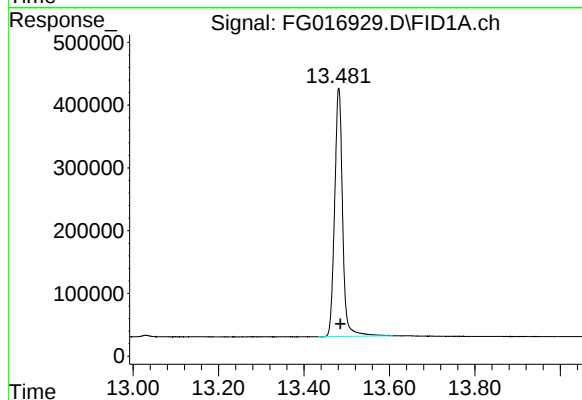




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SED-1



#12 1-chlorooctadecane (SURR)

R.T.: 13.481 min
Delta R.T.: -0.004 min
Response: 5117800
Conc: 42.49 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
 Data File : FG016929.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2025 18:02
 Sample : Q3586-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.365	3.305	3.498	BV	144	3248	0.06%	0.032%
2	3.505	3.498	3.514	PV	55	343	0.01%	0.003%
3	3.531	3.514	3.548	VV	80	958	0.02%	0.010%
4	3.558	3.548	3.598	VV	112	2143	0.04%	0.021%
5	3.614	3.598	3.648	VV	121	1853	0.03%	0.018%
6	3.679	3.648	3.705	VV	130	2803	0.05%	0.028%
7	3.727	3.705	3.747	VV	125	1428	0.03%	0.014%
8	3.757	3.747	3.858	VV	96	2955	0.06%	0.029%
9	3.866	3.858	3.901	VV	97	1327	0.02%	0.013%
10	3.914	3.901	3.931	VV	96	783	0.01%	0.008%
11	3.942	3.931	4.006	PV	113	2202	0.04%	0.022%
12	4.062	4.006	4.141	PV	145	5091	0.09%	0.051%
13	4.157	4.141	4.176	VV	182	1854	0.03%	0.018%
14	4.195	4.176	4.219	VV	262	3271	0.06%	0.033%
15	4.229	4.219	4.260	VV	153	1624	0.03%	0.016%
16	4.271	4.260	4.318	VV	206	3042	0.06%	0.030%
17	4.362	4.318	4.488	VV	244	11523	0.22%	0.115%
18	4.530	4.488	4.548	VV	377	6449	0.12%	0.064%
19	4.559	4.548	4.605	VV	175	4664	0.09%	0.046%
20	4.622	4.605	4.717	VV	829	15428	0.29%	0.153%
21	4.738	4.717	4.783	VV	283	5994	0.11%	0.060%
22	4.812	4.783	4.855	VV	357	7258	0.14%	0.072%
23	4.874	4.855	4.889	VV	264	3307	0.06%	0.033%
24	4.906	4.889	4.985	VV	458	9332	0.17%	0.093%
25	4.991	4.985	5.000	VV	112	1013	0.02%	0.010%
26	5.017	5.000	5.029	VV	155	2255	0.04%	0.022%
27	5.042	5.029	5.063	VV	390	3739	0.07%	0.037%
28	5.111	5.063	5.162	VV	190	7308	0.14%	0.073%
29	5.170	5.162	5.195	VV	150	1660	0.03%	0.016%
30	5.234	5.195	5.258	VV	152	4087	0.08%	0.041%
31	5.275	5.258	5.288	VV	218	2207	0.04%	0.022%
32	5.299	5.288	5.306	VV	243	2223	0.04%	0.022%
33	5.326	5.306	5.357	VV	1063	14138	0.26%	0.140%
34	5.381	5.357	5.423	VV	366	6926	0.13%	0.069%
35	5.443	5.423	5.485	VV	246	3187	0.06%	0.032%
36	5.506	5.485	5.522	PV	74	1105	0.02%	0.011%

					rterres			
37	5.535	5.522	5.545	VV	70	651	0.01%	0.006%
38	5.560	5.545	5.623	VV	86	1968	0.04%	0.020%
39	5.640	5.623	5.652	VV	99	1105	0.02%	0.011%
40	5.658	5.652	5.711	VV	84	1621	0.03%	0.016%
41	5.725	5.711	5.748	VV	116	1458	0.03%	0.014%
42	5.766	5.748	5.786	PV	349	4441	0.08%	0.044%
43	5.808	5.786	5.839	VV	378	5363	0.10%	0.053%
44	5.866	5.839	5.888	VV	121	2402	0.04%	0.024%
45	5.890	5.888	5.927	VV	160	2029	0.04%	0.020%
46	5.960	5.927	6.011	VV	208	4824	0.09%	0.048%
47	6.025	6.011	6.043	VV	121	1685	0.03%	0.017%
48	6.076	6.043	6.109	VV	197	4601	0.09%	0.046%
49	6.132	6.109	6.178	VV	217	4908	0.09%	0.049%
50	6.183	6.178	6.224	VV	134	2281	0.04%	0.023%
51	6.245	6.224	6.280	VV	264	4011	0.07%	0.040%
52	6.298	6.280	6.322	VV	251	3086	0.06%	0.031%
53	6.358	6.322	6.379	VV	364	7523	0.14%	0.075%
54	6.399	6.379	6.422	VV	373	5833	0.11%	0.058%
55	6.445	6.422	6.491	VV	622	11544	0.22%	0.115%
56	6.508	6.491	6.554	VV	713	10298	0.19%	0.102%
57	6.566	6.554	6.571	VV	121	951	0.02%	0.009%
58	6.582	6.571	6.660	VV	204	5058	0.09%	0.050%
59	6.693	6.660	6.772	VV	142	4395	0.08%	0.044%
60	6.802	6.772	6.870	PV	3656	50092	0.93%	0.498%
61	6.889	6.870	6.908	VV	286	4608	0.09%	0.046%
62	6.924	6.908	6.935	VV	259	2910	0.05%	0.029%
63	6.956	6.935	6.980	VV	490	7424	0.14%	0.074%
64	6.990	6.980	7.015	VV	206	3001	0.06%	0.030%
65	7.029	7.015	7.071	VV	333	5907	0.11%	0.059%
66	7.083	7.071	7.128	VV	178	4239	0.08%	0.042%
67	7.144	7.128	7.237	VV	180	6949	0.13%	0.069%
68	7.259	7.237	7.298	VV	235	5369	0.10%	0.053%
69	7.315	7.298	7.350	VV	396	9184	0.17%	0.091%
70	7.377	7.350	7.399	VV	397	7758	0.14%	0.077%
71	7.428	7.399	7.466	VV	425	11133	0.21%	0.111%
72	7.482	7.466	7.520	VV	340	5854	0.11%	0.058%
73	7.530	7.520	7.538	VV	136	1505	0.03%	0.015%
74	7.546	7.538	7.570	VV	174	2553	0.05%	0.025%
75	7.608	7.570	7.658	VV	810	12955	0.24%	0.129%
76	7.684	7.658	7.703	VV	225	3954	0.07%	0.039%
77	7.716	7.703	7.729	VV	231	2736	0.05%	0.027%
78	7.758	7.729	7.795	VV	301	7766	0.14%	0.077%
79	7.815	7.795	7.872	VV	218	7691	0.14%	0.076%
80	7.882	7.872	7.893	VV	155	1605	0.03%	0.016%
81	7.901	7.893	7.953	VV	140	3513	0.07%	0.035%
82	8.020	7.953	8.061	PV	311	6109	0.11%	0.061%
83	8.086	8.061	8.101	VV	181	2560	0.05%	0.025%
84	8.119	8.101	8.150	VV	195	3279	0.06%	0.033%
85	8.185	8.150	8.232	VV	195	5721	0.11%	0.057%
86	8.242	8.232	8.276	VV	132	2426	0.05%	0.024%
87	8.297	8.276	8.312	VV	142	1373	0.03%	0.014%
88	8.335	8.312	8.366	VV	240	4201	0.08%	0.042%
89	8.388	8.366	8.471	VV	1018	17202	0.32%	0.171%

					rteres			
90	8.491	8.471	8.519	VV	187	2805	0.05%	0.028%
91	8.549	8.519	8.608	VV	345	9493	0.18%	0.094%
92	8.642	8.608	8.724	VV	2025	41328	0.77%	0.411%
93	8.741	8.724	8.760	VV	344	5416	0.10%	0.054%
94	8.786	8.760	8.813	VV	314	7704	0.14%	0.077%
95	8.829	8.813	8.862	VV	229	4330	0.08%	0.043%
96	8.876	8.862	8.963	VV	234	5310	0.10%	0.053%
97	9.002	8.963	9.051	VV	180	6475	0.12%	0.064%
98	9.058	9.051	9.072	VV	172	1838	0.03%	0.018%
99	9.107	9.072	9.119	VV	231	4522	0.08%	0.045%
100	9.145	9.119	9.168	VV	238	5532	0.10%	0.055%
101	9.190	9.168	9.227	VV	334	7687	0.14%	0.076%
102	9.247	9.227	9.280	VV	180	3596	0.07%	0.036%
103	9.304	9.280	9.329	VV	151	2920	0.05%	0.029%
104	9.337	9.329	9.348	VV	57	708	0.01%	0.007%
105	9.375	9.348	9.392	VV	589	8406	0.16%	0.084%
106	9.405	9.392	9.421	VV	323	4671	0.09%	0.046%
107	9.433	9.421	9.457	VV	335	4914	0.09%	0.049%
108	9.488	9.457	9.539	VV	796	15995	0.30%	0.159%
109	9.562	9.539	9.590	VV	237	4560	0.09%	0.045%
110	9.611	9.590	9.642	VV	213	3604	0.07%	0.036%
111	9.663	9.642	9.691	VV	182	3167	0.06%	0.031%
112	9.724	9.691	9.750	VV	215	5489	0.10%	0.055%
113	9.775	9.750	9.821	VV	329	6448	0.12%	0.064%
114	9.846	9.821	9.885	VV	317	6312	0.12%	0.063%
115	9.898	9.885	9.925	VV	232	3496	0.07%	0.035%
116	9.938	9.925	9.966	VV	134	2566	0.05%	0.026%
117	9.992	9.966	10.016	VV	296	5688	0.11%	0.057%
118	10.038	10.016	10.084	VV	673	11175	0.21%	0.111%
119	10.095	10.084	10.105	VV	127	1225	0.02%	0.012%
120	10.122	10.105	10.131	VV	150	1782	0.03%	0.018%
121	10.136	10.131	10.149	VV	133	983	0.02%	0.010%
122	10.184	10.149	10.235	VV	348	9017	0.17%	0.090%
123	10.263	10.235	10.468	VV	877	31227	0.58%	0.310%
124	10.482	10.468	10.561	PV	111	4507	0.08%	0.045%
125	10.582	10.561	10.631	VV	136	3737	0.07%	0.037%
126	10.654	10.631	10.716	VV	231	6973	0.13%	0.069%
127	10.746	10.716	10.762	VV	129	2743	0.05%	0.027%
128	10.771	10.762	10.782	VV	122	960	0.02%	0.010%
129	10.809	10.782	10.845	VV	125	3134	0.06%	0.031%
130	10.898	10.845	10.915	VV	183	3734	0.07%	0.037%
131	10.942	10.915	10.989	VV	259	7328	0.14%	0.073%
132	11.008	10.989	11.038	VV	313	6184	0.12%	0.061%
133	11.067	11.038	11.095	VV	263	5987	0.11%	0.059%
134	11.131	11.095	11.156	VV	406	9195	0.17%	0.091%
135	11.190	11.156	11.211	VV	188	4675	0.09%	0.046%
136	11.220	11.211	11.249	VV	174	2819	0.05%	0.028%
137	11.263	11.249	11.311	VV	114	3224	0.06%	0.032%
138	11.334	11.311	11.360	VV	148	3221	0.06%	0.032%
139	11.381	11.360	11.490	VV	206	9395	0.18%	0.093%
140	11.516	11.490	11.561	PV	175	3876	0.07%	0.039%
141	11.571	11.561	11.591	VV	76	565	0.01%	0.006%

					rteres			
142	11.646	11.591	11.690	VV	1464	27334	0.51%	0.272%
143	11.714	11.690	11.782	VV	1781	36202	0.68%	0.360%
144	11.810	11.782	11.895	VV	426	12435	0.23%	0.124%
145	11.901	11.895	11.928	VV	100	1494	0.03%	0.015%
146	11.944	11.928	11.975	VV	94	2120	0.04%	0.021%
147	11.979	11.975	11.986	VV	105	553	0.01%	0.005%
148	11.999	11.986	12.009	VV	127	1302	0.02%	0.013%
149	12.034	12.009	12.048	VV	167	2798	0.05%	0.028%
150	12.052	12.048	12.062	VV	133	809	0.02%	0.008%
151	12.071	12.062	12.088	VV	121	1389	0.03%	0.014%
152	12.103	12.088	12.110	VV	181	1613	0.03%	0.016%
153	12.120	12.110	12.155	VV	187	2834	0.05%	0.028%
154	12.175	12.155	12.191	VV	213	2927	0.05%	0.029%
155	12.201	12.191	12.301	VV	182	4287	0.08%	0.043%
156	12.380	12.301	12.415	VV	271	9290	0.17%	0.092%
157	12.427	12.415	12.455	VV	178	2582	0.05%	0.026%
158	12.488	12.455	12.501	VV	116	2577	0.05%	0.026%
159	12.519	12.501	12.563	VV	171	4206	0.08%	0.042%
160	12.573	12.563	12.591	VV	84	1572	0.03%	0.016%
161	12.606	12.591	12.639	VV	242	4539	0.08%	0.045%
162	12.674	12.639	12.715	VV	189	5389	0.10%	0.054%
163	12.722	12.715	12.737	VV	132	1377	0.03%	0.014%
164	12.844	12.737	12.863	VV	277	12142	0.23%	0.121%
165	12.886	12.863	12.931	VV	325	8152	0.15%	0.081%
166	12.971	12.931	13.000	VV	1492	22259	0.42%	0.221%
167	13.030	13.000	13.120	VV	2573	42610	0.80%	0.423%
168	13.152	13.120	13.227	VV	255	8341	0.16%	0.083%
169	13.308	13.227	13.335	PV	154	6410	0.12%	0.064%
170	13.361	13.335	13.385	VV	162	3351	0.06%	0.033%
171	13.481	13.385	13.808	VV	397874	5359246	100.00%	53.257%
172	13.827	13.808	13.898	VV	744	32757	0.61%	0.326%
173	13.915	13.898	14.007	VV	529	29279	0.55%	0.291%
174	14.066	14.007	14.152	VV	494	34584	0.65%	0.344%
175	14.187	14.152	14.211	VV	1317	25042	0.47%	0.249%
176	14.238	14.211	14.416	VV	2108	63027	1.18%	0.626%
177	14.470	14.416	14.554	VV	299	20240	0.38%	0.201%
178	14.571	14.554	14.636	VV	242	10496	0.20%	0.104%
179	14.688	14.636	14.778	VV	1089	36028	0.67%	0.358%
180	14.806	14.778	14.898	VV	703	22851	0.43%	0.227%
181	14.911	14.898	14.938	VV	247	4619	0.09%	0.046%
182	14.968	14.938	15.041	VV	278	10747	0.20%	0.107%
183	15.062	15.041	15.084	VV	126	2659	0.05%	0.026%
184	15.157	15.084	15.181	VV	120	5893	0.11%	0.059%
185	15.201	15.181	15.223	VV	173	3188	0.06%	0.032%
186	15.238	15.223	15.258	VV	135	1760	0.03%	0.017%
187	15.309	15.258	15.325	VV	596	10730	0.20%	0.107%
188	15.352	15.325	15.495	VV	1758	40450	0.75%	0.402%
189	15.516	15.495	15.605	VV	122	3178	0.06%	0.032%
190	15.621	15.605	15.705	VV	86	2050	0.04%	0.020%
191	15.769	15.705	15.808	PV	105	3715	0.07%	0.037%
192	15.877	15.808	16.048	VV	1126	27366	0.51%	0.272%
193	16.070	16.048	16.138	PV	75	2542	0.05%	0.025%
194	16.151	16.138	16.178	VV	76	1384	0.03%	0.014%

					rterres			
195	16.203	16.178	16.224	VV	117	2361	0.04%	0.023%
196	16.244	16.224	16.295	VV	121	3575	0.07%	0.036%
197	16.382	16.295	16.497	VV	1599	47043	0.88%	0.467%
198	16.517	16.497	16.595	VV	192	6651	0.12%	0.066%
199	16.609	16.595	16.649	VV	120	2675	0.05%	0.027%
200	16.691	16.649	16.718	PV	186	4447	0.08%	0.044%
201	16.736	16.718	16.803	VV	150	3566	0.07%	0.035%
202	16.869	16.803	17.011	VV	1005	26448	0.49%	0.263%
203	17.044	17.011	17.120	PV	122	4908	0.09%	0.049%
204	17.220	17.120	17.262	VV	154	6458	0.12%	0.064%
205	17.337	17.262	17.485	VV	1354	34142	0.64%	0.339%
206	17.553	17.485	17.567	PV	78	1947	0.04%	0.019%
207	17.631	17.567	17.654	VV	106	3754	0.07%	0.037%
208	17.685	17.654	17.700	VV	109	2039	0.04%	0.020%
209	17.792	17.700	17.860	VV	1231	30284	0.57%	0.301%
210	17.885	17.860	17.935	VV	388	7277	0.14%	0.072%
211	18.007	17.935	18.026	VV	146	4808	0.09%	0.048%
212	18.231	18.026	18.331	PV	1278	33448	0.62%	0.332%
213	18.397	18.331	18.429	PV	135	4873	0.09%	0.048%
214	18.508	18.429	18.535	VV	175	3048	0.06%	0.030%
215	18.658	18.535	18.731	VV	1240	26606	0.50%	0.264%
216	18.746	18.731	18.768	VV	109	1438	0.03%	0.014%
217	19.072	18.768	19.138	PV	1074	24464	0.46%	0.243%
218	19.471	19.138	19.525	PV	735	13041	0.24%	0.130%
219	19.860	19.525	19.901	VV	1241	72720	1.36%	0.723%
220	20.160	19.901	20.195	VV	1096	133286	2.49%	1.325%
221	20.237	20.195	20.265	VV	1482	51353	0.96%	0.510%
222	20.503	20.265	20.523	VV	1889	227915	4.25%	2.265%
223	20.605	20.523	20.625	VV	2582	129112	2.41%	1.283%
224	20.977	20.625	21.005	VV	3450	667585	12.46%	6.634%
225	21.109	21.005	21.251	VV	6231	626410	11.69%	6.225%
226	21.270	21.251	21.325	VV	3003	125978	2.35%	1.252%
227	21.375	21.325	21.431	VV	2933	173597	3.24%	1.725%
228	21.487	21.431	21.538	VV	2430	152476	2.85%	1.515%
229	21.555	21.538	21.665	VV	2237	154300	2.88%	1.533%
230	21.741	21.665	21.805	VV	1854	147855	2.76%	1.469%
231	21.836	21.805	21.891	VV	1633	79175	1.48%	0.787%
232	21.944	21.891	22.075	VV	1316	130119	2.43%	1.293%
233	22.101	22.075	22.126	VV	847	25296	0.47%	0.251%
234	22.154	22.126	22.241	VV	760	43951	0.82%	0.437%
235	22.269	22.241	22.291	VV	475	13416	0.25%	0.133%
236	22.357	22.291	22.391	VV	533	26134	0.49%	0.260%
237	22.417	22.391	22.501	VBA	326	21264	0.40%	0.211%

Sum of corrected areas: 10062953

Aliphatic EPH 102925.M Tue Nov 18 03:12:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016723.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 18:31
 Operator : YP\AJ
 Sample : Q3586-02
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SED-2

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 00:34:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 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...	8.010	5264631	46.457 ug/ml
Spiked Amount 50.000		Recovery =	92.91%
6) S 2-Fluorobiphenyl (SURR)	8.885	3530106	49.496 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.99%
11) S ortho-Terphenyl (SURR)	11.952	4332904	29.505 ug/ml
Spiked Amount 50.000		Recovery =	59.01%

Target Compounds

(f)=RT Delta > 1/2 Window

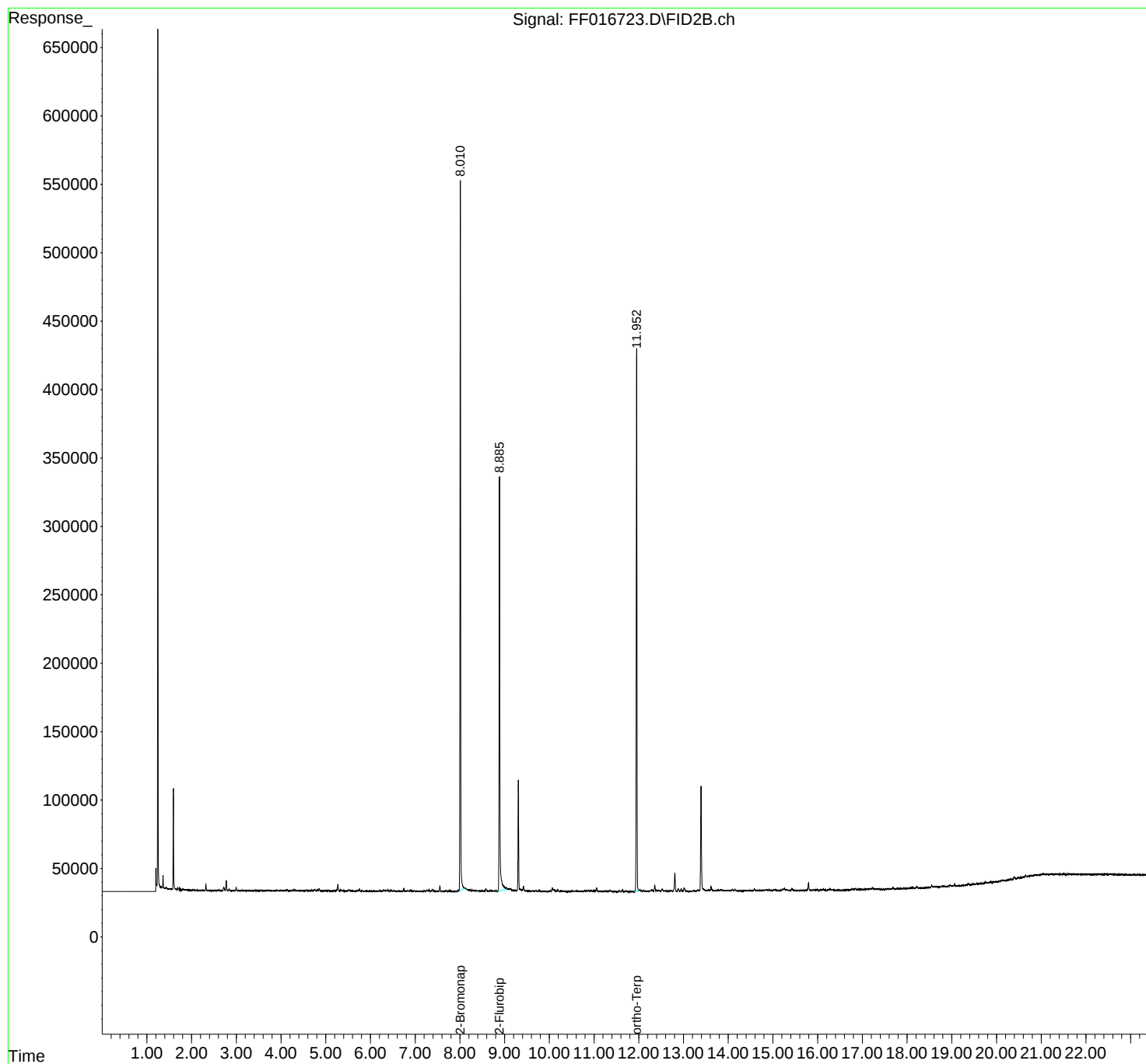
(m)=manual int.

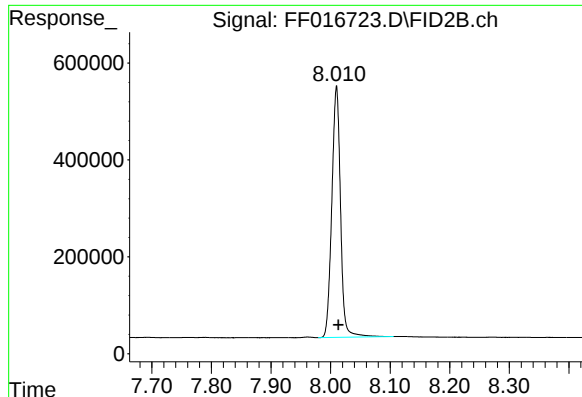
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016723.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 00:34:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

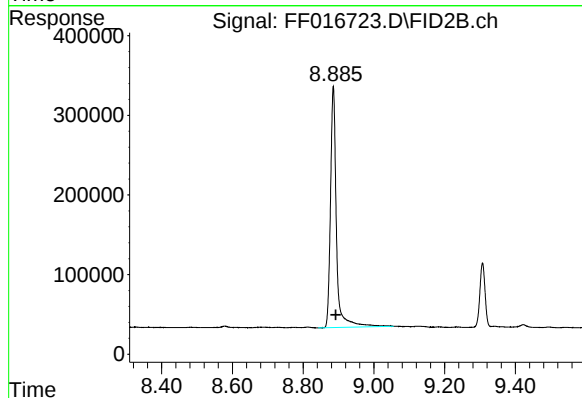




#4 2-Bromonaphthalene (SURR)

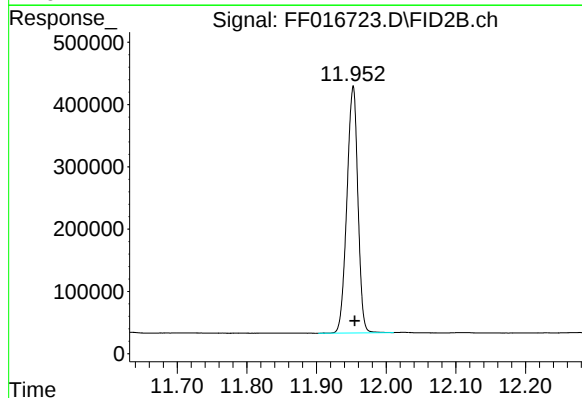
R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 5264631
Conc: 46.46 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-2



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.885 min
Delta R.T.: -0.007 min
Response: 3530106
Conc: 49.50 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.002 min
Response: 4332904
Conc: 29.51 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016723.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 18:31
 Sample : Q3586-02
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.475	4.462	4.496	VV	262	2794	0.05%	0.014%
2	4.501	4.496	4.535	VV	172	1203	0.02%	0.006%
3	4.567	4.543	4.592	PV	1063	11766	0.22%	0.060%
4	4.603	4.592	4.627	VV	367	4038	0.08%	0.021%
5	4.635	4.627	4.653	VV	156	1470	0.03%	0.008%
6	4.678	4.653	4.684	VV	498	4104	0.08%	0.021%
7	4.693	4.684	4.714	VV	453	5324	0.10%	0.027%
8	4.734	4.714	4.742	VV	672	7359	0.14%	0.038%
9	4.757	4.742	4.782	VV	1360	16450	0.31%	0.084%
10	4.788	4.782	4.799	VV	230	1661	0.03%	0.009%
11	4.820	4.799	4.836	VV	971	10950	0.20%	0.056%
12	4.853	4.836	4.876	VV	1674	18257	0.34%	0.094%
13	4.884	4.876	4.908	VV	156	1862	0.03%	0.010%
14	4.931	4.921	4.947	VV	196	1828	0.03%	0.009%
15	4.982	4.947	5.008	VV	562	8684	0.16%	0.045%
16	5.041	5.031	5.054	VV	178	1769	0.03%	0.009%
17	5.069	5.054	5.083	VV	285	3347	0.06%	0.017%
18	5.090	5.083	5.107	VV	136	1355	0.03%	0.007%
19	5.123	5.107	5.133	VV	134	1269	0.02%	0.007%
20	5.143	5.133	5.156	VV	160	1016	0.02%	0.005%
21	5.190	5.156	5.217	PV	368	6556	0.12%	0.034%
22	5.246	5.217	5.253	VV	636	7391	0.14%	0.038%
23	5.272	5.253	5.312	VV	4813	59201	1.10%	0.304%
24	5.333	5.312	5.356	VV	1008	13508	0.25%	0.069%
25	5.359	5.356	5.365	VV	223	1291	0.02%	0.007%
26	5.389	5.365	5.427	VV	344	6830	0.13%	0.035%
27	5.451	5.442	5.467	VV	136	1632	0.03%	0.008%
28	5.479	5.467	5.497	VV	296	3056	0.06%	0.016%
29	5.516	5.497	5.559	VV	1081	18327	0.34%	0.094%
30	5.565	5.559	5.574	VV	301	2369	0.04%	0.012%
31	5.578	5.574	5.616	VV	296	5201	0.10%	0.027%
32	5.644	5.630	5.650	VV	150	1190	0.02%	0.006%
33	5.673	5.650	5.691	VV	320	3552	0.07%	0.018%
34	5.710	5.691	5.727	VV	604	8011	0.15%	0.041%
35	5.755	5.727	5.779	VV	1554	19812	0.37%	0.102%
36	5.816	5.779	5.833	VV	730	7032	0.13%	0.036%

					rteres			
37	5.886	5.847	5.899	VV	264	4925	0.09%	0.025%
38	5.908	5.899	5.958	VV	348	5110	0.10%	0.026%
39	5.975	5.958	5.991	VV	246	2797	0.05%	0.014%
40	6.021	5.991	6.045	VV	349	6829	0.13%	0.035%
41	6.059	6.045	6.066	VV	247	2316	0.04%	0.012%
42	6.080	6.066	6.121	VV	357	6735	0.13%	0.035%
43	6.144	6.135	6.168	VV	170	2115	0.04%	0.011%
44	6.197	6.168	6.230	PV	667	11726	0.22%	0.060%
45	6.245	6.230	6.264	VV	395	5068	0.09%	0.026%
46	6.294	6.264	6.327	VV	917	22503	0.42%	0.115%
47	6.345	6.327	6.369	VV	847	12050	0.22%	0.062%
48	6.390	6.369	6.422	VV	1475	20666	0.39%	0.106%
49	6.455	6.422	6.483	VV	1243	20596	0.38%	0.106%
50	6.492	6.483	6.497	VV	170	1308	0.02%	0.007%
51	6.528	6.497	6.578	VV	571	16166	0.30%	0.083%
52	6.586	6.578	6.619	VV	297	5126	0.10%	0.026%
53	6.635	6.619	6.644	VV	249	2613	0.05%	0.013%
54	6.672	6.644	6.690	VV	224	4388	0.08%	0.023%
55	6.706	6.699	6.718	VV	180	1328	0.02%	0.007%
56	6.745	6.718	6.771	VV	2244	26289	0.49%	0.135%
57	6.776	6.771	6.780	VV	257	1125	0.02%	0.006%
58	6.786	6.780	6.808	VV	296	3403	0.06%	0.017%
59	6.831	6.808	6.852	VV	942	11821	0.22%	0.061%
60	6.868	6.852	6.882	VV	640	6760	0.13%	0.035%
61	6.899	6.882	6.922	VV	1503	17906	0.33%	0.092%
62	6.934	6.922	6.956	VV	507	6144	0.11%	0.032%
63	6.974	6.956	7.005	VV	920	10198	0.19%	0.052%
64	7.031	7.005	7.054	VV	296	4201	0.08%	0.022%
65	7.089	7.075	7.112	VV	243	2613	0.05%	0.013%
66	7.125	7.112	7.137	VV	190	1997	0.04%	0.010%
67	7.153	7.137	7.176	VV	308	3591	0.07%	0.018%
68	7.201	7.176	7.237	PV	954	13223	0.25%	0.068%
69	7.258	7.237	7.271	VV	1275	15687	0.29%	0.081%
70	7.277	7.271	7.292	VV	787	8152	0.15%	0.042%
71	7.322	7.292	7.349	VV	1008	22947	0.43%	0.118%
72	7.386	7.349	7.411	VV	1701	29621	0.55%	0.152%
73	7.426	7.411	7.451	VV	584	6995	0.13%	0.036%
74	7.468	7.451	7.474	VV	247	2371	0.04%	0.012%
75	7.494	7.474	7.516	VV	472	6969	0.13%	0.036%
76	7.552	7.524	7.585	VV	4166	46999	0.88%	0.241%
77	7.614	7.585	7.622	PV	423	4849	0.09%	0.025%
78	7.630	7.622	7.645	VV	472	3956	0.07%	0.020%
79	7.662	7.645	7.674	VV	616	7239	0.13%	0.037%
80	7.694	7.674	7.720	VV	754	11735	0.22%	0.060%
81	7.733	7.720	7.744	VV	277	2797	0.05%	0.014%
82	7.763	7.744	7.775	VV	606	7836	0.15%	0.040%
83	7.789	7.775	7.832	VV	701	8524	0.16%	0.044%
84	7.861	7.832	7.882	VV	241	3768	0.07%	0.019%
85	7.916	7.882	7.920	PV	175	2369	0.04%	0.012%
86	7.926	7.920	7.944	VV	237	1829	0.03%	0.009%
87	7.962	7.944	7.978	VV	1486	15381	0.29%	0.079%
88	8.010	7.978	8.106	VV	519892	5364508	100.00%	27.531%
89	8.113	8.106	8.215	VV	2605	112330	2.09%	0.576%

					rteres			
90	8.223	8.215	8.252	VV	1170	21433	0.40%	0.110%
91	8.270	8.252	8.298	VV	1274	25583	0.48%	0.131%
92	8.306	8.298	8.315	VV	822	8080	0.15%	0.041%
93	8.328	8.315	8.349	VV	1039	16191	0.30%	0.083%
94	8.364	8.349	8.385	VV	739	13890	0.26%	0.071%
95	8.391	8.385	8.396	VV	585	4060	0.08%	0.021%
96	8.408	8.396	8.427	VV	602	9506	0.18%	0.049%
97	8.481	8.427	8.503	VV	851	24260	0.45%	0.125%
98	8.509	8.503	8.514	VV	519	3379	0.06%	0.017%
99	8.519	8.514	8.535	VV	499	5978	0.11%	0.031%
100	8.551	8.535	8.560	VV	596	7534	0.14%	0.039%
101	8.578	8.560	8.602	VV	2233	31482	0.59%	0.162%
102	8.607	8.602	8.623	VV	632	7195	0.13%	0.037%
103	8.627	8.623	8.655	VV	448	7239	0.13%	0.037%
104	8.677	8.655	8.715	VV	842	23634	0.44%	0.121%
105	8.731	8.715	8.754	VV	737	12456	0.23%	0.064%
106	8.772	8.754	8.794	VV	705	12135	0.23%	0.062%
107	8.813	8.794	8.843	VV	1063	15051	0.28%	0.077%
108	8.885	8.843	9.027	VV	303535	3622754	67.53%	18.592%
109	9.040	9.027	9.058	VV	2681	47319	0.88%	0.243%
110	9.064	9.058	9.082	VV	2108	28857	0.54%	0.148%
111	9.091	9.082	9.105	VV	1911	24968	0.47%	0.128%
112	9.125	9.105	9.164	VV	2150	60058	1.12%	0.308%
113	9.183	9.164	9.216	VV	1354	30457	0.57%	0.156%
114	9.233	9.216	9.261	VV	1195	24508	0.46%	0.126%
115	9.265	9.261	9.267	VV	719	2783	0.05%	0.014%
116	9.307	9.267	9.332	VV	81759	853864	15.92%	4.382%
117	9.342	9.332	9.355	VV	2154	25782	0.48%	0.132%
118	9.362	9.355	9.376	VV	1507	16263	0.30%	0.083%
119	9.423	9.376	9.473	VV	4073	91967	1.71%	0.472%
120	9.494	9.473	9.524	VV	1110	20299	0.38%	0.104%
121	9.544	9.524	9.571	VV	794	13932	0.26%	0.071%
122	9.592	9.571	9.602	VV	536	7963	0.15%	0.041%
123	9.606	9.602	9.614	VV	528	3271	0.06%	0.017%
124	9.625	9.614	9.670	VV	719	15692	0.29%	0.081%
125	9.691	9.670	9.700	VV	728	9551	0.18%	0.049%
126	9.709	9.700	9.731	VV	786	10136	0.19%	0.052%
127	9.738	9.731	9.751	VV	324	3099	0.06%	0.016%
128	9.773	9.751	9.816	VV	1565	24876	0.46%	0.128%
129	9.855	9.816	9.889	VV	386	11017	0.21%	0.057%
130	9.912	9.889	9.944	VV	617	8297	0.15%	0.043%
131	9.969	9.944	9.999	VV	345	6638	0.12%	0.034%
132	10.022	9.999	10.046	VV	1177	15032	0.28%	0.077%
133	10.067	10.046	10.097	VV	2664	51685	0.96%	0.265%
134	10.106	10.097	10.168	VV	1553	37751	0.70%	0.194%
135	10.188	10.168	10.229	VV	1637	26649	0.50%	0.137%
136	10.235	10.229	10.241	VV	294	1885	0.04%	0.010%
137	10.262	10.241	10.321	VV	675	21553	0.40%	0.111%
138	10.336	10.321	10.347	VV	438	5120	0.10%	0.026%
139	10.358	10.347	10.405	VV	410	6171	0.12%	0.032%
140	10.430	10.405	10.450	VV	208	3157	0.06%	0.016%
141	10.466	10.450	10.483	VV	371	5063	0.09%	0.026%

					rteres			
142	10.509	10.483	10.532	VV	743	13781	0.26%	0.071%
143	10.537	10.532	10.547	VV	371	2786	0.05%	0.014%
144	10.584	10.547	10.602	VV	797	15845	0.30%	0.081%
145	10.619	10.602	10.642	VV	732	11844	0.22%	0.061%
146	10.669	10.642	10.688	VV	536	10597	0.20%	0.054%
147	10.707	10.688	10.732	VV	484	9632	0.18%	0.049%
148	10.739	10.732	10.751	VV	346	3236	0.06%	0.017%
149	10.752	10.751	10.759	VV	335	1229	0.02%	0.006%
150	10.792	10.759	10.809	VV	880	15326	0.29%	0.079%
151	10.824	10.809	10.843	VV	732	12744	0.24%	0.065%
152	10.865	10.843	10.891	VV	883	19209	0.36%	0.099%
153	10.929	10.891	10.967	VV	862	27902	0.52%	0.143%
154	10.984	10.967	11.007	VV	843	14071	0.26%	0.072%
155	11.024	11.007	11.028	VV	622	7384	0.14%	0.038%
156	11.058	11.028	11.117	VV	2515	50870	0.95%	0.261%
157	11.126	11.117	11.134	VV	434	3690	0.07%	0.019%
158	11.138	11.134	11.141	VV	464	1752	0.03%	0.009%
159	11.148	11.141	11.192	VV	485	10006	0.19%	0.051%
160	11.217	11.192	11.229	VV	484	8442	0.16%	0.043%
161	11.247	11.229	11.286	VV	599	13953	0.26%	0.072%
162	11.300	11.286	11.313	VV	488	6649	0.12%	0.034%
163	11.355	11.313	11.375	VV	1193	24186	0.45%	0.124%
164	11.384	11.375	11.406	VV	421	5351	0.10%	0.027%
165	11.433	11.406	11.451	VV	309	5797	0.11%	0.030%
166	11.472	11.451	11.481	VV	227	2784	0.05%	0.014%
167	11.489	11.481	11.525	VV	152	2279	0.04%	0.012%
168	11.566	11.525	11.604	VV	957	15927	0.30%	0.082%
169	11.634	11.604	11.665	VV	1520	21602	0.40%	0.111%
170	11.685	11.665	11.696	VV	365	5235	0.10%	0.027%
171	11.707	11.696	11.744	VV	531	10639	0.20%	0.055%
172	11.750	11.744	11.777	VV	206	2252	0.04%	0.012%
173	11.791	11.777	11.806	VV	227	2070	0.04%	0.011%
174	11.824	11.806	11.839	PV	209	2467	0.05%	0.013%
175	11.848	11.839	11.853	VV	224	1437	0.03%	0.007%
176	11.864	11.853	11.878	VV	263	2600	0.05%	0.013%
177	11.882	11.878	11.903	VV	181	1231	0.02%	0.006%
178	11.953	11.903	12.011	PV	396464	4364737	81.36%	22.400%
179	12.025	12.011	12.087	VV	1391	36358	0.68%	0.187%
180	12.116	12.087	12.141	VV	991	21255	0.40%	0.109%
181	12.155	12.141	12.176	VV	391	7202	0.13%	0.037%
182	12.191	12.176	12.194	VV	371	3357	0.06%	0.017%
183	12.211	12.194	12.220	VV	471	6112	0.11%	0.031%
184	12.229	12.220	12.245	VV	544	7061	0.13%	0.036%
185	12.298	12.245	12.321	VV	1456	41371	0.77%	0.212%
186	12.359	12.321	12.385	VV	4758	72602	1.35%	0.373%
187	12.399	12.385	12.423	VV	1210	19841	0.37%	0.102%
188	12.442	12.423	12.451	VV	815	10929	0.20%	0.056%
189	12.456	12.451	12.461	VV	728	4139	0.08%	0.021%
190	12.465	12.461	12.485	VV	736	7623	0.14%	0.039%
191	12.525	12.485	12.556	VV	1903	42458	0.79%	0.218%
192	12.586	12.556	12.626	VV	732	22303	0.42%	0.114%
193	12.629	12.626	12.638	VV	411	2697	0.05%	0.014%
194	12.662	12.638	12.677	VV	582	10254	0.19%	0.053%

					rterres			
195	12.684	12.677	12.695	VV	546	5411	0.10%	0.028%
196	12.720	12.695	12.756	VV	675	20289	0.38%	0.104%
197	12.808	12.756	12.854	VV	13416	191342	3.57%	0.982%
198	12.883	12.854	12.919	VV	2105	35973	0.67%	0.185%
199	12.947	12.919	12.969	VV	1928	26669	0.50%	0.137%
200	13.016	12.969	13.055	VV	2692	57673	1.08%	0.296%
201	13.070	13.055	13.131	VV	339	7640	0.14%	0.039%
202	13.143	13.131	13.147	VV	200	1033	0.02%	0.005%
203	13.152	13.147	13.177	VV	146	1817	0.03%	0.009%
204	13.234	13.177	13.256	VV	516	15018	0.28%	0.077%
205	13.266	13.256	13.291	VV	377	4651	0.09%	0.024%
206	13.313	13.291	13.342	VV	1137	22871	0.43%	0.117%
207	13.346	13.342	13.358	VV	686	6002	0.11%	0.031%
208	13.393	13.358	13.507	VV	77152	1037560	19.34%	5.325%
209	13.518	13.507	13.526	VV	746	7464	0.14%	0.038%
210	13.529	13.526	13.541	VV	708	5951	0.11%	0.031%
211	13.561	13.541	13.575	VV	1098	17669	0.33%	0.091%
212	13.579	13.575	13.589	VV	821	6692	0.12%	0.034%
213	13.617	13.589	13.661	VV	3255	65200	1.22%	0.335%
214	13.676	13.661	13.741	VV	788	26195	0.49%	0.134%
215	13.765	13.741	13.796	VV	989	24614	0.46%	0.126%
216	13.834	13.796	13.847	VV	1074	25363	0.47%	0.130%
217	13.852	13.847	13.881	VV	1088	13810	0.26%	0.071%
218	13.899	13.881	13.939	VV	574	15984	0.30%	0.082%
219	13.945	13.939	13.964	VV	508	6297	0.12%	0.032%
220	14.018	13.964	14.046	VV	751	24121	0.45%	0.124%
221	14.098	14.046	14.122	VV	1434	33308	0.62%	0.171%
222	14.150	14.122	14.177	VV	1486	24802	0.46%	0.127%
223	14.182	14.177	14.227	VV	449	8708	0.16%	0.045%
224	14.234	14.227	14.259	VV	230	3962	0.07%	0.020%
225	14.270	14.259	14.300	VV	272	4191	0.08%	0.022%
226	14.377	14.335	14.404	VV	354	9043	0.17%	0.046%
227	14.420	14.404	14.436	VV	281	4258	0.08%	0.022%
228	14.446	14.436	14.463	VV	270	3563	0.07%	0.018%
229	14.487	14.463	14.506	VV	419	7767	0.14%	0.040%
230	14.515	14.506	14.523	VV	247	2117	0.04%	0.011%
231	14.537	14.523	14.554	VV	257	3954	0.07%	0.020%
232	14.589	14.554	14.629	VV	1401	32459	0.61%	0.167%
233	14.634	14.629	14.664	VV	562	10380	0.19%	0.053%
234	14.671	14.664	14.692	VV	470	7062	0.13%	0.036%
235	14.714	14.692	14.735	VV	662	11664	0.22%	0.060%
236	14.740	14.735	14.749	VV	339	2653	0.05%	0.014%
237	14.769	14.749	14.790	VV	445	9147	0.17%	0.047%
238	14.801	14.790	14.804	VV	558	4329	0.08%	0.022%
239	14.860	14.804	14.895	VV	809	33839	0.63%	0.174%
240	14.922	14.895	14.949	VV	980	20027	0.37%	0.103%
241	14.970	14.949	14.994	VV	534	11094	0.21%	0.057%
242	15.031	14.994	15.050	VV	755	19606	0.37%	0.101%
243	15.061	15.050	15.090	VV	782	12679	0.24%	0.065%
244	15.093	15.090	15.142	VV	336	8515	0.16%	0.044%
245	15.172	15.142	15.187	VV	606	10798	0.20%	0.055%
246	15.213	15.187	15.224	VV	1236	18323	0.34%	0.094%

					rteres			
247	15.256	15.224	15.292	VV	1702	44850	0.84%	0.230%
248	15.314	15.292	15.357	VV	1097	23349	0.44%	0.120%
249	15.382	15.357	15.400	VV	467	8080	0.15%	0.041%
250	15.425	15.400	15.469	VV	1919	34534	0.64%	0.177%
251	15.478	15.469	15.496	VV	594	3844	0.07%	0.020%
252	15.500	15.496	15.514	VV	212	1319	0.02%	0.007%
253	15.529	15.514	15.544	VV	192	2006	0.04%	0.010%
254	15.571	15.544	15.594	VV	250	4483	0.08%	0.023%
255	15.623	15.594	15.656	VV	366	7077	0.13%	0.036%
256	15.687	15.656	15.715	VV	322	7302	0.14%	0.037%
257	15.750	15.715	15.755	VV	360	6178	0.12%	0.032%
258	15.795	15.755	15.828	VV	5705	85131	1.59%	0.437%
259	16.835	15.828	15.870	VV	374	6077	0.11%	0.031%
260	15.899	15.870	15.932	VV	779	17830	0.33%	0.092%
261	15.940	15.932	15.960	VV	440	6627	0.12%	0.034%
262	15.989	15.960	16.041	VV	840	21769	0.41%	0.112%
263	16.045	16.041	16.057	VV	383	3081	0.06%	0.016%
264	16.063	16.057	16.069	VV	377	2593	0.05%	0.013%
265	16.073	16.069	16.076	VV	491	1744	0.03%	0.009%
266	16.094	16.076	16.101	VV	550	7156	0.13%	0.037%
267	16.134	16.101	16.157	VV	880	20401	0.38%	0.105%
268	16.172	16.157	16.204	VV	392	6871	0.13%	0.035%
269	16.209	16.204	16.216	VV	191	1166	0.02%	0.006%
270	16.239	16.216	16.260	VV	981	15583	0.29%	0.080%
271	16.281	16.260	16.313	VV	1224	22431	0.42%	0.115%
272	16.332	16.313	16.404	VV	628	17841	0.33%	0.092%
273	16.412	16.404	16.424	VV	126	1348	0.03%	0.007%
274	16.428	16.424	16.441	VV	170	1130	0.02%	0.006%
275	16.457	16.441	16.482	VV	243	4440	0.08%	0.023%
276	16.492	16.482	16.513	VV	235	2481	0.05%	0.013%
277	16.519	16.513	16.551	PV	191	2712	0.05%	0.014%
278	16.564	16.551	16.569	VV	174	1434	0.03%	0.007%
279	16.582	16.569	16.606	VV	216	3466	0.06%	0.018%
280	16.664	16.606	16.673	VV	252	6671	0.12%	0.034%
281	16.677	16.673	16.686	VV	204	1282	0.02%	0.007%
282	16.720	16.686	16.743	VV	303	7268	0.14%	0.037%
283	16.768	16.743	16.801	VV	1068	23655	0.44%	0.121%
284	16.807	16.801	16.822	VV	670	8015	0.15%	0.041%
285	16.846	16.822	16.875	VV	1309	25882	0.48%	0.133%
286	16.881	16.875	16.888	VV	429	3213	0.06%	0.016%
287	16.898	16.888	16.902	VV	476	3454	0.06%	0.018%
288	16.920	16.902	16.934	VV	604	10413	0.19%	0.053%
289	16.940	16.934	16.949	VV	544	4455	0.08%	0.023%
290	16.957	16.949	16.967	VV	578	5519	0.10%	0.028%
291	16.971	16.967	16.979	VV	536	3287	0.06%	0.017%
292	16.982	16.979	17.006	VV	467	6865	0.13%	0.035%
293	17.009	17.006	17.017	VV	456	2453	0.05%	0.013%
294	17.024	17.017	17.032	VV	433	3373	0.06%	0.017%
295	17.038	17.032	17.044	VV	380	2455	0.05%	0.013%
296	17.053	17.044	17.065	VV	440	4662	0.09%	0.024%
297	17.090	17.065	17.111	VV	578	12741	0.24%	0.065%
298	17.119	17.111	17.126	VV	598	4904	0.09%	0.025%
299	17.130	17.126	17.141	VV	612	4308	0.08%	0.022%

					rterres			
300	17.165	17.141	17.179	VV	682	12954	0.24%	0.066%
301	17.209	17.179	17.214	VV	973	14768	0.28%	0.076%
302	17.232	17.214	17.266	VV	1179	24372	0.45%	0.125%
303	17.281	17.266	17.296	VV	625	9563	0.18%	0.049%
304	17.312	17.296	17.332	VV	695	10990	0.20%	0.056%
305	17.335	17.332	17.346	VV	384	2610	0.05%	0.013%
306	17.349	17.346	17.366	VV	338	3032	0.06%	0.016%
307	17.387	17.373	17.402	VV	218	3149	0.06%	0.016%
308	17.423	17.414	17.448	VV	189	2276	0.04%	0.012%
309	17.472	17.461	17.492	PV	197	1601	0.03%	0.008%
310	17.514	17.501	17.522	VV	168	1551	0.03%	0.008%
311	17.565	17.522	17.594	VV	408	9330	0.17%	0.048%
312	17.614	17.594	17.619	VV	139	1679	0.03%	0.009%
313	17.646	17.633	17.652	VV	232	1981	0.04%	0.010%
314	17.687	17.652	17.722	VV	981	19704	0.37%	0.101%
315	17.729	17.722	17.739	VV	160	1110	0.02%	0.006%
316	17.747	17.739	17.759	VV	142	1380	0.03%	0.007%
317	17.782	17.759	17.819	VV	381	9810	0.18%	0.050%
318	17.836	17.824	17.849	VV	203	2451	0.05%	0.013%
319	17.855	17.849	17.865	VV	224	1745	0.03%	0.009%
320	17.898	17.865	17.910	VV	195	4245	0.08%	0.022%
321	17.943	17.910	17.959	VV	293	5641	0.11%	0.029%
322	17.964	17.959	17.980	VV	186	1740	0.03%	0.009%
323	17.986	17.980	18.005	VV	103	1149	0.02%	0.006%
324	18.051	18.019	18.059	VV	249	4301	0.08%	0.022%
325	18.124	18.059	18.155	VV	1150	28657	0.53%	0.147%
326	18.167	18.155	18.172	VV	216	1679	0.03%	0.009%
327	18.216	18.172	18.261	VV	1099	24057	0.45%	0.123%
328	18.270	18.261	18.292	VV	325	4619	0.09%	0.024%
329	18.298	18.292	18.316	VV	211	2215	0.04%	0.011%
330	18.346	18.338	18.367	VV	138	1481	0.03%	0.008%
331	18.419	18.381	18.424	PV	199	3179	0.06%	0.016%
332	18.450	18.424	18.467	VV	325	4675	0.09%	0.024%
333	18.501	18.467	18.507	VV	308	3837	0.07%	0.020%
334	18.549	18.512	18.594	VV	1332	32308	0.60%	0.166%
335	18.601	18.594	18.619	VV	505	6043	0.11%	0.031%
336	18.641	18.619	18.665	VV	517	10211	0.19%	0.052%
337	18.677	18.665	18.705	VV	280	4614	0.09%	0.024%
338	18.792	18.731	18.851	PBA	466	15411	0.29%	0.079%

Sum of corrected areas: 19485451

Aromatic EPH 102925.M Tue Nov 18 01:15:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016930.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-2

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Nov 18 01:22:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
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...	13.481	4466629	37.088 ug/ml
Spiked Amount 50.000		Recovery =	74.18%

Target Compounds

(f)=RT Delta > 1/2 Window

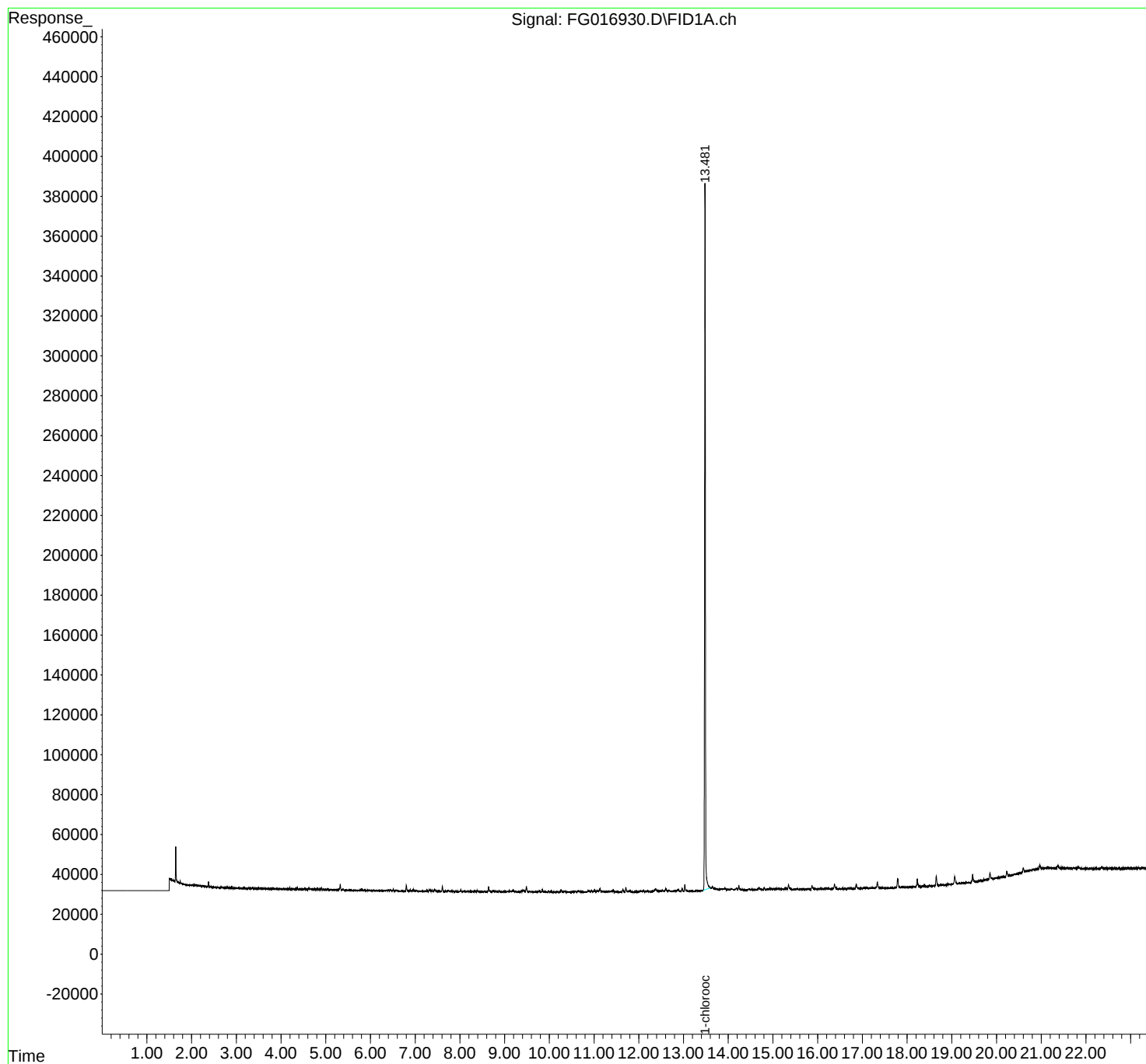
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016930.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 18:31
Operator : YP\AJ
Sample : Q3586-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-2

Integration File: autoint1.e
Quant Time: Nov 18 01:22:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

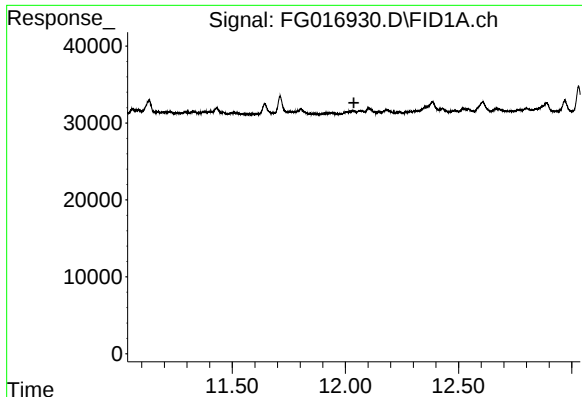
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



#9 ortho-Terphenyl (SURR)

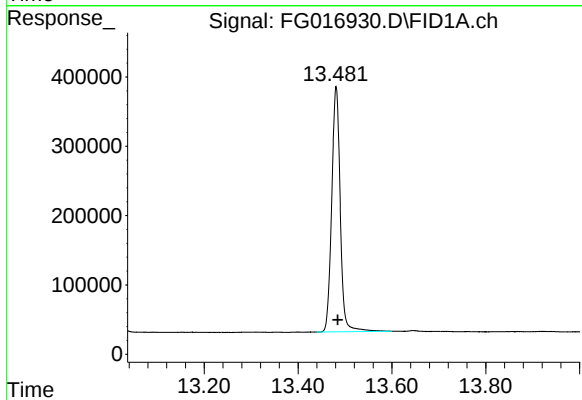
R.T.: 0.000 min
Exp R.T.: 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SED-2



#12 1-chlorooctadecane (SURR)

R.T.: 13.481 min
Delta R.T.: -0.004 min
Response: 4466629
Conc: 37.09 ug/ml



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
 Data File : FG016930.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2025 18:31
 Sample : Q3586-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.241	3.222	3.288	BV	59	1156	0.03%	0.010%
2	3.290	3.288	3.330	PV	68	461	0.01%	0.004%
3	3.363	3.330	3.420	VV	297	4161	0.09%	0.036%
4	3.428	3.420	3.465	VV	57	1067	0.02%	0.009%
5	3.475	3.465	3.492	VV	84	769	0.02%	0.007%
6	3.509	3.492	3.518	VV	93	976	0.02%	0.008%
7	3.529	3.518	3.578	VV	86	1399	0.03%	0.012%
8	3.604	3.578	3.645	VV	101	2954	0.06%	0.026%
9	3.648	3.645	3.662	VV	103	760	0.02%	0.007%
10	3.685	3.662	3.703	VV	159	2365	0.05%	0.020%
11	3.716	3.703	3.731	VV	99	1187	0.03%	0.010%
12	3.754	3.731	3.788	VV	225	3176	0.07%	0.027%
13	3.814	3.788	3.837	VV	208	2549	0.06%	0.022%
14	3.849	3.837	3.934	VV	97	4260	0.09%	0.037%
15	3.953	3.934	4.034	VV	168	4806	0.10%	0.042%
16	4.058	4.034	4.068	VV	143	1987	0.04%	0.017%
17	4.078	4.068	4.124	VV	169	2215	0.05%	0.019%
18	4.136	4.124	4.142	VV	97	702	0.02%	0.006%
19	4.157	4.142	4.174	VV	317	3651	0.08%	0.032%
20	4.192	4.174	4.222	VV	567	7578	0.16%	0.066%
21	4.230	4.222	4.250	VV	111	1404	0.03%	0.012%
22	4.270	4.250	4.315	VV	248	4727	0.10%	0.041%
23	4.328	4.315	4.337	VV	168	1800	0.04%	0.016%
24	4.363	4.337	4.385	VV	561	8364	0.18%	0.072%
25	4.390	4.385	4.408	VV	172	1505	0.03%	0.013%
26	4.422	4.408	4.458	VV	133	3589	0.08%	0.031%
27	4.498	4.458	4.512	VV	186	4345	0.09%	0.038%
28	4.531	4.512	4.558	VV	384	6851	0.15%	0.059%
29	4.568	4.558	4.605	VV	229	4616	0.10%	0.040%
30	4.621	4.605	4.683	VV	900	16262	0.35%	0.141%
31	4.695	4.683	4.722	VV	193	3797	0.08%	0.033%
32	4.745	4.722	4.772	VV	434	8833	0.19%	0.076%
33	4.779	4.772	4.785	VV	199	1430	0.03%	0.012%
34	4.809	4.785	4.854	VV	830	14392	0.31%	0.125%
35	4.873	4.854	4.888	VV	709	8233	0.18%	0.071%
36	4.906	4.888	4.948	VV	1092	14688	0.32%	0.127%

					rt	Area	Height	%Area	%Height
37	4.973	4.948	4.999	VV	223	5606	0.12%	0.049%	
38	5.037	4.999	5.075	VV	400	9779	0.21%	0.085%	
39	5.079	5.075	5.110	VV	224	3836	0.08%	0.033%	
40	5.119	5.110	5.176	VV	229	5818	0.13%	0.050%	
41	5.185	5.176	5.198	VV	137	1433	0.03%	0.012%	
42	5.238	5.198	5.277	VV	291	7941	0.17%	0.069%	
43	5.325	5.277	5.360	VV	2938	41838	0.91%	0.362%	
44	5.387	5.360	5.419	VV	689	10927	0.24%	0.095%	
45	5.443	5.419	5.485	VV	288	4989	0.11%	0.043%	
46	5.534	5.485	5.558	PV	179	5507	0.12%	0.048%	
47	5.571	5.558	5.603	VV	162	2818	0.06%	0.024%	
48	5.613	5.603	5.629	PV	109	1301	0.03%	0.011%	
49	5.645	5.629	5.698	VV	139	4391	0.10%	0.038%	
50	5.729	5.698	5.748	VV	261	4194	0.09%	0.036%	
51	5.766	5.748	5.792	VV	489	7605	0.17%	0.066%	
52	5.807	5.792	5.852	VV	980	13161	0.29%	0.114%	
53	5.869	5.852	5.905	VV	286	4942	0.11%	0.043%	
54	5.955	5.905	6.015	VV	306	10080	0.22%	0.087%	
55	6.025	6.015	6.046	VV	163	1618	0.04%	0.014%	
56	6.074	6.046	6.112	VV	290	5089	0.11%	0.044%	
57	6.134	6.112	6.166	VV	271	4068	0.09%	0.035%	
58	6.201	6.166	6.227	VV	155	2471	0.05%	0.021%	
59	6.247	6.227	6.268	PV	277	2847	0.06%	0.025%	
60	6.298	6.268	6.324	VV	232	4043	0.09%	0.035%	
61	6.360	6.324	6.382	VV	493	9149	0.20%	0.079%	
62	6.399	6.382	6.425	VV	605	7967	0.17%	0.069%	
63	6.445	6.425	6.487	VV	912	14108	0.31%	0.122%	
64	6.508	6.487	6.545	VV	848	11492	0.25%	0.099%	
65	6.577	6.545	6.612	VV	332	7930	0.17%	0.069%	
66	6.622	6.612	6.660	VV	114	1936	0.04%	0.017%	
67	6.687	6.660	6.705	VV	124	1528	0.03%	0.013%	
68	6.712	6.705	6.722	VV	208	626	0.01%	0.005%	
69	6.731	6.722	6.751	VV	81	805	0.02%	0.007%	
70	6.762	6.751	6.768	VV	61	494	0.01%	0.004%	
71	6.801	6.768	6.872	VV	3045	44651	0.97%	0.386%	
72	6.886	6.872	6.908	VV	686	7961	0.17%	0.069%	
73	6.924	6.908	6.937	VV	360	4399	0.10%	0.038%	
74	6.955	6.937	6.977	VV	1052	12886	0.28%	0.112%	
75	6.990	6.977	7.012	VV	402	5666	0.12%	0.049%	
76	7.029	7.012	7.065	VV	620	8320	0.18%	0.072%	
77	7.088	7.065	7.122	VV	188	3575	0.08%	0.031%	
78	7.143	7.122	7.188	VV	229	4380	0.10%	0.038%	
79	7.215	7.188	7.237	VV	187	2898	0.06%	0.025%	
80	7.258	7.237	7.292	PV	618	8201	0.18%	0.071%	
81	7.314	7.292	7.330	VV	773	11462	0.25%	0.099%	
82	7.338	7.330	7.352	VV	679	6273	0.14%	0.054%	
83	7.376	7.352	7.407	VV	651	14094	0.31%	0.122%	
84	7.442	7.407	7.466	VV	988	18837	0.41%	0.163%	
85	7.483	7.466	7.507	VV	413	5245	0.11%	0.045%	
86	7.523	7.507	7.534	VV	174	2088	0.05%	0.018%	
87	7.551	7.534	7.580	VV	303	5031	0.11%	0.044%	
88	7.608	7.580	7.648	VV	2663	32145	0.70%	0.278%	
89	7.685	7.648	7.705	VV	348	8087	0.18%	0.070%	

					rterres			
90	7.718	7.705	7.730	VV	423	4394	0.10%	0.038%
91	7.752	7.730	7.799	VV	568	12808	0.28%	0.111%
92	7.818	7.799	7.832	VV	427	5898	0.13%	0.051%
93	7.845	7.832	7.878	VV	445	5724	0.12%	0.050%
94	7.915	7.878	7.955	VV	188	5052	0.11%	0.044%
95	7.965	7.955	7.986	VV	127	1749	0.04%	0.015%
96	8.019	7.986	8.062	VV	993	13369	0.29%	0.116%
97	8.106	8.062	8.115	VV	195	4605	0.10%	0.040%
98	8.121	8.115	8.149	VV	251	2841	0.06%	0.025%
99	8.189	8.149	8.209	VV	293	5983	0.13%	0.052%
100	8.218	8.209	8.229	VV	159	1369	0.03%	0.012%
101	8.245	8.229	8.270	VV	150	2392	0.05%	0.021%
102	8.283	8.270	8.312	VV	140	2405	0.05%	0.021%
103	8.332	8.312	8.365	PV	541	7548	0.16%	0.065%
104	8.388	8.365	8.410	VV	841	10827	0.24%	0.094%
105	8.426	8.410	8.445	VV	240	3971	0.09%	0.034%
106	8.460	8.445	8.499	VV	196	3857	0.08%	0.033%
107	8.508	8.499	8.518	VV	111	926	0.02%	0.008%
108	8.547	8.518	8.614	VV	347	9249	0.20%	0.080%
109	8.641	8.614	8.713	VV	2704	44974	0.98%	0.389%
110	8.754	8.713	8.772	VV	479	12779	0.28%	0.111%
111	8.791	8.772	8.818	VV	503	9342	0.20%	0.081%
112	8.835	8.818	8.858	VV	420	5814	0.13%	0.050%
113	8.876	8.858	8.915	VV	588	7650	0.17%	0.066%
114	8.994	8.915	9.039	PV	404	12835	0.28%	0.111%
115	9.067	9.039	9.082	VV	267	5750	0.13%	0.050%
116	9.104	9.082	9.120	VV	548	8920	0.19%	0.077%
117	9.136	9.120	9.146	VV	426	5740	0.12%	0.050%
118	9.190	9.146	9.230	VV	872	25871	0.56%	0.224%
119	9.249	9.230	9.282	VV	451	6700	0.15%	0.058%
120	9.301	9.282	9.332	VV	353	5657	0.12%	0.049%
121	9.340	9.332	9.348	VV	164	1275	0.03%	0.011%
122	9.374	9.348	9.392	VV	663	9764	0.21%	0.085%
123	9.407	9.392	9.458	VV	1084	24488	0.53%	0.212%
124	9.488	9.458	9.532	VV	2731	44762	0.97%	0.387%
125	9.561	9.532	9.587	VV	659	9513	0.21%	0.082%
126	9.610	9.587	9.646	VV	456	7161	0.16%	0.062%
127	9.663	9.646	9.677	VV	167	2519	0.05%	0.022%
128	9.694	9.677	9.740	VV	311	8295	0.18%	0.072%
129	9.776	9.740	9.818	VV	598	13975	0.30%	0.121%
130	9.842	9.818	9.885	VV	1172	18647	0.41%	0.161%
131	9.914	9.885	9.935	VV	230	5258	0.11%	0.046%
132	9.941	9.935	9.961	VV	166	1923	0.04%	0.017%
133	9.985	9.961	10.014	VV	581	9326	0.20%	0.081%
134	10.038	10.014	10.088	VV	606	11037	0.24%	0.096%
135	10.098	10.088	10.116	VV	175	1627	0.04%	0.014%
136	10.128	10.116	10.139	VV	80	729	0.02%	0.006%
137	10.181	10.139	10.217	PV	416	6941	0.15%	0.060%
138	10.227	10.217	10.238	VV	173	1796	0.04%	0.016%
139	10.260	10.238	10.311	VV	1304	21505	0.47%	0.186%
140	10.332	10.311	10.396	VV	436	14980	0.33%	0.130%
141	10.407	10.396	10.455	VV	213	4640	0.10%	0.040%

					rteres			
142	10.538	10.455	10.558	PV	300	6520	0.14%	0.056%
143	10.581	10.558	10.602	VV	551	8766	0.19%	0.076%
144	10.609	10.602	10.621	VV	274	2584	0.06%	0.022%
145	10.654	10.621	10.675	VV	708	13707	0.30%	0.119%
146	10.692	10.675	10.714	VV	569	9269	0.20%	0.080%
147	10.742	10.714	10.786	VV	453	11135	0.24%	0.096%
148	10.796	10.786	10.832	VV	178	4008	0.09%	0.035%
149	10.865	10.832	10.879	VV	600	10254	0.22%	0.089%
150	10.897	10.879	10.917	VV	488	9126	0.20%	0.079%
151	10.944	10.917	10.966	VV	702	14747	0.32%	0.128%
152	11.006	10.966	11.040	VV	886	24958	0.54%	0.216%
153	11.061	11.040	11.078	VV	746	12708	0.28%	0.110%
154	11.084	11.078	11.101	VV	636	7520	0.16%	0.065%
155	11.132	11.101	11.192	VV	1915	41569	0.90%	0.360%
156	11.222	11.192	11.243	VV	414	10153	0.22%	0.088%
157	11.258	11.243	11.270	VV	254	3344	0.07%	0.029%
158	11.293	11.270	11.315	VV	314	7047	0.15%	0.061%
159	11.328	11.315	11.355	VV	432	7745	0.17%	0.067%
160	11.375	11.355	11.388	VV	417	6636	0.14%	0.057%
161	11.401	11.388	11.410	VV	410	4881	0.11%	0.042%
162	11.431	11.410	11.452	VV	909	13784	0.30%	0.119%
163	11.460	11.452	11.479	VV	310	3392	0.07%	0.029%
164	11.508	11.479	11.551	VV	272	6918	0.15%	0.060%
165	11.564	11.551	11.602	VV	114	1987	0.04%	0.017%
166	11.643	11.602	11.685	VV	1426	23437	0.51%	0.203%
167	11.711	11.685	11.742	VV	2379	35093	0.76%	0.304%
168	11.759	11.742	11.775	VV	394	6842	0.15%	0.059%
169	11.804	11.775	11.865	VV	738	17075	0.37%	0.148%
170	11.870	11.865	11.888	VV	145	941	0.02%	0.008%
171	11.941	11.888	11.972	PV	192	5989	0.13%	0.052%
172	12.030	11.972	12.052	VV	395	12250	0.27%	0.106%
173	12.103	12.052	12.158	VV	747	24497	0.53%	0.212%
174	12.181	12.158	12.222	VV	533	12673	0.28%	0.110%
175	12.237	12.222	12.258	VV	281	3711	0.08%	0.032%
176	12.306	12.258	12.325	VV	397	11249	0.24%	0.097%
177	12.384	12.325	12.412	VV	1560	45430	0.99%	0.393%
178	12.428	12.412	12.456	VV	664	11787	0.26%	0.102%
179	12.482	12.456	12.502	VV	375	7570	0.16%	0.066%
180	12.522	12.502	12.538	VV	642	10332	0.22%	0.089%
181	12.543	12.538	12.568	VV	560	6888	0.15%	0.060%
182	12.606	12.568	12.643	VV	1431	33414	0.73%	0.289%
183	12.668	12.643	12.742	VV	606	19839	0.43%	0.172%
184	12.764	12.742	12.778	VV	374	6757	0.15%	0.058%
185	12.799	12.778	12.825	VV	567	12436	0.27%	0.108%
186	12.889	12.825	12.935	VV	1264	37514	0.82%	0.325%
187	12.969	12.935	13.001	VV	1573	24868	0.54%	0.215%
188	13.030	13.001	13.082	VV	3394	51323	1.12%	0.444%
189	13.092	13.082	13.133	VV	317	6763	0.15%	0.059%
190	13.153	13.133	13.259	VV	312	11061	0.24%	0.096%
191	13.309	13.259	13.342	PV	397	13490	0.29%	0.117%
192	13.357	13.342	13.373	VV	317	4418	0.10%	0.038%
193	13.400	13.373	13.409	VV	445	6680	0.15%	0.058%
194	13.481	13.409	13.624	VV	355055	4598915	100.00%	39.803%

					rteres			
195	13.646	13.624	13.679	VV	2531	59264	1.29%	0.513%
196	13.695	13.679	13.745	VV	1423	47706	1.04%	0.413%
197	13.762	13.745	13.805	VV	1024	31302	0.68%	0.271%
198	13.824	13.805	13.834	VV	943	14864	0.32%	0.129%
199	13.855	13.834	13.898	VV	1004	36859	0.80%	0.319%
200	13.921	13.898	13.933	VV	1230	23148	0.50%	0.200%
201	13.937	13.933	13.972	VV	1125	19153	0.42%	0.166%
202	13.989	13.972	14.015	VV	708	16425	0.36%	0.142%
203	14.031	14.015	14.045	VV	763	12405	0.27%	0.107%
204	14.070	14.045	14.127	VV	965	38638	0.84%	0.334%
205	14.145	14.127	14.154	VV	753	10722	0.23%	0.093%
206	14.185	14.154	14.212	VV	1406	30992	0.67%	0.268%
207	14.238	14.212	14.278	VV	2681	49108	1.07%	0.425%
208	14.291	14.278	14.312	VV	630	10688	0.23%	0.092%
209	14.332	14.312	14.366	VV	485	13048	0.28%	0.113%
210	14.387	14.366	14.412	VV	368	8164	0.18%	0.071%
211	14.472	14.412	14.518	VV	791	30146	0.66%	0.261%
212	14.539	14.518	14.562	VV	469	11007	0.24%	0.095%
213	14.574	14.562	14.588	VV	508	7145	0.16%	0.062%
214	14.627	14.588	14.638	VV	543	13721	0.30%	0.119%
215	14.683	14.638	14.781	VV	1226	58246	1.27%	0.504%
216	14.805	14.781	14.846	VV	1357	28472	0.62%	0.246%
217	14.874	14.846	14.887	VV	594	13025	0.28%	0.113%
218	14.923	14.887	14.949	VV	765	25746	0.56%	0.223%
219	14.964	14.949	14.988	VV	771	15989	0.35%	0.138%
220	15.006	14.988	15.039	VV	696	17201	0.37%	0.149%
221	15.062	15.039	15.080	VV	714	14324	0.31%	0.124%
222	15.124	15.080	15.142	VV	779	23387	0.51%	0.202%
223	15.157	15.142	15.176	VV	729	12295	0.27%	0.106%
224	15.197	15.176	15.220	VV	666	14239	0.31%	0.123%
225	15.231	15.220	15.252	VV	444	7888	0.17%	0.068%
226	15.271	15.252	15.288	VV	1086	15994	0.35%	0.138%
227	15.305	15.288	15.324	VV	924	15639	0.34%	0.135%
228	15.349	15.324	15.397	VV	2527	50677	1.10%	0.439%
229	15.404	15.397	15.462	VV	468	12170	0.26%	0.105%
230	15.481	15.462	15.500	VV	266	4973	0.11%	0.043%
231	15.543	15.500	15.578	VV	395	14797	0.32%	0.128%
232	15.625	15.578	15.644	VV	360	11015	0.24%	0.095%
233	15.687	15.644	15.717	VV	295	8445	0.18%	0.073%
234	15.740	15.717	15.755	VV	308	4743	0.10%	0.041%
235	15.776	15.755	15.814	VV	378	10000	0.22%	0.087%
236	15.874	15.814	15.961	VV	2044	52792	1.15%	0.457%
237	15.994	15.961	16.032	VV	291	10576	0.23%	0.092%
238	16.053	16.032	16.125	VV	514	18544	0.40%	0.160%
239	16.144	16.125	16.154	VV	268	3997	0.09%	0.035%
240	16.183	16.154	16.215	VV	552	15609	0.34%	0.135%
241	16.230	16.215	16.292	VV	539	15635	0.34%	0.135%
242	16.299	16.292	16.308	VV	199	1470	0.03%	0.013%
243	16.339	16.308	16.352	VV	449	7485	0.16%	0.065%
244	16.378	16.352	16.458	VV	2618	54918	1.19%	0.475%
245	16.466	16.458	16.498	VV	177	2721	0.06%	0.024%
246	16.514	16.498	16.528	PV	94	1089	0.02%	0.009%

					rteres			
247	16.556	16.528	16.623	VV	349	10531	0.23%	0.091%
248	16.632	16.623	16.645	VV	94	892	0.02%	0.008%
249	16.692	16.645	16.715	VV	281	7240	0.16%	0.063%
250	16.740	16.715	16.790	VV	225	5701	0.12%	0.049%
251	16.865	16.790	16.946	VV	2506	51704	1.12%	0.447%
252	16.957	16.946	16.971	VV	208	2367	0.05%	0.020%
253	17.029	16.971	17.055	VV	349	11895	0.26%	0.103%
254	17.073	17.055	17.137	VV	373	12903	0.28%	0.112%
255	17.168	17.137	17.184	VV	444	7829	0.17%	0.068%
256	17.216	17.184	17.248	VV	456	11696	0.25%	0.101%
257	17.256	17.248	17.279	VV	308	4493	0.10%	0.039%
258	17.334	17.279	17.422	VV	3019	65073	1.41%	0.563%
259	17.446	17.422	17.474	VV	228	5964	0.13%	0.052%
260	17.483	17.474	17.523	VV	224	4262	0.09%	0.037%
261	17.581	17.523	17.607	VV	180	5484	0.12%	0.047%
262	17.628	17.607	17.648	VV	198	2940	0.06%	0.025%
263	17.670	17.648	17.692	VV	213	3173	0.07%	0.027%
264	17.788	17.692	17.848	PV	4659	83972	1.83%	0.727%
265	17.895	17.848	17.948	VV	313	14062	0.31%	0.122%
266	17.955	17.948	17.978	VV	117	1761	0.04%	0.015%
267	17.997	17.978	18.030	VV	144	2912	0.06%	0.025%
268	18.074	18.030	18.093	VV	333	5655	0.12%	0.049%
269	18.132	18.093	18.142	VV	177	3678	0.08%	0.032%
270	18.227	18.142	18.329	VV	4083	77414	1.68%	0.670%
271	18.377	18.329	18.427	VV	607	17595	0.38%	0.152%
272	18.435	18.427	18.459	VV	113	1315	0.03%	0.011%
273	18.505	18.459	18.535	PV	468	9889	0.22%	0.086%
274	18.551	18.535	18.572	VV	217	3230	0.07%	0.028%
275	18.653	18.572	18.723	PV	4938	83520	1.82%	0.723%
276	18.747	18.723	18.767	VV	446	7019	0.15%	0.061%
277	18.796	18.767	18.825	VV	230	4976	0.11%	0.043%
278	18.918	18.825	18.942	VV	368	9282	0.20%	0.080%
279	18.954	18.942	19.008	VV	251	4149	0.09%	0.036%
280	19.066	19.008	19.138	PV	3780	74950	1.63%	0.649%
281	19.223	19.138	19.292	VV	332	15868	0.35%	0.137%
282	19.320	19.292	19.344	VV	333	6433	0.14%	0.056%
283	19.377	19.344	19.410	VV	202	6098	0.13%	0.053%
284	19.465	19.410	19.530	PV	3947	73363	1.60%	0.635%
285	19.647	19.530	19.676	VV	613	33889	0.74%	0.293%
286	19.714	19.676	19.735	VV	690	19706	0.43%	0.171%
287	19.792	19.735	19.803	VV	668	24946	0.54%	0.216%
288	19.854	19.803	19.933	VV	3975	113870	2.48%	0.986%
289	20.040	19.933	20.062	VV	1093	75835	1.65%	0.656%
290	20.150	20.062	20.183	VV	1479	89283	1.94%	0.773%
291	20.231	20.183	20.262	VV	3896	100444	2.18%	0.869%
292	20.287	20.262	20.304	VV	1657	40308	0.88%	0.349%
293	20.417	20.304	20.437	VV	1994	139702	3.04%	1.209%
294	20.479	20.437	20.487	VV	2181	63020	1.37%	0.545%
295	20.511	20.487	20.535	VV	2465	66671	1.45%	0.577%
296	20.543	20.535	20.550	VV	2332	20757	0.45%	0.180%
297	20.599	20.550	20.635	VV	4707	165075	3.59%	1.429%
298	20.668	20.635	20.688	VV	3105	95156	2.07%	0.824%
299	20.842	20.688	20.850	VV	3437	311019	6.76%	2.692%

					rteres			
300	20.877	20.850	20.931	VV	3599	169795	3.69%	1.470%
301	20.967	20.931	21.012	VV	5098	195870	4.26%	1.695%
302	21.051	21.012	21.073	VV	3528	127265	2.77%	1.101%
303	21.155	21.073	21.193	VV	3583	249723	5.43%	2.161%
304	21.210	21.193	21.251	VV	3329	111528	2.43%	0.965%
305	21.272	21.251	21.314	VV	3093	112244	2.44%	0.971%
306	21.374	21.314	21.454	VV	4126	262615	5.71%	2.273%
307	21.468	21.454	21.521	VV	2769	103747	2.26%	0.898%
308	21.531	21.521	21.540	VV	2491	27552	0.60%	0.238%
309	21.546	21.540	21.615	VV	2463	104722	2.28%	0.906%
310	21.628	21.615	21.637	VV	2240	28565	0.62%	0.247%
311	21.658	21.637	21.692	VV	2147	68419	1.49%	0.592%
312	21.709	21.692	21.797	VV	2060	119733	2.60%	1.036%
313	21.834	21.797	21.900	VV	2393	111805	2.43%	0.968%
314	21.911	21.900	21.942	VV	1365	33105	0.72%	0.287%
315	21.978	21.942	22.002	VV	1301	45160	0.98%	0.391%
316	22.008	22.002	22.048	VV	1175	30523	0.66%	0.264%
317	22.071	22.048	22.122	VV	1001	40024	0.87%	0.346%
318	22.148	22.122	22.184	VV	827	28174	0.61%	0.244%
319	22.213	22.184	22.271	VV	687	31012	0.67%	0.268%
320	22.353	22.271	22.478	VV	1063	58401	1.27%	0.505%

Sum of corrected areas: 11554263

Aliphatic EPH 102925.M Tue Nov 18 03:12:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016724.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 19:01
 Operator : YP\AJ
 Sample : Q3586-03
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SED-3

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 00:34:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 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...	8.011	6303217	55.622 ug/ml
Spiked Amount 50.000		Recovery =	111.24%
6) S 2-Fluorobiphenyl (SURR)	8.886	4211923	59.056 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.11%
11) S ortho-Terphenyl (SURR)	11.954	6957013	47.374 ug/ml
Spiked Amount 50.000		Recovery =	94.75%

Target Compounds

(f)=RT Delta > 1/2 Window

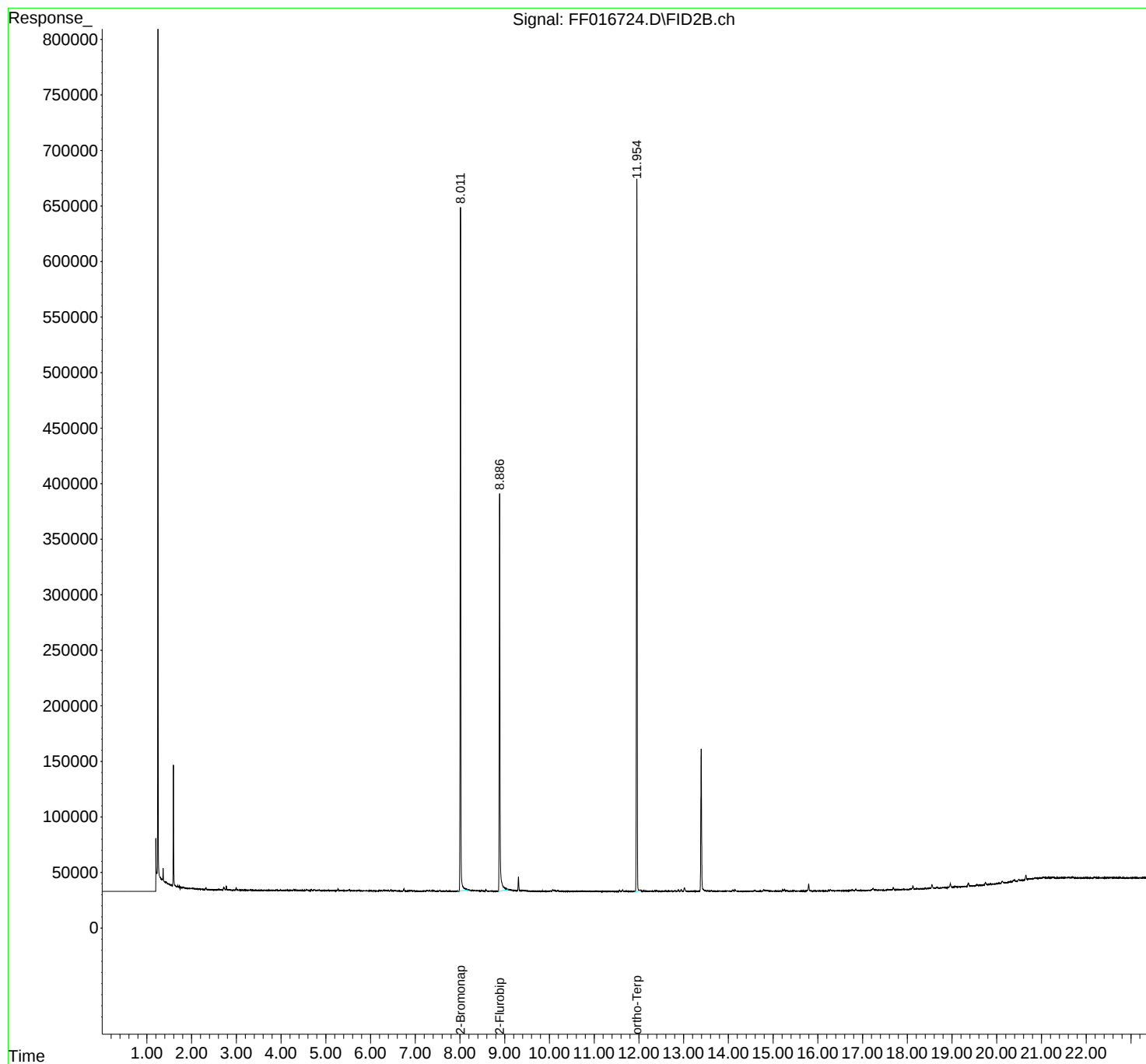
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016724.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:01
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3

Integration File: autoint1.e
Quant Time: Nov 18 00:34:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

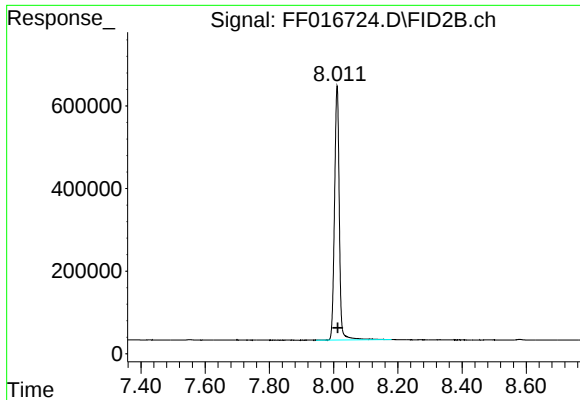
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



#4 2-Bromonaphthalene (SURR)

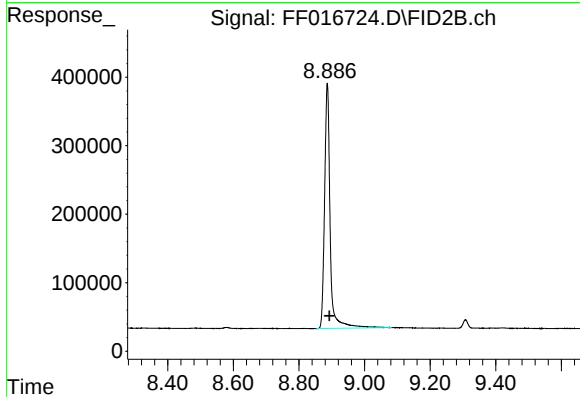
R.T.: 8.011 min
Delta R.T.: -0.002 min
Response: 6303217
Conc: 55.62 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-3



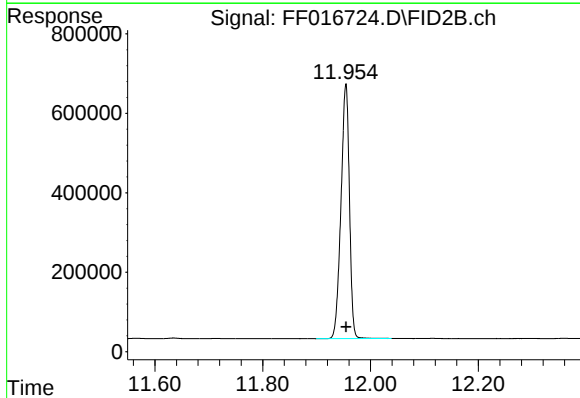
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: -0.006 min
Response: 4211923
Conc: 59.06 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: 0.000 min
Response: 6957013
Conc: 47.37 ug/ml



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016724.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 19:01
 Sample : Q3586-03
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.477	4.454	4.501	PV	423	4338	0.06%	0.020%
2	4.506	4.501	4.545	PV	134	1432	0.02%	0.007%
3	4.568	4.545	4.590	VV	1084	11762	0.17%	0.053%
4	4.601	4.590	4.627	VV	377	3952	0.06%	0.018%
5	4.645	4.627	4.657	VV	184	1825	0.03%	0.008%
6	4.677	4.657	4.717	VV	520	9116	0.13%	0.041%
7	4.734	4.717	4.745	VV	928	10416	0.15%	0.047%
8	4.755	4.745	4.777	VV	605	7724	0.11%	0.035%
9	4.794	4.777	4.802	VV	210	2193	0.03%	0.010%
10	4.819	4.802	4.835	VV	471	4771	0.07%	0.022%
11	4.851	4.835	4.872	VV	663	7344	0.10%	0.033%
12	4.889	4.872	4.896	VV	167	1415	0.02%	0.006%
13	4.911	4.896	4.919	VV	159	1588	0.02%	0.007%
14	4.925	4.919	4.943	VV	123	1586	0.02%	0.007%
15	4.959	4.952	4.971	VV	170	1484	0.02%	0.007%
16	4.983	4.971	5.008	VV	235	3655	0.05%	0.017%
17	5.030	5.008	5.051	VV	221	3857	0.06%	0.018%
18	5.068	5.051	5.127	VV	335	5586	0.08%	0.025%
19	5.149	5.134	5.166	VV	168	1935	0.03%	0.009%
20	5.173	5.166	5.225	VV	205	3997	0.06%	0.018%
21	5.248	5.225	5.255	VV	333	3524	0.05%	0.016%
22	5.272	5.255	5.305	VV	1706	21555	0.31%	0.098%
23	5.330	5.305	5.351	PV	459	8181	0.12%	0.037%
24	5.369	5.351	5.380	VV	437	5551	0.08%	0.025%
25	5.387	5.380	5.442	VV	348	5387	0.08%	0.024%
26	5.485	5.464	5.491	VV	117	1115	0.02%	0.005%
27	5.517	5.497	5.555	VV	1142	18754	0.27%	0.085%
28	5.566	5.555	5.575	VV	327	3364	0.05%	0.015%
29	5.583	5.575	5.593	VV	278	2339	0.03%	0.011%
30	5.599	5.593	5.620	VV	171	2111	0.03%	0.010%
31	5.643	5.620	5.654	VV	182	2709	0.04%	0.012%
32	5.671	5.667	5.689	VV	159	1462	0.02%	0.007%
33	5.708	5.689	5.723	VV	468	5529	0.08%	0.025%
34	5.755	5.723	5.774	VV	532	9761	0.14%	0.044%
35	5.785	5.774	5.799	VV	146	1307	0.02%	0.006%
36	5.818	5.799	5.829	VV	162	1950	0.03%	0.009%

					rt	Area	Area%	Height%
37	5.846	5.838	5.889	VV	173	3536	0.05%	0.016%
38	5.903	5.889	5.914	VV	284	2803	0.04%	0.013%
39	5.917	5.914	5.938	VV	209	1861	0.03%	0.008%
40	5.975	5.938	5.988	PV	279	3896	0.06%	0.018%
41	6.020	6.003	6.044	VV	285	4211	0.06%	0.019%
42	6.061	6.044	6.072	VV	247	2692	0.04%	0.012%
43	6.080	6.072	6.131	VV	362	5180	0.07%	0.024%
44	6.149	6.131	6.171	VV	133	1481	0.02%	0.007%
45	6.197	6.171	6.216	PV	725	9885	0.14%	0.045%
46	6.220	6.216	6.227	VV	285	1469	0.02%	0.007%
47	6.247	6.227	6.263	VV	328	4799	0.07%	0.022%
48	6.296	6.263	6.329	VV	890	21141	0.30%	0.096%
49	6.344	6.329	6.369	VV	648	8676	0.12%	0.039%
50	6.390	6.369	6.429	VV	1017	16034	0.23%	0.073%
51	6.455	6.429	6.496	VV	1225	18937	0.27%	0.086%
52	6.513	6.496	6.522	VV	313	3791	0.05%	0.017%
53	6.532	6.522	6.537	VV	348	2762	0.04%	0.013%
54	6.541	6.537	6.553	VV	317	2655	0.04%	0.012%
55	6.560	6.553	6.579	VV	262	3565	0.05%	0.016%
56	6.595	6.579	6.604	VV	316	3906	0.06%	0.018%
57	6.611	6.604	6.627	VV	259	3156	0.05%	0.014%
58	6.631	6.627	6.653	VV	293	3511	0.05%	0.016%
59	6.658	6.653	6.669	VV	242	1810	0.03%	0.008%
60	6.674	6.669	6.705	VV	179	2830	0.04%	0.013%
61	6.713	6.705	6.722	VV	175	1420	0.02%	0.006%
62	6.746	6.722	6.809	VV	2090	28469	0.41%	0.129%
63	6.834	6.809	6.853	VV	376	5379	0.08%	0.024%
64	6.865	6.853	6.883	VV	385	4375	0.06%	0.020%
65	6.900	6.883	6.921	VV	750	9368	0.13%	0.043%
66	6.934	6.921	6.956	VV	349	3739	0.05%	0.017%
67	6.976	6.956	7.005	VV	542	7022	0.10%	0.032%
68	7.029	7.005	7.061	VV	273	3385	0.05%	0.015%
69	7.089	7.070	7.111	VV	206	2394	0.03%	0.011%
70	7.155	7.111	7.180	PV	236	3750	0.05%	0.017%
71	7.200	7.180	7.239	PV	355	6513	0.09%	0.030%
72	7.260	7.239	7.273	VV	635	8249	0.12%	0.038%
73	7.278	7.273	7.297	VV	524	5572	0.08%	0.025%
74	7.319	7.297	7.349	VV	713	12660	0.18%	0.058%
75	7.368	7.349	7.379	VV	711	9167	0.13%	0.042%
76	7.386	7.379	7.410	VV	745	8805	0.13%	0.040%
77	7.427	7.410	7.446	VV	594	7591	0.11%	0.035%
78	7.467	7.446	7.492	VV	205	3870	0.06%	0.018%
79	7.498	7.492	7.511	VV	225	1471	0.02%	0.007%
80	7.528	7.511	7.536	VV	236	2349	0.03%	0.011%
81	7.553	7.536	7.596	VV	1131	15390	0.22%	0.070%
82	7.613	7.596	7.624	VV	350	3681	0.05%	0.017%
83	7.628	7.624	7.646	VV	272	2518	0.04%	0.011%
84	7.663	7.646	7.679	VV	332	3910	0.06%	0.018%
85	7.699	7.679	7.742	VV	417	8330	0.12%	0.038%
86	7.766	7.742	7.809	VV	363	7670	0.11%	0.035%
87	7.815	7.809	7.891	VV	143	3555	0.05%	0.016%
88	7.933	7.911	7.945	VV	201	2613	0.04%	0.012%
89	7.963	7.945	7.979	VV	380	4643	0.07%	0.021%

rteres								
90	8.011	7.979	8.256	VV	615078	6448564	92.17%	29.318%
91	8.270	8.256	8.300	VV	1024	22588	0.32%	0.103%
92	8.330	8.300	8.344	VV	931	20385	0.29%	0.093%
93	8.349	8.344	8.377	VV	634	11481	0.16%	0.052%
94	8.383	8.377	8.386	VV	574	2699	0.04%	0.012%
95	8.389	8.386	8.444	VV	575	16321	0.23%	0.074%
96	8.446	8.444	8.462	VV	463	4504	0.06%	0.020%
97	8.482	8.462	8.544	VV	771	24179	0.35%	0.110%
98	8.579	8.544	8.606	VV	1798	29242	0.42%	0.133%
99	8.611	8.606	8.619	VV	382	2541	0.04%	0.012%
100	8.625	8.619	8.646	VV	366	4378	0.06%	0.020%
101	8.673	8.646	8.709	VV	425	12267	0.18%	0.056%
102	8.716	8.709	8.721	VV	379	2307	0.03%	0.010%
103	8.724	8.721	8.756	VV	399	5923	0.08%	0.027%
104	8.772	8.756	8.794	VV	301	5110	0.07%	0.023%
105	8.816	8.794	8.835	VV	386	5728	0.08%	0.026%
106	8.841	8.835	8.854	VV	177	1264	0.02%	0.006%
107	8.887	8.854	9.160	VV	359247	4393849	62.80%	19.977%
108	9.165	9.160	9.170	VV	989	5588	0.08%	0.025%
109	9.178	9.170	9.216	VV	1029	24436	0.35%	0.111%
110	9.232	9.216	9.261	VV	896	21024	0.30%	0.096%
111	9.264	9.261	9.277	VV	720	6514	0.09%	0.030%
112	9.308	9.277	9.335	VV	13187	149776	2.14%	0.681%
113	9.343	9.335	9.357	VV	949	11418	0.16%	0.052%
114	9.362	9.357	9.368	VV	816	5097	0.07%	0.023%
115	9.388	9.368	9.401	VV	978	16144	0.23%	0.073%
116	9.421	9.401	9.456	VV	1224	28202	0.40%	0.128%
117	9.469	9.456	9.478	VV	701	8058	0.12%	0.037%
118	9.481	9.478	9.489	VV	560	3439	0.05%	0.016%
119	9.493	9.489	9.531	VV	604	10865	0.16%	0.049%
120	9.549	9.531	9.564	VV	397	6956	0.10%	0.032%
121	9.566	9.564	9.576	VV	310	1986	0.03%	0.009%
122	9.593	9.576	9.612	VV	463	8020	0.11%	0.036%
123	9.629	9.612	9.672	VV	408	10545	0.15%	0.048%
124	9.689	9.672	9.696	VV	305	3419	0.05%	0.016%
125	9.708	9.696	9.726	VV	324	4681	0.07%	0.021%
126	9.738	9.726	9.747	VV	218	2075	0.03%	0.009%
127	9.774	9.747	9.812	VV	440	9458	0.14%	0.043%
128	9.838	9.812	9.844	VV	344	2892	0.04%	0.013%
129	9.854	9.844	9.885	VV	246	3828	0.05%	0.017%
130	9.910	9.897	9.949	VV	246	4350	0.06%	0.020%
131	9.966	9.949	9.999	VV	273	5157	0.07%	0.023%
132	10.023	9.999	10.046	VV	894	12019	0.17%	0.055%
133	10.071	10.046	10.099	VV	1483	30682	0.44%	0.139%
134	10.107	10.099	10.155	VV	1154	24714	0.35%	0.112%
135	10.159	10.155	10.168	VV	424	3036	0.04%	0.014%
136	10.189	10.168	10.237	VV	1257	22730	0.32%	0.103%
137	10.260	10.237	10.279	VV	343	6543	0.09%	0.030%
138	10.282	10.279	10.320	VV	254	3922	0.06%	0.018%
139	10.331	10.320	10.338	VV	179	1575	0.02%	0.007%
140	10.355	10.338	10.383	VV	221	3932	0.06%	0.018%
141	10.423	10.406	10.444	VV	134	1974	0.03%	0.009%

					rteres			
142	10.459	10.444	10.471	VV	122	1190	0.02%	0.005%
143	10.490	10.478	10.496	VV	134	1031	0.01%	0.005%
144	10.506	10.496	10.537	VV	238	3503	0.05%	0.016%
145	10.554	10.537	10.569	VV	186	2278	0.03%	0.010%
146	10.586	10.569	10.601	VV	268	3500	0.05%	0.016%
147	10.619	10.601	10.642	VV	327	5290	0.08%	0.024%
148	10.650	10.642	10.659	VV	229	1759	0.03%	0.008%
149	10.665	10.659	10.691	VV	260	3597	0.05%	0.016%
150	10.710	10.691	10.730	VV	376	5512	0.08%	0.025%
151	10.750	10.730	10.771	VV	235	4589	0.07%	0.021%
152	10.814	10.771	10.845	VV	389	10675	0.15%	0.049%
153	10.930	10.845	10.972	VV	404	20990	0.30%	0.095%
154	10.984	10.972	11.009	VV	267	4027	0.06%	0.018%
155	11.053	11.009	11.099	VV	531	14836	0.21%	0.067%
156	11.112	11.099	11.129	VV	217	2400	0.03%	0.011%
157	11.151	11.129	11.167	VV	213	3195	0.05%	0.015%
158	11.189	11.167	11.229	VV	157	4246	0.06%	0.019%
159	11.258	11.229	11.284	VV	182	4318	0.06%	0.020%
160	11.323	11.284	11.337	VV	187	4254	0.06%	0.019%
161	11.354	11.337	11.390	VV	251	4515	0.06%	0.021%
162	11.400	11.390	11.422	VV	110	1839	0.03%	0.008%
163	11.436	11.422	11.481	VV	124	2495	0.04%	0.011%
164	11.565	11.521	11.599	VV	1139	16742	0.24%	0.076%
165	11.634	11.599	11.690	VV	1585	24727	0.35%	0.112%
166	11.713	11.690	11.762	VV	408	9211	0.13%	0.042%
167	11.790	11.762	11.814	VV	125	2218	0.03%	0.010%
168	11.829	11.814	11.856	VV	153	2039	0.03%	0.009%
169	11.954	11.898	12.080	PV	640023	6996396	100.00%	31.809%
170	12.116	12.080	12.179	VV	802	23558	0.34%	0.107%
171	12.237	12.179	12.247	VV	295	9428	0.13%	0.043%
172	12.297	12.247	12.334	VV	600	16793	0.24%	0.076%
173	12.359	12.334	12.378	VV	930	14269	0.20%	0.065%
174	12.397	12.378	12.426	VV	866	14776	0.21%	0.067%
175	12.437	12.426	12.492	VV	327	8154	0.12%	0.037%
176	12.527	12.492	12.548	VV	405	8387	0.12%	0.038%
177	12.579	12.548	12.617	VV	486	14333	0.20%	0.065%
178	12.628	12.617	12.640	VV	437	4495	0.06%	0.020%
179	12.658	12.640	12.707	VV	701	17072	0.24%	0.078%
180	12.730	12.707	12.759	VV	421	9223	0.13%	0.042%
181	12.806	12.759	12.844	VV	1023	20130	0.29%	0.092%
182	12.884	12.844	12.915	VV	1644	27633	0.39%	0.126%
183	12.946	12.915	12.984	VV	1917	28028	0.40%	0.127%
184	13.017	12.984	13.119	VV	3183	64223	0.92%	0.292%
185	13.151	13.119	13.182	VV	242	4716	0.07%	0.021%
186	13.230	13.182	13.294	VV	393	12646	0.18%	0.057%
187	13.393	13.294	13.546	VV	128605	1659797	23.72%	7.546%
188	13.562	13.546	13.594	VV	553	12389	0.18%	0.056%
189	13.618	13.594	13.719	VV	724	24786	0.35%	0.113%
190	13.780	13.719	13.802	VV	444	14823	0.21%	0.067%
191	13.831	13.802	13.874	VV	427	14865	0.21%	0.068%
192	13.887	13.874	13.931	VV	273	7091	0.10%	0.032%
193	13.991	13.931	14.004	VV	327	11110	0.16%	0.051%
194	14.014	14.004	14.049	VV	298	6050	0.09%	0.028%

					rteres			
195	14.099	14.049	14.129	VV	1566	28620	0.41%	0.130%
196	14.148	14.129	14.244	VV	1637	30280	0.43%	0.138%
197	14.264	14.244	14.291	VV	248	4365	0.06%	0.020%
198	14.299	14.291	14.318	VV	96	1059	0.02%	0.005%
199	14.384	14.318	14.406	PV	212	5040	0.07%	0.023%
200	14.413	14.406	14.429	VV	92	1085	0.02%	0.005%
201	14.446	14.429	14.467	VV	137	1746	0.02%	0.008%
202	14.484	14.467	14.494	VV	190	1673	0.02%	0.008%
203	14.502	14.494	14.527	VV	105	1895	0.03%	0.009%
204	14.591	14.527	14.682	VV	844	23421	0.33%	0.106%
205	14.715	14.682	14.733	VV	285	4891	0.07%	0.022%
206	14.793	14.733	14.944	VV	1247	63841	0.91%	0.290%
207	14.950	14.944	15.014	VV	290	8707	0.12%	0.040%
208	15.032	15.014	15.059	VV	264	5222	0.07%	0.024%
209	15.096	15.059	15.132	VV	346	8614	0.12%	0.039%
210	15.158	15.132	15.184	VV	287	5469	0.08%	0.025%
211	15.214	15.184	15.236	VV	1063	19968	0.29%	0.091%
212	15.256	15.236	15.284	VV	1378	22906	0.33%	0.104%
213	15.304	15.284	15.347	VV	574	11807	0.17%	0.054%
214	15.355	15.347	15.367	VV	176	1866	0.03%	0.008%
215	15.376	15.367	15.403	VV	250	3223	0.05%	0.015%
216	15.430	15.403	15.456	VV	285	5139	0.07%	0.023%
217	15.476	15.456	15.517	VV	539	7151	0.10%	0.033%
218	15.557	15.541	15.573	VV	122	1266	0.02%	0.006%
219	15.626	15.573	15.641	VV	184	3400	0.05%	0.015%
220	15.675	15.641	15.714	VV	195	5667	0.08%	0.026%
221	15.795	15.714	15.877	VV	6238	96802	1.38%	0.440%
222	15.909	15.877	15.972	VV	326	8260	0.12%	0.038%
223	15.993	15.972	16.037	VV	168	3935	0.06%	0.018%
224	16.042	16.037	16.071	VV	153	2221	0.03%	0.010%
225	16.079	16.071	16.117	VV	175	3563	0.05%	0.016%
226	16.136	16.117	16.196	VV	200	4697	0.07%	0.021%
227	16.240	16.196	16.262	PV	660	11373	0.16%	0.052%
228	16.280	16.262	16.312	VV	1167	18030	0.26%	0.082%
229	16.344	16.312	16.394	VV	252	5722	0.08%	0.026%
230	16.425	16.394	16.490	VV	186	5851	0.08%	0.027%
231	16.499	16.490	16.517	PV	130	1004	0.01%	0.005%
232	16.567	16.517	16.586	PV	135	3226	0.05%	0.015%
233	16.602	16.586	16.626	VV	119	1916	0.03%	0.009%
234	16.633	16.626	16.656	VV	138	1252	0.02%	0.006%
235	16.678	16.656	16.707	VV	170	2914	0.04%	0.013%
236	16.766	16.707	16.817	VV	776	16087	0.23%	0.073%
237	16.848	16.817	16.899	VV	1272	21792	0.31%	0.099%
238	16.916	16.899	16.991	VV	221	6144	0.09%	0.028%
239	17.033	17.005	17.064	VV	155	2588	0.04%	0.012%
240	17.129	17.096	17.172	PV	199	4194	0.06%	0.019%
241	17.234	17.172	17.262	VV	1873	39526	0.56%	0.180%
242	17.283	17.262	17.297	VV	451	6885	0.10%	0.031%
243	17.309	17.297	17.381	VV	365	8681	0.12%	0.039%
244	17.423	17.381	17.452	VV	115	3068	0.04%	0.014%
245	17.472	17.452	17.499	VV	108	1530	0.02%	0.007%
246	17.567	17.499	17.592	PV	308	8008	0.11%	0.036%

					rteres			
247	17.601	17.592	17.612	VV	164	1678	0.02%	0.008%
248	17.687	17.612	17.744	VV	2287	39699	0.57%	0.180%
249	17.790	17.744	17.831	VV	235	7525	0.11%	0.034%
250	17.863	17.831	17.870	VV	120	1736	0.02%	0.008%
251	17.916	17.870	17.941	VV	209	4606	0.07%	0.021%
252	17.960	17.941	17.992	VV	149	2983	0.04%	0.014%
253	18.011	17.992	18.029	VV	95	1095	0.02%	0.005%
254	18.125	18.029	18.173	PV	2967	51696	0.74%	0.235%
255	18.219	18.173	18.248	VV	590	13690	0.20%	0.062%
256	18.302	18.248	18.324	VV	204	6357	0.09%	0.029%
257	18.352	18.324	18.384	VV	160	3755	0.05%	0.017%
258	18.405	18.384	18.425	VV	265	3683	0.05%	0.017%
259	18.445	18.425	18.467	PV	281	3833	0.05%	0.017%
260	18.502	18.467	18.519	VV	359	7026	0.10%	0.032%
261	18.551	18.519	18.592	VV	3308	56578	0.81%	0.257%
262	18.646	18.592	18.655	VV	363	8859	0.13%	0.040%
263	18.673	18.655	18.715	VV	413	7800	0.11%	0.035%
264	18.819	18.715	18.851	PBA	204	9162	0.13%	0.042%
Sum of corrected areas:					21994899			

Aromatic EPH 102925.M Tue Nov 18 01:16:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016958.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 13:13
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
Quant Time: Nov 20 23:49:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
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...	13.483	8310854	69.008 ug/ml
Spiked Amount	50.000	Recovery	= 138.02%

Target Compounds

(f)=RT Delta > 1/2 Window

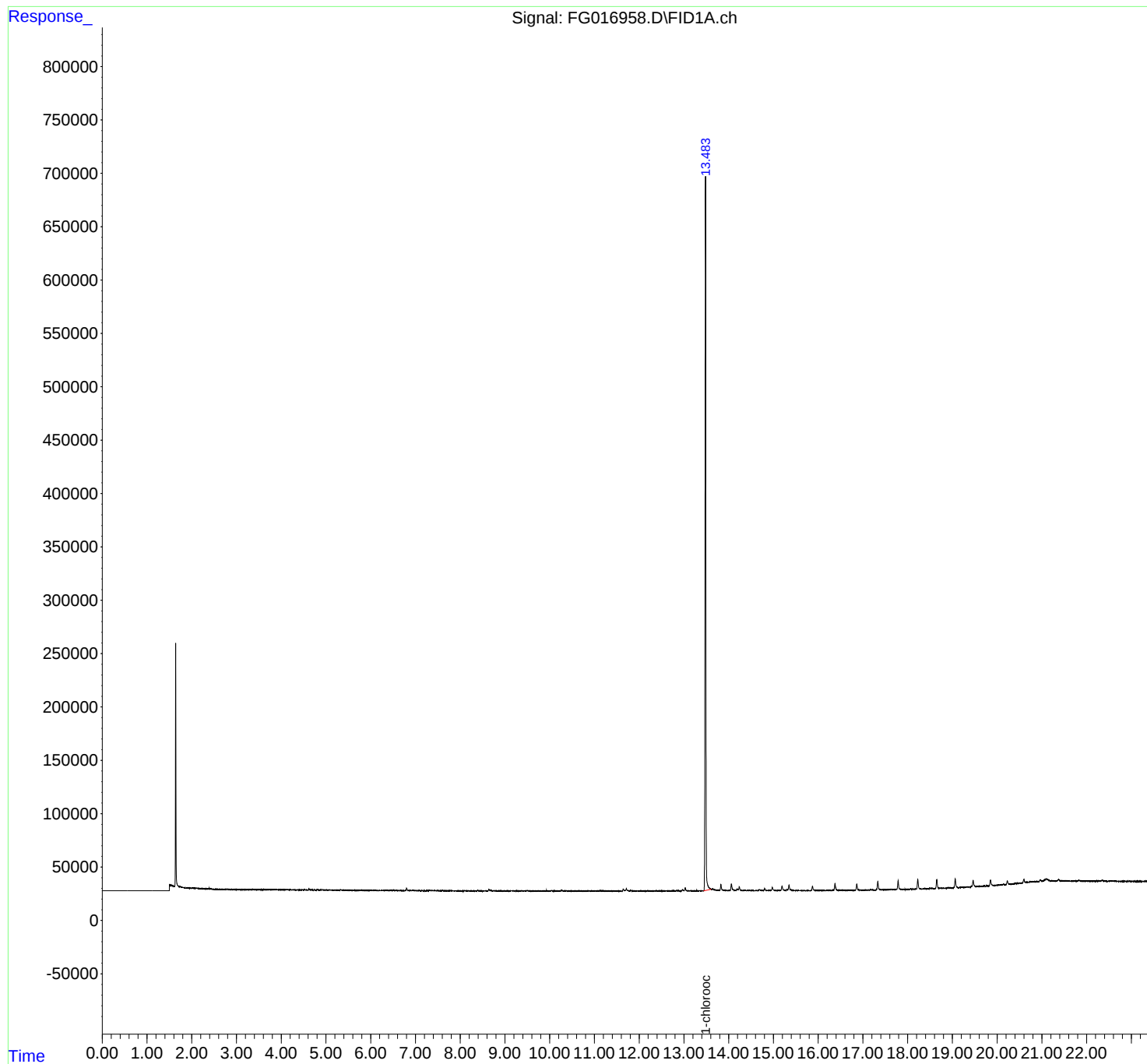
(m)=manual int.

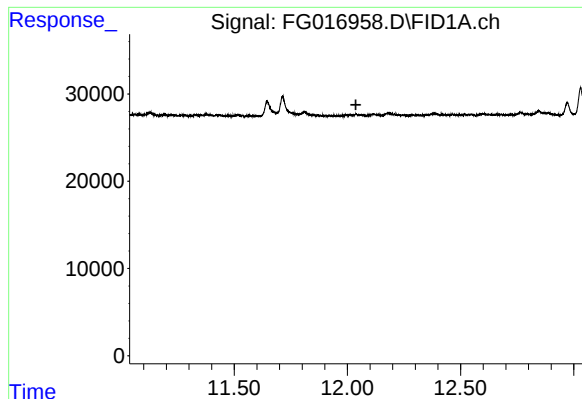
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016958.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 13:13
Operator : YP\AJ
Sample : Q3586-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3

Integration File: autoint1.e
Quant Time: Nov 20 23:49:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

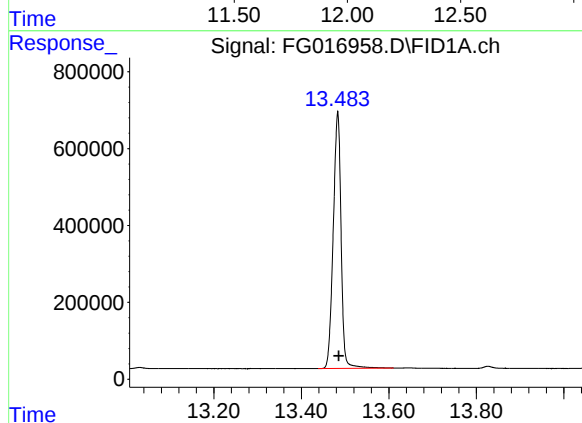




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
SED-3



#12 1-chlorooctadecane (SURR)

R.T.: 13.483 min
Delta R.T.: -0.002 min
Response: 8310854
Conc: 69.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
 Data File : FG016958.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 13:13
 Sample : Q3586-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.251	3.221	3.261	BV	60	597	0.01%	0.004%
2	3.269	3.261	3.311	PV	82	1405	0.02%	0.009%
3	3.359	3.311	3.400	VV	405	7816	0.09%	0.052%
4	3.411	3.400	3.437	VV	129	1939	0.02%	0.013%
5	3.478	3.437	3.501	VV	151	4186	0.05%	0.028%
6	3.509	3.501	3.584	VV	151	6620	0.08%	0.044%
7	3.599	3.584	3.609	VV	177	2124	0.03%	0.014%
8	3.627	3.609	3.662	VV	202	4844	0.06%	0.032%
9	3.679	3.662	3.728	VV	182	5872	0.07%	0.039%
10	3.740	3.728	3.795	VV	177	5397	0.06%	0.036%
11	3.804	3.795	3.878	VV	187	7923	0.09%	0.053%
12	3.890	3.878	3.941	VV	200	5385	0.06%	0.036%
13	3.971	3.941	4.014	VV	203	5899	0.07%	0.039%
14	4.023	4.014	4.035	VV	146	1500	0.02%	0.010%
15	4.045	4.035	4.055	VV	163	1591	0.02%	0.011%
16	4.068	4.055	4.108	VV	181	3631	0.04%	0.024%
17	4.115	4.108	4.135	VV	153	2103	0.02%	0.014%
18	4.156	4.135	4.173	VV	257	3911	0.05%	0.026%
19	4.192	4.173	4.211	VV	324	4301	0.05%	0.029%
20	4.222	4.211	4.249	VV	138	2662	0.03%	0.018%
21	4.268	4.249	4.282	VV	255	3650	0.04%	0.024%
22	4.291	4.282	4.328	VV	168	3347	0.04%	0.022%
23	4.360	4.328	4.379	VV	262	5059	0.06%	0.034%
24	4.387	4.379	4.415	VV	192	2505	0.03%	0.017%
25	4.434	4.415	4.445	VV	175	2387	0.03%	0.016%
26	4.472	4.445	4.515	VV	210	6714	0.08%	0.045%
27	4.529	4.515	4.553	VV	460	6631	0.08%	0.044%
28	4.562	4.553	4.591	VV	204	2914	0.03%	0.019%
29	4.621	4.591	4.645	VV	944	13282	0.16%	0.089%
30	4.657	4.645	4.711	VV	307	8305	0.10%	0.056%
31	4.737	4.711	4.776	VV	277	7063	0.08%	0.047%

					rt	Area	%Area	%Area
32	4.805	4.776	4.851	VV	370	8372	0.10%	0.056%
33	4.870	4.851	4.891	VV	265	4284	0.05%	0.029%
34	4.904	4.891	4.930	VV	447	5905	0.07%	0.039%
35	4.950	4.930	5.015	VV	194	7635	0.09%	0.051%
36	5.026	5.015	5.070	VV	206	6123	0.07%	0.041%
37	5.080	5.070	5.104	VV	220	3460	0.04%	0.023%
38	5.114	5.104	5.153	VV	206	4232	0.05%	0.028%
39	5.162	5.153	5.205	VV	119	3131	0.04%	0.021%
40	5.211	5.205	5.221	VV	110	1042	0.01%	0.007%
41	5.236	5.221	5.255	VV	150	2519	0.03%	0.017%
42	5.265	5.255	5.278	VV	164	2005	0.02%	0.013%
43	5.324	5.278	5.363	VV	833	15384	0.18%	0.103%
44	5.381	5.363	5.411	VV	321	5964	0.07%	0.040%
45	5.420	5.411	5.427	VV	93	1017	0.01%	0.007%
46	5.443	5.427	5.486	VV	300	4594	0.05%	0.031%
47	5.535	5.486	5.623	VV	150	6402	0.08%	0.043%
48	5.638	5.623	5.673	VV	110	2139	0.03%	0.014%
49	5.703	5.673	5.712	VV	118	1578	0.02%	0.011%
50	5.725	5.712	5.745	VV	92	1373	0.02%	0.009%
51	5.764	5.745	5.784	VV	232	3895	0.05%	0.026%
52	5.806	5.784	5.827	VV	343	5152	0.06%	0.034%
53	5.843	5.827	5.855	VV	121	1628	0.02%	0.011%
54	5.862	5.855	5.879	VV	143	1742	0.02%	0.012%
55	5.891	5.879	5.903	VV	131	1409	0.02%	0.009%
56	5.939	5.903	5.954	VV	170	3691	0.04%	0.025%
57	5.967	5.954	5.988	VV	209	2800	0.03%	0.019%
58	6.028	5.988	6.055	VV	212	5908	0.07%	0.039%
59	6.076	6.055	6.110	VV	219	5076	0.06%	0.034%
60	6.133	6.110	6.173	VV	217	5555	0.07%	0.037%
61	6.201	6.173	6.220	VV	171	3021	0.04%	0.020%
62	6.244	6.220	6.281	PV	212	3483	0.04%	0.023%
63	6.302	6.281	6.318	VV	163	2568	0.03%	0.017%
64	6.359	6.318	6.381	VV	332	6977	0.08%	0.047%
65	6.399	6.381	6.423	VV	377	5261	0.06%	0.035%
66	6.443	6.423	6.487	VV	530	9574	0.11%	0.064%
67	6.508	6.487	6.554	VV	673	10252	0.12%	0.069%
68	6.577	6.554	6.616	VV	168	4212	0.05%	0.028%
69	6.630	6.616	6.681	VV	90	2089	0.02%	0.014%
70	6.688	6.681	6.714	VV	56	912	0.01%	0.006%
71	6.723	6.714	6.757	PV	78	853	0.01%	0.006%
72	6.802	6.757	6.864	VV	2527	38939	0.46%	0.260%
73	6.884	6.864	6.907	VV	253	5036	0.06%	0.034%
74	6.925	6.907	6.935	VV	256	3049	0.04%	0.020%
75	6.955	6.935	6.978	VV	436	7010	0.08%	0.047%
76	6.992	6.978	7.008	VV	186	2946	0.04%	0.020%
77	7.028	7.008	7.071	VV	275	6108	0.07%	0.041%
78	7.089	7.071	7.128	VV	191	3705	0.04%	0.025%
79	7.142	7.128	7.164	VV	138	1949	0.02%	0.013%

80	7.196	7.164	7.241	PV	130	4268	0.05%	0.029%
81	7.257	7.241	7.301	VV	217	5062	0.06%	0.034%
82	7.318	7.301	7.350	VV	343	7956	0.09%	0.053%
83	7.379	7.350	7.402	VV	335	7764	0.09%	0.052%
84	7.429	7.402	7.463	VV	396	9286	0.11%	0.062%
85	7.483	7.463	7.511	VV	331	5247	0.06%	0.035%
86	7.525	7.511	7.578	VV	162	4933	0.06%	0.033%
87	7.607	7.578	7.641	VV	544	9357	0.11%	0.063%
88	7.657	7.641	7.667	VV	126	1751	0.02%	0.012%
89	7.687	7.667	7.701	VV	154	2286	0.03%	0.015%
90	7.757	7.701	7.889	VV	185	11810	0.14%	0.079%
91	7.898	7.889	7.968	PV	86	2185	0.03%	0.015%
92	7.974	7.968	7.988	VV	62	375	0.00%	0.003%
93	8.021	7.988	8.077	VV	209	4606	0.05%	0.031%
94	8.090	8.077	8.107	VV	203	2257	0.03%	0.015%
95	8.120	8.107	8.142	VV	161	2419	0.03%	0.016%
96	8.184	8.142	8.229	VV	171	4868	0.06%	0.033%
97	8.245	8.229	8.264	VV	75	1214	0.01%	0.008%
98	8.286	8.264	8.301	VV	104	1158	0.01%	0.008%
99	8.339	8.301	8.358	PV	150	2702	0.03%	0.018%
100	8.389	8.358	8.491	VV	681	13042	0.15%	0.087%
101	8.552	8.491	8.601	PV	200	6748	0.08%	0.045%
102	8.644	8.601	8.715	VV	1496	35773	0.42%	0.239%
103	8.755	8.715	8.813	VV	323	14692	0.17%	0.098%
104	8.831	8.813	8.865	VV	161	3477	0.04%	0.023%
105	8.873	8.865	8.904	VV	152	2266	0.03%	0.015%
106	8.977	8.904	9.032	PV	138	5753	0.07%	0.038%
107	9.045	9.032	9.083	VV	120	3006	0.04%	0.020%
108	9.100	9.083	9.116	VV	145	2277	0.03%	0.015%
109	9.143	9.116	9.175	VV	227	5878	0.07%	0.039%
110	9.188	9.175	9.232	VV	232	4867	0.06%	0.033%
111	9.264	9.232	9.283	VV	108	1999	0.02%	0.013%
112	9.307	9.283	9.325	VV	160	2357	0.03%	0.016%
113	9.373	9.325	9.460	VV	430	17033	0.20%	0.114%
114	9.487	9.460	9.541	VV	531	11353	0.13%	0.076%
115	9.564	9.541	9.601	VV	164	2791	0.03%	0.019%
116	9.608	9.601	9.621	VV	117	827	0.01%	0.006%
117	9.661	9.621	9.691	VV	165	4500	0.05%	0.030%
118	9.727	9.691	9.756	VV	183	4835	0.06%	0.032%
119	9.774	9.756	9.819	VV	208	3759	0.04%	0.025%
120	9.844	9.819	9.888	PV	236	4669	0.06%	0.031%
121	9.913	9.888	9.940	VV	121	2802	0.03%	0.019%
122	9.948	9.940	9.964	VV	45	609	0.01%	0.004%
123	9.992	9.964	10.014	VV	219	3696	0.04%	0.025%
124	10.040	10.014	10.084	VV	549	9374	0.11%	0.063%
125	10.098	10.084	10.132	VV	132	2717	0.03%	0.018%
126	10.140	10.132	10.161	VV	69	1049	0.01%	0.007%

					rt	Area	%Area	%Area
127	10.191	10.161	10.231	VV	237	5835	0.07%	0.039%
128	10.265	10.231	10.349	VV	874	23083	0.27%	0.154%
129	10.359	10.349	10.416	VV	168	4404	0.05%	0.029%
130	10.441	10.416	10.458	VV	139	1979	0.02%	0.013%
131	10.487	10.458	10.529	VV	207	4125	0.05%	0.028%
132	10.550	10.529	10.561	VV	94	1174	0.01%	0.008%
133	10.578	10.561	10.631	VV	109	2976	0.04%	0.020%
134	10.652	10.631	10.671	VV	208	3323	0.04%	0.022%
135	10.685	10.671	10.731	VV	155	3801	0.05%	0.025%
136	10.745	10.731	10.765	VV	159	2206	0.03%	0.015%
137	10.773	10.765	10.800	VV	105	1664	0.02%	0.011%
138	10.810	10.800	10.881	VV	131	4786	0.06%	0.032%
139	10.951	10.881	10.971	VV	232	7442	0.09%	0.050%
140	10.981	10.971	10.992	VV	253	2667	0.03%	0.018%
141	11.007	10.992	11.036	VV	335	6092	0.07%	0.041%
142	11.072	11.036	11.096	VV	207	6149	0.07%	0.041%
143	11.129	11.096	11.180	VV	404	11108	0.13%	0.074%
144	11.190	11.180	11.209	VV	203	2683	0.03%	0.018%
145	11.225	11.209	11.261	VV	174	3333	0.04%	0.022%
146	11.269	11.261	11.293	VV	134	1922	0.02%	0.013%
147	11.306	11.293	11.314	VV	98	1151	0.01%	0.008%
148	11.327	11.314	11.344	VV	179	2283	0.03%	0.015%
149	11.354	11.344	11.363	VV	136	1390	0.02%	0.009%
150	11.380	11.363	11.412	VV	201	4602	0.05%	0.031%
151	11.424	11.412	11.458	VV	174	2871	0.03%	0.019%
152	11.472	11.458	11.498	VV	104	1731	0.02%	0.012%
153	11.517	11.498	11.546	VV	154	2575	0.03%	0.017%
154	11.645	11.546	11.687	PV	1770	34646	0.41%	0.232%
155	11.714	11.687	11.784	VV	2259	46480	0.55%	0.311%
156	11.810	11.784	11.909	VV	480	14110	0.17%	0.094%
157	11.923	11.909	11.967	VV	82	1702	0.02%	0.011%
158	12.016	11.967	12.024	VV	121	3241	0.04%	0.022%
159	12.037	12.024	12.049	VV	179	2241	0.03%	0.015%
160	12.055	12.049	12.083	VV	133	2052	0.02%	0.014%
161	12.113	12.083	12.149	VV	204	5362	0.06%	0.036%
162	12.179	12.149	12.259	VV	375	11039	0.13%	0.074%
163	12.311	12.259	12.340	PV	121	3776	0.04%	0.025%
164	12.386	12.340	12.411	VV	283	7615	0.09%	0.051%
165	12.421	12.411	12.451	VV	211	3470	0.04%	0.023%
166	12.466	12.451	12.499	VV	172	3504	0.04%	0.023%
167	12.519	12.499	12.529	VV	177	2408	0.03%	0.016%
168	12.545	12.529	12.567	VV	165	2666	0.03%	0.018%
169	12.606	12.567	12.662	VV	253	8409	0.10%	0.056%
170	12.677	12.662	12.701	VV	140	2687	0.03%	0.018%
171	12.725	12.701	12.736	VV	140	2293	0.03%	0.015%
172	12.765	12.736	12.810	VV	358	9387	0.11%	0.063%
173	12.846	12.810	12.875	VV	536	12011	0.14%	0.080%
174	12.888	12.875	12.938	VV	333	6520	0.08%	0.044%

175	12.971	12.938	13.001	PV	1459	21616	0.26%	0.145%
176	13.030	13.001	13.085	VV	3190	48548	0.58%	0.325%
177	13.091	13.085	13.113	VV	217	2926	0.03%	0.020%
178	13.151	13.113	13.195	VV	421	9745	0.12%	0.065%
179	13.222	13.195	13.235	VV	115	1873	0.02%	0.013%
180	13.240	13.235	13.273	VV	114	1461	0.02%	0.010%
181	13.285	13.273	13.333	VV	159	3296	0.04%	0.022%
182	13.359	13.333	13.385	VV	144	3523	0.04%	0.024%
183	13.401	13.385	13.418	VV	122	1932	0.02%	0.013%
184	13.483	13.418	13.622	VV	671370	8417200	100.00%	56.271%
185	13.645	13.622	13.741	VV	1998	83813	1.00%	0.560%
186	13.753	13.741	13.790	VV	754	20556	0.24%	0.137%
187	13.826	13.790	13.909	VV	6171	120481	1.43%	0.805%
188	13.918	13.909	13.979	VV	549	19214	0.23%	0.128%
189	13.989	13.979	14.007	VV	435	6525	0.08%	0.044%
190	14.060	14.007	14.157	VV	6537	148469	1.76%	0.993%
191	14.189	14.157	14.213	VV	1717	37195	0.44%	0.249%
192	14.237	14.213	14.400	VV	3929	89030	1.06%	0.595%
193	14.469	14.400	14.491	VV	314	14294	0.17%	0.096%
194	14.501	14.491	14.568	VV	289	10577	0.13%	0.071%
195	14.579	14.568	14.615	VV	224	5671	0.07%	0.038%
196	14.631	14.615	14.641	VV	207	2787	0.03%	0.019%
197	14.684	14.641	14.773	VV	1282	38120	0.45%	0.255%
198	14.805	14.773	14.861	VV	2091	38568	0.46%	0.258%
199	14.867	14.861	14.930	VV	240	8251	0.10%	0.055%
200	14.976	14.930	15.075	VV	3087	66404	0.79%	0.444%
201	15.091	15.075	15.114	VV	219	3975	0.05%	0.027%
202	15.128	15.114	15.142	VV	157	2023	0.02%	0.014%
203	15.192	15.142	15.281	VV	4421	94892	1.13%	0.634%
204	15.307	15.281	15.323	VV	1043	18474	0.22%	0.124%
205	15.349	15.323	15.382	VV	5463	88679	1.05%	0.593%
206	15.395	15.382	15.479	VV	996	20284	0.24%	0.136%
207	15.485	15.479	15.498	VV	112	929	0.01%	0.006%
208	15.517	15.498	15.600	VV	216	7821	0.09%	0.052%
209	15.622	15.600	15.666	VV	148	2346	0.03%	0.016%
210	15.690	15.666	15.708	PV	107	1158	0.01%	0.008%
211	15.774	15.708	15.834	VV	194	5213	0.06%	0.035%
212	15.873	15.834	15.972	VV	4190	72725	0.86%	0.486%
213	15.979	15.972	16.005	VV	78	1066	0.01%	0.007%
214	16.042	16.005	16.060	VV	95	2143	0.03%	0.014%
215	16.115	16.060	16.124	PV	76	1507	0.02%	0.010%
216	16.144	16.124	16.169	PV	99	1669	0.02%	0.011%
217	16.197	16.169	16.222	VV	195	3442	0.04%	0.023%
218	16.242	16.222	16.293	VV	155	4122	0.05%	0.028%
219	16.306	16.293	16.318	VV	136	1388	0.02%	0.009%
220	16.339	16.318	16.349	VV	492	6213	0.07%	0.042%
221	16.377	16.349	16.461	VV	6555	113234	1.35%	0.757%

					rt	Area	%Area	%Height
222	16.473	16.461	16.500	VV	255	3873	0.05%	0.026%
223	16.515	16.500	16.573	VV	254	5815	0.07%	0.039%
224	16.585	16.573	16.607	VV	116	1577	0.02%	0.011%
225	16.689	16.607	16.718	VV	275	7309	0.09%	0.049%
226	16.736	16.718	16.788	VV	225	4575	0.05%	0.031%
227	16.864	16.788	16.966	PV	5918	101573	1.21%	0.679%
228	16.995	16.966	17.015	VV	123	2796	0.03%	0.019%
229	17.032	17.015	17.110	VV	170	5757	0.07%	0.038%
230	17.168	17.110	17.190	VV	270	6124	0.07%	0.041%
231	17.216	17.190	17.252	VV	301	6110	0.07%	0.041%
232	17.333	17.252	17.414	VV	7933	137971	1.64%	0.922%
233	17.427	17.414	17.455	VV	180	3967	0.05%	0.027%
234	17.458	17.455	17.488	VV	162	2176	0.03%	0.015%
235	17.496	17.488	17.512	VV	143	1251	0.01%	0.008%
236	17.554	17.512	17.597	VV	162	5041	0.06%	0.034%
237	17.624	17.597	17.651	VV	355	6483	0.08%	0.043%
238	17.674	17.651	17.694	PV	259	3577	0.04%	0.024%
239	17.725	17.694	17.744	VV	202	3909	0.05%	0.026%
240	17.787	17.744	17.862	VV	8301	138948	1.65%	0.929%
241	17.888	17.862	17.968	VV	313	11722	0.14%	0.078%
242	17.973	17.968	17.981	VV	113	681	0.01%	0.005%
243	17.990	17.981	18.027	VV	158	3072	0.04%	0.021%
244	18.069	18.027	18.096	VV	565	11053	0.13%	0.074%
245	18.116	18.096	18.150	VV	290	5194	0.06%	0.035%
246	18.226	18.150	18.324	PV	9360	165168	1.96%	1.104%
247	18.373	18.324	18.431	VV	618	18772	0.22%	0.125%
248	18.500	18.431	18.525	VV	677	13881	0.16%	0.093%
249	18.550	18.525	18.583	VV	701	11251	0.13%	0.075%
250	18.609	18.583	18.620	VV	282	3037	0.04%	0.020%
251	18.651	18.620	18.719	VV	8596	144758	1.72%	0.968%
252	18.744	18.719	18.775	VV	669	12096	0.14%	0.081%
253	18.808	18.775	18.833	VV	144	3531	0.04%	0.024%
254	18.839	18.833	18.846	PV	46	179	0.00%	0.001%
255	18.915	18.846	18.942	VV	755	14342	0.17%	0.096%
256	18.961	18.942	18.990	VV	334	4905	0.06%	0.033%
257	19.064	18.990	19.143	PV	8656	153650	1.83%	1.027%
258	19.214	19.143	19.261	VV	454	19345	0.23%	0.129%
259	19.320	19.261	19.348	VV	582	16271	0.19%	0.109%
260	19.365	19.348	19.401	VV	528	10337	0.12%	0.069%
261	19.464	19.401	19.550	VV	6514	147519	1.75%	0.986%
262	19.636	19.550	19.681	VV	726	39448	0.47%	0.264%
263	19.712	19.681	19.734	VV	894	21607	0.26%	0.144%
264	19.757	19.734	19.788	VV	711	18591	0.22%	0.124%
265	19.853	19.788	19.941	VV	6204	156690	1.86%	1.048%
266	19.999	19.941	20.011	VV	903	33478	0.40%	0.224%
267	20.035	20.011	20.065	VV	936	27850	0.33%	0.186%
268	20.093	20.065	20.115	VV	1234	32248	0.38%	0.216%
269	20.140	20.115	20.190	VV	1463	51471	0.61%	0.344%

270	20.229	20.190	20.266	VV	4571	107566	1.28%	0.719%
271	20.283	20.266	20.308	VV	1485	34566	0.41%	0.231%
272	20.412	20.308	20.429	VV	1688	109429	1.30%	0.732%
273	20.466	20.429	20.482	VV	1858	54949	0.65%	0.367%
274	20.510	20.482	20.541	VV	2043	66975	0.80%	0.448%
275	20.599	20.541	20.635	VV	5341	170451	2.03%	1.139%
276	20.659	20.635	20.698	VV	2627	94318	1.12%	0.631%
277	20.877	20.698	20.908	VV	2875	335380	3.98%	2.242%
278	20.966	20.908	21.008	VV	4232	187723	2.23%	1.255%
279	21.100	21.008	21.191	VV	4787	396281	4.71%	2.649%
280	21.214	21.191	21.255	VV	2844	105127	1.25%	0.703%
281	21.278	21.255	21.318	VV	2594	93370	1.11%	0.624%
282	21.373	21.318	21.435	VV	3773	195352	2.32%	1.306%
283	21.438	21.435	21.461	VV	2502	36132	0.43%	0.242%
284	21.481	21.461	21.521	VV	2227	76384	0.91%	0.511%
285	21.532	21.521	21.568	VV	2095	57252	0.68%	0.383%
286	21.581	21.568	21.597	VV	2045	34234	0.41%	0.229%
287	21.607	21.597	21.675	VV	1916	84602	1.01%	0.566%
288	21.725	21.675	21.789	VV	1740	112949	1.34%	0.755%
289	21.833	21.789	21.918	VV	1999	122103	1.45%	0.816%
290	21.929	21.918	22.072	VV	1296	101162	1.20%	0.676%
291	22.081	22.072	22.118	VV	931	23774	0.28%	0.159%
292	22.144	22.118	22.181	VV	849	29045	0.35%	0.194%
293	22.207	22.181	22.268	VV	682	31735	0.38%	0.212%
294	22.281	22.268	22.298	VV	480	8300	0.10%	0.055%
295	22.351	22.298	22.487	VV	1147	54571	0.65%	0.365%
296	22.496	22.487	22.501	PBA	53	8196	0.10%	0.055%
Sum of corrected areas:						14958429		

Aliphatic EPH 102925.M Fri Nov 21 00:24:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016719.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 16:34
 Operator : YP\AJ
 Sample : PB170577BL
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170577BL

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 00:32:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 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...	8.002	5732178	50.583 ug/ml
Spiked Amount 50.000		Recovery =	101.17%
6) S 2-Fluorobiphenyl (SURR)	8.879	3797616	53.247 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.49%
11) S ortho-Terphenyl (SURR)	11.949	5908012	40.231 ug/ml
Spiked Amount 50.000		Recovery =	80.46%

Target Compounds

(f)=RT Delta > 1/2 Window

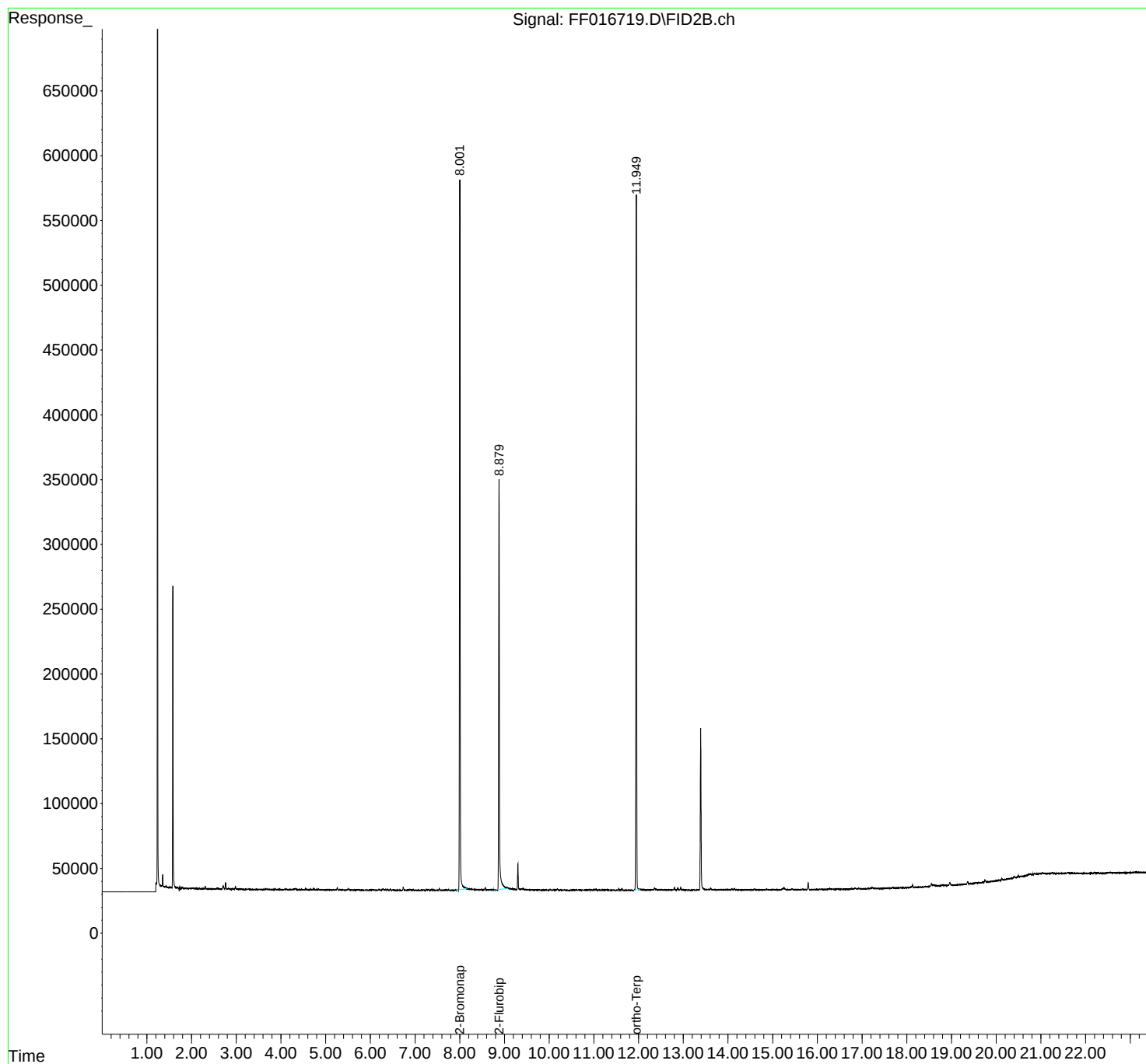
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016719.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 16:34
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 18 00:32:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

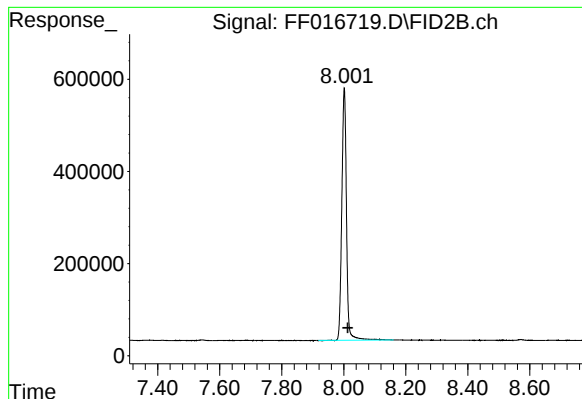
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



#4 2-Bromonaphthalene (SURR)

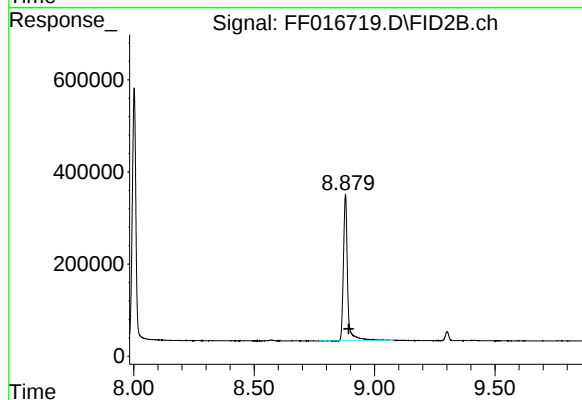
R.T.: 8.002 min
Delta R.T.: -0.011 min
Response: 5732178
Conc: 50.58 ug/ml

Instrument :
FID_F
ClientSampleId :
PB170577BL



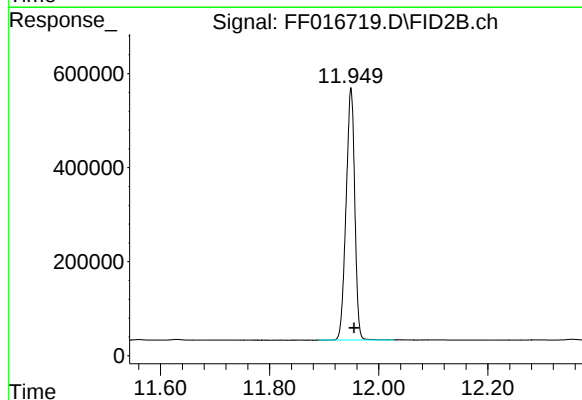
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: -0.014 min
Response: 3797616
Conc: 53.25 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.006 min
Response: 5908012
Conc: 40.23 ug/ml



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016719.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 16:34
 Sample : PB170577BL
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	8.002	7.917	8.161	BB	549443	5732178	97.02%	37.131%
2	8.879	8.766	9.079	BB	316707	3797616	64.28%	24.599%
3	11.949	11.889	12.027	BB	535848	5908012	100.00%	38.270%
Sum of corrected areas:						15437807		

Aromatic EPH 102925.M Tue Nov 18 01:11:45 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
 Data File : FG016957.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 11:09
 Operator : YP\AJ
 Sample : PB170577BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB170577BL

A

B

C

D

E

F

G

H

I

J

Integration File: autoint1.e
 Quant Time: Nov 20 23:49:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 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...	13.478	2987792	24.809 ug/ml
Spiked Amount 50.000		Recovery =	49.62%

Target Compounds

(f)=RT Delta > 1/2 Window

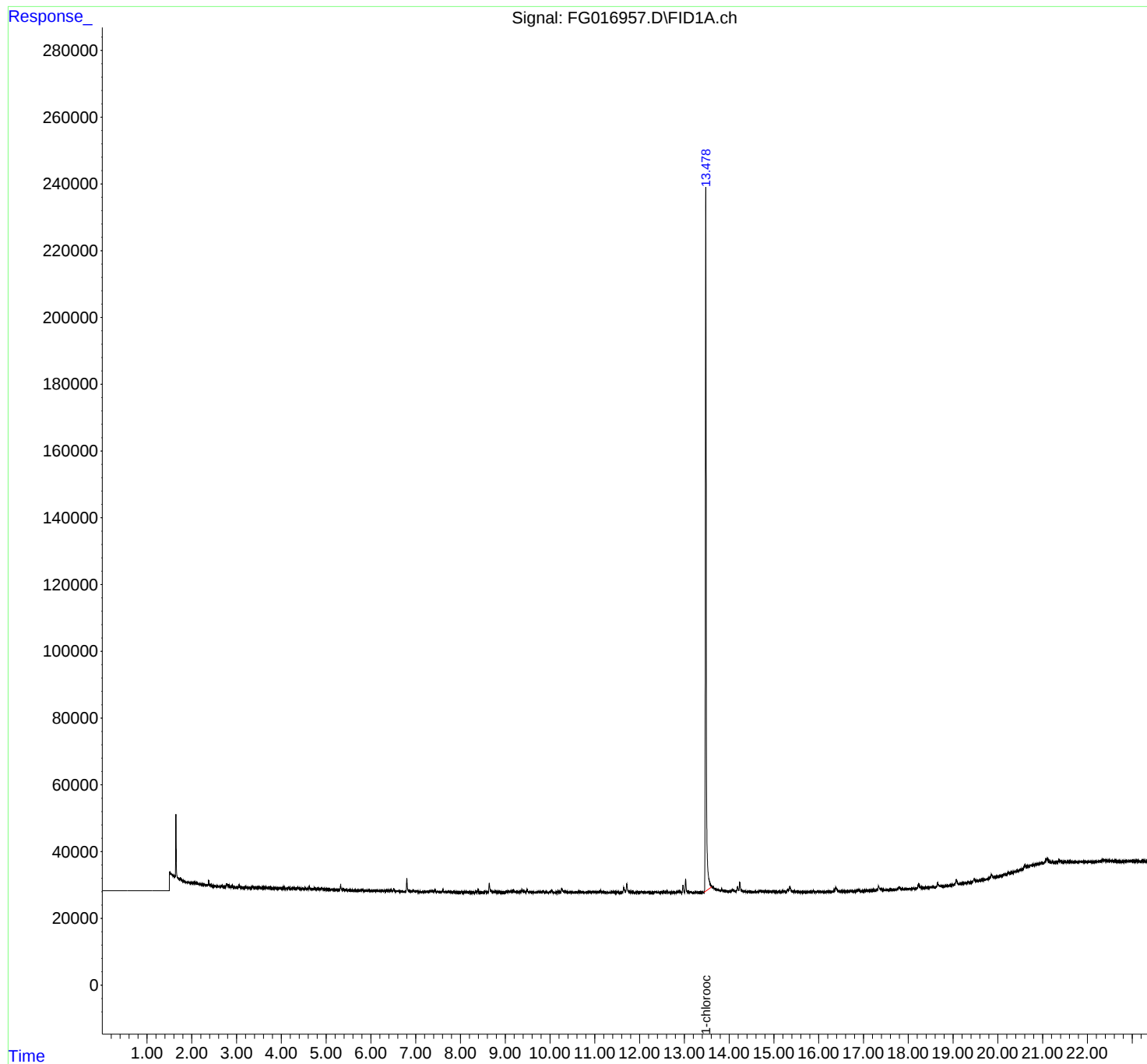
(m)=manual int.

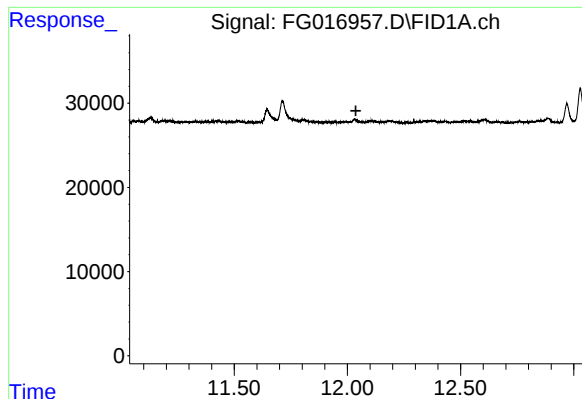
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016957.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 11:09
Operator : YP\AJ
Sample : PB170577BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BL

Integration File: autoint1.e
Quant Time: Nov 20 23:49:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

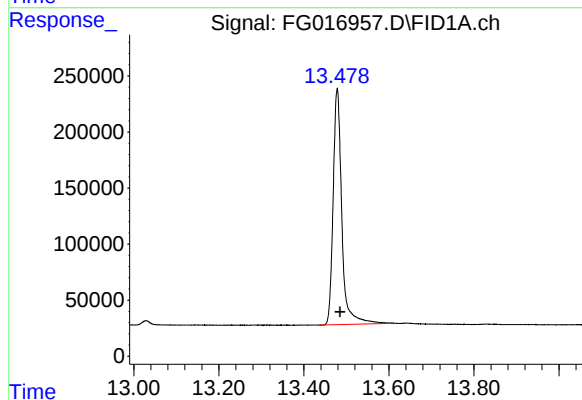




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.038 min
Response: 0
Conc: N.D.

Instrument :
FID_G
ClientSampleId :
PB170577BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.478 min
Delta R.T.: -0.007 min
Response: 2987792
Conc: 24.81 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
 Data File : FG016957.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 11:09
 Sample : PB170577BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	13.478	13.434	13.611	BB	210899	2987792	100.00%	100.000%
Sum of corrected areas:						2987792		

Aliphatic EPH 102925.M Fri Nov 21 00:22:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016717.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 15:00
 Operator : YP\AJ
 Sample : PB170577BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170577BS

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 21 05:49:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 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...	8.005	6657703	58.751 ug/ml
Spiked Amount 50.000		Recovery =	117.50%
6) S 2-Fluorobiphenyl (SURR)	8.883	4257234	59.691 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.38%
11) S ortho-Terphenyl (SURR)	11.951	6379745	43.443 ug/ml
Spiked Amount 50.000		Recovery =	86.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.595	4831557	36.704 ug/ml
2) T Naphthalene (C11.7)	6.273	5570293	42.106 ug/ml
3) T 2-Methylnaphthalene (...)	7.374	5383004	40.493 ug/ml
5) T Acenaphthylene (C15.06)	8.682	6059932	44.854 ug/ml
7) T Acenaphthene (C15.5)	8.982	6180754	44.964 ug/ml
8) T Flouorene (C16.55)	9.772	6201730	47.636 ug/ml
9) T Phenanthrene (C19.36)	11.183	6127707	46.342 ug/ml
10) T Anthracene (C19.43)	11.258	5794931	42.764 ug/ml
12) T Fluoranthene (C21.85)	13.008	6113638	44.548 ug/ml
13) T Pyrene (C20.8)	13.308	6077051	44.343 ug/ml
14) T Benzo[a]anthracene (C...	15.195	5600897	49.178 ug/ml
15) T Chrysene (C27.41)	15.240	6746858	47.811 ug/ml
16) T benzo[b]fluoranthene ...	16.761	5601581	50.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.795	5745237	47.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.143	5537035	50.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.524	6016839	69.921 ug/ml
20) T Dibenz[a,h]anthracene...	18.562	5648547	42.891 ug/ml
21) T Benzo[g,h,i]perylene ...	18.782	5812758	54.852 ug/ml

(f)=RT Delta > 1/2 Window

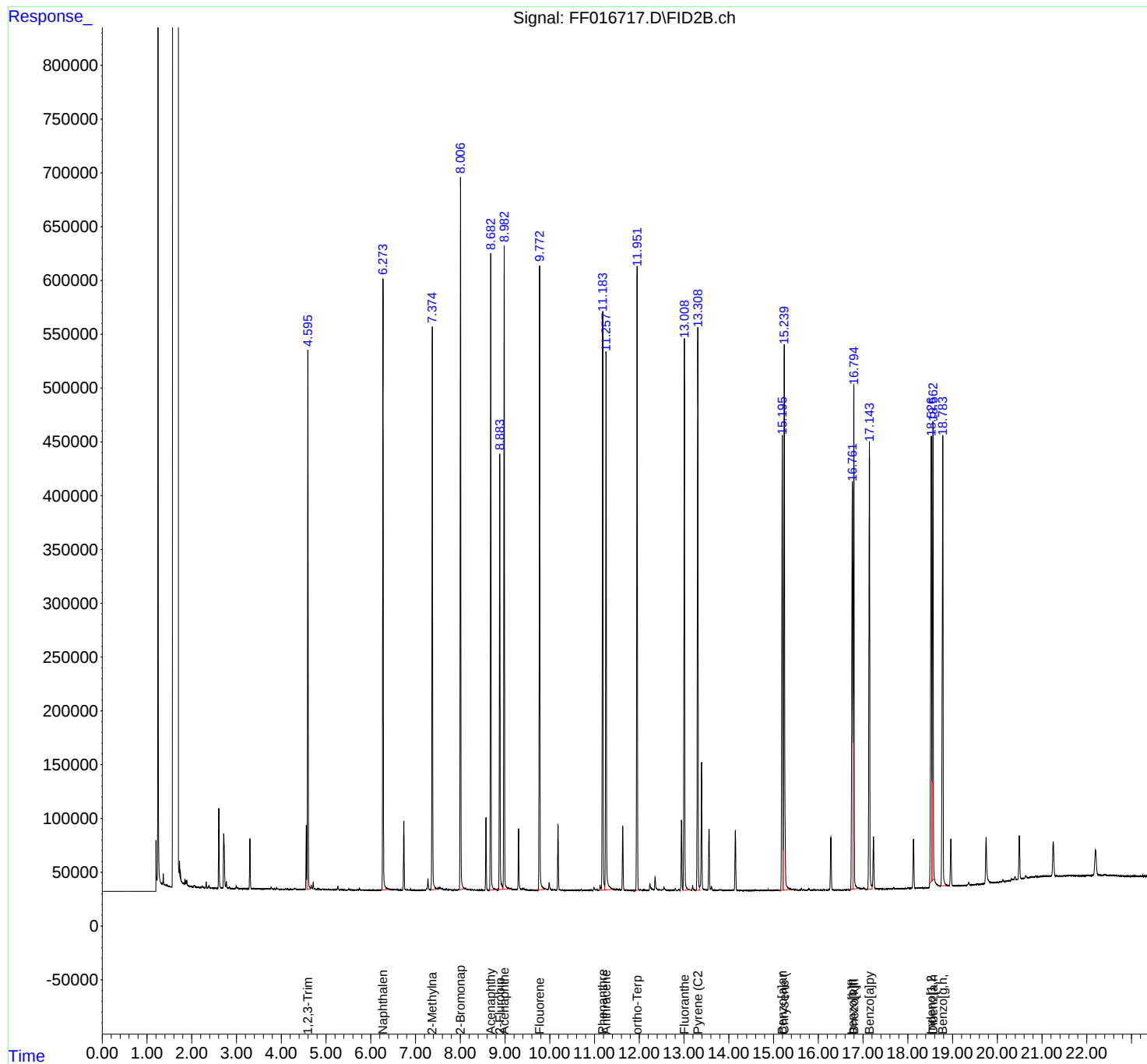
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016717.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:00
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 21 05:49:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016717.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 15:00
 Sample : PB170577BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH
 102925.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	4.595	4.574	4.650	VV	501419	4831557	71.61%	3.949%
2	6.273	6.214	6.415	BB	570064	5570293	82.56%	4.553%
3	7.374	7.334	7.499	PV	523162	5383004	79.79%	4.400%
4	8.005	7.973	8.097	PB	662404	6657703	98.68%	5.442%
5	8.682	8.634	8.794	BB	591962	6059932	89.82%	4.953%
6	8.883	8.824	8.950	BV	403159	4257234	63.10%	3.480%
7	8.982	8.950	9.102	VB	598036	6180754	91.61%	5.052%
8	9.772	9.705	9.922	BB	579847	6201730	91.92%	5.069%
9	11.183	11.140	11.227	VV	532082	6127707	90.82%	5.009%
10	11.258	11.227	11.422	VB	500712	5794931	85.89%	4.737%
11	11.951	11.889	12.009	BB	579974	6379745	94.56%	5.215%
12	13.008	12.972	13.130	VB	513847	6113638	90.61%	4.997%
13	13.308	13.245	13.347	BV	524917	6077051	90.07%	4.967%
14	15.195	15.127	15.215	BV	422348	5600897	83.01%	4.578%
15	15.240	15.215	15.400	VB	506847	6746858	100.00%	5.515%
16	16.761	16.684	16.777	BV	377623	5601581	83.03%	4.579%
17	16.795	16.777	16.882	VV	467995	5745237	85.15%	4.696%
18	17.143	17.077	17.202	BV	414452	5537035	82.07%	4.526%
19	18.524	18.487	18.540	BV	410687	6016839	89.18%	4.918%
20	18.562	18.540	18.595	VBA	423602	5648547	83.72%	4.617%
21	18.782	18.700	18.907	BB	418424	5812758	86.16%	4.751%
Sum of corrected areas:						122345031		

Aromatic EPH 102925.M Fri Nov 21 05:51:01 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
 Data File : FG016927.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2025 17:03
 Operator : YP\AJ
 Sample : PB170577BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB170577BS

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 01:21:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 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...	13.480	2963779	24.609 ug/ml
Spiked Amount 50.000		Recovery =	49.22%
Target Compounds			
1) T n-Nonane (C9)	3.359	2804944	22.514 ug/ml
2) T n-Decane (C10)	4.620	3435300	26.833 ug/ml
4) T n-Dodecane (C12)	6.801	3957455	30.352 ug/ml
6) T n-Tetradecane (C14)	8.641	4364637	34.164 ug/ml
7) T n-Hexadecane (C16)	10.260	4923717	37.263 ug/ml
8) T n-Octadecane (C18)	11.713	5489405	39.391 ug/ml
10) T n-Eicosane (C20)	13.033	5876850	42.044 ug/ml
11) T n-Heneicosane (C21)	13.650	5925713	42.621 ug/ml
13) T n-Docosane (C22)	14.241	5941144	41.993 ug/ml
14) T n-Tetracosane (C24)	15.352	5894260	40.089 ug/ml
15) T n-Hexacosane (C26)	16.380	5722039	39.003 ug/ml
16) T n-Octacosane (C28)	17.338	5504927	37.395 ug/ml
17) T n-Tricontane (C30)	18.230	5160890	34.107 ug/ml
18) T n-Dotriacontane (C32)	19.068	4912630	33.327 ug/ml
19) T n-Tetratriacontane (C34)	19.857	4732259	36.722 ug/ml
20) T n-Hexatriacontane (C36)	20.602	4515036	43.622 ug/ml
21) T n-Octatriacontane (C38)	21.377	4466309	50.661 ug/ml
22) T n-Tetracontane (C40)	22.361	4365526	55.754 ug/ml

(f)=RT Delta > 1/2 Window

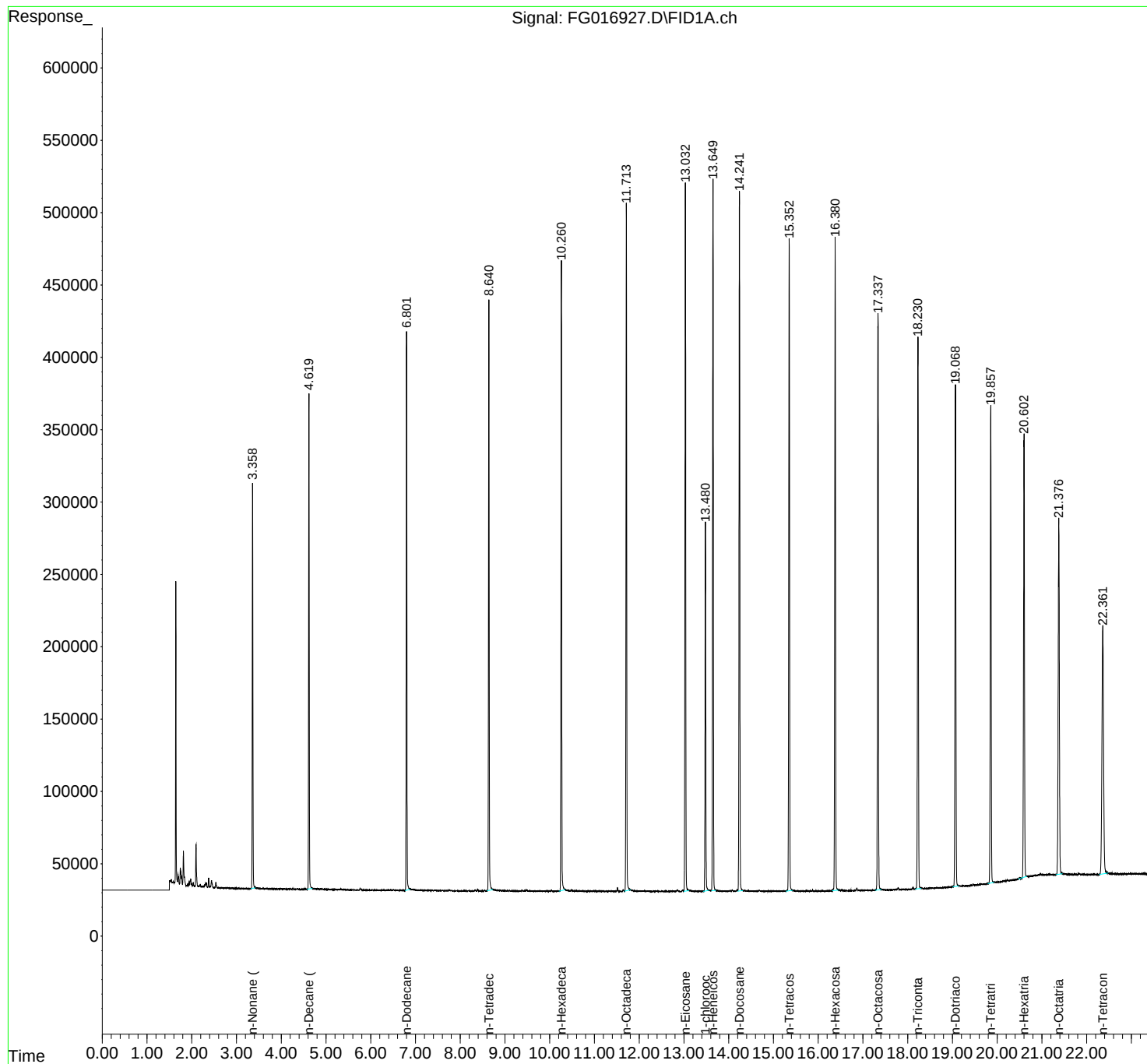
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016927.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:03
Operator : YP\AJ
Sample : PB170577BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BS

Integration File: autoint1.e
Quant Time: Nov 18 01:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
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_G\Data\FG111725AL\
 Data File : FG016927.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2025 17:03
 Sample : PB170577BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.359	3.320	3.423	BB	279917	2804944	47.21%	3.084%
2	4.620	4.576	4.697	BB	341925	3435300	57.82%	3.777%
3	6.801	6.767	6.882	BB	386110	3957455	66.61%	4.351%
4	8.641	8.598	8.730	BB	407525	4364637	73.46%	4.799%
5	10.260	10.212	10.350	BB	435418	4923717	82.87%	5.413%
6	11.713	11.668	11.804	BB	474436	5489405	92.40%	6.035%
7	13.033	12.993	13.112	BB	489242	5876850	98.92%	6.461%
8	13.480	13.434	13.561	BB	254805	2963779	49.89%	3.258%
9	13.650	13.612	13.716	BB	491323	5925713	99.74%	6.515%
10	14.241	14.203	14.318	VB	482940	5941144	100.00%	6.532%
11	15.352	15.278	15.427	BB	449410	5894260	99.21%	6.480%
12	16.380	16.310	16.454	BB	450366	5722039	96.31%	6.291%
13	17.338	17.272	17.414	BB	397900	5504927	92.66%	6.052%
14	18.230	18.166	18.305	BB	381986	5160890	86.87%	5.674%
15	19.068	19.010	19.141	BB	344736	4912630	82.69%	5.401%
16	19.857	19.794	19.930	BB	328810	4732259	79.65%	5.203%
17	20.602	20.471	20.666	BB	300280	4515036	76.00%	4.964%
18	21.377	21.314	21.458	BB	244764	4466309	75.18%	4.910%
19	22.361	22.278	22.477	BB	171723	4365526	73.48%	4.800%
Sum of corrected areas:						90956819		

Aliphatic EPH 102925.M Tue Nov 18 03:10:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016718.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 15:30
 Operator : YP\AJ
 Sample : PB170577BSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB170577BSD

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 00:31:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 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...	8.010	6072329	53.585 ug/ml
Spiked Amount 50.000		Recovery =	107.17%
6) S 2-Fluorobiphenyl (SURR)	8.886	3887536	54.507 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.01%
11) S ortho-Terphenyl (SURR)	11.953	5813344	39.586 ug/ml
Spiked Amount 50.000		Recovery =	79.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	4403045	33.449 ug/ml
2) T Naphthalene (C11.7)	6.278	5063189	38.273 ug/ml
3) T 2-Methylnaphthalene (...)	7.379	4893604	36.812 ug/ml
5) T Acenaphthylene (C15.06)	8.685	5518581	40.847 ug/ml
7) T Acenaphthene (C15.5)	8.986	5637635	41.013 ug/ml
8) T Flouorene (C16.55)	9.775	5688570	43.694 ug/ml
9) T Phenanthrene (C19.36)	11.185	5565665	42.091 ug/ml
10) T Anthracene (C19.43)	11.260	5289604	39.035 ug/ml
12) T Fluoranthene (C21.85)	13.010	5536930	40.345 ug/ml
13) T Pyrene (C20.8)	13.309	5505716	40.174 ug/ml
14) T Benzo[a]anthracene (C...	15.196	5059585	44.425 ug/ml
15) T Chrysene (C27.41)	15.239	6106210	43.271 ug/ml
16) T benzo[b]fluoranthene ...	16.760	5066867	45.591 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	5245149	42.942 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	5023019	45.768 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.522	5529130	64.254 ug/ml
20) T Dibenz[a,h]anthracene...	18.560	5457587	41.441 ug/ml
21) T Benzo[g,h,i]perylene ...	18.780	5218837	49.247 ug/ml

(f)=RT Delta > 1/2 Window

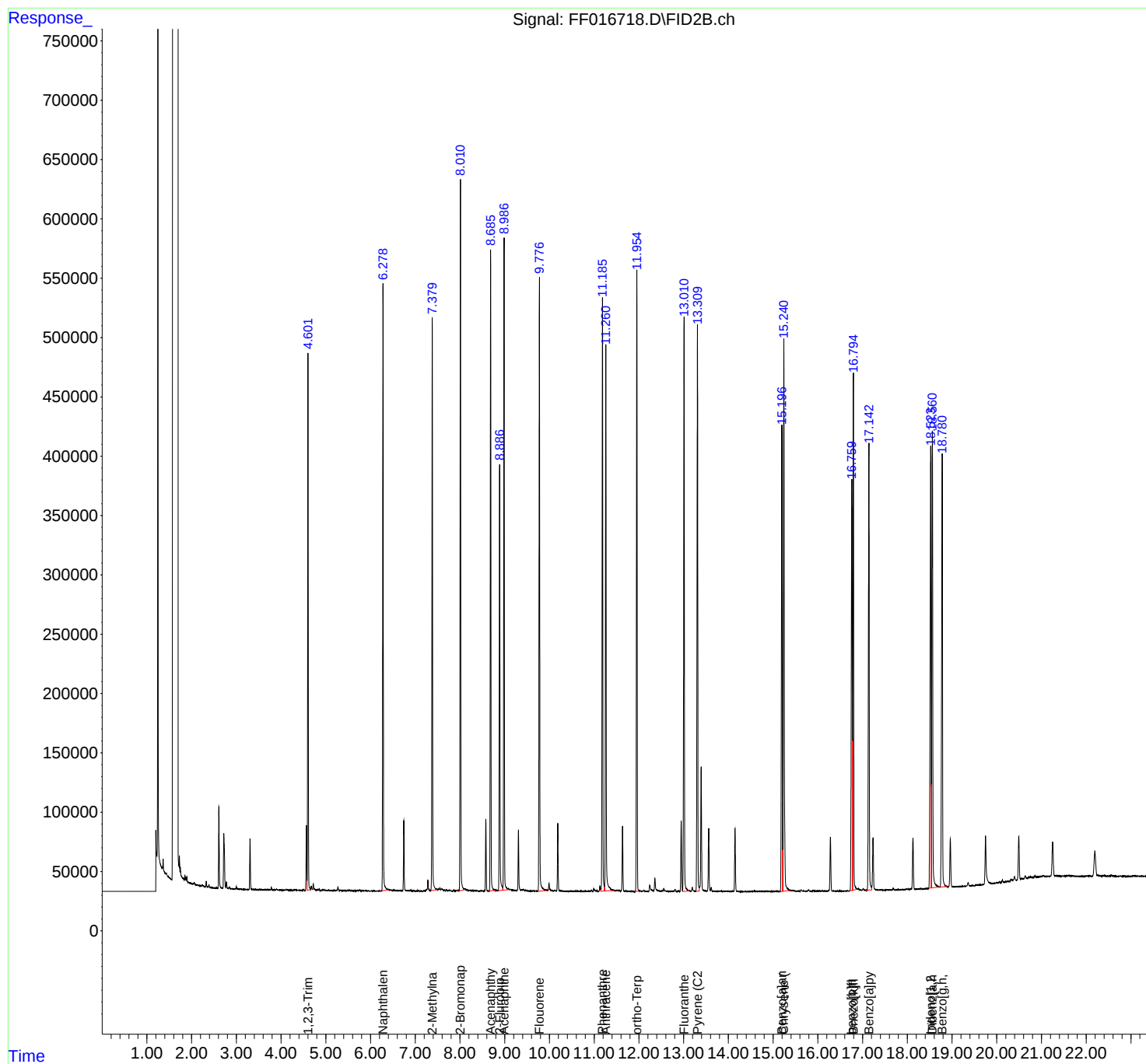
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016718.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 15:30
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 00:31:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016718.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 15:30
 Sample : PB170577BSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.601	4.581	4.658	VV	452000	4403045	72.11%	3.946%
2	6.278	6.247	6.411	BB	514147	5063189	82.92%	4.538%
3	7.379	7.342	7.499	PB	483248	4893604	80.14%	4.386%
4	8.010	7.979	8.122	PB	596923	6072329	99.45%	5.442%
5	8.685	8.649	8.796	BB	541494	5518581	90.38%	4.946%
6	8.886	8.852	8.956	BV	359715	3887536	63.67%	3.484%
7	8.986	8.956	9.104	VB	550593	5637635	92.33%	5.052%
8	9.775	9.729	9.946	BB	518543	5688570	93.16%	5.098%
9	11.185	11.142	11.231	VV	499215	5565665	91.15%	4.988%
10	11.260	11.231	11.452	VB	459103	5289604	86.63%	4.741%
11	11.953	11.904	12.009	BB	525797	5813344	95.20%	5.210%
12	13.010	12.976	13.134	VB	481551	5536930	90.68%	4.962%
13	13.309	13.269	13.349	BV	478333	5505716	90.17%	4.934%
14	15.196	15.147	15.215	BV	392972	5059585	82.86%	4.534%
15	15.239	15.215	15.391	VB	463969	6106210	100.00%	5.472%
16	16.760	16.704	16.776	BV	345763	5066867	82.98%	4.541%
17	16.794	16.776	16.881	VV	435469	5245149	85.90%	4.701%
18	17.142	17.074	17.204	BV	377194	5023019	82.26%	4.502%
19	18.522	18.481	18.538	BV	371668	5529130	90.55%	4.955%
20	18.560	18.538	18.731	VBA	383151	5457587	89.38%	4.891%
21	18.780	18.731	18.907	BB	364722	5218837	85.47%	4.677%
Sum of corrected areas:						111582132		

Aromatic EPH 102925.M Tue Nov 18 01:11:25 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
 Data File : FG016928.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2025 17:32
 Operator : YP\AJ
 Sample : PB170577BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB170577BSD

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 01:21:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 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...	13.480	2989856	24.826 ug/ml
Spiked Amount 50.000		Recovery =	49.65%
Target Compounds			
1) T n-Nonane (C9)	3.360	2827287	22.693 ug/ml
2) T n-Decane (C10)	4.620	3462741	27.048 ug/ml
4) T n-Dodecane (C12)	6.801	3986829	30.577 ug/ml
6) T n-Tetradecane (C14)	8.642	4398207	34.427 ug/ml
7) T n-Hexadecane (C16)	10.260	4955975	37.507 ug/ml
8) T n-Octadecane (C18)	11.713	5543784	39.782 ug/ml
10) T n-Eicosane (C20)	13.033	5930866	42.430 ug/ml
11) T n-Heneicosane (C21)	13.650	5981240	43.020 ug/ml
13) T n-Docosane (C22)	14.241	5989855	42.337 ug/ml
14) T n-Tetracosane (C24)	15.352	5940421	40.403 ug/ml
15) T n-Hexacosane (C26)	16.380	5763294	39.284 ug/ml
16) T n-Octacosane (C28)	17.336	5540881	37.640 ug/ml
17) T n-Tricontane (C30)	18.230	5185389	34.269 ug/ml
18) T n-Dotriacontane (C32)	19.069	4936378	33.488 ug/ml
19) T n-Tetratriacontane (C34)	19.857	4741496	36.794 ug/ml
20) T n-Hexatriacontane (C36)	20.599	4524199	43.710 ug/ml
21) T n-Octatriacontane (C38)	21.376	4475671	50.767 ug/ml
22) T n-Tetracontane (C40)	22.360	4376107	55.889 ug/ml

(f)=RT Delta > 1/2 Window

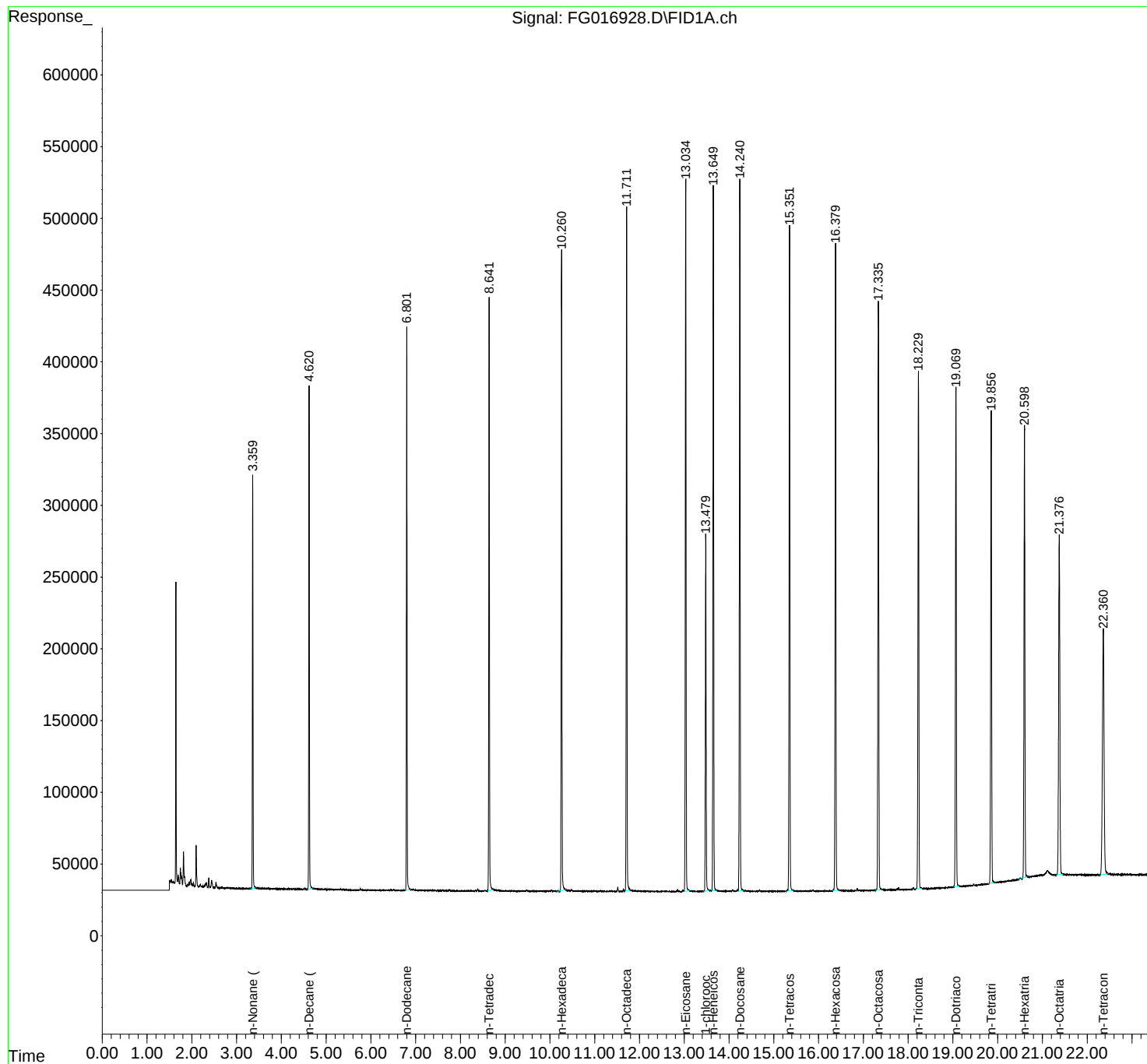
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
Data File : FG016928.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2025 17:32
Operator : YP\AJ
Sample : PB170577BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB170577BSD

Integration File: autoint1.e
Quant Time: Nov 18 01:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
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_G\Data\FG111725AL\
 Data File : FG016928.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2025 17:32
 Sample : PB170577BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.360	3.320	3.425	BB	288113	2827287	47.20%	3.088%
2	4.620	4.579	4.697	BB	350335	3462741	57.81%	3.782%
3	6.801	6.768	6.883	BB	392272	3986829	66.56%	4.355%
4	8.642	8.600	8.731	BB	413331	4398207	73.43%	4.804%
5	10.260	10.158	10.353	BB	446779	4955975	82.74%	5.413%
6	11.713	11.669	11.807	BB	476753	5543784	92.55%	6.055%
7	13.033	12.993	13.110	BB	496463	5930866	99.02%	6.478%
8	13.480	13.437	13.557	BB	247767	2989856	49.92%	3.266%
9	13.650	13.612	13.722	BB	490297	5981240	99.86%	6.533%
10	14.241	14.203	14.319	VB	496688	5989855	100.00%	6.543%
11	15.352	15.274	15.428	BB	459588	5940421	99.17%	6.489%
12	16.380	16.311	16.455	BB	449452	5763294	96.22%	6.295%
13	17.336	17.271	17.413	BB	409082	5540881	92.50%	6.052%
14	18.230	18.167	18.300	BB	360380	5185389	86.57%	5.664%
15	19.069	19.011	19.143	BB	345606	4936378	82.41%	5.392%
16	19.857	19.800	19.927	BB	328216	4741496	79.16%	5.179%
17	20.599	20.468	20.660	BB	312558	4524199	75.53%	4.942%
18	21.376	21.308	21.459	BB	234680	4475671	74.72%	4.889%
19	22.360	22.277	22.470	BB	171379	4376107	73.06%	4.780%
Sum of corrected areas:						91550475		

Aliphatic EPH 102925.M Tue Nov 18 03:10:33 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016726.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 19:59
 Operator : YP\AJ
 Sample : Q3586-03MS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SED-3MS

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 00:37:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 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...	8.010	5315856	46.909 ug/ml
Spiked Amount 50.000		Recovery =	93.82%
6) S 2-Fluorobiphenyl (SURR)	8.886	3581574	50.217 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.43%
11) S ortho-Terphenyl (SURR)	11.953	5071986	34.538 ug/ml
Spiked Amount 50.000		Recovery =	69.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3538094	26.878 ug/ml
2) T Naphthalene (C11.7)	6.279	3805926	28.769 ug/ml
3) T 2-Methylnaphthalene (...)	7.379	3552121	26.721 ug/ml
5) T Acenaphthylene (C15.06)	8.685	4214312	31.193 ug/ml
7) T Acenaphthene (C15.5)	8.985	4347782	31.629 ug/ml
8) T Flouorene (C16.55)	9.775	4520461	34.722 ug/ml
9) T Phenanthrene (C19.36)	11.183	4707887	35.604 ug/ml
10) T Anthracene (C19.43)	11.259	4841231	35.726 ug/ml
12) T Fluoranthene (C21.85)	13.009	4824625	35.155 ug/ml
13) T Pyrene (C20.8)	13.308	4732819	34.535 ug/ml
14) T Benzo[a]anthracene (C...	15.194	4349566	38.191 ug/ml
15) T Chrysene (C27.41)	15.238	5311265	37.638 ug/ml
16) T benzo[b]fluoranthene ...	16.759	4363504	39.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.792	4505349	36.885 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	4272748	38.932 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.520	4456686	51.791 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	4682768	35.558 ug/ml
21) T Benzo[g,h,i]perylene ...	18.777	4665573	44.026 ug/ml

(f)=RT Delta > 1/2 Window

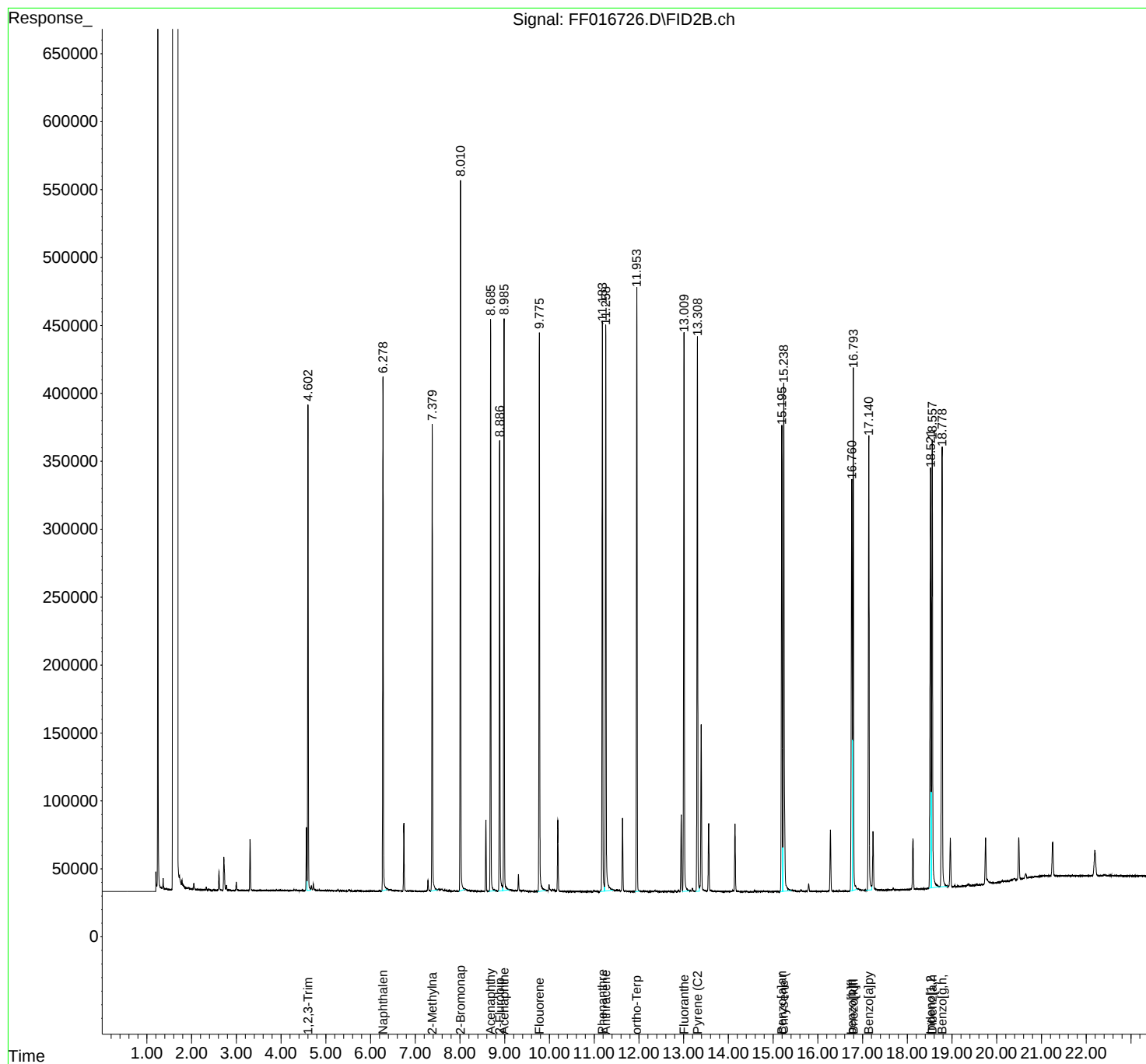
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016726.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 19:59
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 18 00:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016726.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 19:59
 Sample : Q3586-03MS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.478	4.446	4.499	VV	315	3762	0.07%	0.004%
2	4.511	4.499	4.527	PV	138	1365	0.03%	0.001%
3	4.567	4.527	4.582	VV	46586	453117	8.41%	0.431%
4	4.602	4.582	4.659	VV	358459	3548655	65.84%	3.372%
5	4.676	4.659	4.701	VV	3805	50884	0.94%	0.048%
6	4.721	4.701	4.753	VV	5217	68376	1.27%	0.065%
7	4.757	4.753	4.777	VV	781	8513	0.16%	0.008%
8	4.789	4.777	4.802	VV	419	5462	0.10%	0.005%
9	4.819	4.802	4.837	VV	546	7557	0.14%	0.007%
10	4.852	4.837	4.874	VV	726	10114	0.19%	0.010%
11	4.877	4.874	4.883	VV	242	1330	0.02%	0.001%
12	4.889	4.883	4.901	VV	290	2583	0.05%	0.002%
13	4.912	4.901	4.946	VV	288	5857	0.11%	0.006%
14	4.951	4.946	4.954	VV	250	1103	0.02%	0.001%
15	4.984	4.954	5.016	VV	360	8591	0.16%	0.008%
16	5.030	5.016	5.034	VV	269	2319	0.04%	0.002%
17	5.039	5.034	5.051	VV	266	2277	0.04%	0.002%
18	5.065	5.051	5.092	VV	346	6417	0.12%	0.006%
19	5.096	5.092	5.146	VV	217	4950	0.09%	0.005%
20	5.150	5.146	5.171	VV	268	2307	0.04%	0.002%
21	5.179	5.171	5.196	VV	268	2426	0.05%	0.002%
22	5.212	5.208	5.232	VV	145	1341	0.02%	0.001%
23	5.248	5.232	5.254	VV	292	3089	0.06%	0.003%
24	5.272	5.254	5.309	VV	1289	17999	0.33%	0.017%
25	5.329	5.309	5.352	VV	353	5785	0.11%	0.005%
26	5.360	5.352	5.373	VV	233	2137	0.04%	0.002%
27	5.390	5.373	5.409	VV	306	3701	0.07%	0.004%
28	5.414	5.409	5.431	VV	125	1166	0.02%	0.001%
29	5.442	5.431	5.494	VV	145	3313	0.06%	0.003%
30	5.516	5.494	5.554	PV	1186	19446	0.36%	0.018%
31	5.558	5.554	5.561	VV	276	1008	0.02%	0.001%
32	5.564	5.561	5.568	VV	308	1140	0.02%	0.001%
33	5.571	5.568	5.620	VV	340	5730	0.11%	0.005%
34	5.653	5.637	5.661	VV	181	1529	0.03%	0.001%
35	5.671	5.661	5.690	VV	218	2603	0.05%	0.002%
36	5.709	5.690	5.729	VV	510	7169	0.13%	0.007%

					rt	ret	area	%area	%total
37	5.754	5.729	5.777	VV	496	8510	0.16%	0.008%	
38	5.782	5.777	5.801	VV	101	1267	0.02%	0.001%	
39	5.811	5.801	5.841	VV	143	2120	0.04%	0.002%	
40	5.904	5.841	5.927	PV	238	5543	0.10%	0.005%	
41	5.954	5.941	5.969	PV	121	1383	0.03%	0.001%	
42	5.976	5.969	5.987	VV	170	1214	0.02%	0.001%	
43	6.023	5.987	6.041	VV	273	5524	0.10%	0.005%	
44	6.059	6.041	6.072	VV	255	3151	0.06%	0.003%	
45	6.080	6.072	6.122	VV	253	4480	0.08%	0.004%	
46	6.136	6.130	6.163	VV	184	2408	0.04%	0.002%	
47	6.196	6.163	6.237	VV	642	10730	0.20%	0.010%	
48	6.243	6.237	6.249	VV	232	1472	0.03%	0.001%	
49	6.279	6.249	6.377	VV	378524	3867840	71.76%	3.675%	
50	6.387	6.377	6.423	VV	1786	36914	0.68%	0.035%	
51	6.430	6.423	6.436	VV	900	6728	0.12%	0.006%	
52	6.456	6.436	6.494	VV	1586	33926	0.63%	0.032%	
53	6.499	6.494	6.503	VV	615	3055	0.06%	0.003%	
54	6.506	6.503	6.517	VV	615	5121	0.10%	0.005%	
55	6.525	6.517	6.555	VV	677	13283	0.25%	0.013%	
56	6.561	6.555	6.575	VV	563	5651	0.10%	0.005%	
57	6.584	6.575	6.611	VV	580	10519	0.20%	0.010%	
58	6.615	6.611	6.634	VV	451	5645	0.10%	0.005%	
59	6.640	6.634	6.660	VV	427	5432	0.10%	0.005%	
60	6.665	6.660	6.678	VV	360	3295	0.06%	0.003%	
61	6.681	6.678	6.715	VV	354	5565	0.10%	0.005%	
62	6.745	6.715	6.812	VV	50411	519378	9.64%	0.493%	
63	6.830	6.812	6.845	VV	525	7976	0.15%	0.008%	
64	6.866	6.845	6.883	VV	443	8119	0.15%	0.008%	
65	6.899	6.883	6.919	VV	681	9740	0.18%	0.009%	
66	6.938	6.919	6.959	VV	362	6062	0.11%	0.006%	
67	6.972	6.959	6.991	VV	546	6253	0.12%	0.006%	
68	6.998	6.991	7.005	VV	211	1446	0.03%	0.001%	
69	7.010	7.005	7.020	VV	205	1733	0.03%	0.002%	
70	7.033	7.020	7.057	VV	311	4135	0.08%	0.004%	
71	7.070	7.057	7.082	VV	173	2113	0.04%	0.002%	
72	7.087	7.082	7.114	VV	221	2664	0.05%	0.003%	
73	7.147	7.130	7.156	VV	204	2169	0.04%	0.002%	
74	7.159	7.156	7.174	VV	195	1198	0.02%	0.001%	
75	7.201	7.185	7.219	PV	349	3442	0.06%	0.003%	
76	7.283	7.231	7.344	VV	8375	114833	2.13%	0.109%	
77	7.379	7.344	7.489	VV	344027	3616505	67.09%	3.436%	
78	7.493	7.489	7.502	VV	1417	10383	0.19%	0.010%	
79	7.519	7.502	7.536	VV	1930	30404	0.56%	0.029%	
80	7.552	7.536	7.564	VV	1793	24520	0.45%	0.023%	
81	7.584	7.564	7.598	VV	1911	30810	0.57%	0.029%	
82	7.606	7.598	7.641	VV	1612	27575	0.51%	0.026%	
83	7.660	7.641	7.685	VV	1287	23757	0.44%	0.023%	
84	7.695	7.685	7.727	VV	868	16012	0.30%	0.015%	
85	7.731	7.727	7.737	VV	532	2837	0.05%	0.003%	
86	7.759	7.737	7.765	VV	723	9845	0.18%	0.009%	
87	7.770	7.765	7.815	VV	644	13815	0.26%	0.013%	
88	7.867	7.815	7.890	VV	729	16599	0.31%	0.016%	
89	7.911	7.890	7.941	VV	324	8683	0.16%	0.008%	

					rt	ter		
90	7.963	7.941	7.978	VV	487	6560	0.12%	0.006%
91	8.010	7.978	8.112	VV	524037	5390152	100.00%	5.121%
92	8.122	8.112	8.216	VV	1785	69219	1.28%	0.066%
93	8.223	8.216	8.247	VV	705	11645	0.22%	0.011%
94	8.252	8.247	8.259	VV	561	3506	0.07%	0.003%
95	8.273	8.259	8.309	VV	688	16027	0.30%	0.015%
96	8.326	8.309	8.356	VV	668	13462	0.25%	0.013%
97	8.361	8.356	8.381	VV	384	4742	0.09%	0.005%
98	8.400	8.381	8.454	VV	375	10368	0.19%	0.010%
99	8.481	8.454	8.499	VV	536	8821	0.16%	0.008%
100	8.503	8.499	8.508	VV	311	1476	0.03%	0.001%
101	8.511	8.508	8.524	VV	278	1970	0.04%	0.002%
102	8.529	8.524	8.545	VV	217	2082	0.04%	0.002%
103	8.579	8.545	8.651	VV	52646	545449	10.12%	0.518%
104	8.685	8.651	8.800	VV	421778	4261903	79.07%	4.049%
105	8.811	8.800	8.853	VV	847	18252	0.34%	0.017%
106	8.886	8.853	8.955	VV	331420	3616461	67.09%	3.436%
107	8.985	8.955	9.106	VV	422386	4444152	82.45%	4.223%
108	9.110	9.106	9.115	VV	1441	7682	0.14%	0.007%
109	9.118	9.115	9.168	VV	1431	36727	0.68%	0.035%
110	9.173	9.168	9.176	VV	923	3931	0.07%	0.004%
111	9.183	9.176	9.223	VV	917	21797	0.40%	0.021%
112	9.237	9.223	9.251	VV	785	11668	0.22%	0.011%
113	9.255	9.251	9.259	VV	686	3199	0.06%	0.003%
114	9.275	9.259	9.282	VV	844	10411	0.19%	0.010%
115	9.308	9.282	9.372	VV	12813	158045	2.93%	0.150%
116	9.389	9.372	9.398	VV	830	11298	0.21%	0.011%
117	9.423	9.398	9.444	VV	1040	22440	0.42%	0.021%
118	9.446	9.444	9.452	VV	591	2741	0.05%	0.003%
119	9.462	9.452	9.479	VV	650	8720	0.16%	0.008%
120	9.482	9.479	9.486	VV	419	1644	0.03%	0.002%
121	9.495	9.486	9.526	VV	499	7567	0.14%	0.007%
122	9.547	9.526	9.583	VV	323	7330	0.14%	0.007%
123	9.596	9.583	9.623	VV	309	5236	0.10%	0.005%
124	9.627	9.623	9.635	VV	239	1222	0.02%	0.001%
125	9.648	9.635	9.677	VV	214	3283	0.06%	0.003%
126	9.686	9.677	9.702	VV	159	2201	0.04%	0.002%
127	9.704	9.702	9.739	VV	348	2461	0.05%	0.002%
128	9.775	9.739	9.957	VV	412292	4604989	85.43%	4.375%
129	9.992	9.957	10.016	VV	5241	81997	1.52%	0.078%
130	10.020	10.016	10.045	VV	1593	20143	0.37%	0.019%
131	10.067	10.045	10.097	VV	1947	40735	0.76%	0.039%
132	10.103	10.097	10.157	VV	1170	27409	0.51%	0.026%
133	10.187	10.157	10.249	VV	52729	604009	11.21%	0.574%
134	10.258	10.249	10.328	VV	437	13022	0.24%	0.012%
135	10.333	10.328	10.342	VV	211	1556	0.03%	0.001%
136	10.348	10.342	10.354	VV	230	1450	0.03%	0.001%
137	10.359	10.354	10.371	VV	217	1943	0.04%	0.002%
138	10.375	10.371	10.392	VV	246	1771	0.03%	0.002%
139	10.420	10.392	10.429	VV	250	3696	0.07%	0.004%
140	10.434	10.429	10.451	VV	159	1074	0.02%	0.001%
141	10.468	10.451	10.502	VV	332	6253	0.12%	0.006%

					rteres			
142	10.511	10.502	10.550	VV	283	5627	0.10%	0.005%
143	10.563	10.550	10.567	VV	215	1582	0.03%	0.002%
144	10.581	10.567	10.600	VV	265	4192	0.08%	0.004%
145	10.615	10.600	10.656	VV	320	6053	0.11%	0.006%
146	10.673	10.656	10.691	VV	202	2538	0.05%	0.002%
147	10.709	10.691	10.734	VV	327	4965	0.09%	0.005%
148	10.749	10.734	10.769	VV	188	2838	0.05%	0.003%
149	10.792	10.769	10.802	VV	230	2921	0.05%	0.003%
150	10.813	10.802	10.840	VV	302	4661	0.09%	0.004%
151	10.883	10.840	10.899	VV	293	6963	0.13%	0.007%
152	10.903	10.899	10.911	VV	281	1607	0.03%	0.002%
153	10.928	10.911	10.962	VV	315	5587	0.10%	0.005%
154	10.995	10.962	11.042	PV	1025	24876	0.46%	0.024%
155	11.059	11.042	11.094	VV	502	8304	0.15%	0.008%
156	11.116	11.110	11.132	VV	188	1881	0.03%	0.002%
157	11.183	11.132	11.229	VV	420729	4729111	87.74%	4.493%
158	11.259	11.229	11.424	VV	417532	4949149	91.82%	4.702%
159	11.436	11.424	11.481	VV	1485	38530	0.71%	0.037%
160	11.504	11.481	11.544	VV	1390	43742	0.81%	0.042%
161	11.564	11.544	11.599	VV	1509	33190	0.62%	0.032%
162	11.634	11.599	11.693	VV	54197	651691	12.09%	0.619%
163	11.712	11.693	11.758	VV	749	20410	0.38%	0.019%
164	11.768	11.758	11.779	VV	347	3809	0.07%	0.004%
165	11.790	11.779	11.811	VV	339	5314	0.10%	0.005%
166	11.831	11.811	11.843	VV	306	4512	0.08%	0.004%
167	11.848	11.843	11.859	VV	208	1813	0.03%	0.002%
168	11.865	11.859	11.889	VV	234	2610	0.05%	0.002%
169	11.895	11.889	11.912	VV	143	1422	0.03%	0.001%
170	11.953	11.912	12.011	VV	442741	5090771	94.45%	4.837%
171	12.014	12.011	12.041	VV	662	10449	0.19%	0.010%
172	12.047	12.041	12.071	VV	552	7202	0.13%	0.007%
173	12.114	12.071	12.130	VV	714	16731	0.31%	0.016%
174	12.141	12.130	12.166	VV	373	6689	0.12%	0.006%
175	12.174	12.166	12.194	VV	290	4157	0.08%	0.004%
176	12.204	12.201	12.222	VV	227	1857	0.03%	0.002%
177	12.229	12.222	12.258	VV	238	3927	0.07%	0.004%
178	12.270	12.258	12.276	VV	268	2292	0.04%	0.002%
179	12.297	12.276	12.323	VV	460	9647	0.18%	0.009%
180	12.327	12.323	12.332	VV	273	1320	0.02%	0.001%
181	12.358	12.332	12.378	VV	1229	17193	0.32%	0.016%
182	12.397	12.378	12.431	VV	808	12594	0.23%	0.012%
183	12.441	12.431	12.461	VV	180	2695	0.05%	0.003%
184	12.469	12.461	12.483	VV	198	1558	0.03%	0.001%
185	12.513	12.483	12.536	VV	272	5513	0.10%	0.005%
186	12.537	12.536	12.556	VV	204	1442	0.03%	0.001%
187	12.571	12.556	12.577	VV	256	2315	0.04%	0.002%
188	12.583	12.577	12.608	VV	317	3908	0.07%	0.004%
189	12.630	12.617	12.644	VV	305	3561	0.07%	0.003%
190	12.661	12.644	12.672	VV	530	6054	0.11%	0.006%
191	12.684	12.672	12.700	VV	346	4387	0.08%	0.004%
192	12.733	12.700	12.745	VV	291	5833	0.11%	0.006%
193	12.771	12.753	12.782	VV	289	4254	0.08%	0.004%
194	12.809	12.782	12.841	VV	975	15414	0.29%	0.015%

rteres								
195	12.883	12.841	12.910	VV	1268	21114	0.39%	0.020%
196	12.946	12.910	12.975	VV	56587	668160	12.40%	0.635%
197	13.009	12.975	13.142	VV	412038	4874637	90.44%	4.632%
198	13.150	13.142	13.167	VV	790	10569	0.20%	0.010%
199	13.195	13.167	13.253	VV	2619	51460	0.95%	0.049%
200	13.258	13.253	13.269	VV	415	3616	0.07%	0.003%
201	13.308	13.269	13.351	VV	410377	4754373	88.20%	4.517%
202	13.393	13.351	13.524	VV	123258	1614833	29.96%	1.534%
203	13.560	13.524	13.602	VV	50412	637964	11.84%	0.606%
204	13.614	13.602	13.671	VV	1176	27252	0.51%	0.026%
205	13.684	13.671	13.731	VV	354	11259	0.21%	0.011%
206	13.738	13.731	13.744	VV	336	2225	0.04%	0.002%
207	13.753	13.744	13.761	VV	394	3472	0.06%	0.003%
208	13.765	13.761	13.769	VV	385	1924	0.04%	0.002%
209	13.779	13.769	13.803	VV	419	6793	0.13%	0.006%
210	13.809	13.803	13.832	VV	344	4849	0.09%	0.005%
211	13.838	13.832	13.844	VV	353	2246	0.04%	0.002%
212	13.850	13.844	13.868	VV	333	3678	0.07%	0.003%
213	13.874	13.868	13.884	VV	186	1526	0.03%	0.001%
214	13.896	13.884	13.907	VV	249	2635	0.05%	0.003%
215	13.912	13.907	13.923	VV	209	1591	0.03%	0.002%
216	13.944	13.932	13.951	VV	248	2135	0.04%	0.002%
217	13.971	13.951	14.004	VV	314	7970	0.15%	0.008%
218	14.016	14.004	14.049	VV	314	5387	0.10%	0.005%
219	14.098	14.064	14.117	VV	1271	19158	0.36%	0.018%
220	14.148	14.117	14.231	VV	50016	633282	11.75%	0.602%
221	14.264	14.231	14.319	VV	284	9016	0.17%	0.009%
222	14.326	14.319	14.344	VV	176	1880	0.03%	0.002%
223	14.353	14.344	14.374	VV	180	2575	0.05%	0.002%
224	14.381	14.374	14.404	VV	151	2564	0.05%	0.002%
225	14.407	14.404	14.424	VV	224	1562	0.03%	0.001%
226	14.431	14.424	14.466	VV	132	2121	0.04%	0.002%
227	14.473	14.466	14.510	VV	133	1984	0.04%	0.002%
228	14.527	14.510	14.564	PV	98	1773	0.03%	0.002%
229	14.588	14.564	14.621	VV	1073	15981	0.30%	0.015%
230	14.628	14.621	14.645	VV	191	2091	0.04%	0.002%
231	14.653	14.645	14.668	VV	155	1750	0.03%	0.002%
232	14.675	14.668	14.689	VV	120	1374	0.03%	0.001%
233	14.713	14.689	14.736	VV	336	4691	0.09%	0.004%
234	14.751	14.736	14.767	VV	203	2679	0.05%	0.003%
235	14.787	14.767	14.837	VV	452	12039	0.22%	0.011%
236	14.872	14.837	14.904	VV	298	8605	0.16%	0.008%
237	14.918	14.904	14.959	VV	202	4753	0.09%	0.005%
238	14.975	14.959	14.992	VV	164	2678	0.05%	0.003%
239	15.052	14.992	15.086	VV	268	8425	0.16%	0.008%
240	15.095	15.086	15.131	VV	175	2980	0.06%	0.003%
241	15.194	15.131	15.214	PV	343387	4355674	80.81%	4.139%
242	15.238	15.214	15.371	VV	372775	5347022	99.20%	5.080%
243	15.373	15.371	15.409	VV	1574	24571	0.46%	0.023%
244	15.422	15.409	15.459	VV	950	24054	0.45%	0.023%
245	15.475	15.459	15.549	VV	864	26706	0.50%	0.025%
246	15.561	15.549	15.597	VV	491	8938	0.17%	0.008%

					rterres			
247	15.625	15.597	15.666	VV	1256	23880	0.44%	0.023%
248	15.673	15.666	15.727	VV	295	7619	0.14%	0.007%
249	15.734	15.727	15.753	VV	208	2662	0.05%	0.003%
250	15.795	15.753	15.828	VV	5614	80864	1.50%	0.077%
251	15.837	15.828	15.879	VV	303	4320	0.08%	0.004%
252	15.906	15.879	15.939	VV	297	6142	0.11%	0.006%
253	15.959	15.939	15.979	VV	151	2985	0.06%	0.003%
254	15.986	15.979	16.021	VV	174	1928	0.04%	0.002%
255	16.100	16.021	16.126	PV	206	5592	0.10%	0.005%
256	16.145	16.126	16.159	VV	192	2676	0.05%	0.003%
257	16.168	16.159	16.194	VV	150	2071	0.04%	0.002%
258	16.282	16.194	16.331	VV	45382	596298	11.06%	0.567%
259	16.342	16.331	16.369	VV	283	3834	0.07%	0.004%
260	16.425	16.395	16.452	VV	151	2524	0.05%	0.002%
261	16.475	16.452	16.516	VV	508	7880	0.15%	0.007%
262	16.594	16.516	16.616	PV	137	4510	0.08%	0.004%
263	16.624	16.616	16.653	VV	132	1664	0.03%	0.002%
264	16.686	16.653	16.692	PV	97	1097	0.02%	0.001%
265	16.759	16.692	16.775	VV	302923	4372918	81.13%	4.155%
266	16.792	16.775	16.887	VV	383241	4562052	84.64%	4.335%
267	16.906	16.887	16.999	VV	1511	59471	1.10%	0.057%
268	17.016	16.999	17.059	VV	524	14411	0.27%	0.014%
269	17.070	17.059	17.097	VV	407	7302	0.14%	0.007%
270	17.140	17.097	17.206	VV	335918	4304062	79.85%	4.090%
271	17.235	17.206	17.401	VV	43427	671909	12.47%	0.638%
272	17.407	17.401	17.455	VV	231	5527	0.10%	0.005%
273	17.472	17.455	17.487	VV	155	2106	0.04%	0.002%
274	17.574	17.487	17.611	PV	287	11738	0.22%	0.011%
275	17.618	17.611	17.639	VV	153	1822	0.03%	0.002%
276	17.685	17.639	17.754	VV	1249	23605	0.44%	0.022%
277	17.784	17.754	17.809	VV	202	4582	0.09%	0.004%
278	17.817	17.809	17.837	VV	123	1412	0.03%	0.001%
279	17.875	17.837	17.884	VV	122	2840	0.05%	0.003%
280	17.904	17.884	17.933	VV	181	2794	0.05%	0.003%
281	18.016	17.933	18.049	PV	267	9873	0.18%	0.009%
282	18.127	18.049	18.166	PV	37295	539042	10.00%	0.512%
283	18.218	18.166	18.242	VV	537	10449	0.19%	0.010%
284	18.320	18.242	18.382	VV	234	9965	0.18%	0.009%
285	18.411	18.382	18.432	PV	242	3271	0.06%	0.003%
286	18.450	18.432	18.472	PV	230	2597	0.05%	0.002%
287	18.520	18.472	18.536	PV	310267	4466090	82.86%	4.243%
288	18.557	18.536	18.731	VV	329764	4704492	87.28%	4.470%
289	18.777	18.731	18.851	PBA	323254	4614148	85.60%	4.384%
Sum of corrected areas:					105246081			

Aromatic EPH 102925.M Tue Nov 18 01:17:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
 Data File : FG016960.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 14:56
 Operator : YP\AJ
 Sample : Q3586-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SED-3MS

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 20 23:50:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 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...	13.480	6757299	56.108 ug/ml
Spiked Amount 50.000		Recovery =	112.22%
Target Compounds			
1) T n-Nonane (C9)	3.358	2349323	18.857 ug/ml
2) T n-Decane (C10)	4.618	2856087	22.309 ug/ml
4) T n-Dodecane (C12)	6.799	3223110	24.720 ug/ml
6) T n-Tetradecane (C14)	8.639	3469697	27.159 ug/ml
7) T n-Hexadecane (C16)	10.257	3970719	30.050 ug/ml
8) T n-Octadecane (C18)	11.710	4356154	31.259 ug/ml
10) T n-Eicosane (C20)	13.029	4575659	32.735 ug/ml
11) T n-Heneicosane (C21)	13.646	4564393	32.830 ug/ml
13) T n-Docosane (C22)	14.235	4568019	32.288 ug/ml
14) T n-Tetracosane (C24)	15.346	4523095	30.763 ug/ml
15) T n-Hexacosane (C26)	16.374	4385256	29.891 ug/ml
16) T n-Octacosane (C28)	17.330	4211681	28.610 ug/ml
17) T n-Tricontane (C30)	18.223	3962378	26.186 ug/ml
18) T n-Dotriacontane (C32)	19.060	3773323	25.598 ug/ml
19) T n-Tetratriacontane (C34)	19.849	3572245	27.721 ug/ml
20) T n-Hexatriacontane (C36)	20.593	3332671	32.198 ug/ml
21) T n-Octatriacontane (C38)	21.368	3219488	36.518 ug/ml
22) T n-Tetracontane (C40)	22.346	3074311	39.263 ug/ml

(f)=RT Delta > 1/2 Window

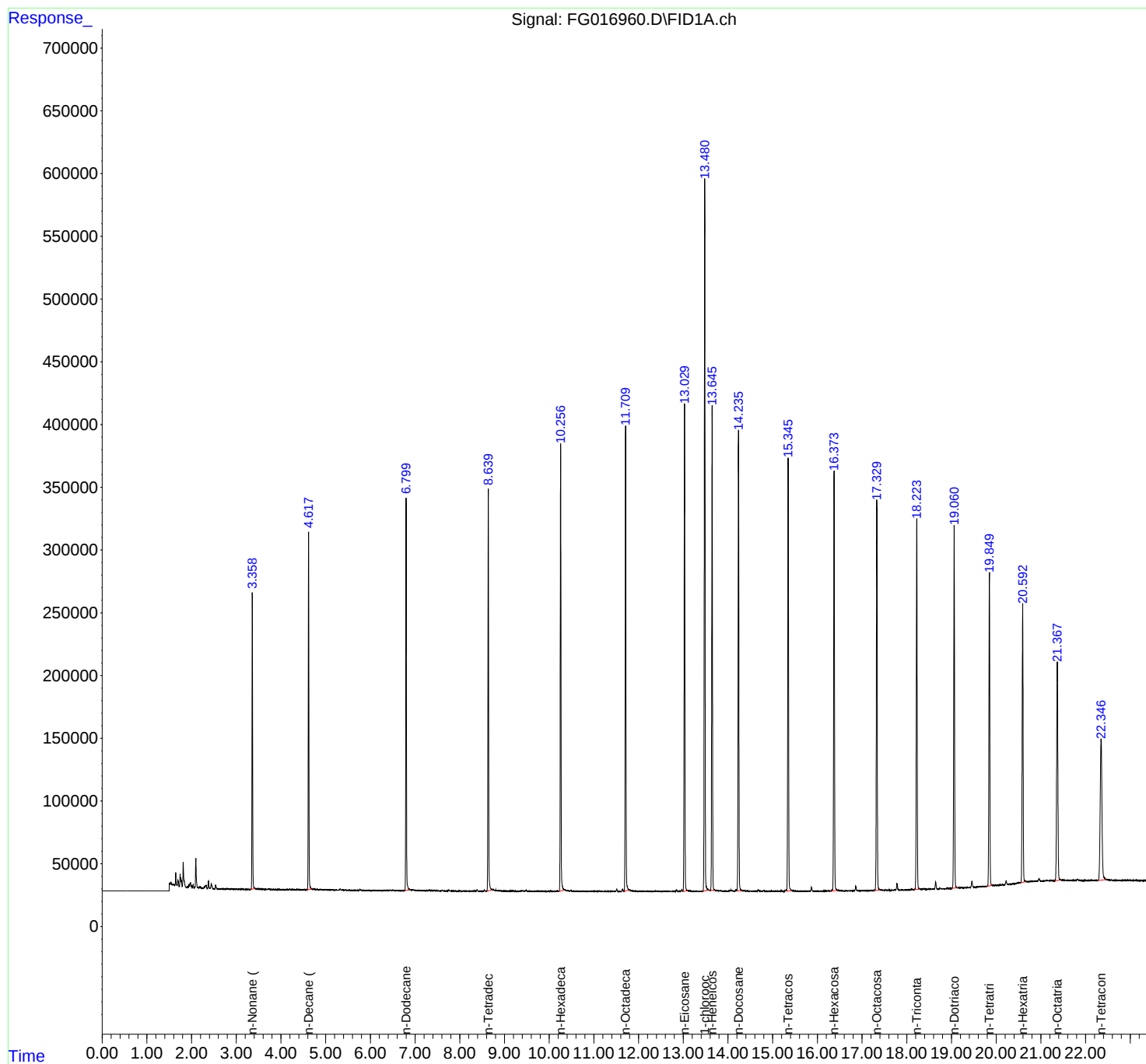
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016960.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 14:56
Operator : YP\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3MS

Integration File: autoint1.e
Quant Time: Nov 20 23:50:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
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_G\Data\FG112025AL\
 Data File : FG016960.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 14:56
 Sample : Q3586-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.289	3.238	3.324	BV	23	-463	-0.01%	-0.001%
2	3.358	3.324	3.523	PV	236223	2396405	35.06%	3.013%
3	3.530	3.523	3.555	VV	271	4778	0.07%	0.006%
4	3.573	3.555	3.589	VV	268	4392	0.06%	0.006%
5	3.602	3.589	3.622	VV	266	4462	0.07%	0.006%
6	3.640	3.622	3.661	VV	266	4235	0.06%	0.005%
7	3.672	3.661	3.713	VV	282	6433	0.09%	0.008%
8	3.735	3.713	3.790	VV	245	7573	0.11%	0.010%
9	3.810	3.790	3.838	VV	186	3122	0.05%	0.004%
10	3.850	3.838	3.865	VV	159	1456	0.02%	0.002%
11	3.880	3.865	3.893	VV	100	1370	0.02%	0.002%
12	3.905	3.893	3.922	VV	63	865	0.01%	0.001%
13	3.931	3.922	3.941	VV	65	447	0.01%	0.001%
14	3.954	3.941	3.968	VV	140	1796	0.03%	0.002%
15	3.970	3.968	4.012	VV	109	1575	0.02%	0.002%
16	4.019	4.012	4.033	VV	71	811	0.01%	0.001%
17	4.049	4.033	4.068	VV	142	2221	0.03%	0.003%
18	4.074	4.068	4.132	VV	161	2860	0.04%	0.004%
19	4.157	4.132	4.174	VV	260	3465	0.05%	0.004%
20	4.191	4.174	4.210	VV	389	4499	0.07%	0.006%
21	4.226	4.210	4.245	VV	124	1811	0.03%	0.002%
22	4.266	4.245	4.315	VV	336	4929	0.07%	0.006%
23	4.362	4.315	4.381	VV	359	6822	0.10%	0.009%
24	4.387	4.381	4.408	VV	189	2222	0.03%	0.003%
25	4.412	4.408	4.455	VV	193	2905	0.04%	0.004%
26	4.458	4.455	4.482	VV	164	1615	0.02%	0.002%
27	4.529	4.482	4.545	VV	452	7714	0.11%	0.010%
28	4.561	4.545	4.583	VV	212	3211	0.05%	0.004%
29	4.618	4.583	4.717	VV	284677	2901583	42.45%	3.649%
30	4.734	4.717	4.780	VV	750	21301	0.31%	0.027%
31	4.807	4.780	4.856	VV	635	20600	0.30%	0.026%

					rterres				
32	4.872	4.856	4.886	VV	473	7364	0.11%	0.009%	
33	4.905	4.886	4.923	VV	699	10314	0.15%	0.013%	
34	4.930	4.923	4.945	VV	328	4062	0.06%	0.005%	
35	4.954	4.945	5.021	VV	351	13649	0.20%	0.017%	
36	5.037	5.021	5.091	VV	383	12027	0.18%	0.015%	
37	5.106	5.091	5.193	VV	280	12727	0.19%	0.016%	
38	5.207	5.193	5.274	VV	238	7431	0.11%	0.009%	
39	5.324	5.274	5.353	VV	1049	18504	0.27%	0.023%	
40	5.384	5.353	5.419	VV	450	8842	0.13%	0.011%	
41	5.440	5.419	5.468	VV	250	4730	0.07%	0.006%	
42	5.474	5.468	5.488	VV	100	1123	0.02%	0.001%	
43	5.499	5.488	5.511	VV	151	1421	0.02%	0.002%	
44	5.528	5.511	5.544	VV	153	2161	0.03%	0.003%	
45	5.557	5.544	5.595	VV	115	2275	0.03%	0.003%	
46	5.619	5.595	5.651	VV	123	2795	0.04%	0.004%	
47	5.656	5.651	5.699	VV	121	2353	0.03%	0.003%	
48	5.716	5.699	5.741	VV	131	2221	0.03%	0.003%	
49	5.765	5.741	5.791	VV	865	12498	0.18%	0.016%	
50	5.804	5.791	5.853	VV	426	7071	0.10%	0.009%	
51	5.864	5.853	5.928	VV	162	5240	0.08%	0.007%	
52	5.966	5.928	6.017	VV	252	7419	0.11%	0.009%	
53	6.030	6.017	6.048	VV	153	1987	0.03%	0.002%	
54	6.074	6.048	6.121	VV	232	4943	0.07%	0.006%	
55	6.135	6.121	6.188	VV	201	4637	0.07%	0.006%	
56	6.198	6.188	6.218	VV	152	1660	0.02%	0.002%	
57	6.242	6.218	6.268	PV	270	3349	0.05%	0.004%	
58	6.297	6.268	6.321	VV	226	3937	0.06%	0.005%	
59	6.359	6.321	6.378	VV	435	8174	0.12%	0.010%	
60	6.397	6.378	6.423	VV	451	6921	0.10%	0.009%	
61	6.442	6.423	6.472	VV	761	11134	0.16%	0.014%	
62	6.507	6.472	6.555	VV	902	13804	0.20%	0.017%	
63	6.580	6.555	6.628	VV	211	6275	0.09%	0.008%	
64	6.634	6.628	6.661	VV	147	1704	0.02%	0.002%	
65	6.683	6.661	6.756	VV	149	5012	0.07%	0.006%	
66	6.799	6.756	6.941	VV	312293	3296351	48.23%	4.145%	
67	6.952	6.941	7.012	VV	1003	27896	0.41%	0.035%	
68	7.027	7.012	7.062	VV	606	13213	0.19%	0.017%	
69	7.086	7.062	7.115	VV	394	9913	0.15%	0.012%	
70	7.139	7.115	7.184	VV	361	11271	0.16%	0.014%	
71	7.194	7.184	7.233	VV	277	6433	0.09%	0.008%	
72	7.256	7.233	7.291	VV	301	7203	0.11%	0.009%	
73	7.314	7.291	7.355	VV	485	12794	0.19%	0.016%	
74	7.375	7.355	7.404	VV	461	9333	0.14%	0.012%	
75	7.433	7.404	7.461	VV	465	11527	0.17%	0.014%	
76	7.481	7.461	7.509	VV	400	6996	0.10%	0.009%	
77	7.519	7.509	7.528	VV	187	1682	0.02%	0.002%	
78	7.551	7.528	7.579	VV	180	3900	0.06%	0.005%	
79	7.606	7.579	7.644	VV	843	11271	0.16%	0.014%	

80	7.684	7.644	7.707	VV	177	4743	0.07%	0.006%
81	7.754	7.707	7.797	VV	657	14964	0.22%	0.019%
82	7.813	7.797	7.948	VV	235	9391	0.14%	0.012%
83	8.018	7.948	8.058	VV	336	6233	0.09%	0.008%
84	8.088	8.058	8.102	VV	172	2533	0.04%	0.003%
85	8.115	8.102	8.139	VV	219	2781	0.04%	0.003%
86	8.149	8.139	8.159	PV	81	712	0.01%	0.001%
87	8.185	8.159	8.227	VV	220	5194	0.08%	0.007%
88	8.241	8.227	8.268	VV	200	3622	0.05%	0.005%
89	8.285	8.268	8.303	VV	200	2795	0.04%	0.004%
90	8.330	8.303	8.364	VV	471	8133	0.12%	0.010%
91	8.386	8.364	8.445	VV	1386	18648	0.27%	0.023%
92	8.455	8.445	8.475	VV	76	1020	0.01%	0.001%
93	8.545	8.475	8.604	PV	625	13879	0.20%	0.017%
94	8.638	8.604	8.817	VV	318480	3566496	52.18%	4.485%
95	8.828	8.817	8.865	VV	573	13767	0.20%	0.017%
96	8.876	8.865	8.960	VV	593	16685	0.24%	0.021%
97	8.996	8.960	9.087	VV	321	18091	0.26%	0.023%
98	9.104	9.087	9.118	VV	288	4279	0.06%	0.005%
99	9.123	9.118	9.148	VV	255	4488	0.07%	0.006%
100	9.158	9.148	9.171	VV	291	3589	0.05%	0.005%
101	9.185	9.171	9.235	VV	370	9062	0.13%	0.011%
102	9.242	9.235	9.282	VV	203	3194	0.05%	0.004%
103	9.296	9.282	9.319	VV	156	1645	0.02%	0.002%
104	9.373	9.319	9.391	VV	606	8901	0.13%	0.011%
105	9.404	9.391	9.418	VV	342	4515	0.07%	0.006%
106	9.437	9.418	9.451	VV	285	4434	0.06%	0.006%
107	9.483	9.451	9.531	VV	1033	19942	0.29%	0.025%
108	9.559	9.531	9.581	VV	194	2945	0.04%	0.004%
109	9.608	9.581	9.651	VV	179	2872	0.04%	0.004%
110	9.660	9.651	9.680	VV	109	1161	0.02%	0.001%
111	9.715	9.680	9.746	VV	259	5926	0.09%	0.007%
112	9.773	9.746	9.818	VV	333	6140	0.09%	0.008%
113	9.842	9.818	9.877	VV	334	5259	0.08%	0.007%
114	9.895	9.877	9.944	VV	225	2796	0.04%	0.004%
115	9.952	9.944	9.960	VV	53	298	0.00%	0.000%
116	9.988	9.960	10.014	PV	278	4410	0.06%	0.006%
117	10.034	10.014	10.080	VV	776	10028	0.15%	0.013%
118	10.104	10.080	10.115	PV	77	971	0.01%	0.001%
119	10.125	10.115	10.151	VV	80	705	0.01%	0.001%
120	10.177	10.151	10.217	VV	611	9173	0.13%	0.012%
121	10.256	10.217	10.465	VV	356688	4067358	59.51%	5.115%
122	10.486	10.465	10.535	VV	971	22065	0.32%	0.028%
123	10.541	10.535	10.555	VV	355	3327	0.05%	0.004%
124	10.581	10.555	10.618	VV	309	9892	0.14%	0.012%
125	10.649	10.618	10.714	VV	363	13287	0.19%	0.017%
126	10.735	10.714	10.788	VV	236	6839	0.10%	0.009%

					rteres			
127	10.794	10.788	10.811	VV	151	1643	0.02%	0.002%
128	10.815	10.811	10.835	VV	139	1234	0.02%	0.002%
129	10.869	10.835	10.913	VV	153	5372	0.08%	0.007%
130	10.947	10.913	10.966	VV	315	6768	0.10%	0.009%
131	11.005	10.966	11.045	VV	468	11255	0.16%	0.014%
132	11.077	11.045	11.105	VV	244	6669	0.10%	0.008%
133	11.128	11.105	11.167	VV	463	9843	0.14%	0.012%
134	11.193	11.167	11.210	VV	250	4397	0.06%	0.006%
135	11.219	11.210	11.240	VV	181	1984	0.03%	0.002%
136	11.263	11.240	11.299	PV	112	2551	0.04%	0.003%
137	11.330	11.299	11.357	VV	307	5845	0.09%	0.007%
138	11.377	11.357	11.405	VV	423	6622	0.10%	0.008%
139	11.428	11.405	11.443	VV	207	3786	0.06%	0.005%
140	11.460	11.443	11.481	VV	156	2450	0.04%	0.003%
141	11.512	11.481	11.555	VV	2168	27658	0.40%	0.035%
142	11.562	11.555	11.592	VV	74	658	0.01%	0.001%
143	11.640	11.592	11.675	PV	2175	31242	0.46%	0.039%
144	11.709	11.675	11.972	VV	368266	4467561	65.36%	5.618%
145	12.007	11.972	12.055	VV	339	13348	0.20%	0.017%
146	12.058	12.055	12.065	VV	251	1485	0.02%	0.002%
147	12.075	12.065	12.084	VV	257	2620	0.04%	0.003%
148	12.101	12.084	12.154	VV	290	9088	0.13%	0.011%
149	12.176	12.154	12.252	VV	437	12523	0.18%	0.016%
150	12.262	12.252	12.292	VV	141	2484	0.04%	0.003%
151	12.318	12.292	12.338	VV	152	3360	0.05%	0.004%
152	12.383	12.338	12.415	VV	381	10154	0.15%	0.013%
153	12.426	12.415	12.459	VV	187	3333	0.05%	0.004%
154	12.482	12.459	12.493	VV	186	2212	0.03%	0.003%
155	12.521	12.493	12.559	VV	190	4974	0.07%	0.006%
156	12.603	12.559	12.641	VV	284	7644	0.11%	0.010%
157	12.673	12.641	12.705	VV	262	4821	0.07%	0.006%
158	12.722	12.705	12.738	VV	173	2340	0.03%	0.003%
159	12.764	12.738	12.791	VV	272	4890	0.07%	0.006%
160	12.849	12.791	12.934	VV	1099	25454	0.37%	0.032%
161	12.968	12.934	12.991	PV	1596	21288	0.31%	0.027%
162	13.029	12.991	13.132	VV	388388	4607273	67.41%	5.794%
163	13.145	13.132	13.268	VV	561	20398	0.30%	0.026%
164	13.284	13.268	13.305	VV	169	3193	0.05%	0.004%
165	13.307	13.305	13.335	VV	161	2075	0.03%	0.003%
166	13.343	13.335	13.370	VV	122	2166	0.03%	0.003%
167	13.480	13.370	13.607	VV	567955	6834862	100.00%	8.595%
168	13.646	13.607	13.808	VV	381161	4653619	68.09%	5.852%
169	13.826	13.808	13.894	VV	590	21423	0.31%	0.027%
170	13.925	13.894	13.975	VV	377	14284	0.21%	0.018%
171	13.992	13.975	14.004	VV	278	4694	0.07%	0.006%
172	14.025	14.004	14.040	VV	580	8802	0.13%	0.011%
173	14.075	14.040	14.151	VV	1078	31973	0.47%	0.040%
174	14.182	14.151	14.199	VV	1736	24901	0.36%	0.031%

175	14.235	14.199	14.343	VV	365431	4609098	67.44%	5.796%
176	14.363	14.343	14.405	VV	686	16228	0.24%	0.020%
177	14.435	14.405	14.533	VV	376	21313	0.31%	0.027%
178	14.538	14.533	14.555	VV	225	2309	0.03%	0.003%
179	14.562	14.555	14.616	VV	213	6236	0.09%	0.008%
180	14.631	14.616	14.647	VV	169	2881	0.04%	0.004%
181	14.680	14.647	14.770	VV	1285	30902	0.45%	0.039%
182	14.801	14.770	14.851	VV	1001	17888	0.26%	0.022%
183	14.970	14.851	14.989	VV	320	13992	0.20%	0.018%
184	15.006	14.989	15.041	VV	175	4194	0.06%	0.005%
185	15.082	15.041	15.111	VV	170	4823	0.07%	0.006%
186	15.118	15.111	15.135	VV	140	1425	0.02%	0.002%
187	15.156	15.135	15.167	VV	143	1897	0.03%	0.002%
188	15.190	15.167	15.253	VV	505	10485	0.15%	0.013%
189	15.300	15.253	15.310	VV	1201	15556	0.23%	0.020%
190	15.347	15.310	15.496	VV	339925	4562189	66.75%	5.737%
191	15.512	15.496	15.606	VV	286	10125	0.15%	0.013%
192	15.622	15.606	15.703	VV	156	5025	0.07%	0.006%
193	15.723	15.703	15.751	VV	112	2203	0.03%	0.003%
194	15.761	15.751	15.808	VV	94	2030	0.03%	0.003%
195	15.870	15.808	15.966	VV	2590	39685	0.58%	0.050%
196	15.973	15.966	15.987	VV	75	308	0.00%	0.000%
197	16.045	15.987	16.101	PV	94	3920	0.06%	0.005%
198	16.119	16.101	16.131	VV	63	643	0.01%	0.001%
199	16.151	16.131	16.161	VV	93	925	0.01%	0.001%
200	16.192	16.161	16.221	VV	136	3269	0.05%	0.004%
201	16.240	16.221	16.286	VV	230	4609	0.07%	0.006%
202	16.375	16.286	16.531	VV	333802	4421416	64.69%	5.560%
203	16.545	16.531	16.615	VV	203	6008	0.09%	0.008%
204	16.684	16.615	16.714	VV	252	5277	0.08%	0.007%
205	16.736	16.714	16.787	VV	113	2268	0.03%	0.003%
206	16.859	16.787	16.921	VV	3581	54224	0.79%	0.068%
207	16.932	16.921	16.983	VV	80	1410	0.02%	0.002%
208	17.037	16.983	17.056	PV	148	3108	0.05%	0.004%
209	17.095	17.056	17.121	VV	110	2665	0.04%	0.003%
210	17.164	17.121	17.188	PV	130	2785	0.04%	0.004%
211	17.210	17.188	17.263	VV	259	4718	0.07%	0.006%
212	17.330	17.263	17.481	VV	308816	4241391	62.06%	5.333%
213	17.493	17.481	17.525	VV	182	4032	0.06%	0.005%
214	17.543	17.525	17.555	VV	175	2642	0.04%	0.003%
215	17.573	17.555	17.595	VV	177	3385	0.05%	0.004%
216	17.614	17.595	17.642	VV	166	3270	0.05%	0.004%
217	17.673	17.642	17.689	VV	153	2048	0.03%	0.003%
218	17.782	17.689	17.850	PV	5180	82982	1.21%	0.104%
219	17.894	17.850	17.925	VV	153	4453	0.07%	0.006%
220	17.954	17.925	17.973	VV	91	1674	0.02%	0.002%
221	17.991	17.973	18.026	PV	102	1707	0.02%	0.002%

					rteres			
222	18.063	18.026	18.086	PV	169	2497	0.04%	0.003%
223	18.113	18.086	18.145	VV	894	12501	0.18%	0.016%
224	18.223	18.145	18.341	PV	296195	3995383	58.46%	5.024%
225	18.372	18.341	18.445	VV	571	17016	0.25%	0.021%
226	18.499	18.445	18.518	VV	282	5081	0.07%	0.006%
227	18.546	18.518	18.595	VV	146	3594	0.05%	0.005%
228	18.646	18.595	18.692	VV	5935	83525	1.22%	0.105%
229	18.740	18.692	18.788	VV	621	10252	0.15%	0.013%
230	18.908	18.788	18.932	PV	298	4291	0.06%	0.005%
231	18.954	18.932	18.976	VV	137	2111	0.03%	0.003%
232	19.060	18.976	19.148	PV	281328	3794199	55.51%	4.771%
233	19.163	19.148	19.192	VV	395	8028	0.12%	0.010%
234	19.216	19.192	19.271	VV	304	8236	0.12%	0.010%
235	19.315	19.271	19.338	VV	269	5059	0.07%	0.006%
236	19.358	19.338	19.395	VV	182	3053	0.04%	0.004%
237	19.457	19.395	19.531	PV	5127	81940	1.20%	0.103%
238	19.569	19.531	19.588	VV	398	4774	0.07%	0.006%
239	19.708	19.588	19.735	VV	447	19949	0.29%	0.025%
240	19.752	19.735	19.777	VV	330	5998	0.09%	0.008%
241	19.849	19.777	19.953	VV	249052	3626049	53.05%	4.560%
242	19.965	19.953	19.971	VV	625	6808	0.10%	0.009%
243	20.004	19.971	20.024	VV	693	19090	0.28%	0.024%
244	20.092	20.024	20.110	VV	788	32651	0.48%	0.041%
245	20.137	20.110	20.184	VV	898	33505	0.49%	0.042%
246	20.224	20.184	20.265	VV	3885	81104	1.19%	0.102%
247	20.289	20.265	20.300	VV	886	18437	0.27%	0.023%
248	20.410	20.300	20.422	VV	1182	72513	1.06%	0.091%
249	20.461	20.422	20.473	VV	1408	38614	0.56%	0.049%
250	20.499	20.473	20.527	VV	1862	51107	0.75%	0.064%
251	20.593	20.527	20.698	VV	223850	3532510	51.68%	4.442%
252	20.777	20.698	20.791	VV	2187	120160	1.76%	0.151%
253	20.827	20.791	20.840	VV	2259	64524	0.94%	0.081%
254	20.866	20.840	20.898	VV	2343	77264	1.13%	0.097%
255	20.960	20.898	21.021	VV	3974	186780	2.73%	0.235%
256	21.062	21.021	21.074	VV	2045	64778	0.95%	0.081%
257	21.151	21.074	21.184	VV	2182	137065	2.01%	0.172%
258	21.218	21.184	21.251	VV	1978	76945	1.13%	0.097%
259	21.262	21.251	21.295	VV	1868	46913	0.69%	0.059%
260	21.367	21.295	21.634	VV	176062	3570388	52.24%	4.490%
261	21.654	21.634	21.678	VV	1304	33209	0.49%	0.042%
262	21.721	21.678	21.765	VV	1248	60432	0.88%	0.076%
263	21.823	21.765	21.918	VV	1698	99421	1.45%	0.125%
264	21.931	21.918	21.941	VV	760	9921	0.15%	0.012%
265	21.955	21.941	21.991	VV	704	17982	0.26%	0.023%
266	22.000	21.991	22.025	VV	557	10108	0.15%	0.013%
267	22.040	22.025	22.051	VV	471	7146	0.10%	0.009%
268	22.083	22.051	22.135	VV	406	16881	0.25%	0.021%
269	22.147	22.135	22.178	VV	262	5692	0.08%	0.007%

270	22.205	22.178	22.232	VV	168	4410	0.06%	0.006%
271	22.251	22.232	22.260	VV	77	1072	0.02%	0.001%
272	22.348	22.260	22.501	PBA	111503	3102856	45.40%	3.902%
Sum of corrected areas:						79524416		

Aliphatic EPH 102925.M Fri Nov 21 00:25:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016727.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 20:29
 Operator : YP\AJ
 Sample : Q3586-03MSD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SED-3MSD

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 18 00:37:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 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...	8.010	5451012	48.102 ug/ml
Spiked Amount 50.000		Recovery =	96.20%
6) S 2-Fluorobiphenyl (SURR)	8.886	3671951	51.485 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.97%
11) S ortho-Terphenyl (SURR)	11.953	5206037	35.451 ug/ml
Spiked Amount 50.000		Recovery =	70.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3638107	27.638 ug/ml
2) T Naphthalene (C11.7)	6.278	3915385	29.597 ug/ml
3) T 2-Methylnaphthalene (...)	7.379	3658291	27.519 ug/ml
5) T Acenaphthylene (C15.06)	8.685	4338030	32.109 ug/ml
7) T Acenaphthene (C15.5)	8.985	4454430	32.405 ug/ml
8) T Flouorene (C16.55)	9.775	4650800	35.723 ug/ml
9) T Phenanthrene (C19.36)	11.184	4835762	36.571 ug/ml
10) T Anthracene (C19.43)	11.259	5008654	36.962 ug/ml
12) T Fluoranthene (C21.85)	13.009	4947576	36.051 ug/ml
13) T Pyrene (C20.8)	13.308	4847947	35.375 ug/ml
14) T Benzo[a]anthracene (C...	15.194	4464980	39.204 ug/ml
15) T Chrysene (C27.41)	15.238	5420407	38.411 ug/ml
16) T benzo[b]fluoranthene ...	16.759	4465931	40.184 ug/ml
17) T Bnezo[k]fluoranthene ...	16.792	4633293	37.933 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	4384198	39.947 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.520	4569764	53.105 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	4852505	36.847 ug/ml
21) T Benzo[g,h,i]perylene ...	18.777	4789362	45.194 ug/ml

(f)=RT Delta > 1/2 Window

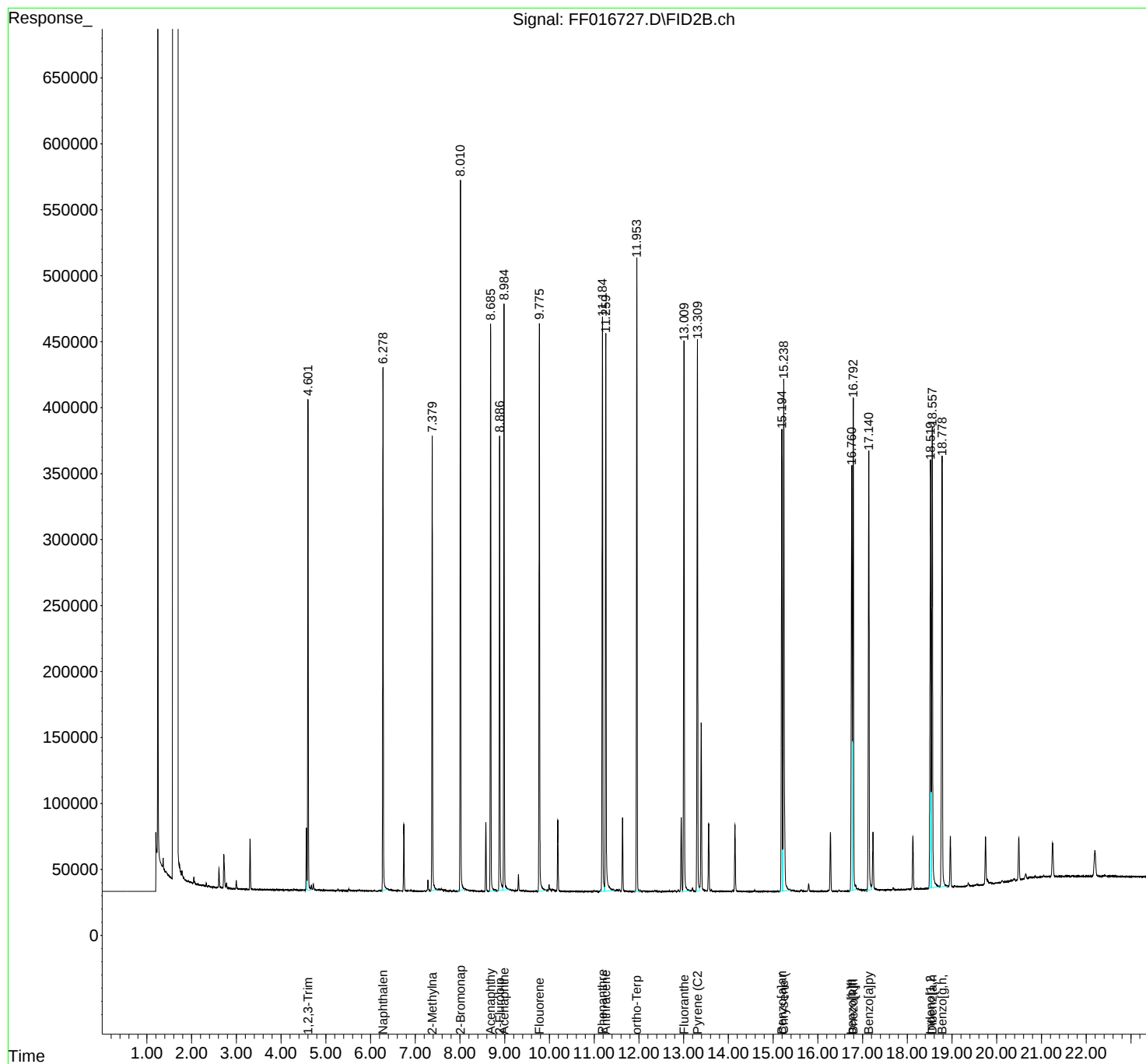
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
Data File : FF016727.D
Signal(s) : FID2B.ch
Acq On : 17 Nov 2025 20:29
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 18 00:37:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016727.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 20:29
 Sample : Q3586-03MSD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.477	4.454	4.498	PV	304	3549	0.06%	0.003%
2	4.567	4.525	4.582	PV	47383	465494	8.41%	0.431%
3	4.602	4.582	4.658	VV	371623	3647919	65.91%	3.378%
4	4.676	4.658	4.702	VV	3983	51946	0.94%	0.048%
5	4.721	4.702	4.772	VV	5183	76887	1.39%	0.071%
6	4.775	4.772	4.806	VV	421	7394	0.13%	0.007%
7	4.820	4.806	4.835	VV	547	6309	0.11%	0.006%
8	4.853	4.835	4.873	VV	746	10010	0.18%	0.009%
9	4.886	4.873	4.910	VV	304	5681	0.10%	0.005%
10	4.914	4.910	4.925	VV	287	2135	0.04%	0.002%
11	4.933	4.925	4.949	VV	278	3297	0.06%	0.003%
12	4.955	4.949	4.975	VV	323	3965	0.07%	0.004%
13	4.985	4.975	5.003	VV	338	4255	0.08%	0.004%
14	5.009	5.003	5.023	VV	246	2511	0.05%	0.002%
15	5.028	5.023	5.054	VV	235	3380	0.06%	0.003%
16	5.064	5.054	5.081	VV	336	4047	0.07%	0.004%
17	5.087	5.081	5.096	VV	272	1639	0.03%	0.002%
18	5.115	5.107	5.143	VV	198	2490	0.04%	0.002%
19	5.158	5.143	5.208	VV	184	3992	0.07%	0.004%
20	5.272	5.223	5.307	VV	1367	21388	0.39%	0.020%
21	5.325	5.307	5.349	VV	357	5788	0.10%	0.005%
22	5.359	5.349	5.373	VV	219	2128	0.04%	0.002%
23	5.390	5.373	5.448	VV	281	5820	0.11%	0.005%
24	5.480	5.465	5.496	VV	161	1241	0.02%	0.001%
25	5.516	5.496	5.569	PV	1352	22927	0.41%	0.021%
26	5.571	5.569	5.586	VV	285	2127	0.04%	0.002%
27	5.591	5.586	5.602	VV	222	1596	0.03%	0.001%
28	5.607	5.602	5.628	VV	179	1438	0.03%	0.001%
29	5.636	5.628	5.648	VV	114	1130	0.02%	0.001%
30	5.652	5.648	5.671	VV	139	1325	0.02%	0.001%
31	5.709	5.689	5.725	PV	556	6781	0.12%	0.006%
32	5.739	5.725	5.744	VV	447	3748	0.07%	0.003%
33	5.755	5.744	5.780	VV	465	5323	0.10%	0.005%
34	5.787	5.780	5.802	VV	180	1432	0.03%	0.001%
35	5.809	5.802	5.856	VV	144	2318	0.04%	0.002%
36	5.905	5.893	5.941	VV	234	3390	0.06%	0.003%

					rteres			
37	5.971	5.962	5.992	VV	182	1916	0.03%	0.002%
38	6.022	5.992	6.040	VV	223	3965	0.07%	0.004%
39	6.062	6.040	6.071	VV	184	1725	0.03%	0.002%
40	6.080	6.071	6.098	VV	288	2793	0.05%	0.003%
41	6.147	6.119	6.166	VV	162	1229	0.02%	0.001%
42	6.196	6.166	6.232	PV	615	9030	0.16%	0.008%
43	6.239	6.232	6.249	VV	212	1543	0.03%	0.001%
44	6.278	6.249	6.374	VV	396548	3972706	71.78%	3.678%
45	6.388	6.374	6.424	VV	1880	39804	0.72%	0.037%
46	6.426	6.424	6.436	VV	908	5974	0.11%	0.006%
47	6.453	6.436	6.486	VV	1514	30186	0.55%	0.028%
48	6.492	6.486	6.500	VV	636	4776	0.09%	0.004%
49	6.517	6.500	6.557	VV	700	20126	0.36%	0.019%
50	6.562	6.557	6.568	VV	478	2959	0.05%	0.003%
51	6.574	6.568	6.578	VV	521	3069	0.06%	0.003%
52	6.586	6.578	6.598	VV	538	5741	0.10%	0.005%
53	6.613	6.598	6.619	VV	463	5253	0.09%	0.005%
54	6.624	6.619	6.677	VV	363	10900	0.20%	0.010%
55	6.683	6.677	6.689	VV	306	1855	0.03%	0.002%
56	6.703	6.689	6.709	VV	228	2299	0.04%	0.002%
57	6.745	6.716	6.814	VV	50780	533712	9.64%	0.494%
58	6.820	6.814	6.822	VV	442	1824	0.03%	0.002%
59	6.828	6.822	6.847	VV	501	5891	0.11%	0.005%
60	6.867	6.847	6.880	VV	429	6290	0.11%	0.006%
61	6.900	6.880	6.923	VV	679	10011	0.18%	0.009%
62	6.934	6.923	6.951	VV	351	3635	0.07%	0.003%
63	6.975	6.951	7.000	VV	421	6949	0.13%	0.006%
64	7.029	7.018	7.065	VV	257	3928	0.07%	0.004%
65	7.081	7.065	7.104	VV	220	3095	0.06%	0.003%
66	7.153	7.122	7.173	PV	296	5251	0.09%	0.005%
67	7.202	7.173	7.238	VV	343	6838	0.12%	0.006%
68	7.283	7.238	7.341	VV	8615	118812	2.15%	0.110%
69	7.379	7.341	7.504	VV	345006	3729251	67.38%	3.453%
70	7.520	7.504	7.536	VV	1864	28291	0.51%	0.026%
71	7.551	7.536	7.567	VV	1713	25359	0.46%	0.023%
72	7.584	7.567	7.597	VV	1887	27482	0.50%	0.025%
73	7.608	7.597	7.643	VV	1513	28271	0.51%	0.026%
74	7.660	7.643	7.682	VV	1291	20625	0.37%	0.019%
75	7.695	7.682	7.715	VV	709	11593	0.21%	0.011%
76	7.724	7.715	7.742	VV	432	6514	0.12%	0.006%
77	7.754	7.742	7.772	VV	684	10217	0.18%	0.009%
78	7.784	7.772	7.814	VV	588	9482	0.17%	0.009%
79	7.822	7.814	7.839	VV	232	2898	0.05%	0.003%
80	7.869	7.839	7.890	VV	697	10968	0.20%	0.010%
81	7.924	7.890	7.945	VV	363	7904	0.14%	0.007%
82	7.965	7.945	7.978	VV	766	6091	0.11%	0.006%
83	8.010	7.978	8.107	VV	539763	5534308	100.00%	5.124%
84	8.113	8.107	8.219	VV	1746	75088	1.36%	0.070%
85	8.225	8.219	8.249	VV	624	9959	0.18%	0.009%
86	8.270	8.249	8.302	VV	659	15953	0.29%	0.015%
87	8.327	8.302	8.357	VV	649	14065	0.25%	0.013%
88	8.364	8.357	8.389	VV	367	5721	0.10%	0.005%
89	8.396	8.389	8.420	VV	315	4375	0.08%	0.004%

					rterres			
90	8.432	8.420	8.449	VV	208	2919	0.05%	0.003%
91	8.453	8.449	8.462	VV	224	1524	0.03%	0.001%
92	8.481	8.462	8.530	VV	508	12060	0.22%	0.011%
93	8.579	8.538	8.639	VV	52676	559541	10.11%	0.518%
94	8.641	8.639	8.650	VV	247	1219	0.02%	0.001%
95	8.685	8.650	8.801	VV	431162	4374852	79.05%	4.051%
96	8.813	8.801	8.844	VV	810	16450	0.30%	0.015%
97	8.847	8.844	8.853	VV	442	2341	0.04%	0.002%
98	8.886	8.853	8.956	VV	344934	3719425	67.21%	3.444%
99	8.985	8.956	9.107	VV	444714	4562376	82.44%	4.224%
100	9.110	9.107	9.115	VV	1483	7396	0.13%	0.007%
101	9.119	9.115	9.169	VV	1497	38533	0.70%	0.036%
102	9.176	9.169	9.222	VV	955	25490	0.46%	0.024%
103	9.235	9.222	9.256	VV	778	13771	0.25%	0.013%
104	9.269	9.256	9.284	VV	797	12817	0.23%	0.012%
105	9.307	9.284	9.373	VV	12863	158961	2.87%	0.147%
106	9.383	9.373	9.402	VV	800	12185	0.22%	0.011%
107	9.421	9.402	9.450	VV	1002	21577	0.39%	0.020%
108	9.462	9.450	9.522	VV	586	18286	0.33%	0.017%
109	9.541	9.522	9.565	VV	293	5435	0.10%	0.005%
110	9.600	9.565	9.622	VV	278	7197	0.13%	0.007%
111	9.632	9.622	9.642	VV	294	2775	0.05%	0.003%
112	9.651	9.642	9.661	VV	246	2111	0.04%	0.002%
113	9.667	9.661	9.676	VV	176	1227	0.02%	0.001%
114	9.700	9.676	9.729	VV	303	5919	0.11%	0.005%
115	9.733	9.729	9.742	VV	179	1099	0.02%	0.001%
116	9.775	9.742	9.907	VV	430066	4700649	84.94%	4.353%
117	9.911	9.907	9.949	VV	1235	26380	0.48%	0.024%
118	9.992	9.949	10.043	VV	5399	108577	1.96%	0.101%
119	10.066	10.043	10.098	VV	2030	43884	0.79%	0.041%
120	10.106	10.098	10.156	VV	1228	27572	0.50%	0.026%
121	10.187	10.156	10.247	VV	54378	620599	11.21%	0.575%
122	10.255	10.247	10.278	VV	486	7616	0.14%	0.007%
123	10.288	10.278	10.323	VV	349	7404	0.13%	0.007%
124	10.342	10.323	10.354	VV	321	4622	0.08%	0.004%
125	10.357	10.354	10.367	VV	306	2055	0.04%	0.002%
126	10.369	10.367	10.400	VV	278	3607	0.07%	0.003%
127	10.407	10.400	10.422	VV	302	3092	0.06%	0.003%
128	10.425	10.422	10.434	VV	241	1375	0.02%	0.001%
129	10.437	10.434	10.452	VV	187	1722	0.03%	0.002%
130	10.471	10.452	10.486	VV	307	4346	0.08%	0.004%
131	10.504	10.486	10.559	VV	296	7873	0.14%	0.007%
132	10.583	10.559	10.596	VV	272	4510	0.08%	0.004%
133	10.613	10.596	10.638	VV	288	5625	0.10%	0.005%
134	10.643	10.638	10.651	VV	168	1086	0.02%	0.001%
135	10.663	10.651	10.686	VV	227	3086	0.06%	0.003%
136	10.709	10.686	10.732	VV	356	5862	0.11%	0.005%
137	10.747	10.732	10.782	VV	210	4026	0.07%	0.004%
138	10.812	10.782	10.826	VV	274	4377	0.08%	0.004%
139	10.831	10.826	10.847	VV	145	1308	0.02%	0.001%
140	10.880	10.847	10.888	VV	244	3758	0.07%	0.003%
141	10.925	10.894	10.967	VV	321	7437	0.13%	0.007%

					rteres			
142	10.995	10.967	11.019	VV	1033	18432	0.33%	0.017%
143	11.023	11.019	11.035	VV	510	4295	0.08%	0.004%
144	11.039	11.035	11.043	VV	463	2185	0.04%	0.002%
145	11.059	11.043	11.092	VV	549	9250	0.17%	0.009%
146	11.125	11.103	11.132	VV	163	2072	0.04%	0.002%
147	11.184	11.132	11.230	VV	435309	4853260	87.69%	4.494%
148	11.259	11.230	11.424	VV	422470	5072263	91.65%	4.697%
149	11.436	11.424	11.479	VV	1481	36784	0.66%	0.034%
150	11.507	11.479	11.547	VV	1455	47455	0.86%	0.044%
151	11.564	11.547	11.600	VV	1521	33201	0.60%	0.031%
152	11.634	11.600	11.700	VV	56186	671902	12.14%	0.622%
153	11.715	11.700	11.779	VV	764	21635	0.39%	0.020%
154	11.789	11.779	11.810	VV	374	5284	0.10%	0.005%
155	11.818	11.810	11.826	VV	257	2153	0.04%	0.002%
156	11.831	11.826	11.870	VV	291	5162	0.09%	0.005%
157	11.878	11.870	11.907	VV	186	2773	0.05%	0.003%
158	11.954	11.907	12.017	VV	480168	5226158	94.43%	4.839%
159	12.024	12.017	12.071	VV	715	15967	0.29%	0.015%
160	12.113	12.071	12.169	VV	696	25255	0.46%	0.023%
161	12.170	12.169	12.221	VV	300	6387	0.12%	0.006%
162	12.231	12.221	12.237	VV	267	1891	0.03%	0.002%
163	12.248	12.237	12.267	VV	261	3731	0.07%	0.003%
164	12.301	12.267	12.337	VV	493	12424	0.22%	0.012%
165	12.358	12.337	12.380	VV	1219	16404	0.30%	0.015%
166	12.396	12.380	12.424	VV	781	11000	0.20%	0.010%
167	12.436	12.424	12.451	VV	203	2350	0.04%	0.002%
168	12.457	12.451	12.470	VV	185	1524	0.03%	0.001%
169	12.473	12.470	12.496	VV	160	1273	0.02%	0.001%
170	12.512	12.496	12.519	VV	264	2323	0.04%	0.002%
171	12.527	12.519	12.550	VV	305	3708	0.07%	0.003%
172	12.571	12.550	12.599	PV	346	6651	0.12%	0.006%
173	12.608	12.604	12.615	VV	215	1138	0.02%	0.001%
174	12.629	12.615	12.644	VV	348	4358	0.08%	0.004%
175	12.658	12.644	12.674	VV	533	7165	0.13%	0.007%
176	12.679	12.674	12.702	VV	492	4967	0.09%	0.005%
177	12.727	12.702	12.750	VV	330	5868	0.11%	0.005%
178	12.773	12.750	12.780	VV	306	4157	0.08%	0.004%
179	12.808	12.780	12.842	VV	1015	15652	0.28%	0.014%
180	12.885	12.842	12.912	PV	1272	21460	0.39%	0.020%
181	12.947	12.912	12.975	VV	56196	684608	12.37%	0.634%
182	13.009	12.975	13.137	VV	417127	4995319	90.26%	4.625%
183	13.142	13.137	13.172	VV	894	15812	0.29%	0.015%
184	13.195	13.172	13.269	VV	2662	56321	1.02%	0.052%
185	13.309	13.269	13.353	VV	418503	4870560	88.01%	4.510%
186	13.394	13.353	13.527	VV	127685	1654478	29.89%	1.532%
187	13.560	13.527	13.599	VV	51276	649298	11.73%	0.601%
188	13.615	13.599	13.657	VV	1131	24152	0.44%	0.022%
189	13.662	13.657	13.708	VV	397	8591	0.16%	0.008%
190	13.712	13.708	13.738	VV	224	3764	0.07%	0.003%
191	13.744	13.738	13.749	VV	273	1716	0.03%	0.002%
192	13.774	13.749	13.807	VV	378	9616	0.17%	0.009%
193	13.825	13.807	13.886	VV	317	10407	0.19%	0.010%
194	13.892	13.886	13.921	VV	176	2988	0.05%	0.003%

rteres								
195	13.940	13.921	13.959	VV	216	4145	0.07%	0.004%
196	13.968	13.959	13.999	VV	303	6030	0.11%	0.006%
197	14.004	13.999	14.011	VV	279	1712	0.03%	0.002%
198	14.017	14.011	14.046	VV	244	3302	0.06%	0.003%
199	14.099	14.051	14.119	VV	1325	19792	0.36%	0.018%
200	14.147	14.119	14.229	VV	50592	646583	11.68%	0.599%
201	14.247	14.229	14.259	VV	196	2819	0.05%	0.003%
202	14.265	14.259	14.296	VV	269	4122	0.07%	0.004%
203	14.313	14.308	14.326	VV	145	1101	0.02%	0.001%
204	14.346	14.326	14.362	VV	173	1926	0.03%	0.002%
205	14.370	14.362	14.380	VV	162	1109	0.02%	0.001%
206	14.383	14.380	14.406	VV	110	1454	0.03%	0.001%
207	14.423	14.418	14.442	VV	118	1367	0.02%	0.001%
208	14.449	14.442	14.466	VV	147	1062	0.02%	0.001%
209	14.533	14.507	14.540	VV	126	1602	0.03%	0.001%
210	14.588	14.562	14.662	VV	1163	19427	0.35%	0.018%
211	14.664	14.662	14.696	VV	131	1495	0.03%	0.001%
212	14.713	14.696	14.736	PV	278	3610	0.07%	0.003%
213	14.743	14.736	14.760	VV	119	1080	0.02%	0.001%
214	14.787	14.760	14.817	VV	467	8596	0.16%	0.008%
215	14.838	14.827	14.847	VV	205	1970	0.04%	0.002%
216	14.868	14.847	14.914	VV	287	6400	0.12%	0.006%
217	14.922	14.914	14.947	VV	143	1598	0.03%	0.001%
218	15.004	14.979	15.027	VV	126	1760	0.03%	0.002%
219	15.060	15.036	15.082	VV	135	2580	0.05%	0.002%
220	15.086	15.082	15.137	VV	188	3273	0.06%	0.003%
221	15.195	15.137	15.214	PV	350705	4470292	80.77%	4.139%
222	15.238	15.214	15.405	VV	387705	5500482	99.39%	5.093%
223	15.422	15.405	15.457	VV	951	24406	0.44%	0.023%
224	15.472	15.457	15.508	VV	821	17633	0.32%	0.016%
225	15.513	15.508	15.524	VV	380	3019	0.05%	0.003%
226	15.544	15.524	15.557	VV	375	6225	0.11%	0.006%
227	15.562	15.557	15.576	VV	372	3417	0.06%	0.003%
228	15.580	15.576	15.594	VV	299	2524	0.05%	0.002%
229	15.625	15.594	15.656	VV	1307	22218	0.40%	0.021%
230	15.682	15.656	15.696	VV	359	5898	0.11%	0.005%
231	15.698	15.696	15.706	VV	262	1176	0.02%	0.001%
232	15.718	15.706	15.728	VV	258	2481	0.04%	0.002%
233	15.739	15.728	15.757	VV	266	3802	0.07%	0.004%
234	15.795	15.757	15.832	VV	5734	84502	1.53%	0.078%
235	15.839	15.832	15.854	VV	296	2600	0.05%	0.002%
236	15.863	15.854	15.868	VV	175	1176	0.02%	0.001%
237	15.871	15.868	15.889	VV	177	1223	0.02%	0.001%
238	15.905	15.889	15.934	VV	318	4772	0.09%	0.004%
239	15.961	15.949	15.966	VV	175	1247	0.02%	0.001%
240	15.969	15.966	15.988	VV	132	1206	0.02%	0.001%
241	15.994	15.988	16.022	VV	147	1615	0.03%	0.001%
242	16.057	16.022	16.066	PV	137	2304	0.04%	0.002%
243	16.091	16.082	16.119	VV	167	2745	0.05%	0.003%
244	16.131	16.119	16.136	VV	157	1174	0.02%	0.001%
245	16.145	16.136	16.166	VV	211	2829	0.05%	0.003%
246	16.179	16.166	16.194	VV	152	1716	0.03%	0.002%

					rterres			
247	16.241	16.217	16.250	VV	707	8641	0.16%	0.008%
248	16.282	16.250	16.332	VV	44789	601662	10.87%	0.557%
249	16.340	16.332	16.349	VV	254	2318	0.04%	0.002%
250	16.354	16.349	16.366	VV	198	1587	0.03%	0.001%
251	16.421	16.396	16.447	VV	160	3464	0.06%	0.003%
252	16.474	16.447	16.539	VV	558	10457	0.19%	0.010%
253	16.599	16.567	16.618	VV	184	3693	0.07%	0.003%
254	16.647	16.634	16.684	VV	101	1659	0.03%	0.002%
255	16.759	16.684	16.774	PV	321920	4479596	80.94%	4.148%
256	16.792	16.774	16.885	VV	374531	4694562	84.83%	4.347%
257	16.903	16.885	16.997	VV	1616	63447	1.15%	0.059%
258	17.019	16.997	17.048	VV	664	15136	0.27%	0.014%
259	17.068	17.048	17.089	VV	419	9264	0.17%	0.009%
260	17.140	17.089	17.202	VV	335005	4417723	79.82%	4.091%
261	17.234	17.202	17.412	VV	44363	701019	12.67%	0.649%
262	17.421	17.412	17.434	VV	249	3067	0.06%	0.003%
263	17.442	17.434	17.477	VV	186	4453	0.08%	0.004%
264	17.526	17.477	17.534	VV	223	5686	0.10%	0.005%
265	17.568	17.534	17.626	VV	325	10390	0.19%	0.010%
266	17.685	17.626	17.749	VV	1830	33272	0.60%	0.031%
267	17.794	17.749	17.834	PV	245	6661	0.12%	0.006%
268	17.849	17.834	17.884	VV	152	2994	0.05%	0.003%
269	17.894	17.884	17.907	VV	117	1167	0.02%	0.001%
270	17.914	17.907	17.933	VV	116	1409	0.03%	0.001%
271	17.989	17.933	17.999	VV	304	6089	0.11%	0.006%
272	18.015	17.999	18.056	VV	318	6281	0.11%	0.006%
273	18.125	18.056	18.176	VV	39887	567171	10.25%	0.525%
274	18.215	18.176	18.251	VV	535	11036	0.20%	0.010%
275	18.268	18.251	18.286	VV	205	2508	0.05%	0.002%
276	18.320	18.286	18.352	VV	352	7846	0.14%	0.007%
277	18.355	18.352	18.376	VV	234	1690	0.03%	0.002%
278	18.413	18.376	18.432	PV	221	4451	0.08%	0.004%
279	18.451	18.432	18.469	VV	226	2114	0.04%	0.002%
280	18.520	18.469	18.536	PV	324376	4581605	82.79%	4.242%
281	18.557	18.536	18.727	VV	350725	4870276	88.00%	4.510%
282	18.777	18.727	18.851	PBA	326242	4738697	85.62%	4.388%
Sum of corrected areas:					107998472			

Aromatic EPH 102925.M Tue Nov 18 01:17:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
 Data File : FG016961.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 15:41
 Operator : YP\AJ
 Sample : Q3586-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SED-3MSD

A
B
C
D
E
F
G
H
I
J

Integration File: autoint1.e
 Quant Time: Nov 20 23:50:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 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...	13.494	6637711	55.115 ug/ml
Spiked Amount 50.000		Recovery =	110.23%
Target Compounds			
1) T n-Nonane (C9)	3.367	2317525	18.601 ug/ml
2) T n-Decane (C10)	4.628	2815753	21.994 ug/ml
4) T n-Dodecane (C12)	6.811	3175440	24.354 ug/ml
6) T n-Tetradecane (C14)	8.651	3419902	26.769 ug/ml
7) T n-Hexadecane (C16)	10.270	3920067	29.667 ug/ml
8) T n-Octadecane (C18)	11.724	4293641	30.811 ug/ml
10) T n-Eicosane (C20)	13.044	4505609	32.234 ug/ml
11) T n-Heneicosane (C21)	13.659	4492454	32.312 ug/ml
13) T n-Docosane (C22)	14.250	4496014	31.779 ug/ml
14) T n-Tetracosane (C24)	15.360	4450096	30.267 ug/ml
15) T n-Hexacosane (C26)	16.390	4302187	29.325 ug/ml
16) T n-Octacosane (C28)	17.345	4138392	28.112 ug/ml
17) T n-Tricontane (C30)	18.238	3894854	25.740 ug/ml
18) T n-Dotriacontane (C32)	19.074	3705651	25.139 ug/ml
19) T n-Tetratriacontane (C34)	19.863	3511347	27.248 ug/ml
20) T n-Hexatriacontane (C36)	20.608	3272687	31.619 ug/ml
21) T n-Octatriacontane (C38)	21.382	3165118	35.902 ug/ml
22) T n-Tetracontane (C40)	22.363	3026544	38.653 ug/ml

(f)=RT Delta > 1/2 Window

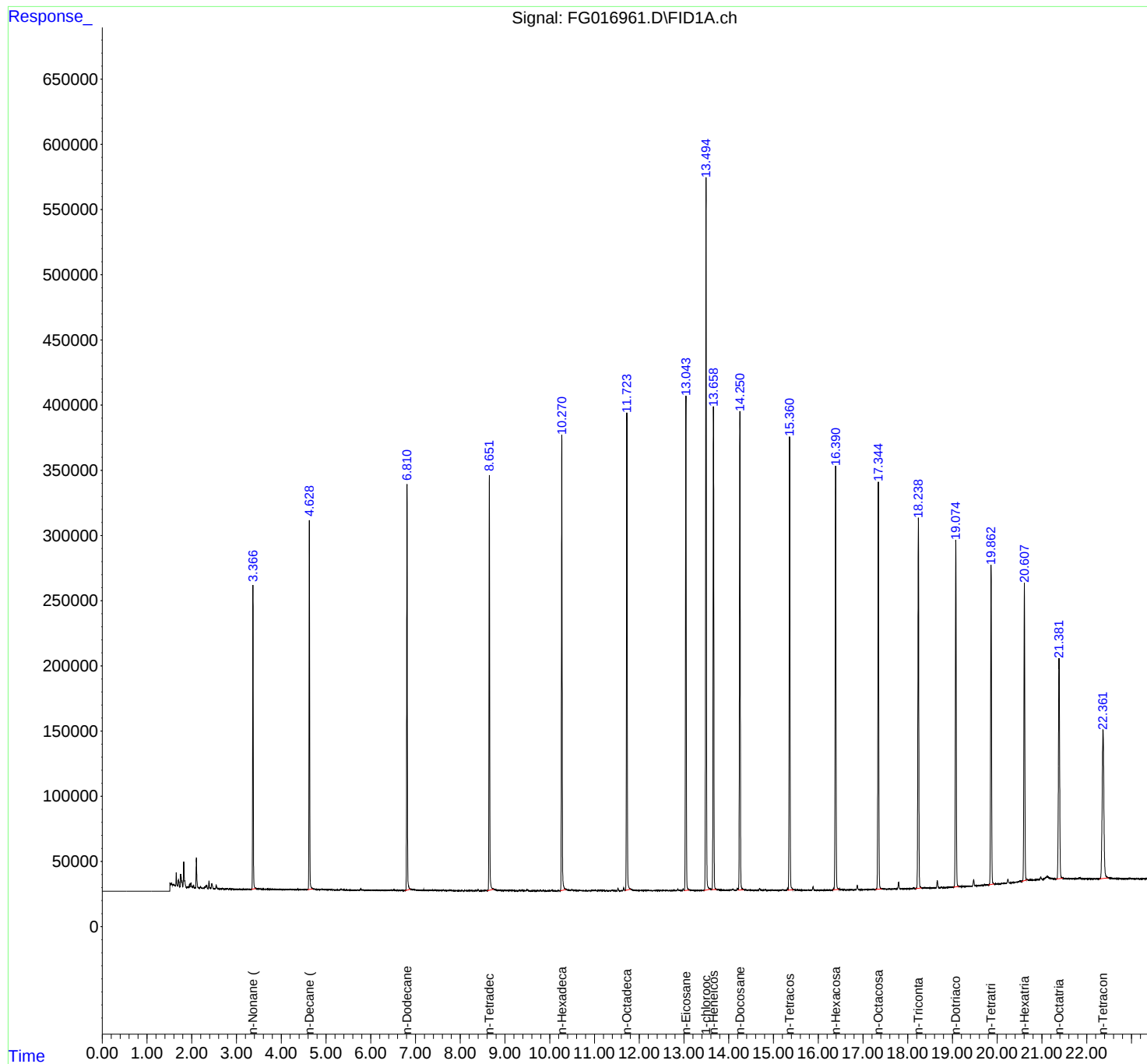
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
Data File : FG016961.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2025 15:41
Operator : YP\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
SED-3MSD

Integration File: autoint1.e
Quant Time: Nov 20 23:50:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
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_G\Data\FG112025AL\
 Data File : FG016961.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 15:41
 Sample : Q3586-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.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	3.291	3.221	3.322	BV	82	984	0.01%	0.001%
2	3.367	3.322	3.500	PV	231019	2362424	35.17%	3.009%
3	3.512	3.500	3.565	VV	458	12771	0.19%	0.016%
4	3.584	3.565	3.601	VV	350	6109	0.09%	0.008%
5	3.611	3.601	3.645	VV	368	7331	0.11%	0.009%
6	3.685	3.645	3.728	VV	362	13489	0.20%	0.017%
7	3.742	3.728	3.805	VV	288	9936	0.15%	0.013%
8	3.818	3.805	3.866	VV	213	6366	0.09%	0.008%
9	3.881	3.866	3.938	VV	187	5755	0.09%	0.007%
10	3.963	3.938	4.043	VV	202	8339	0.12%	0.011%
11	4.058	4.043	4.078	VV	161	2321	0.03%	0.003%
12	4.090	4.078	4.135	VV	130	3101	0.05%	0.004%
13	4.164	4.135	4.184	VV	281	4662	0.07%	0.006%
14	4.201	4.184	4.225	VV	457	6200	0.09%	0.008%
15	4.237	4.225	4.255	VV	151	2184	0.03%	0.003%
16	4.277	4.255	4.309	VV	364	5753	0.09%	0.007%
17	4.319	4.309	4.341	VV	123	2134	0.03%	0.003%
18	4.371	4.341	4.495	VV	378	15452	0.23%	0.020%
19	4.499	4.495	4.508	VV	132	920	0.01%	0.001%
20	4.538	4.508	4.561	VV	444	6826	0.10%	0.009%
21	4.567	4.561	4.591	VV	185	2406	0.04%	0.003%
22	4.628	4.591	4.728	VV	282233	2859332	42.57%	3.642%
23	4.746	4.728	4.795	VV	722	20797	0.31%	0.026%
24	4.817	4.795	4.863	VV	601	17447	0.26%	0.022%
25	4.879	4.863	4.898	VV	473	7782	0.12%	0.010%
26	4.915	4.898	4.955	VV	674	13001	0.19%	0.017%
27	4.968	4.955	5.011	VV	286	8794	0.13%	0.011%
28	5.054	5.011	5.072	VV	322	9543	0.14%	0.012%
29	5.082	5.072	5.088	VV	240	2174	0.03%	0.003%
30	5.095	5.088	5.103	VV	280	2092	0.03%	0.003%
31	5.111	5.103	5.123	VV	243	2591	0.04%	0.003%

					rterres			
32	5.134	5.123	5.172	VV	226	5016	0.07%	0.006%
33	5.192	5.172	5.202	VV	159	2668	0.04%	0.003%
34	5.214	5.202	5.229	VV	176	2551	0.04%	0.003%
35	5.248	5.229	5.288	VV	194	4552	0.07%	0.006%
36	5.335	5.288	5.366	VV	1059	17770	0.26%	0.023%
37	5.394	5.366	5.435	VV	369	8686	0.13%	0.011%
38	5.453	5.435	5.495	VV	292	5555	0.08%	0.007%
39	5.509	5.495	5.517	VV	99	1114	0.02%	0.001%
40	5.525	5.517	5.552	VV	115	1909	0.03%	0.002%
41	5.560	5.552	5.581	VV	127	1604	0.02%	0.002%
42	5.587	5.581	5.601	VV	112	1043	0.02%	0.001%
43	5.607	5.601	5.615	VV	92	667	0.01%	0.001%
44	5.623	5.615	5.639	VV	110	1019	0.02%	0.001%
45	5.655	5.639	5.701	VV	138	3476	0.05%	0.004%
46	5.714	5.701	5.724	VV	117	1371	0.02%	0.002%
47	5.737	5.724	5.749	VV	115	1693	0.03%	0.002%
48	5.776	5.749	5.801	VV	894	13130	0.20%	0.017%
49	5.816	5.801	5.858	VV	446	7892	0.12%	0.010%
50	5.862	5.858	5.867	VV	144	690	0.01%	0.001%
51	5.877	5.867	5.909	VV	187	3659	0.05%	0.005%
52	5.967	5.909	6.003	VV	238	7943	0.12%	0.010%
53	6.041	6.003	6.053	VV	177	3135	0.05%	0.004%
54	6.089	6.053	6.109	VV	190	4283	0.06%	0.005%
55	6.147	6.109	6.195	VV	274	5960	0.09%	0.008%
56	6.208	6.195	6.238	VV	148	1824	0.03%	0.002%
57	6.254	6.238	6.287	PV	225	2742	0.04%	0.003%
58	6.305	6.287	6.331	VV	194	2966	0.04%	0.004%
59	6.368	6.331	6.390	VV	386	6952	0.10%	0.009%
60	6.409	6.390	6.432	VV	432	5763	0.09%	0.007%
61	6.454	6.432	6.488	VV	707	10190	0.15%	0.013%
62	6.518	6.488	6.558	VV	799	11484	0.17%	0.015%
63	6.566	6.558	6.573	VV	134	996	0.01%	0.001%
64	6.591	6.573	6.618	VV	172	3642	0.05%	0.005%
65	6.625	6.618	6.677	VV	124	2214	0.03%	0.003%
66	6.699	6.677	6.726	VV	140	2308	0.03%	0.003%
67	6.735	6.726	6.762	VV	72	827	0.01%	0.001%
68	6.811	6.762	6.928	PV	310694	3236552	48.19%	4.122%
69	6.934	6.928	6.948	VV	779	8729	0.13%	0.011%
70	6.964	6.948	6.990	VV	1100	19169	0.29%	0.024%
71	7.004	6.990	7.025	VV	577	10626	0.16%	0.014%
72	7.039	7.025	7.082	VV	630	14642	0.22%	0.019%
73	7.095	7.082	7.128	VV	403	8823	0.13%	0.011%
74	7.153	7.128	7.175	VV	350	8090	0.12%	0.010%
75	7.178	7.175	7.213	VV	333	6091	0.09%	0.008%
76	7.224	7.213	7.245	VV	294	4437	0.07%	0.006%
77	7.268	7.245	7.300	VV	292	8165	0.12%	0.010%
78	7.327	7.300	7.365	VV	480	13773	0.21%	0.018%
79	7.388	7.365	7.413	VV	475	9941	0.15%	0.013%

80	7.448	7.413	7.475	VV	541	13887	0.21%	0.018%
81	7.492	7.475	7.543	VV	418	9445	0.14%	0.012%
82	7.558	7.543	7.584	VV	230	4046	0.06%	0.005%
83	7.618	7.584	7.657	VV	812	13572	0.20%	0.017%
84	7.682	7.657	7.711	VV	212	4833	0.07%	0.006%
85	7.728	7.711	7.740	VV	176	2669	0.04%	0.003%
86	7.765	7.740	7.815	VV	674	13486	0.20%	0.017%
87	7.823	7.815	7.841	VV	194	2375	0.04%	0.003%
88	7.856	7.841	7.915	VV	187	4056	0.06%	0.005%
89	7.927	7.915	7.945	VV	114	1198	0.02%	0.002%
90	7.981	7.945	7.998	PV	127	2010	0.03%	0.003%
91	8.029	7.998	8.067	VV	375	6733	0.10%	0.009%
92	8.098	8.067	8.111	VV	177	3554	0.05%	0.005%
93	8.128	8.111	8.163	VV	279	4734	0.07%	0.006%
94	8.202	8.163	8.235	VV	216	5347	0.08%	0.007%
95	8.255	8.235	8.285	VV	184	3540	0.05%	0.005%
96	8.296	8.285	8.315	VV	162	2224	0.03%	0.003%
97	8.344	8.315	8.371	VV	493	7167	0.11%	0.009%
98	8.399	8.371	8.495	VV	1340	19043	0.28%	0.024%
99	8.558	8.495	8.615	VV	703	14143	0.21%	0.018%
100	8.651	8.615	8.831	VV	320002	3521025	52.42%	4.485%
101	8.848	8.831	8.870	VV	526	11105	0.17%	0.014%
102	8.885	8.870	8.981	VV	470	18471	0.27%	0.024%
103	9.001	8.981	9.079	VV	300	14202	0.21%	0.018%
104	9.118	9.079	9.138	VV	348	9161	0.14%	0.012%
105	9.150	9.138	9.180	VV	377	7391	0.11%	0.009%
106	9.200	9.180	9.236	VV	360	8228	0.12%	0.010%
107	9.255	9.236	9.268	VV	159	2397	0.04%	0.003%
108	9.271	9.268	9.296	VV	149	1774	0.03%	0.002%
109	9.334	9.296	9.363	VV	277	7463	0.11%	0.010%
110	9.386	9.363	9.405	VV	452	7132	0.11%	0.009%
111	9.418	9.405	9.431	VV	285	3506	0.05%	0.004%
112	9.449	9.431	9.465	VV	230	3995	0.06%	0.005%
113	9.497	9.465	9.557	VV	978	20447	0.30%	0.026%
114	9.572	9.557	9.598	VV	177	2246	0.03%	0.003%
115	9.623	9.598	9.638	VV	156	2103	0.03%	0.003%
116	9.646	9.638	9.689	VV	159	3734	0.06%	0.005%
117	9.743	9.689	9.758	VV	266	6021	0.09%	0.008%
118	9.786	9.758	9.830	VV	351	5875	0.09%	0.007%
119	9.855	9.830	9.889	PV	398	5763	0.09%	0.007%
120	9.906	9.889	9.944	VV	186	3148	0.05%	0.004%
121	9.957	9.944	9.973	VV	79	1101	0.02%	0.001%
122	10.001	9.973	10.025	VV	333	5467	0.08%	0.007%
123	10.048	10.025	10.081	VV	926	11409	0.17%	0.015%
124	10.115	10.081	10.154	VV	149	3255	0.05%	0.004%
125	10.191	10.154	10.232	PV	610	10089	0.15%	0.013%
126	10.270	10.232	10.471	VV	344858	4013405	59.75%	5.112%

					rt	Area	%Area	%Height
127	10.498	10.471	10.578	VV	1068	31289	0.47%	0.040%
128	10.592	10.578	10.637	VV	307	9162	0.14%	0.012%
129	10.661	10.637	10.687	VV	373	8347	0.12%	0.011%
130	10.701	10.687	10.727	VV	268	5264	0.08%	0.007%
131	10.753	10.727	10.791	VV	286	6472	0.10%	0.008%
132	10.822	10.791	10.856	VV	187	5218	0.08%	0.007%
133	10.880	10.856	10.891	VV	148	2746	0.04%	0.003%
134	10.916	10.891	10.927	VV	205	3447	0.05%	0.004%
135	10.958	10.927	10.973	VV	282	6131	0.09%	0.008%
136	10.988	10.973	10.998	VV	295	3782	0.06%	0.005%
137	11.018	10.998	11.058	VV	512	9350	0.14%	0.012%
138	11.073	11.058	11.085	VV	194	2685	0.04%	0.003%
139	11.139	11.085	11.185	VV	512	14797	0.22%	0.019%
140	11.205	11.185	11.221	VV	245	4192	0.06%	0.005%
141	11.230	11.221	11.257	VV	220	2666	0.04%	0.003%
142	11.273	11.257	11.287	VV	119	1587	0.02%	0.002%
143	11.298	11.287	11.314	VV	102	1143	0.02%	0.001%
144	11.341	11.314	11.366	VV	288	4859	0.07%	0.006%
145	11.391	11.366	11.419	VV	522	8384	0.12%	0.011%
146	11.439	11.419	11.497	VV	225	5062	0.08%	0.006%
147	11.525	11.497	11.565	PV	2168	26347	0.39%	0.034%
148	11.581	11.565	11.624	VV	82	995	0.01%	0.001%
149	11.654	11.624	11.683	PV	2147	29844	0.44%	0.038%
150	11.723	11.683	11.921	VV	365219	4392309	65.39%	5.594%
151	11.935	11.921	11.987	VV	345	9974	0.15%	0.013%
152	12.003	11.987	12.093	VV	251	13542	0.20%	0.017%
153	12.127	12.093	12.158	VV	293	7962	0.12%	0.010%
154	12.190	12.158	12.272	VV	387	12521	0.19%	0.016%
155	12.293	12.272	12.310	VV	133	2357	0.04%	0.003%
156	12.325	12.310	12.335	VV	177	1858	0.03%	0.002%
157	12.398	12.335	12.428	VV	319	10195	0.15%	0.013%
158	12.435	12.428	12.459	VV	167	2278	0.03%	0.003%
159	12.469	12.459	12.478	VV	117	1078	0.02%	0.001%
160	12.533	12.478	12.580	VV	185	6677	0.10%	0.009%
161	12.617	12.580	12.655	VV	215	5274	0.08%	0.007%
162	12.685	12.655	12.712	VV	170	3569	0.05%	0.005%
163	12.730	12.712	12.750	VV	189	2484	0.04%	0.003%
164	12.776	12.750	12.807	VV	342	6189	0.09%	0.008%
165	12.864	12.807	12.888	VV	1053	19452	0.29%	0.025%
166	12.901	12.888	12.953	VV	312	4983	0.07%	0.006%
167	12.982	12.953	13.005	PV	1625	20483	0.30%	0.026%
168	13.043	13.005	13.140	VV	378642	4534289	67.51%	5.775%
169	13.161	13.140	13.287	VV	580	20523	0.31%	0.026%
170	13.298	13.287	13.315	VV	160	1905	0.03%	0.002%
171	13.333	13.315	13.349	VV	123	2396	0.04%	0.003%
172	13.370	13.349	13.398	VV	149	2862	0.04%	0.004%
173	13.494	13.398	13.625	VV	548085	6716836	100.00%	8.555%
174	13.659	13.625	13.813	VV	373073	4577142	68.14%	5.830%

175	13.840	13.813	13.911	VV	620	25015	0.37%	0.032%
176	13.924	13.911	13.988	VV	370	13574	0.20%	0.017%
177	14.007	13.988	14.016	VV	308	4814	0.07%	0.006%
178	14.040	14.016	14.056	VV	642	10948	0.16%	0.014%
179	14.089	14.056	14.133	VV	1120	28585	0.43%	0.036%
180	14.150	14.133	14.170	VV	312	5975	0.09%	0.008%
181	14.196	14.170	14.214	VV	1737	24517	0.37%	0.031%
182	14.250	14.214	14.356	VV	372430	4537824	67.56%	5.780%
183	14.377	14.356	14.418	VV	681	16673	0.25%	0.021%
184	14.451	14.418	14.468	VV	403	10862	0.16%	0.014%
185	14.480	14.468	14.532	VV	354	9673	0.14%	0.012%
186	14.540	14.532	14.566	VV	177	3631	0.05%	0.005%
187	14.586	14.566	14.605	VV	204	4135	0.06%	0.005%
188	14.615	14.605	14.653	VV	200	4878	0.07%	0.006%
189	14.694	14.653	14.755	VV	1250	29253	0.44%	0.037%
190	14.761	14.755	14.795	VV	203	3967	0.06%	0.005%
191	14.817	14.795	14.871	VV	949	16528	0.25%	0.021%
192	14.879	14.871	14.894	VV	100	1593	0.02%	0.002%
193	14.914	14.894	14.937	VV	194	4013	0.06%	0.005%
194	14.981	14.937	15.056	VV	410	13703	0.20%	0.017%
195	15.070	15.056	15.081	VV	145	1504	0.02%	0.002%
196	15.096	15.081	15.114	VV	148	2211	0.03%	0.003%
197	15.133	15.114	15.154	VV	129	2364	0.04%	0.003%
198	15.166	15.154	15.177	VV	166	1499	0.02%	0.002%
199	15.204	15.177	15.242	VV	490	10651	0.16%	0.014%
200	15.252	15.242	15.268	VV	153	1602	0.02%	0.002%
201	15.315	15.268	15.324	VV	1175	14965	0.22%	0.019%
202	15.361	15.324	15.485	VV	345913	4484518	66.77%	5.712%
203	15.493	15.485	15.511	VV	326	4477	0.07%	0.006%
204	15.528	15.511	15.685	VV	319	15219	0.23%	0.019%
205	15.697	15.685	15.718	VV	103	1271	0.02%	0.002%
206	15.742	15.718	15.761	VV	154	2471	0.04%	0.003%
207	15.779	15.761	15.827	VV	267	4617	0.07%	0.006%
208	15.884	15.827	15.963	VV	2588	37905	0.56%	0.048%
209	15.991	15.963	16.130	PV	79	2109	0.03%	0.003%
210	16.208	16.130	16.229	PV	170	4982	0.07%	0.006%
211	16.254	16.229	16.294	VV	231	4626	0.07%	0.006%
212	16.389	16.294	16.548	VV	319298	4353697	64.82%	5.545%
213	16.560	16.548	16.655	VV	195	8221	0.12%	0.010%
214	16.700	16.655	16.724	VV	199	4339	0.06%	0.006%
215	16.746	16.724	16.768	VV	164	2557	0.04%	0.003%
216	16.785	16.768	16.798	PV	92	758	0.01%	0.001%
217	16.809	16.798	16.814	VV	40	251	0.00%	0.000%
218	16.874	16.814	16.944	VV	3543	53822	0.80%	0.069%
219	16.979	16.944	16.994	PV	100	1447	0.02%	0.002%
220	17.004	16.994	17.023	VV	82	966	0.01%	0.001%
221	17.049	17.023	17.068	VV	198	3539	0.05%	0.005%

					rteres			
222	17.078	17.068	17.129	VV	133	2843	0.04%	0.004%
223	17.176	17.129	17.194	VV	147	3026	0.05%	0.004%
224	17.223	17.194	17.279	VV	280	6549	0.10%	0.008%
225	17.344	17.279	17.538	VV	309678	4176554	62.18%	5.319%
226	17.581	17.538	17.605	VV	223	6637	0.10%	0.008%
227	17.613	17.605	17.655	VV	179	4542	0.07%	0.006%
228	17.682	17.655	17.701	VV	168	2855	0.04%	0.004%
229	17.797	17.701	17.861	VV	5290	84621	1.26%	0.108%
230	17.902	17.861	17.951	VV	219	6949	0.10%	0.009%
231	17.966	17.951	17.972	VV	68	638	0.01%	0.001%
232	18.010	17.972	18.040	VV	105	2452	0.04%	0.003%
233	18.079	18.040	18.097	PV	170	3129	0.05%	0.004%
234	18.126	18.097	18.164	VV	875	13298	0.20%	0.017%
235	18.238	18.164	18.354	PV	284477	3927224	58.47%	5.002%
236	18.387	18.354	18.478	VV	623	20321	0.30%	0.026%
237	18.513	18.478	18.535	VV	358	6163	0.09%	0.008%
238	18.559	18.535	18.575	VV	182	2113	0.03%	0.003%
239	18.591	18.575	18.608	VV	111	1507	0.02%	0.002%
240	18.661	18.608	18.732	VV	5624	85036	1.27%	0.108%
241	18.756	18.732	18.785	VV	583	8505	0.13%	0.011%
242	18.795	18.785	18.805	VV	76	350	0.01%	0.000%
243	18.922	18.805	18.961	PV	288	5445	0.08%	0.007%
244	18.972	18.961	18.994	VV	161	1807	0.03%	0.002%
245	19.074	18.994	19.158	PV	265559	3729295	55.52%	4.750%
246	19.178	19.158	19.208	VV	431	9204	0.14%	0.012%
247	19.228	19.208	19.267	VV	336	7720	0.11%	0.010%
248	19.331	19.267	19.350	VV	339	8100	0.12%	0.010%
249	19.374	19.350	19.419	VV	213	4712	0.07%	0.006%
250	19.474	19.419	19.545	PV	4978	81387	1.21%	0.104%
251	19.601	19.545	19.613	VV	246	7083	0.11%	0.009%
252	19.651	19.613	19.664	VV	332	7486	0.11%	0.010%
253	19.721	19.664	19.745	VV	504	14511	0.22%	0.018%
254	19.766	19.745	19.787	VV	400	7598	0.11%	0.010%
255	19.863	19.787	19.956	VV	242415	3565870	53.09%	4.542%
256	19.966	19.956	19.975	VV	692	7711	0.11%	0.010%
257	20.018	19.975	20.043	VV	652	25687	0.38%	0.033%
258	20.061	20.043	20.070	VV	628	9684	0.14%	0.012%
259	20.106	20.070	20.125	VV	860	23714	0.35%	0.030%
260	20.152	20.125	20.185	VV	980	30858	0.46%	0.039%
261	20.239	20.185	20.275	VV	3839	85433	1.27%	0.109%
262	20.292	20.275	20.319	VV	931	22830	0.34%	0.029%
263	20.434	20.319	20.448	VV	1170	80437	1.20%	0.102%
264	20.511	20.448	20.542	VV	1808	83132	1.24%	0.106%
265	20.608	20.542	20.720	VV	227249	3489279	51.95%	4.444%
266	20.758	20.720	20.771	VV	2195	66723	0.99%	0.085%
267	20.785	20.771	20.808	VV	2160	46997	0.70%	0.060%
268	20.885	20.808	20.918	VV	2277	142900	2.13%	0.182%
269	20.974	20.918	21.015	VV	3945	150651	2.24%	0.192%

270	21.118	21.015	21.200	VV	3951	332759	4.95%	0.424%
271	21.219	21.200	21.268	VV	2297	85905	1.28%	0.109%
272	21.283	21.268	21.316	VV	1960	54295	0.81%	0.069%
273	21.382	21.316	21.521	VV	168943	3396419	50.57%	4.326%
274	21.536	21.521	21.618	VV	1667	88875	1.32%	0.113%
275	21.631	21.618	21.703	VV	1337	64376	0.96%	0.082%
276	21.744	21.703	21.765	VV	1237	42674	0.64%	0.054%
277	21.774	21.765	21.796	VV	1067	19059	0.28%	0.024%
278	21.840	21.796	21.891	VV	1708	69187	1.03%	0.088%
279	21.897	21.891	21.911	VV	837	9539	0.14%	0.012%
280	21.918	21.911	21.928	VV	748	7348	0.11%	0.009%
281	21.954	21.928	22.034	VV	728	38368	0.57%	0.049%
282	22.062	22.034	22.085	VV	471	12631	0.19%	0.016%
283	22.091	22.085	22.121	VV	390	6529	0.10%	0.008%
284	22.169	22.121	22.205	VV	257	9009	0.13%	0.011%
285	22.248	22.205	22.265	VV	97	2710	0.04%	0.003%
286	22.364	22.265	22.501	PBA	113168	3038995	45.24%	3.871%
Sum of corrected areas:						78515222		

Aliphatic EPH 102925.M Fri Nov 21 00:25:51 2025



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

Manual Integration Report

Sequence:	FF102925AR	Instrument	FID_f
-----------	------------	------------	-------

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:	FF111725AR	Instrument	FID_f
-----------	------------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM AROMATIC HC	FF016716.D	Indeno[1,2,3-cd]pyrene (C35.01)	rahul	11/18/2025 11:02:04 AM	mohammad	11/19/2025 12:23:12	Peak Integrated by Software



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

Manual Integration Report

Sequence:	FG102925AL	Instrument	FID_g
-----------	------------	------------	-------

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:

FG111725AL

Instrument

FID_g

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:	FG112025AL	Instrument	FID_g
-----------	------------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
-----------	---------	-----------	-----------	-----------	---------------	---------------	--------

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102925AR

Review By	yogesh	Review On	10/29/2025 1:14:34 PM
Supervise By	Sohil	Supervise On	10/30/2025 4:01:10 PM
SubDirectory	FF102925AR	HP Acquire Method	HP Processing Method FF102925AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959		
CCC Internal Standard/PEM	PP24961		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24955,PP24960		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016609.D	29 Oct 2025 13:36	YP\AJ	Ok
2	I.BLK	FF016610.D	29 Oct 2025 14:05	YP\AJ	Ok
3	100 PPM AROMATIC HC STD1	FF016611.D	29 Oct 2025 14:35	YP\AJ	Not Ok
4	50 PPM AROMATIC HC STD2	FF016612.D	29 Oct 2025 15:04	YP\AJ	Ok
5	20 PPM AROMATIC HC STD3	FF016613.D	29 Oct 2025 15:34	YP\AJ	Ok
6	10 PPM AROMATIC HC STD4	FF016614.D	29 Oct 2025 16:03	YP\AJ	Ok
7	100 PPM AROMATIC HC STD1	FF016615.D	29 Oct 2025 17:02	YP\AJ	Ok
8	5 PPM AROMATIC HC STD5	FF016616.D	29 Oct 2025 18:07	YP\AJ	Ok
9	20 PPM AROMATIC HC STD ICV	FF016617.D	29 Oct 2025 19:06	YP\AJ	Ok
10	I.BLK	FF016618.D	29 Oct 2025 20:05	YP\AJ	Ok
11	20 PPM AROMATIC HC STD	FF016619.D	29 Oct 2025 20:34	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF111725AR

Review By	rahul	Review On	11/17/2025 3:33:41 PM
Supervise By	mohammad	Supervise On	11/19/2025 12:23:12 AM
SubDirectory	FF111725AR	HP Acquire Method	HP Processing Method FF102925AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959		
CCC Internal Standard/PEM	PP24961		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24955,PP24960		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF016714.D	17 Nov 2025 10:24	YP\AJ	Ok
2	I.BLK	FF016715.D	17 Nov 2025 13:50	YP\AJ	Ok
3	20 PPM AROMATIC HC STD	FF016716.D	17 Nov 2025 14:20	YP\AJ	Ok,M
4	PB170577BS	FF016717.D	17 Nov 2025 15:00	YP\AJ	Ok
5	PB170577BSD	FF016718.D	17 Nov 2025 15:30	YP\AJ	Ok
6	PB170577BL	FF016719.D	17 Nov 2025 16:34	YP\AJ	Ok
7	PB170496BS	FF016720.D	17 Nov 2025 17:03	YP\AJ	Not Ok
8	PB170496BSD	FF016721.D	17 Nov 2025 17:32	YP\AJ	Not Ok
9	Q3586-01	FF016722.D	17 Nov 2025 18:02	YP\AJ	Ok
10	Q3586-02	FF016723.D	17 Nov 2025 18:31	YP\AJ	Ok
11	Q3586-03	FF016724.D	17 Nov 2025 19:01	YP\AJ	Ok
12	Q3586-03D	FF016725.D	17 Nov 2025 19:30	YP\AJ	Ok
13	Q3586-03MS	FF016726.D	17 Nov 2025 19:59	YP\AJ	Ok
14	Q3586-03MSD	FF016727.D	17 Nov 2025 20:29	YP\AJ	Ok
15	Q3618-01	FF016728.D	17 Nov 2025 20:58	YP\AJ	Ok
16	Q3618-02	FF016729.D	17 Nov 2025 21:28	YP\AJ	Ok
17	I.BLK	FF016730.D	17 Nov 2025 22:27	YP\AJ	Ok
18	20 PPM AROMATIC HC STD	FF016731.D	17 Nov 2025 22:56	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG102925AL

Review By	yogesh	Review On	10/29/2025 1:10:18 PM
Supervise By	Sohil	Supervise On	10/30/2025 4:00:31 PM
SubDirectory	FG102925AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016845.D	29 Oct 2025 13:06	YP\AJ	Ok
2	I.BLK	FG016846.D	29 Oct 2025 13:36	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG016847.D	29 Oct 2025 14:05	YP\AJ	Not Ok
4	50 PPM ALIPHATIC HC STD2	FG016848.D	29 Oct 2025 14:35	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG016849.D	29 Oct 2025 15:04	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG016850.D	29 Oct 2025 15:34	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG016851.D	29 Oct 2025 16:03	YP\AJ	Ok
8	100 PPM ALIPHATIC HC STD1	FG016852.D	29 Oct 2025 16:33	YP\AJ	Ok
9	20 PPM ALIPHATIC HC STD ICV	FG016853.D	29 Oct 2025 17:32	YP\AJ	Ok
10	I.BLK	FG016854.D	29 Oct 2025 19:35	YP\AJ	Ok
11	20 PPM ALIPHATIC HC STD	FG016855.D	29 Oct 2025 20:05	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG111725AL

Review By	rahul	Review On	11/17/2025 3:35:35 PM
Supervise By	mohammad	Supervise On	11/19/2025 12:23:20 AM
SubDirectory	FG111725AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016923.D	17 Nov 2025 10:24	YP\AJ	Ok
2	I.BLK	FG016924.D	17 Nov 2025 13:50	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016925.D	17 Nov 2025 14:20	YP\AJ	Ok
4	PB170577BL	FG016926.D	17 Nov 2025 16:34	YP\AJ	Not Ok
5	PB170577BS	FG016927.D	17 Nov 2025 17:03	YP\AJ	Ok
6	PB170577BSD	FG016928.D	17 Nov 2025 17:32	YP\AJ	Ok
7	Q3586-01	FG016929.D	17 Nov 2025 18:02	YP\AJ	Ok
8	Q3586-02	FG016930.D	17 Nov 2025 18:31	YP\AJ	Ok
9	Q3586-03	FG016931.D	17 Nov 2025 19:01	YP\AJ	ReRun
10	Q3586-03D	FG016932.D	17 Nov 2025 19:30	YP\AJ	Not Ok
11	Q3586-03MS	FG016933.D	17 Nov 2025 19:59	YP\AJ	Not Ok
12	Q3586-03MSD	FG016934.D	17 Nov 2025 20:29	YP\AJ	Not Ok
13	Q3618-01	FG016935.D	17 Nov 2025 20:58	YP\AJ	Ok
14	Q3618-02	FG016936.D	17 Nov 2025 21:28	YP\AJ	Ok
15	I.BLK	FG016937.D	17 Nov 2025 22:27	YP\AJ	Ok
16	20 PPM ALIPHATIC HC STD	FG016938.D	17 Nov 2025 22:56	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG112025AL

Review By	Rahul	Review On	11/20/2025 10:43:14 AM
Supervise By	mohammad	Supervise On	11/21/2025 6:40:27 AM
SubDirectory	FG112025AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC Internal Standard/PEM	PP24771		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24769,PP24774		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG016954.D	20 Nov 2025 09:37	YP\AJ	Ok
2	I.BLK	FG016955.D	20 Nov 2025 10:07	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG016956.D	20 Nov 2025 10:36	YP\AJ	Ok
4	PB170577BL	FG016957.D	20 Nov 2025 11:09	YP\AJ	Ok
5	Q3586-03	FG016958.D	20 Nov 2025 13:13	YP\AJ	Ok
6	Q3586-03D	FG016959.D	20 Nov 2025 13:43	YP\AJ	Ok,M
7	Q3586-03MS	FG016960.D	20 Nov 2025 14:56	YP\AJ	Ok
8	Q3586-03MSD	FG016961.D	20 Nov 2025 15:41	YP\AJ	Ok
9	I.BLK	FG016962.D	20 Nov 2025 16:41	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FG016963.D	20 Nov 2025 17:15	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF102925AR

Review By	yogesh	Review On	10/29/2025 1:14:34 PM
Supervise By	Sohil	Supervise On	10/30/2025 4:01:10 PM
SubDirectory	FF102925AR	HP Acquire Method	HP Processing Method FF102925AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959		
CCC	PP24961		
Internal Standard/PEM			
ICV/I.BLK	PP24955,PP24960		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016609.D	29 Oct 2025 13:36		YP\AJ	Ok
2	I.BLK	I.BLK	FF016610.D	29 Oct 2025 14:05		YP\AJ	Ok
3	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FF016611.D	29 Oct 2025 14:35		YP\AJ	Not Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FF016612.D	29 Oct 2025 15:04		YP\AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016613.D	29 Oct 2025 15:34		YP\AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FF016614.D	29 Oct 2025 16:03		YP\AJ	Ok
7	100 PPM AROMATIC HC	100 PPM AROMATIC HC	FF016615.D	29 Oct 2025 17:02		YP\AJ	Ok
8	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FF016616.D	29 Oct 2025 18:07		YP\AJ	Ok
9	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016617.D	29 Oct 2025 19:06		YP\AJ	Ok
10	I.BLK	I.BLK	FF016618.D	29 Oct 2025 20:05		YP\AJ	Ok
11	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016619.D	29 Oct 2025 20:34		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF111725AR

Review By	rahul	Review On	11/17/2025 3:33:41 PM
Supervise By	mohammad	Supervise On	11/19/2025 12:23:12 AM
SubDirectory	FF111725AR	HP Acquire Method	HP Processing Method FF102925AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959		
CCC	PP24961		
Internal Standard/PEM	PP24955,PP24960		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FF016714.D	17 Nov 2025 10:24		YPIAJ	Ok
2	I.BLK	I.BLK	FF016715.D	17 Nov 2025 13:50		YPIAJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016716.D	17 Nov 2025 14:20		YPIAJ	Ok,M
4	PB170577BS	PB170577BS	FF016717.D	17 Nov 2025 15:00		YPIAJ	Ok
5	PB170577BSD	PB170577BSD	FF016718.D	17 Nov 2025 15:30		YPIAJ	Ok
6	PB170577BL	PB170577BL	FF016719.D	17 Nov 2025 16:34		YPIAJ	Ok
7	PB170496BS	PB170496BS	FF016720.D	17 Nov 2025 17:03	recoovery ffail	YPIAJ	Not Ok
8	PB170496BSD	PB170496BSD	FF016721.D	17 Nov 2025 17:32	recoovery ffail	YPIAJ	Not Ok
9	Q3586-01	SED-1	FF016722.D	17 Nov 2025 18:02		YPIAJ	Ok
10	Q3586-02	SED-2	FF016723.D	17 Nov 2025 18:31		YPIAJ	Ok
11	Q3586-03	SED-3	FF016724.D	17 Nov 2025 19:01		YPIAJ	Ok
12	Q3586-03D	Q3586-03D	FF016725.D	17 Nov 2025 19:30		YPIAJ	Ok
13	Q3586-03MS	SED-3MS	FF016726.D	17 Nov 2025 19:59	FF016724.D	YPIAJ	Ok
14	Q3586-03MSD	SED-3MSD	FF016727.D	17 Nov 2025 20:29	FF016724.D!FF016726.D	YPIAJ	Ok
15	Q3618-01	EME-TOP-SOIL	FF016728.D	17 Nov 2025 20:58		YPIAJ	Ok
16	Q3618-02	EME-GENERAL-FILL	FF016729.D	17 Nov 2025 21:28		YPIAJ	Ok
17	I.BLK	I.BLK	FF016730.D	17 Nov 2025 22:27		YPIAJ	Ok
18	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FF016731.D	17 Nov 2025 22:56		YPIAJ	Ok

Instrument ID: FID_F

Daily Analysis Runlog For Sequence/QC Batch ID # FF111725AR

Review By	rahul	Review On	11/17/2025 3:33:41 PM
Supervise By	mohammad	Supervise On	11/19/2025 12:23:12 AM
SubDirectory	FF111725AR	HP Acquire Method	HP Processing Method FF102925AR
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24954,PP24956,PP24957,PP24958,PP24959		
CCC Internal Standard/PEM	PP24961		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24955,PP24960		

M : Manual Integration

A
B
C
D
E
F
G
H
I
J

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG102925AL

Review By	yogesh	Review On	10/29/2025 1:10:18 PM
Supervise By	Sohil	Supervise On	10/30/2025 4:00:31 PM
SubDirectory	FG102925AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM	PP24769,PP24774		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016845.D	29 Oct 2025 13:06		YP\AJ	Ok
2	I.BLK	I.BLK	FG016846.D	29 Oct 2025 13:36		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016847.D	29 Oct 2025 14:05		YP\AJ	Not Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG016848.D	29 Oct 2025 14:35		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016849.D	29 Oct 2025 15:04		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG016850.D	29 Oct 2025 15:34		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG016851.D	29 Oct 2025 16:03		YP\AJ	Ok
8	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FG016852.D	29 Oct 2025 16:33		YP\AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016853.D	29 Oct 2025 17:32		YP\AJ	Ok
10	I.BLK	I.BLK	FG016854.D	29 Oct 2025 19:35		YP\AJ	Ok
11	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016855.D	29 Oct 2025 20:05		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG111725AL

Review By	rahul	Review On	11/17/2025 3:35:35 PM
Supervise By	mohammad	Supervise On	11/19/2025 12:23:20 AM
SubDirectory	FG111725AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM	PP24769,PP24774		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016923.D	17 Nov 2025 10:24		YPIAJ	Ok
2	I.BLK	I.BLK	FG016924.D	17 Nov 2025 13:50		YPIAJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016925.D	17 Nov 2025 14:20		YPIAJ	Ok
4	PB170577BL	PB170577BL	FG016926.D	17 Nov 2025 16:34	Surrogate fail	YPIAJ	Not Ok
5	PB170577BS	PB170577BS	FG016927.D	17 Nov 2025 17:03		YPIAJ	Ok
6	PB170577BSD	PB170577BSD	FG016928.D	17 Nov 2025 17:32		YPIAJ	Ok
7	Q3586-01	SED-1	FG016929.D	17 Nov 2025 18:02		YPIAJ	Ok
8	Q3586-02	SED-2	FG016930.D	17 Nov 2025 18:31		YPIAJ	Ok
9	Q3586-03	SED-3	FG016931.D	17 Nov 2025 19:01	Surrogate fail	YPIAJ	ReRun
10	Q3586-03D	Q3586-03D	FG016932.D	17 Nov 2025 19:30	Not matching with original	YPIAJ	Not Ok
11	Q3586-03MS	SED-3MS	FG016933.D	17 Nov 2025 19:59	FG016931.D	YPIAJ	Not Ok
12	Q3586-03MSD	SED-3MSD	FG016934.D	17 Nov 2025 20:29	FG016931.D!FG016933.D	YPIAJ	Not Ok
13	Q3618-01	EME-TOP-SOIL	FG016935.D	17 Nov 2025 20:58		YPIAJ	Ok
14	Q3618-02	EME-GENERAL-FILL	FG016936.D	17 Nov 2025 21:28		YPIAJ	Ok
15	I.BLK	I.BLK	FG016937.D	17 Nov 2025 22:27		YPIAJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016938.D	17 Nov 2025 22:56		YPIAJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG112025AL

Review By	Rahul	Review On	11/20/2025 10:43:14 AM
Supervise By	mohammad	Supervise On	11/21/2025 6:40:27 AM
SubDirectory	FG112025AL	HP Acquire Method	HP Processing Method FG102925AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773		
CCC	PP24771		
Internal Standard/PEM	PP24769,PP24774		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG016954.D	20 Nov 2025 09:37		YP\AJ	Ok
2	I.BLK	I.BLK	FG016955.D	20 Nov 2025 10:07		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016956.D	20 Nov 2025 10:36		YP\AJ	Ok
4	PB170577BL	PB170577BL	FG016957.D	20 Nov 2025 11:09		YP\AJ	Ok
5	Q3586-03	SED-3	FG016958.D	20 Nov 2025 13:13		YP\AJ	Ok
6	Q3586-03D	Q3586-03D	FG016959.D	20 Nov 2025 13:43		YP\AJ	Ok,M
7	Q3586-03MS	SED-3MS	FG016960.D	20 Nov 2025 14:56	FG016958.D	YP\AJ	Ok
8	Q3586-03MSD	SED-3MSD	FG016961.D	20 Nov 2025 15:41	FG016958.D!FG016960.D	YP\AJ	Ok
9	I.BLK	I.BLK	FG016962.D	20 Nov 2025 16:41		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG016963.D	20 Nov 2025 17:15		YP\AJ	Ok

M : Manual Integration

SOP ID:	MNJDEP-EPH-8		
Clean Up SOP #:	N/A	Extraction Start Date :	11/17/2025
Matrix :	Solid	Extraction Start Time :	08:38
Weigh By:	EH	Extraction By:	RJ
Balance check:	EH	Extraction End Date :	11/17/2025
Balance ID:	EX-SC-2	Filter By:	RJ
pH Strip Lot#:	N/A	Extraction End Time :	14:25
		Concentration By:	EH
		Supervisor By :	RUPESH
Extraction Method:	☐ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP25012
Fractionation Surrogate	1.0ML	100 PPM	PP24994
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	EP2659
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3984
Methylene Chloride	N/A	E3986
EPH Cartridge	N/A	E3970
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 # 2210443.

KD Bath ID:	N/A	Envap ID:	N-EVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/17/25	RS (Ext Lab)	RC/Post PCB
11/27	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-8

Concentration Date: 11/17/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170577BL	PB170577BL	EPH	30.01	N/A	ritesh	Evelyn	2			U2-1
PB170577BS	PB170577BS	EPH	30.03	N/A	ritesh	Evelyn	2			2
PB170577BSD	PB170577BSD	EPH	30.02	N/A	ritesh	Evelyn	2			3
Q3586-01	SED-1	EPH	30.04	N/A	ritesh	Evelyn	2	H		4
Q3586-02	SED-2	EPH	30.08	N/A	ritesh	Evelyn	2	H		5
Q3586-03	SED-3	EPH	30.07	N/A	ritesh	Evelyn	2	H		6
Q3586-03DUP	SED-3DUP	EPH	30.05	N/A	ritesh	Evelyn	2	H		U3-1
Q3586-03MS	SED-3MS	EPH	30.03	N/A	ritesh	Evelyn	2	H		2
Q3586-03MSD	SED-3MSD	EPH	30.01	N/A	ritesh	Evelyn	2	H		3
Q3618-01	EME-TOP-SOIL	EPH	30.06	N/A	ritesh	Evelyn	2	E		4
Q3618-02	EME-GENERAL-FILL	EPH	30.09	N/A	ritesh	Evelyn	2	F		5

RS
11/17

11/17/25 8:35 AM

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3586 WorkList ID : 193150 Department : Extraction Date : 11-17-2025 08:34:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3586-01	SED-1	Solid	EPH	Cool 4 deg C	REMI02	D31	11/06/2025	NJEPH
Q3586-02	SED-2	Solid	EPH	Cool 4 deg C	REMI02	D31	11/06/2025	NJEPH
Q3586-03	SED-3	Solid	EPH	Cool 4 deg C	REMI02	D31	11/06/2025	NJEPH
Q3618-01	EME-TOP-SOIL	Solid	EPH	Cool 4 deg C	ENTA05	D41	11/12/2025	NJEPH
Q3618-02	EME-GENERAL-FILL	Solid	EPH	Cool 4 deg C	ENTA05	D41	11/12/2025	NJEPH

Date/Time 11/17/25 8:35
Raw Sample Received by: RJ (Ent06)
Raw Sample Relinquished by: RJ (Ent06)

Date/Time 11/17/25 8:50
Raw Sample Received by: RJ (Ent06)
Raw Sample Relinquished by: RJ (Ent06)



LAB CHRONICLE

OrderID:	Q3586	OrderDate:	11/7/2025 3:20:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	SED-1	SOIL			11/06/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	
			EPH	NJEPH		11/17/25	11/17/25	
Q3586-02	SED-2	SOIL			11/06/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	
			EPH	NJEPH		11/17/25	11/17/25	
Q3586-03	SED-3	SOIL			11/06/25			11/07/25
			PCB	8082A		11/11/25	11/11/25	
			Pesticide-TCL	8081B		11/11/25	11/11/25	
			EPH	NJEPH		11/17/25	11/17/25	
			EPH	NJEPH		11/17/25	11/20/25	