

Initial Calibration Report for SequenceID : FF102124AR

AreaCount

Parameter Range	FF014714.D	FF014715.D	FF014716.D	FF014717.D	FF014718.D	
Aromatic C10-C12	28789924.000	15115035.000	6337092.000	3244642.000	1646729.000	
Aromatic C12-C16	44156071.000	23182440.000	9730614.000	4962356.000	2531591.000	
Aromatic C16-C21	57080822.000	30091772.000	12612739.000	6471263.000	3286587.000	
Aromatic C21-C36	123007784.000	64586877.000	27030069.000	13831409.000	7117725.000	
Aromatic EPH	253034601.000	132976124.000	55710514.000	28509670.000	14582632.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	156086.454	5.442				
Aromatic C12-C16	159619.6006664	5.463				
Aromatic C16-C21	155386.2155	5.677				
Aromatic C21-C36	148444.5495552	5.713				
Aromatic EPH	152698.7509994	5.625				

Concentration

Parameter Range	FF014714.D	FF014715.D	FF014716.D	FF014717.D	FF014718.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	FF014714.D	FF014715.D	FF014716.D	FF014717.D	FF014718.D	
Aromatic C10-C12	143949.620000	151150.350000	158427.300000	162232.100000	164672.900000	
Aromatic C12-C16	147186.903333	154549.600000	162176.900000	165411.866666	168772.733333	
Aromatic C16-C21	142702.055000	150458.860000	157659.237500	161781.575000	164329.350000	
Aromatic C21-C36	136675.315555	143526.393333	150167.050000	153682.322222	158171.666666	
Aromatic EPH	140574.778333	147751.248888	154751.427777	158387.055555	162029.244444	

Lab Sample ID:	100 PPM AROMATIC HC	Acq On:	21 Oct 2024 19:40
Client Sample ID:		Operator:	YP\AJ
Data file:	FF014714.D	Misc:	
Instrument:	FID_F	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.497	6.360	28789924.000	200.000	ug/ml
Aromatic C12-C16	6.361	9.050	44156071.000	300.000	ug/ml
Aromatic C16-C21	9.051	13.357	57080822.000	400.000	ug/ml
Aromatic C21-C36	13.358	18.791	123007784.000	900.000	ug/ml
Aromatic EPH	4.497	18.791	253034601.000	1800.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014714.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 19:40
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e

Quant Time: Oct 22 04:08:55 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M

Quant Title : GC Extractables

QLast Update : Tue Oct 22 04:07:29 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.984	12685568	89.862 ug/ml
Spiked Amount 50.000		Recovery =	179.72%
6) S 2-Fluorobiphenyl (SURR)	8.857	8681224	90.742 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	181.48%#
11) S ortho-Terphenyl (SURR)	11.920	14564828	89.931 ug/ml
Spiked Amount 50.000		Recovery =	179.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.600	14027819	90.864 ug/ml
2) T Naphthalene (C11.7)	6.265	14762105	90.859 ug/ml
3) T 2-Methylnaphthalene (...)	7.359	14917264	90.597 ug/ml
5) T Acenaphthylene (C15.06)	8.659	14643320	90.901 ug/ml
7) T Acenaphthene (C15.5)	8.961	14595487	90.777 ug/ml
8) T Fluorene (C16.55)	9.748	14501218	90.677 ug/ml
9) T Phenanthrene (C19.36)	11.152	14480416	90.605 ug/ml
10) T Anthracene (C19.43)	11.229	13790271	90.341 ug/ml
12) T Fluoranthene (C21.85)	12.972	14408878	90.224 ug/ml
13) T Pyrene (C20.8)	13.272	14308917	90.420 ug/ml
14) T Benzo[a]anthracene (C...	15.148	13979366	90.721 ug/ml
15) T Chrysene (C27.41)	15.198	14104588	90.289 ug/ml
16) T benzo[b]fluoranthene ...	16.706	14247840	92.074 ug/ml
17) T Bnezo[k]fluoranthene ...	16.747	13351009	91.598 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.091	13733570	90.762 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.459	13173471	95.486 ug/ml
20) T Dibenz[a,h]anthracene...	18.504	12746788	86.892 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.723	13262274	91.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014714.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 19:40
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

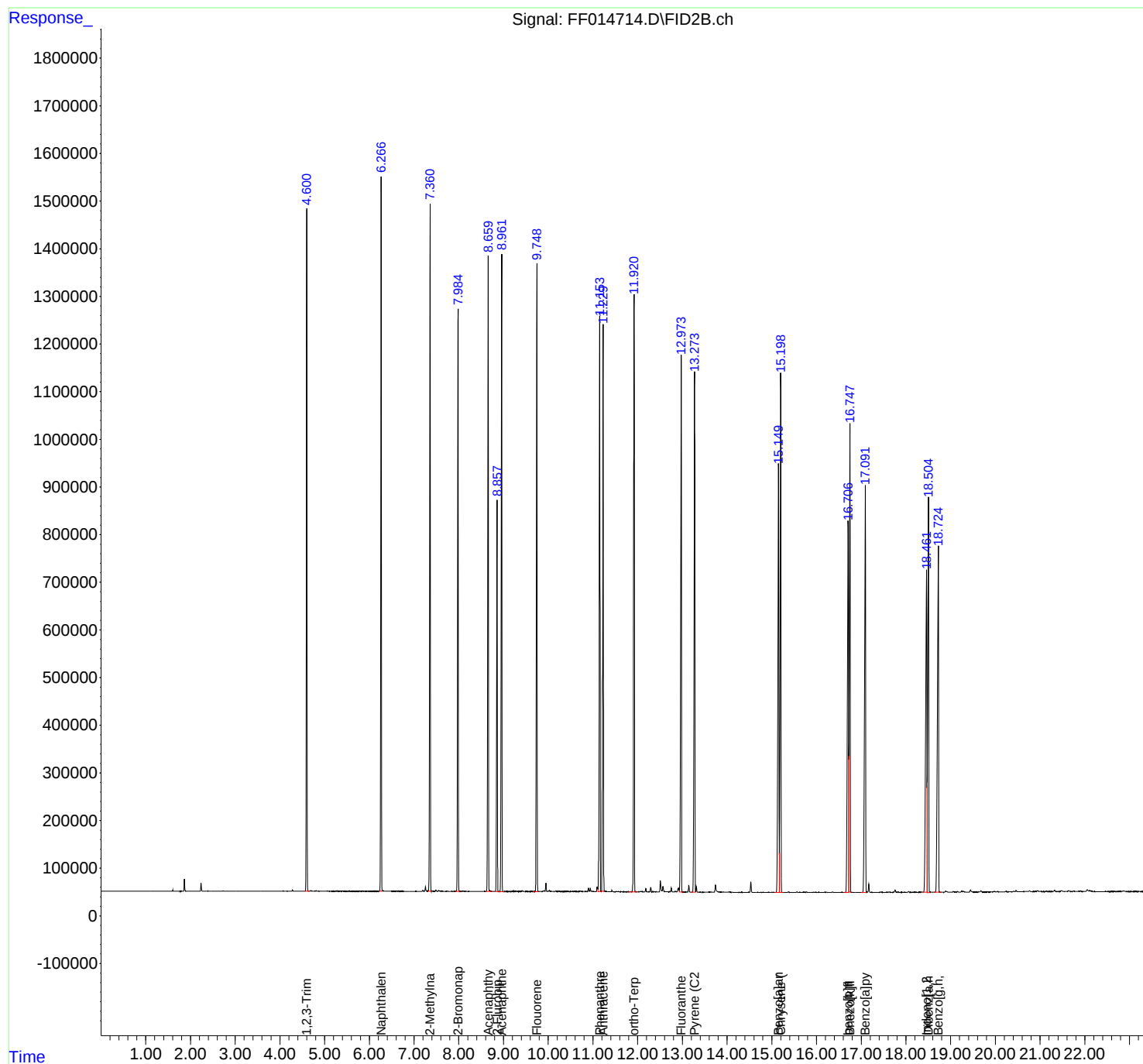
Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

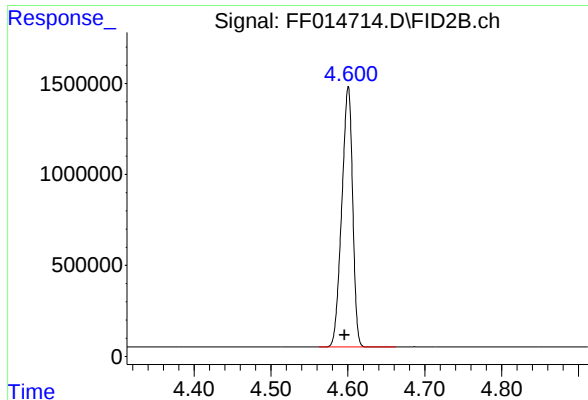
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
Quant Time: Oct 22 04:08:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:07:29 2024
Response via : Initial Calibration
Integrator: ChemStation

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





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

R.T.: 4.600 min
Delta R.T.: 0.004 min
Response: 14027819
Conc: 90.86 ug/ml

Instrument :

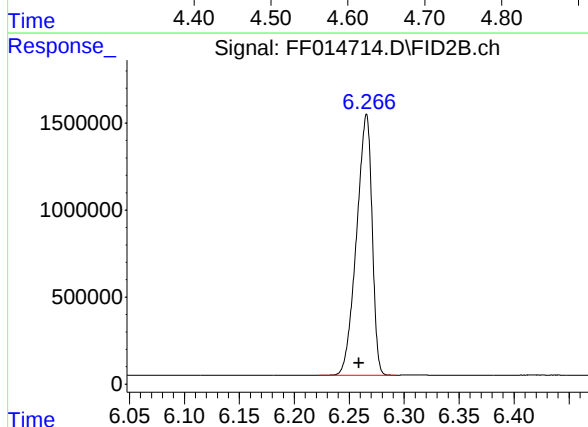
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ClientSampleId :

100 PPM AROMATIC HC STD1

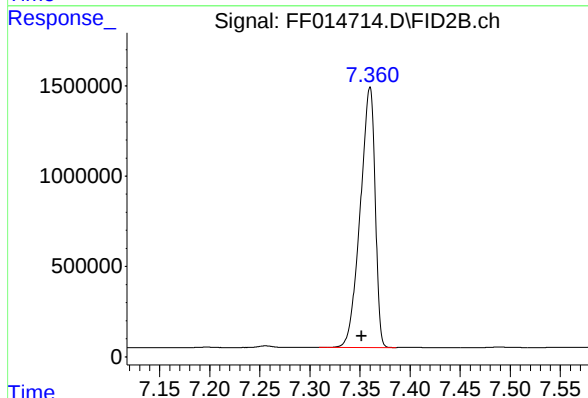
Manual Integrations
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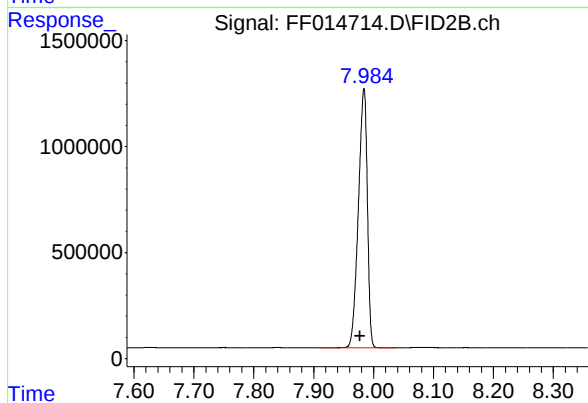
#2 Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: 0.006 min
Response: 14762105
Conc: 90.86 ug/ml



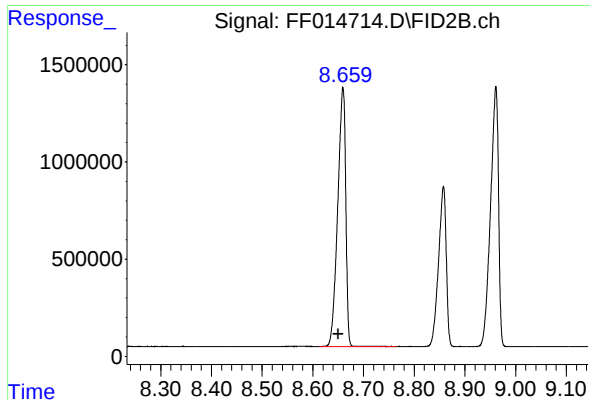
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: 0.008 min
Response: 14917264
Conc: 90.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.984 min
Delta R.T.: 0.006 min
Response: 12685568
Conc: 89.86 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.659 min
Delta R.T.: 0.009 min
Response: 14643320
Conc: 90.90 ug/ml

Instrument :

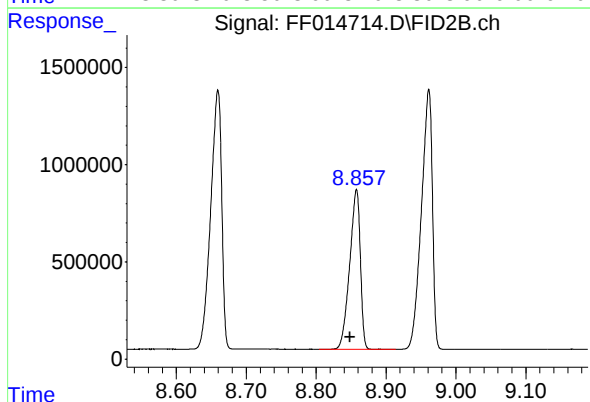
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

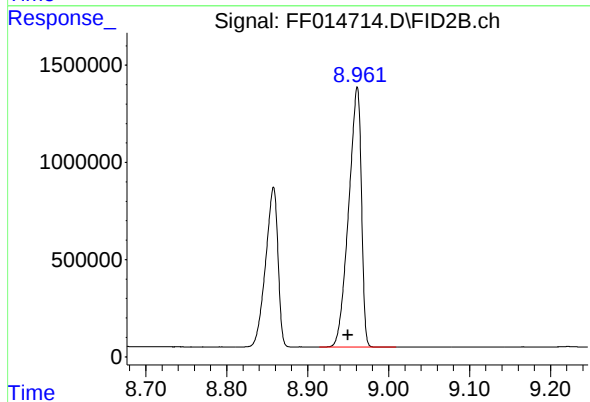
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



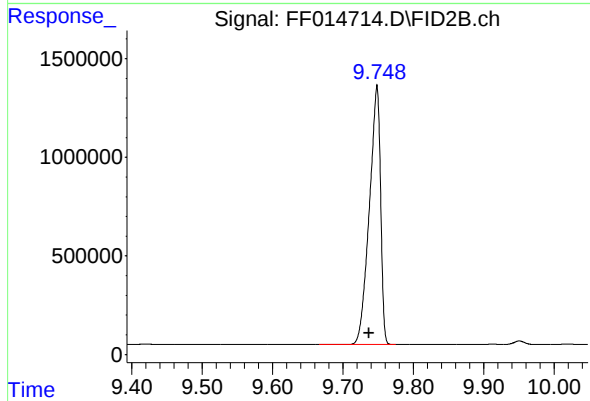
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.857 min
Delta R.T.: 0.008 min
Response: 8681224
Conc: 90.74 ug/ml



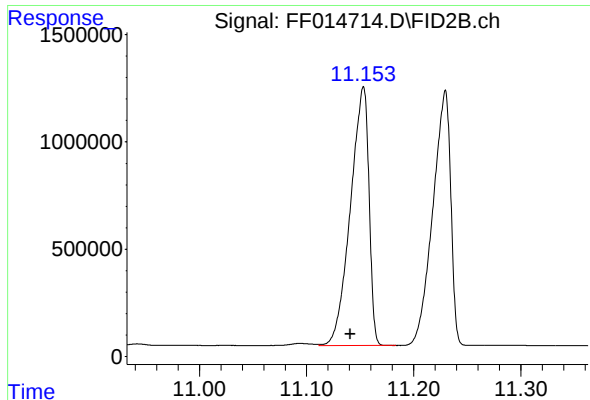
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.011 min
Response: 14595487
Conc: 90.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.748 min
Delta R.T.: 0.011 min
Response: 14501218
Conc: 90.68 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.152 min
Delta R.T.: 0.011 min
Response: 14480416
Conc: 90.61 ug/ml

Instrument :

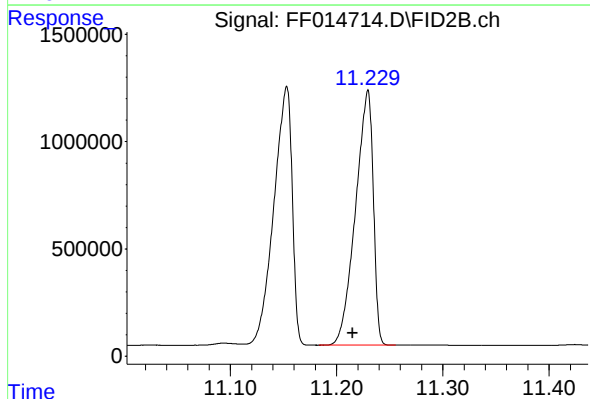
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

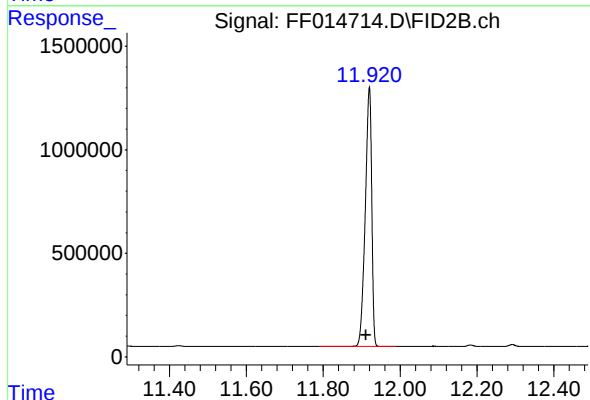
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



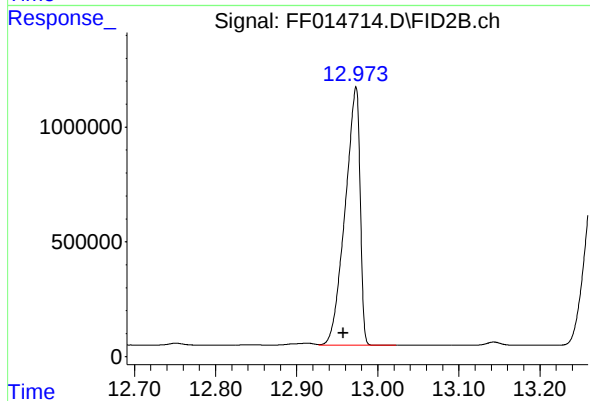
#10 Anthracene (C19.43)

R.T.: 11.229 min
Delta R.T.: 0.014 min
Response: 13790271
Conc: 90.34 ug/ml



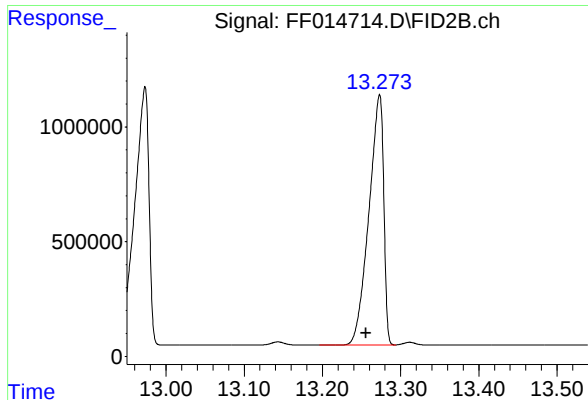
#11 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: 0.008 min
Response: 14564828
Conc: 89.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.972 min
Delta R.T.: 0.014 min
Response: 14408878
Conc: 90.22 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.272 min
Delta R.T.: 0.016 min
Response: 14308917
Conc: 90.42 ug/ml

Instrument :

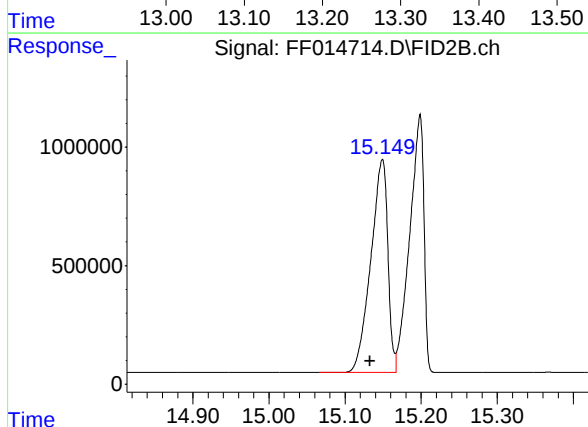
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

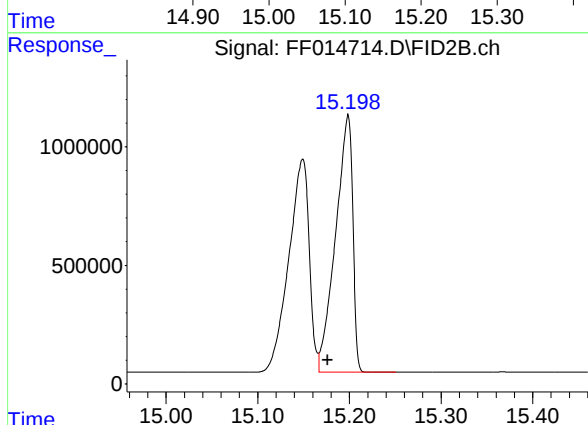
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



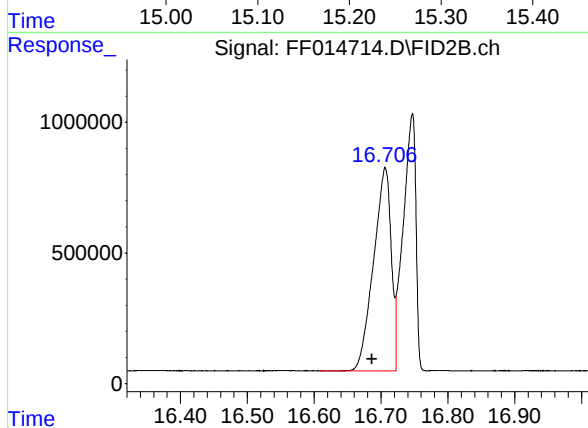
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.148 min
Delta R.T.: 0.016 min
Response: 13979366
Conc: 90.72 ug/ml



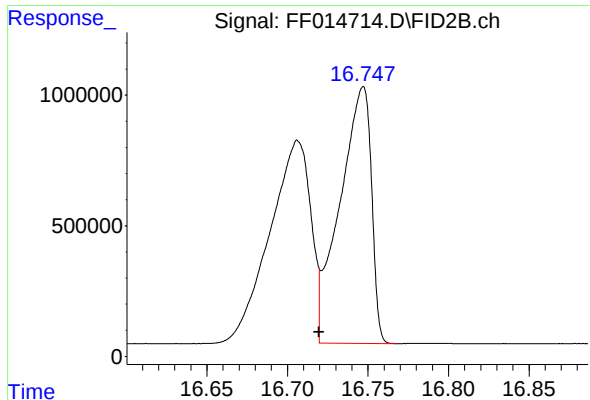
#15 Chrysene (C27.41)

R.T.: 15.198 min
Delta R.T.: 0.021 min
Response: 14104588
Conc: 90.29 ug/ml



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

R.T.: 16.706 min
Delta R.T.: 0.019 min
Response: 14247840
Conc: 92.07 ug/ml



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

R.T.: 16.747 min
Delta R.T.: 0.027 min
Response: 13351009
Conc: 91.60 ug/ml

Instrument :

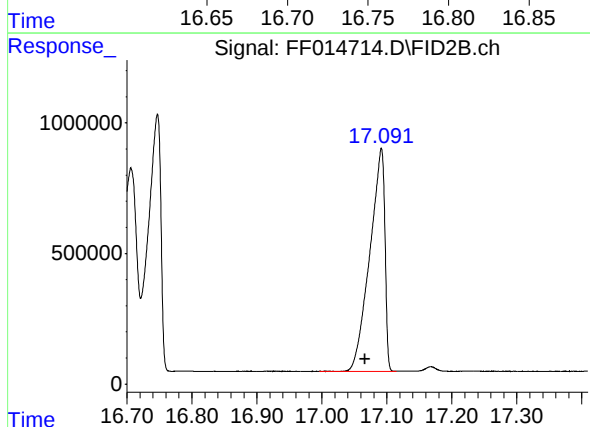
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

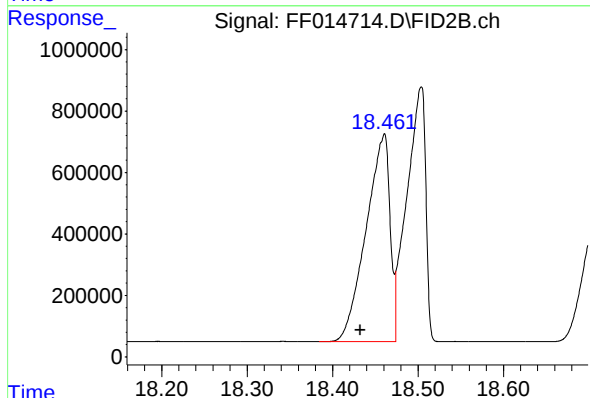
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



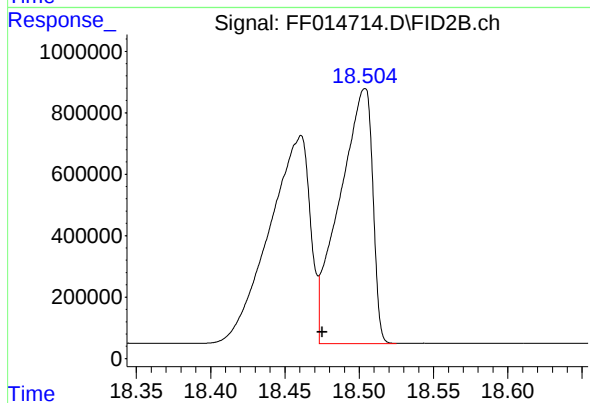
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.091 min
Delta R.T.: 0.025 min
Response: 13733570
Conc: 90.76 ug/ml



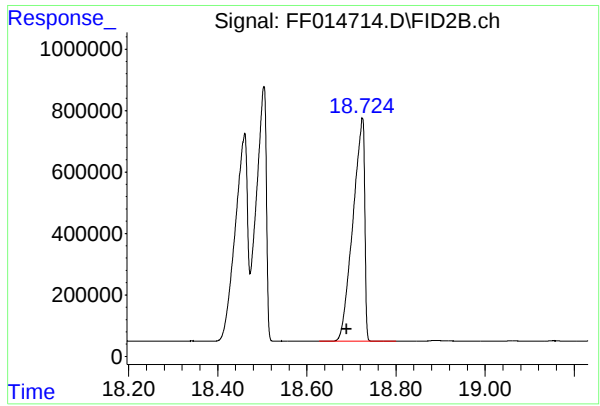
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.459 min
Delta R.T.: 0.027 min
Response: 13173471
Conc: 95.49 ug/ml



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

R.T.: 18.504 min
Delta R.T.: 0.029 min
Response: 12746788
Conc: 86.89 ug/ml m



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

R.T.: 18.723 min
Delta R.T.: 0.034 min
Response: 13262274
Conc: 91.45 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

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Instrument :
FID_F
LabSampleId :
100 PPM AROMATIC HC STD1
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124
Data File : FF014714.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 19:40
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.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	4.600	4.562	4.662	BV	1439591	14027819	94.04%	4.862%
2	6.265	6.222	6.292	BV	1508927	14762105	98.96%	5.116%
3	7.359	7.309	7.386	BV	1436323	14917264	100.00%	5.170%
4	7.984	7.909	8.037	BB	1228521	12685568	85.04%	4.397%
5	8.659	8.612	8.764	BB	1336126	14643320	98.16%	5.075%
6	8.857	8.804	8.914	BV	823777	8681224	58.20%	3.009%
7	8.961	8.914	9.009	PB	1341172	14595487	97.84%	5.059%
8	9.748	9.666	9.775	BV	1303746	14501218	97.21%	5.026%
9	11.152	11.112	11.183	VV	1206476	14480416	97.07%	5.019%
10	11.229	11.183	11.256	PV	1188441	13790271	92.45%	4.780%
11	11.920	11.789	11.989	BB	1248127	14564828	97.64%	5.048%
12	12.972	12.928	13.022	VB	1123143	14408878	96.59%	4.994%
13	13.272	13.196	13.294	BV	1088710	14308917	95.92%	4.959%
14	15.148	15.066	15.167	BV	901489	13979366	93.71%	4.845%
15	15.198	15.167	15.251	VB	1076788	14104588	94.55%	4.888%
16	16.706	16.607	16.722	BV	779091	14247840	95.51%	4.938%
17	16.746	16.722	16.771	VV	977723	12988329	87.07%	4.502%
18	17.091	16.996	17.114	BV	852269	13733570	92.06%	4.760%
19	18.459	18.384	18.474	BV	666252	13173471	88.31%	4.566%
20	18.503	18.474	18.529	VV	827105	12672676	84.95%	4.392%
21	18.723	18.627	18.800	BBA	729416	13262274	88.91%	4.597%
Sum of corrected areas:						288529429		

Aromatic EPH 102124.M Tue Oct 22 04:21:09 2024

Lab Sample ID:	50 PPM AROMATIC HC	Acq On:	21 Oct 2024 20:09
Client Sample ID:		Operator:	YP\AJ
Data file:	FF014715.D	Misc:	
Instrument:	FID_F	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.497	6.360	15115035.000	100.000	ug/ml
Aromatic C12-C16	6.361	9.050	23182440.000	150.000	ug/ml
Aromatic C16-C21	9.051	13.357	30091772.000	200.000	ug/ml
Aromatic C21-C36	13.358	18.791	64586877.000	450.000	ug/ml
Aromatic EPH	4.497	18.791	132976124.000	900.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014715.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 20:09
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 22 04:10:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:07:29 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.980	6689236	47.385 ug/ml
Spiked Amount 50.000		Recovery =	94.77%
6) S 2-Fluorobiphenyl (SURR)	8.852	4571031	47.779 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.56%
11) S ortho-Terphenyl (SURR)	11.916	7694214	47.508 ug/ml
Spiked Amount 50.000		Recovery =	95.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.597	7362780	47.692 ug/ml
2) T Naphthalene (C11.7)	6.261	7752255	47.714 ug/ml
3) T 2-Methylnaphthalene (...)	7.354	7839943	47.614 ug/ml
5) T Acenaphthylene (C15.06)	8.654	7664632	47.580 ug/ml
7) T Acenaphthene (C15.5)	8.954	7677865	47.753 ug/ml
8) T Fluorene (C16.55)	9.741	7635772	47.747 ug/ml
9) T Phenanthrene (C19.36)	11.146	7623448	47.701 ug/ml
10) T Anthracene (C19.43)	11.221	7279102	47.686 ug/ml
12) T Fluoranthene (C21.85)	12.964	7606946	47.632 ug/ml
13) T Pyrene (C20.8)	13.263	7553450	47.731 ug/ml
14) T Benzo[a]anthracene (C...	15.140	7373650	47.852 ug/ml
15) T Chrysene (C27.41)	15.186	7451906	47.703 ug/ml
16) T benzo[b]fluoranthene ...	16.696	7426647	47.994 ug/ml
17) T Bnezo[k]fluoranthene ...	16.732	6935597	47.583 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.078	7230851	47.787 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.446	6684543	48.452 ug/ml
20) T Dibenz[a,h]anthracene...	18.487	6921838	47.185 ug/ml
21) T Benzo[g,h,i]perylene ...	18.706	6954899	47.958 ug/ml

(f)=RT Delta > 1/2 Window

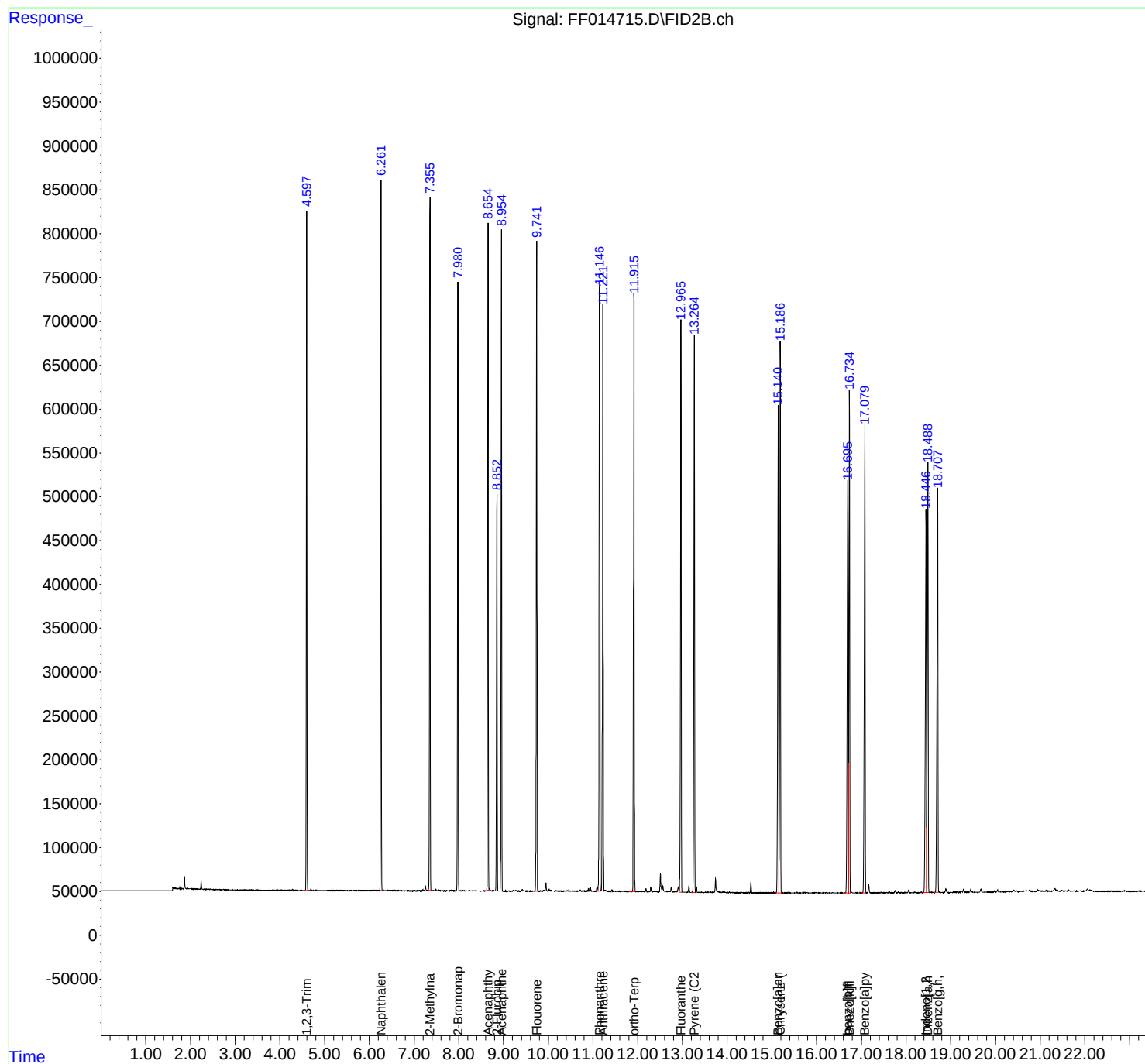
(m)=manual int.

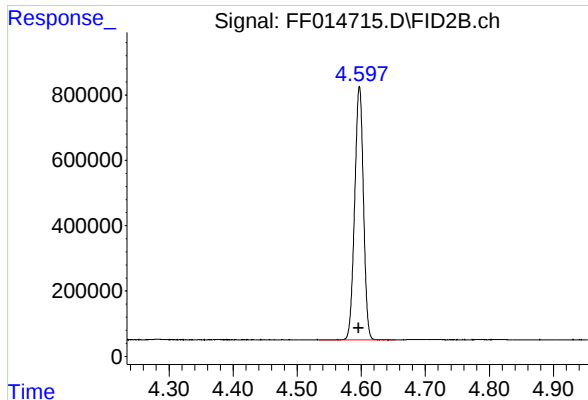
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014715.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 20:09
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 22 04:10:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:07:29 2024
Response via : Initial Calibration
Integrator: ChemStation

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

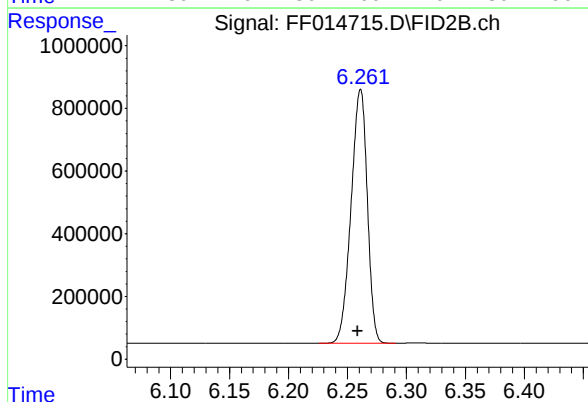




#1 1,2,3-Trimethylbenzene (C10.1)

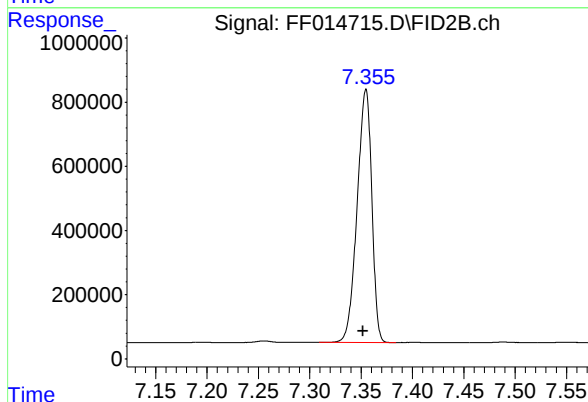
R.T.: 4.597 min
Delta R.T.: 0.001 min
Response: 7362780
Conc: 47.69 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



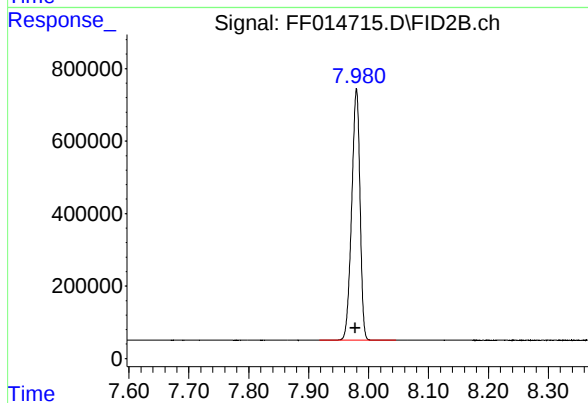
#2 Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: 0.002 min
Response: 7752255
Conc: 47.71 ug/ml



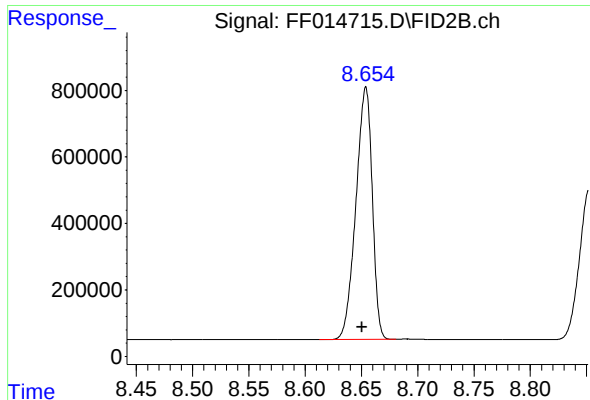
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: 0.003 min
Response: 7839943
Conc: 47.61 ug/ml



#4 2-Bromonaphthalene (SURR)

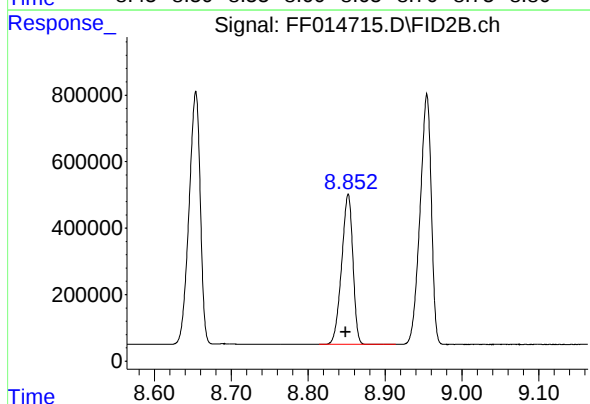
R.T.: 7.980 min
Delta R.T.: 0.002 min
Response: 6689236
Conc: 47.39 ug/ml



#5 Acenaphthylene (C15.06)

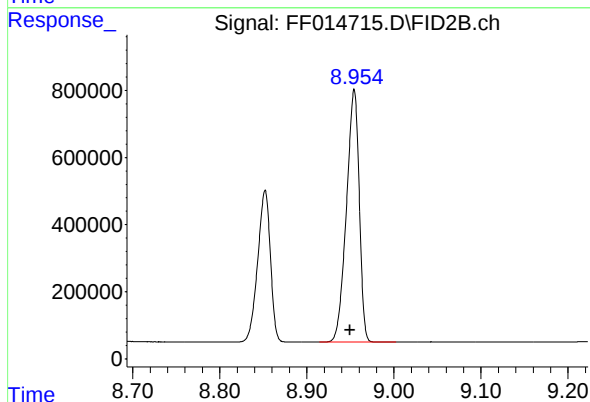
R.T.: 8.654 min
Delta R.T.: 0.003 min
Response: 7664632
Conc: 47.58 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



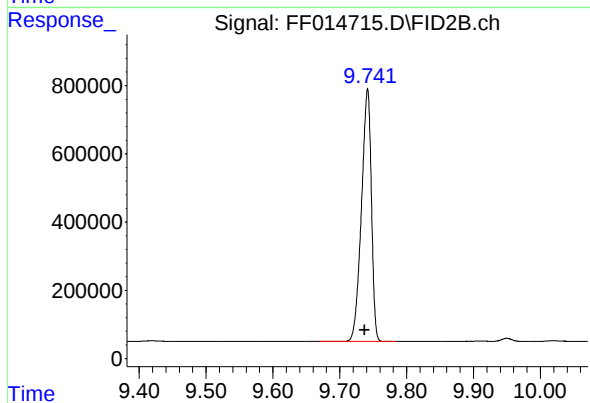
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.852 min
Delta R.T.: 0.003 min
Response: 4571031
Conc: 47.78 ug/ml



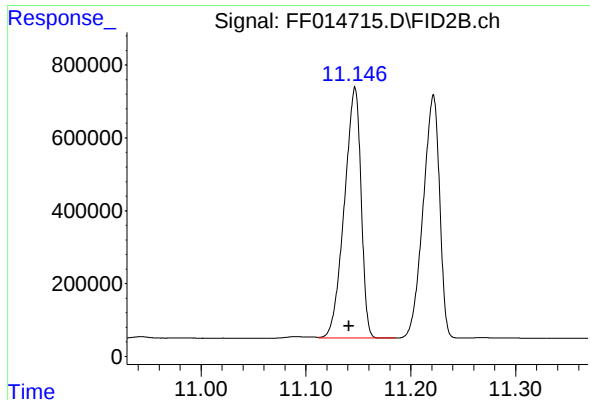
#7 Acenaphthene (C15.5)

R.T.: 8.954 min
Delta R.T.: 0.004 min
Response: 7677865
Conc: 47.75 ug/ml



#8 Fluorene (C16.55)

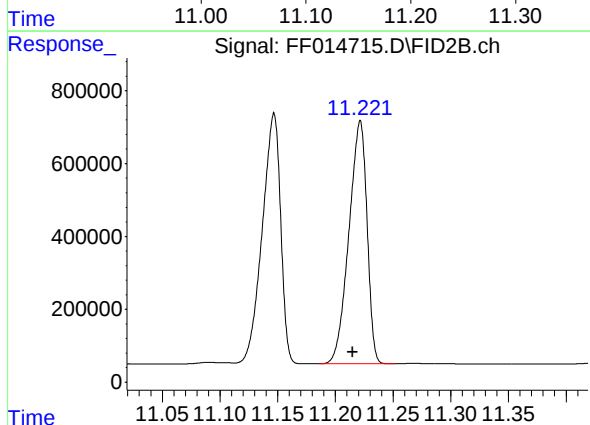
R.T.: 9.741 min
Delta R.T.: 0.004 min
Response: 7635772
Conc: 47.75 ug/ml



#9 Phenanthrene (C19.36)

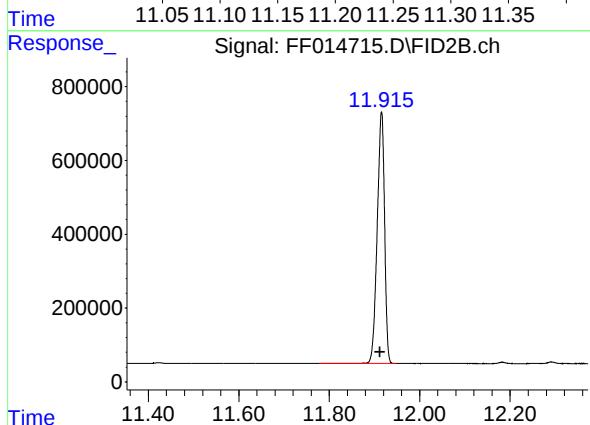
R.T.: 11.146 min
Delta R.T.: 0.005 min
Response: 7623448
Conc: 47.70 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



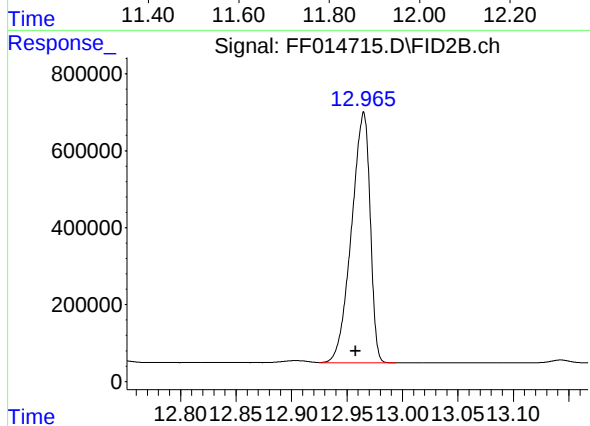
#10 Anthracene (C19.43)

R.T.: 11.221 min
Delta R.T.: 0.006 min
Response: 7279102
Conc: 47.69 ug/ml



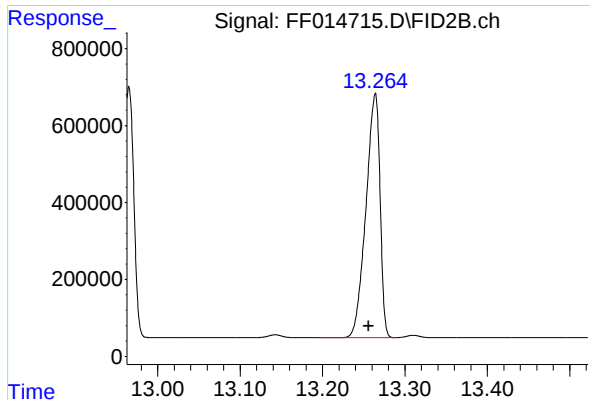
#11 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: 0.004 min
Response: 7694214
Conc: 47.51 ug/ml



#12 Fluoranthene (C21.85)

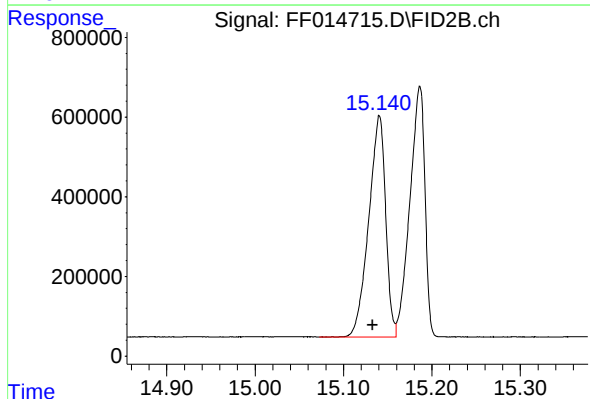
R.T.: 12.964 min
Delta R.T.: 0.007 min
Response: 7606946
Conc: 47.63 ug/ml



#13 Pyrene (C20.8)

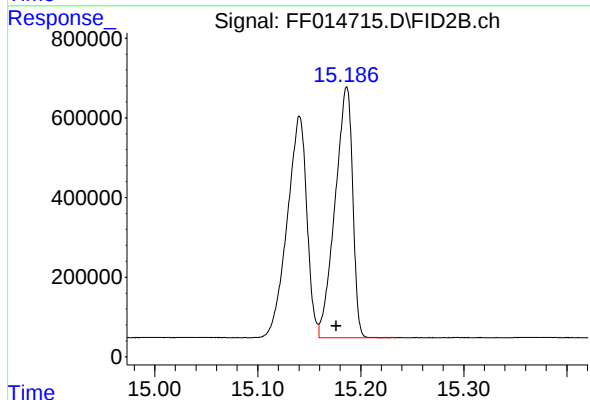
R.T.: 13.263 min
Delta R.T.: 0.007 min
Response: 7553450
Conc: 47.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



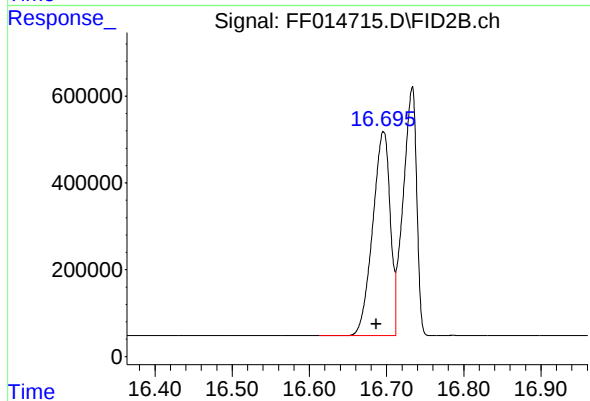
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.140 min
Delta R.T.: 0.007 min
Response: 7373650
Conc: 47.85 ug/ml



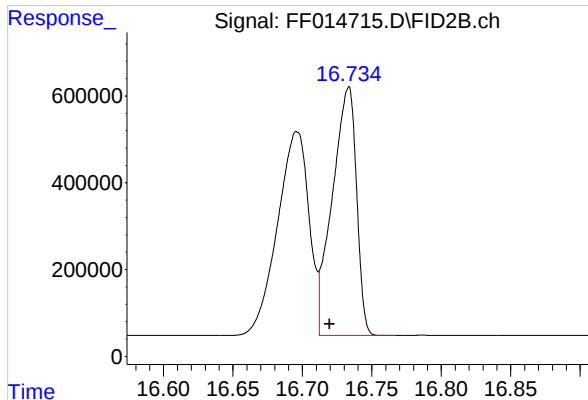
#15 Chrysene (C27.41)

R.T.: 15.186 min
Delta R.T.: 0.010 min
Response: 7451906
Conc: 47.70 ug/ml



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

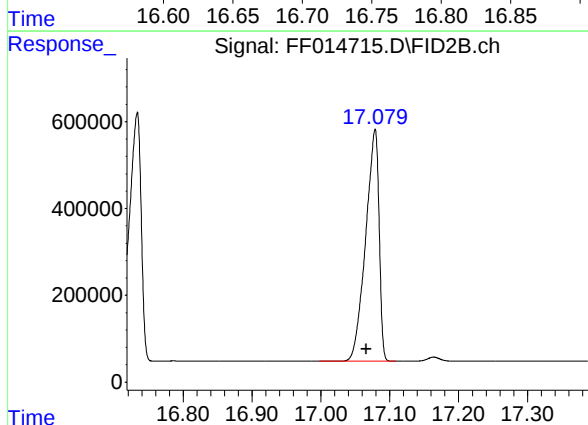
R.T.: 16.696 min
Delta R.T.: 0.009 min
Response: 7426647
Conc: 47.99 ug/ml



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

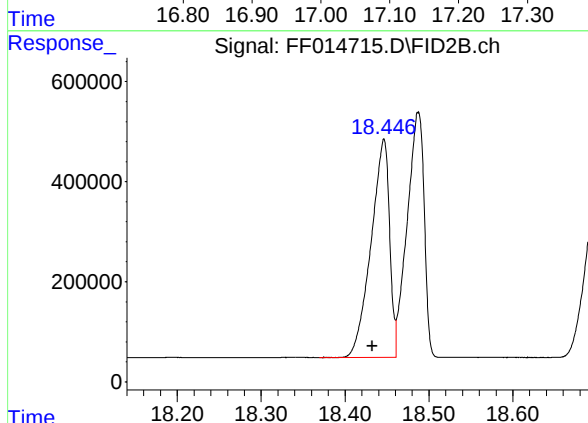
R.T.: 16.732 min
Delta R.T.: 0.013 min
Response: 6935597
Conc: 47.58 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



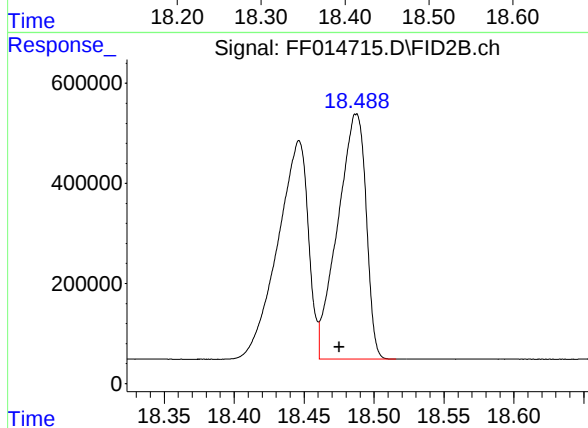
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.078 min
Delta R.T.: 0.012 min
Response: 7230851
Conc: 47.79 ug/ml



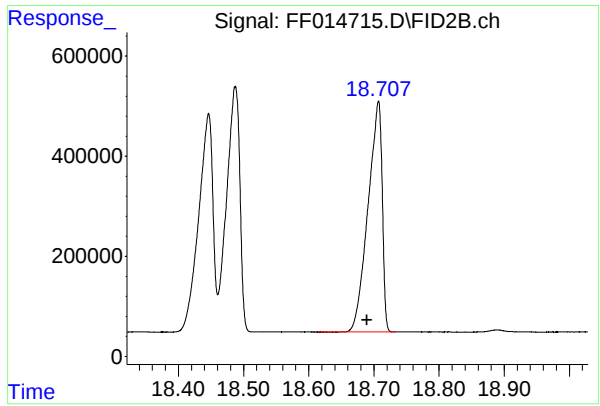
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.446 min
Delta R.T.: 0.013 min
Response: 6684543
Conc: 48.45 ug/ml



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

R.T.: 18.487 min
Delta R.T.: 0.012 min
Response: 6921838
Conc: 47.18 ug/ml



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

R.T.: 18.706 min
Delta R.T.: 0.017 min
Response: 6954899
Conc: 47.96 ug/ml

Instrument :

FID_F

ClientSampleId :

50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014715.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 20:09
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.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	4.597	4.534	4.654	BB	776372	7362780	93.91%	4.846%
2	6.261	6.226	6.291	BV	811065	7752255	98.88%	5.102%
3	7.354	7.309	7.384	BV	788115	7839943	100.00%	5.160%
4	7.980	7.917	8.046	BB	691131	6689236	85.32%	4.403%
5	8.654	8.612	8.681	BV	763632	7664632	97.76%	5.045%
6	8.852	8.814	8.914	BV	454203	4571031	58.30%	3.009%
7	8.954	8.914	9.002	VB	753489	7677865	97.93%	5.054%
8	9.741	9.669	9.784	BB	735952	7635772	97.40%	5.026%
9	11.146	11.112	11.186	VV	684450	7623448	97.24%	5.018%
10	11.221	11.186	11.252	PV	666107	7279102	92.85%	4.791%
11	11.916	11.777	11.947	BB	683735	7694214	98.14%	5.064%
12	12.964	12.925	12.994	VB	646635	7606946	97.03%	5.007%
13	13.263	13.196	13.289	BV	637517	7553450	96.35%	4.972%
14	15.140	15.072	15.159	BV	557291	7373650	94.05%	4.853%
15	15.186	15.159	15.234	VB	629660	7451906	95.05%	4.905%
16	16.696	16.612	16.712	BV	470412	7426647	94.73%	4.888%
17	16.732	16.712	16.767	VV	570040	6935597	88.46%	4.565%
18	17.078	16.997	17.109	BV	530889	7230851	92.23%	4.759%
19	18.446	18.369	18.461	BV	437080	6684543	85.26%	4.400%
20	18.487	18.461	18.516	VB	490139	6921838	88.29%	4.556%
21	18.706	18.616	18.734	BV	458422	6954899	88.71%	4.578%
Sum of corrected areas:						151930603		

Aromatic EPH 102124.M Tue Oct 22 04:21:41 2024

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	21 Oct 2024 20:38
Client Sample ID:		Operator:	YP\AJ
Data file:	FF014716.D	Misc:	
Instrument:	FID_F	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.497	6.360	6337092.000	40.000	ug/ml
Aromatic C12-C16	6.361	9.050	9730614.000	60.000	ug/ml
Aromatic C16-C21	9.051	13.357	12612739.000	80.000	ug/ml
Aromatic C21-C36	13.358	18.791	27030069.000	180.000	ug/ml
Aromatic EPH	4.497	18.791	55710514.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014716.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 20:38
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 22 04:10:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:07:29 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.978	2823352	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.849	1913395	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.912	3239128	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.596	3087639	20.000 ug/ml
2) T Naphthalene (C11.7)	6.259	3249453	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.352	3293118	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.650	3221821	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.950	3215675	20.000 ug/ml
8) T Fluorene (C16.55)	9.737	3198427	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.141	3196376	20.000 ug/ml
10) T Anthracene (C19.43)	11.215	3052948	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.958	3194024	20.000 ug/ml
13) T Pyrene (C20.8)	13.256	3164988	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.133	3081850	20.000 ug/ml
15) T Chrysene (C27.41)	15.176	3124322	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.687	3094850	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.720	2915142	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.066	3026272	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.433	2759252	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.475	2933930	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.689	2900427	20.000 ug/ml

(f)=RT Delta > 1/2 Window

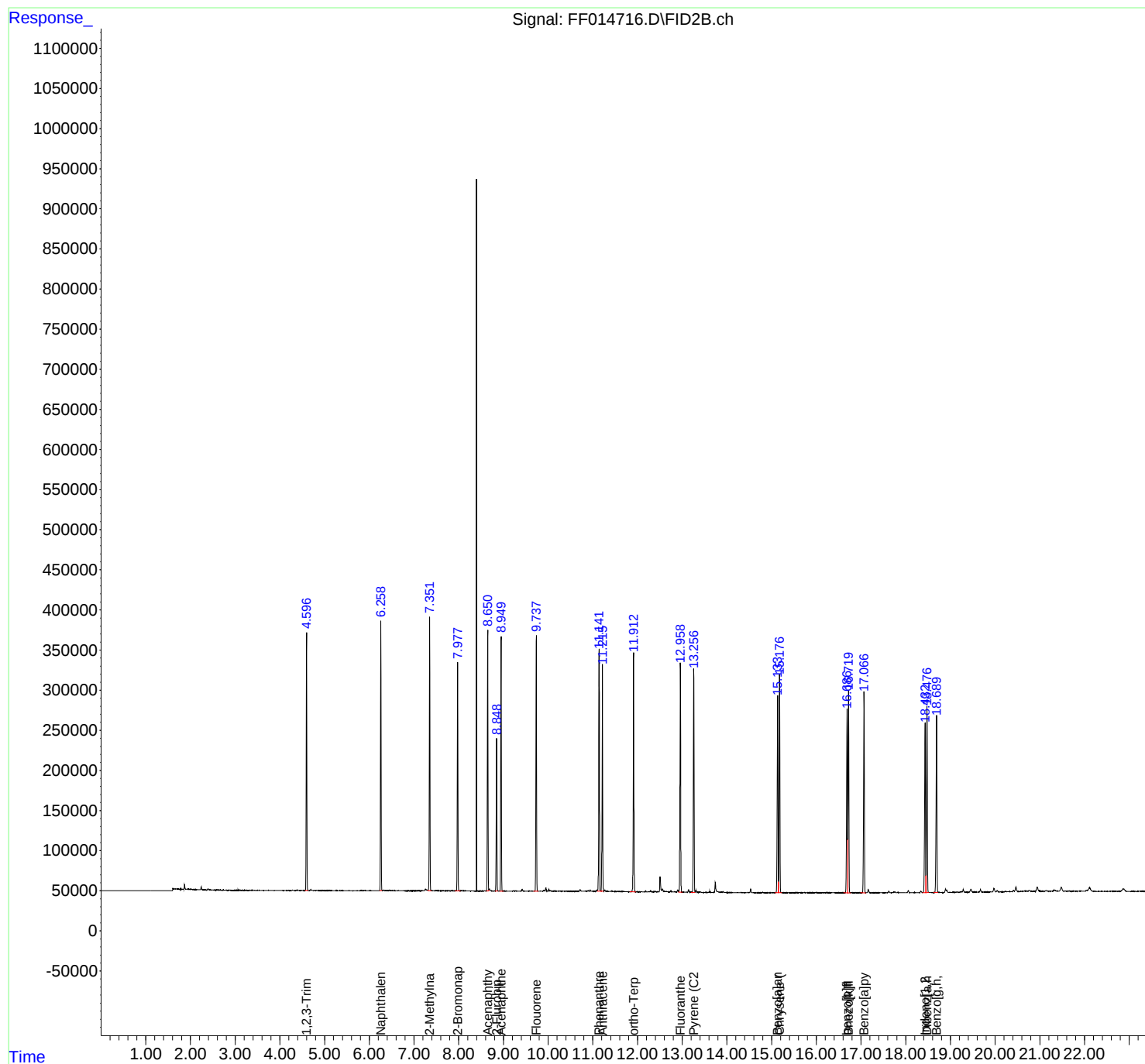
(m)=manual int.

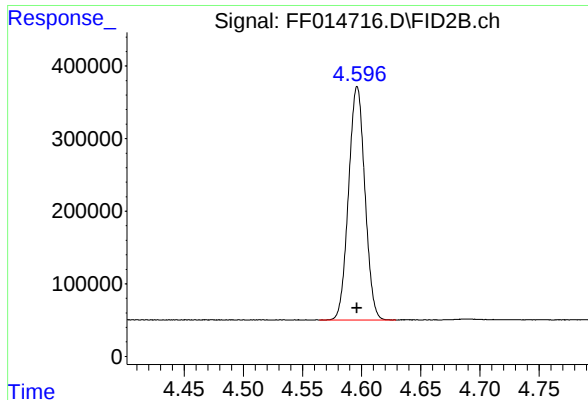
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014716.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 20:38
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 22 04:10:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:07:29 2024
Response via : Initial Calibration
Integrator: ChemStation

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

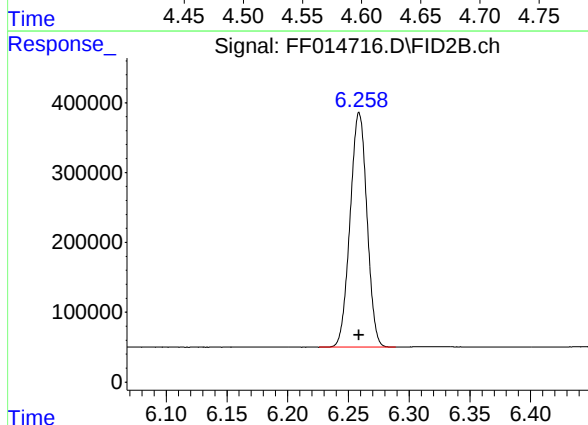




#1 1,2,3-Trimethylbenzene (C10.1)

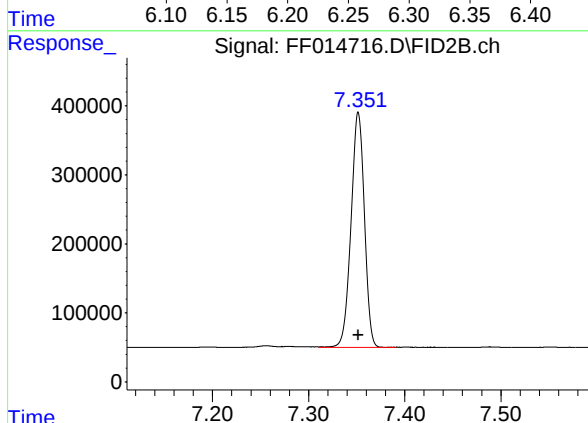
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 3087639
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



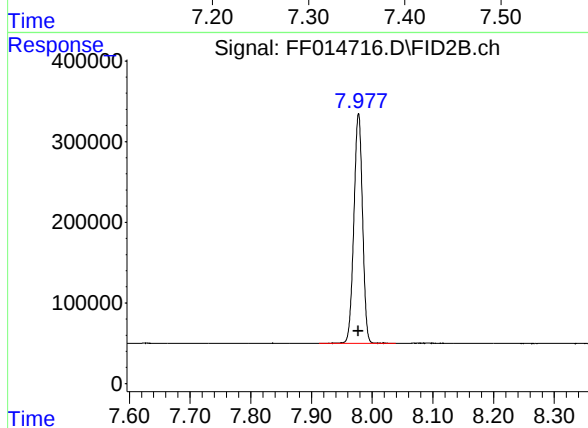
#2 Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 3249453
Conc: 20.00 ug/ml



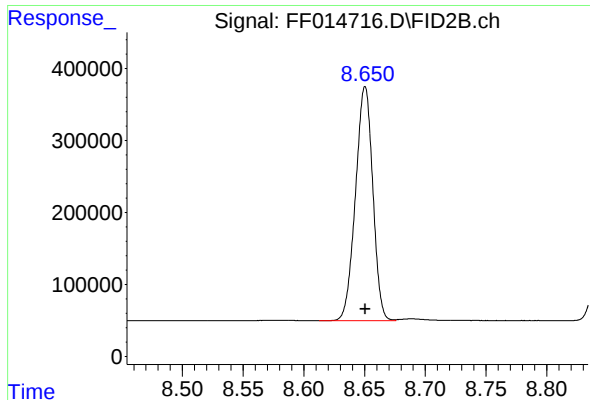
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 3293118
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

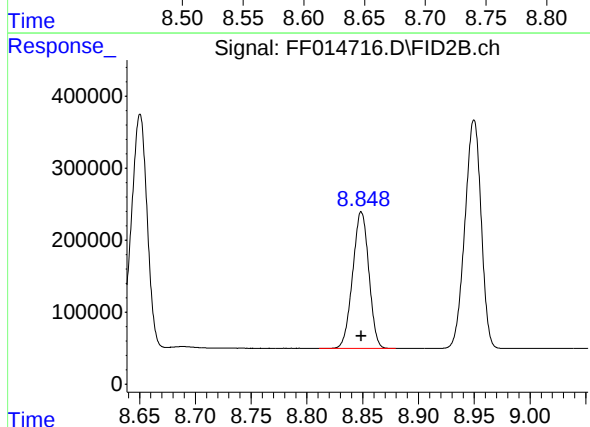
R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 2823352
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

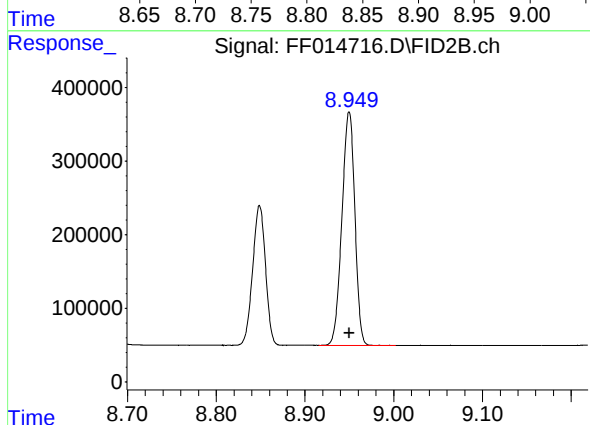
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 3221821
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



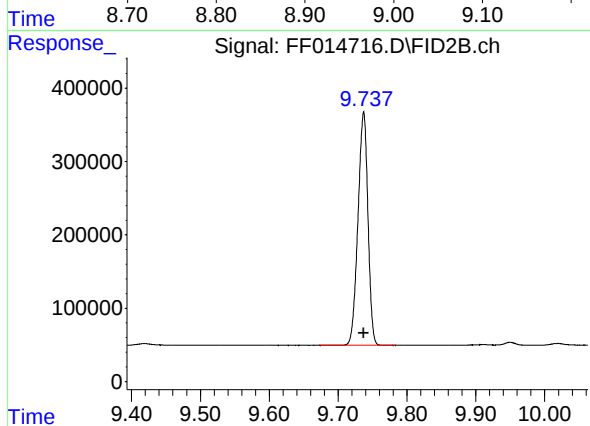
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 1913395
Conc: 20.00 ug/ml



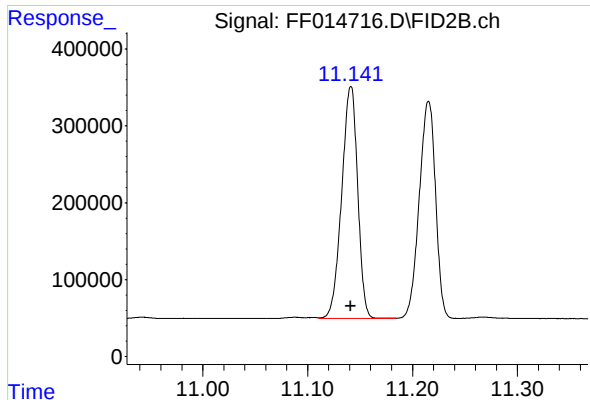
#7 Acenaphthene (C15.5)

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 3215675
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

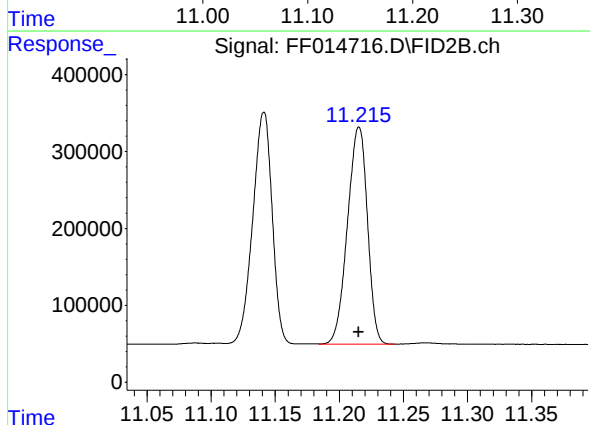
R.T.: 9.737 min
Delta R.T.: 0.000 min
Response: 3198427
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

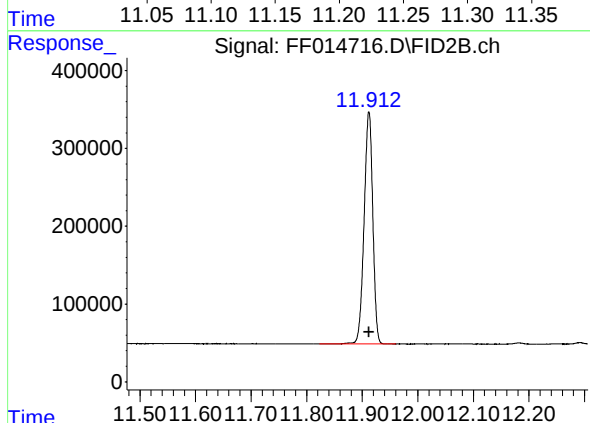
R.T.: 11.141 min
Delta R.T.: 0.000 min
Response: 3196376
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



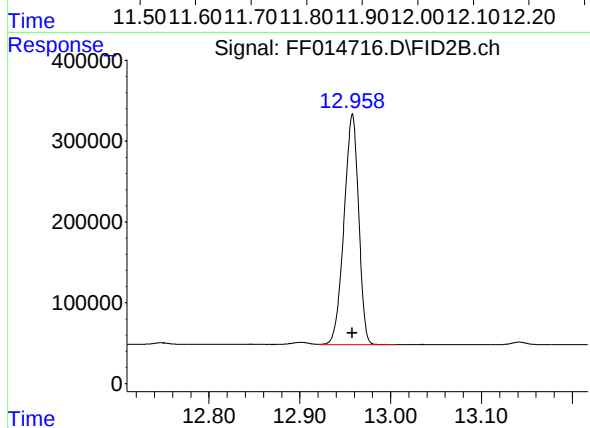
#10 Anthracene (C19.43)

R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 3052948
Conc: 20.00 ug/ml



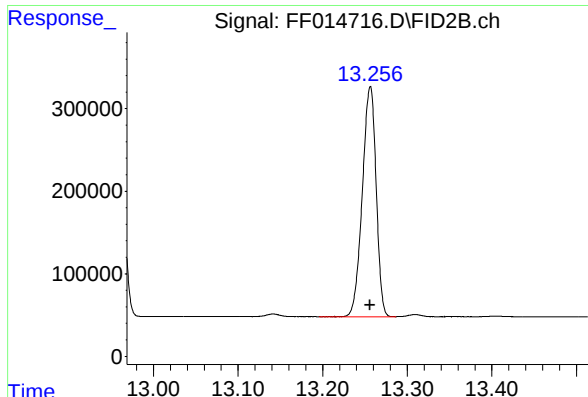
#11 ortho-Terphenyl (SURR)

R.T.: 11.912 min
Delta R.T.: 0.000 min
Response: 3239128
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

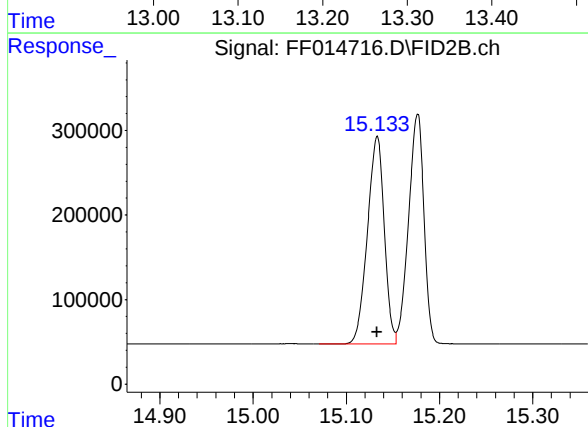
R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 3194024
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

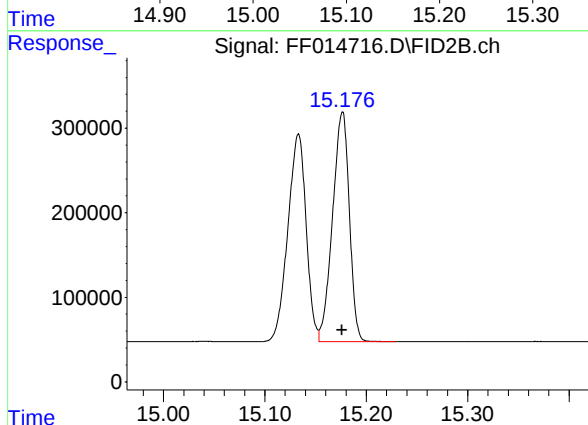
R.T.: 13.256 min
Delta R.T.: 0.000 min
Response: 3164988
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



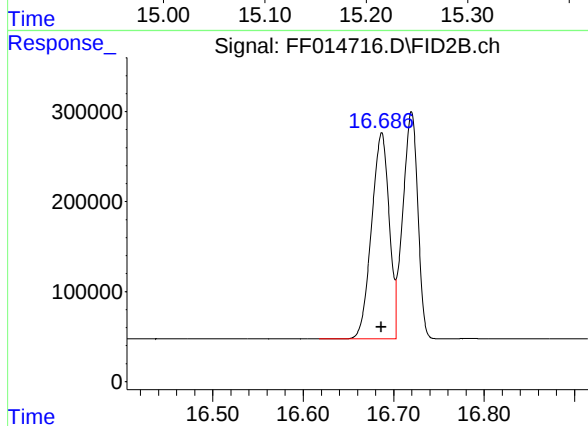
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.133 min
Delta R.T.: 0.000 min
Response: 3081850
Conc: 20.00 ug/ml



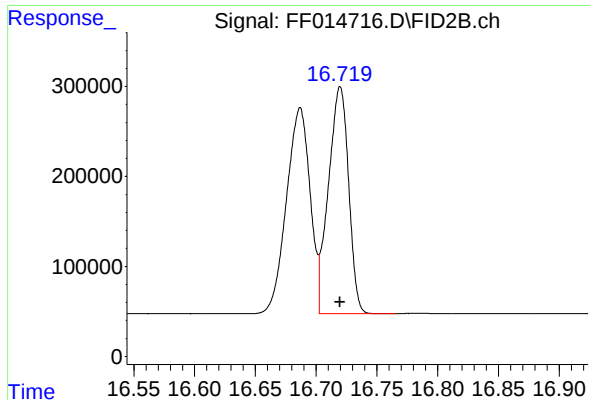
#15 Chrysene (C27.41)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 3124322
Conc: 20.00 ug/ml



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

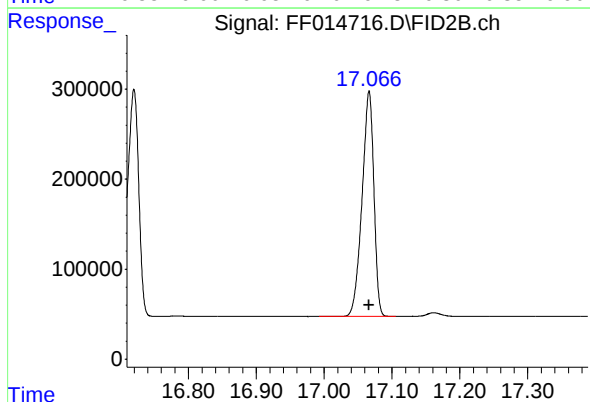
R.T.: 16.687 min
Delta R.T.: 0.000 min
Response: 3094850
Conc: 20.00 ug/ml



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

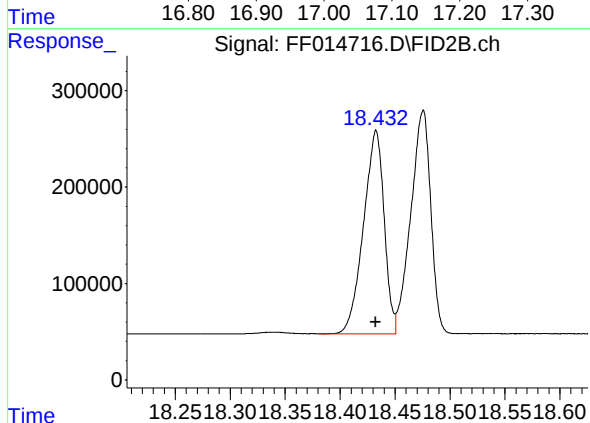
R.T.: 16.720 min
Delta R.T.: 0.000 min
Response: 2915142
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



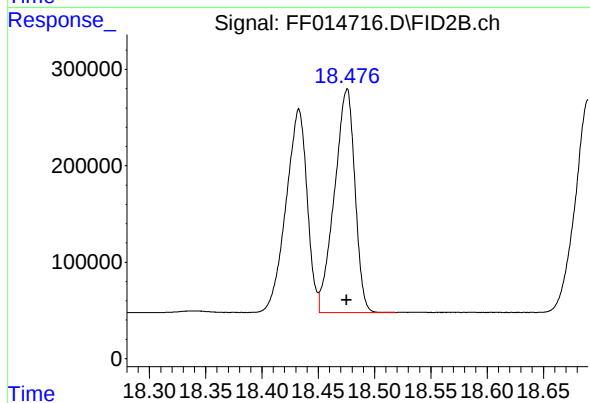
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.066 min
Delta R.T.: 0.000 min
Response: 3026272
Conc: 20.00 ug/ml



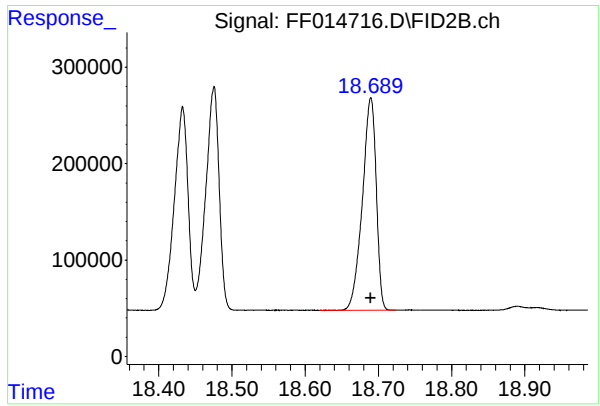
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.433 min
Delta R.T.: 0.000 min
Response: 2759252
Conc: 20.00 ug/ml



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

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 2933930
Conc: 20.00 ug/ml



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

R.T.: 18.689 min
Delta R.T.: 0.000 min
Response: 2900427
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014716.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 20:38
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.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	4.596	4.564	4.629	BB	321682	3087639	93.76%	4.848%
2	6.259	6.226	6.289	BV	336017	3249453	98.67%	5.102%
3	7.352	7.311	7.391	VB	340072	3293118	100.00%	5.171%
4	7.978	7.912	8.039	BB	285015	2823352	85.73%	4.433%
5	8.650	8.612	8.676	BV	326003	3221821	97.83%	5.059%
6	8.849	8.811	8.880	BB	189751	1913395	58.10%	3.004%
7	8.950	8.916	9.002	BB	317976	3215675	97.65%	5.049%
8	9.737	9.672	9.784	BB	319641	3198427	97.12%	5.022%
9	11.141	11.111	11.184	VV	302497	3196376	97.06%	5.019%
10	11.215	11.184	11.244	VV	283324	3052948	92.71%	4.794%
11	11.912	11.822	11.961	BB	298988	3239128	98.36%	5.086%
12	12.958	12.921	13.006	VB	284636	3194024	96.99%	5.015%
13	13.256	13.196	13.287	BV	278738	3164988	96.11%	4.970%
14	15.133	15.071	15.153	BV	245571	3081850	93.58%	4.839%
15	15.176	15.153	15.229	VB	271525	3124322	94.87%	4.906%
16	16.687	16.617	16.702	BV	230223	3094850	93.98%	4.860%
17	16.720	16.702	16.766	VV	252738	2915142	88.52%	4.577%
18	17.066	16.992	17.106	BB	250579	3026272	91.90%	4.752%
19	18.433	18.381	18.451	VV	211502	2759252	83.79%	4.333%
20	18.475	18.451	18.519	VB	232870	2933930	89.09%	4.607%
21	18.689	18.619	18.724	BV	220580	2900427	88.08%	4.554%
Sum of corrected areas:						63686390		

Aromatic EPH 102124.M Tue Oct 22 04:22:12 2024

Lab Sample ID:	10 PPM AROMATIC HC	Acq On:	21 Oct 2024 21:06
Client Sample ID:		Operator:	YP\AJ
Data file:	FF014717.D	Misc:	
Instrument:	FID_F	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.497	6.360	3244642.000	20.000	ug/ml
Aromatic C12-C16	6.361	9.050	4962356.000	30.000	ug/ml
Aromatic C16-C21	9.051	13.357	6471263.000	40.000	ug/ml
Aromatic C21-C36	13.358	18.791	13831409.000	90.000	ug/ml
Aromatic EPH	4.497	18.791	28509670.000	180.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014717.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 21:06
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 22 04:10:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:07:29 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.976	1450237	10.273 ug/ml
Spiked Amount 50.000		Recovery =	20.55%
6) S 2-Fluorobiphenyl (SURR)	8.848	981036	10.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.51%
11) S ortho-Terphenyl (SURR)	11.911	1666218	10.288 ug/ml
Spiked Amount 50.000		Recovery =	20.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.596	1581107	10.242 ug/ml
2) T Naphthalene (C11.7)	6.258	1663535	10.239 ug/ml
3) T 2-Methylnaphthalene (...)	7.351	1681678	10.213 ug/ml
5) T Acenaphthylene (C15.06)	8.649	1634346	10.145 ug/ml
7) T Acenaphthene (C15.5)	8.948	1646332	10.239 ug/ml
8) T Fluorene (C16.55)	9.735	1639759	10.254 ug/ml
9) T Phenanthrene (C19.36)	11.139	1648803	10.317 ug/ml
10) T Anthracene (C19.43)	11.213	1564215	10.247 ug/ml
12) T Fluoranthene (C21.85)	12.956	1639390	10.265 ug/ml
13) T Pyrene (C20.8)	13.254	1618486	10.227 ug/ml
14) T Benzo[a]anthracene (C...	15.130	1574128	10.215 ug/ml
15) T Chrysene (C27.41)	15.172	1600933	10.248 ug/ml
16) T benzo[b]fluoranthene ...	16.682	1575119	10.179 ug/ml
17) T Bnezo[k]fluoranthene ...	16.714	1494739	10.255 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.062	1546643	10.221 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.427	1399570	10.145 ug/ml
20) T Dibenz[a,h]anthracene...	18.470	1526488	10.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.682	1474399	10.167 ug/ml

(f)=RT Delta > 1/2 Window

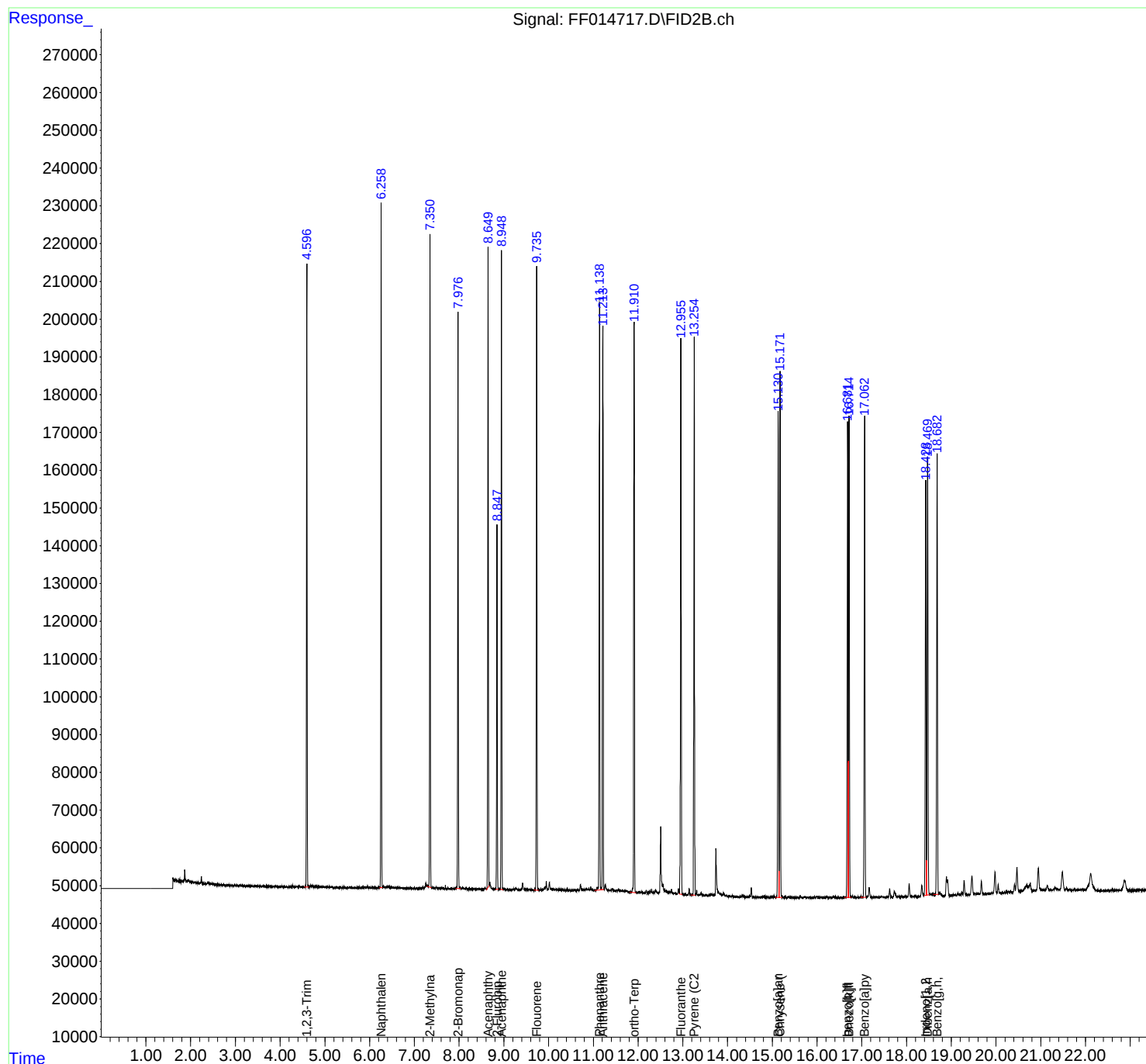
(m)=manual int.

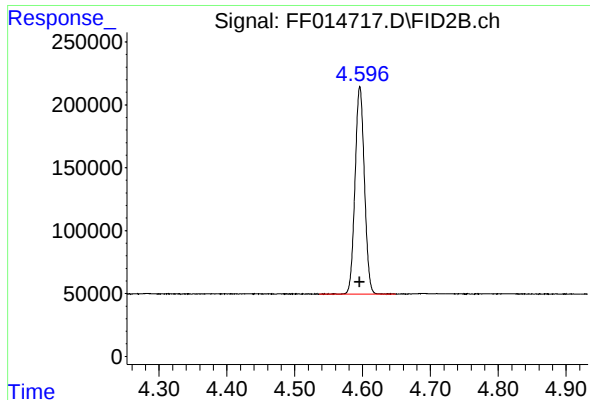
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014717.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 21:06
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 22 04:10:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:07:29 2024
Response via : Initial Calibration
Integrator: ChemStation

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

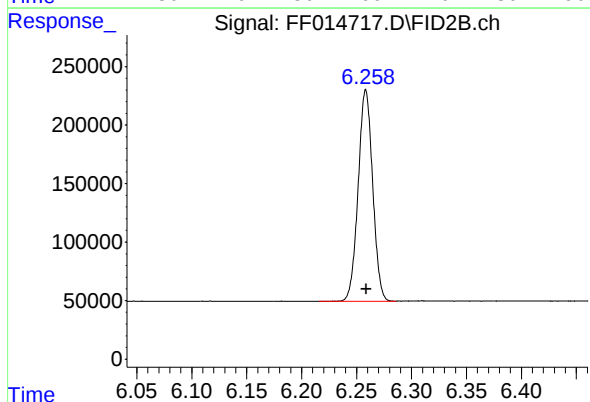




#1 1,2,3-Trimethylbenzene (C10.1)

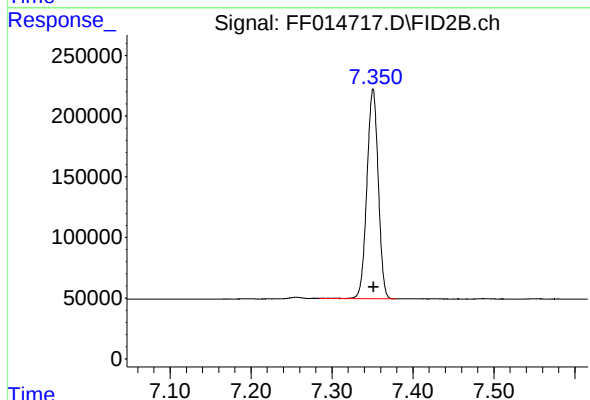
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 1581107
Conc: 10.24 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



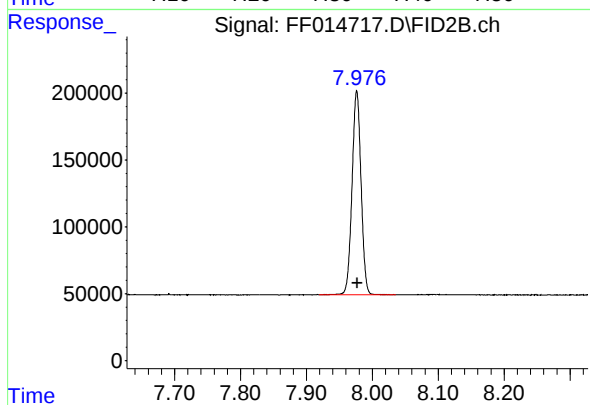
#2 Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 1663535
Conc: 10.24 ug/ml



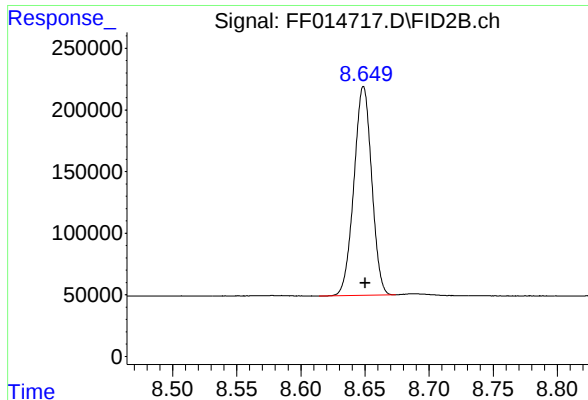
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.351 min
Delta R.T.: -0.001 min
Response: 1681678
Conc: 10.21 ug/ml



#4 2-Bromonaphthalene (SURR)

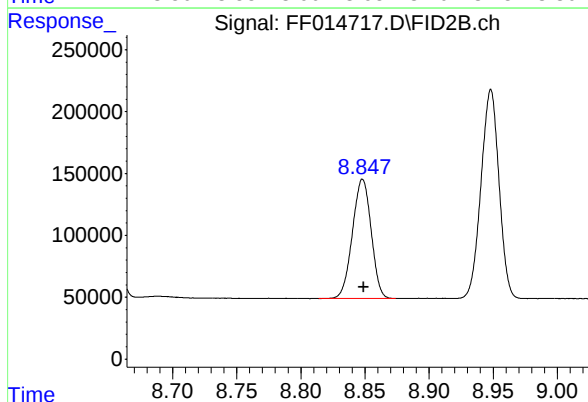
R.T.: 7.976 min
Delta R.T.: -0.001 min
Response: 1450237
Conc: 10.27 ug/ml



#5 Acenaphthylene (C15.06)

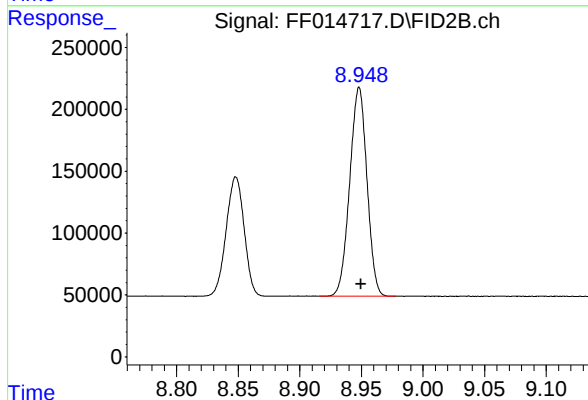
R.T.: 8.649 min
Delta R.T.: -0.002 min
Response: 1634346
Conc: 10.15 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



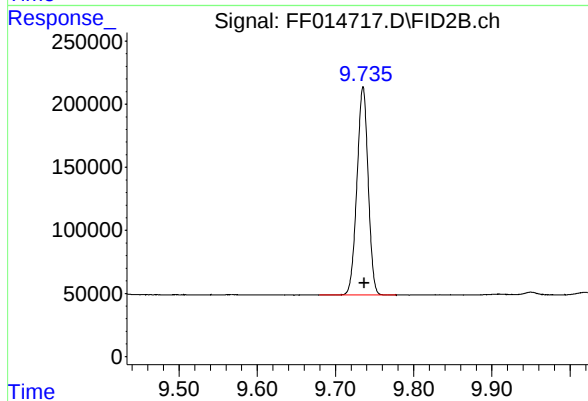
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 981036
Conc: 10.25 ug/ml



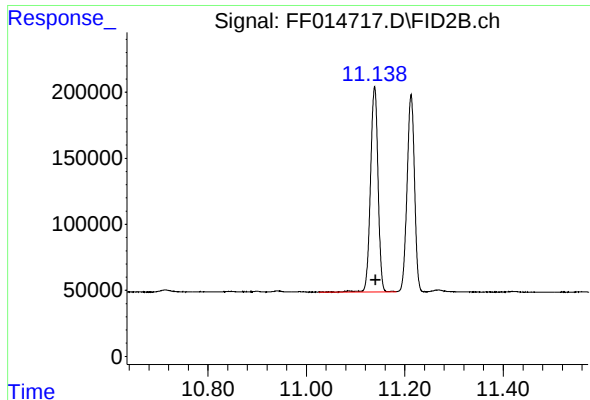
#7 Acenaphthene (C15.5)

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 1646332
Conc: 10.24 ug/ml



#8 Flouorene (C16.55)

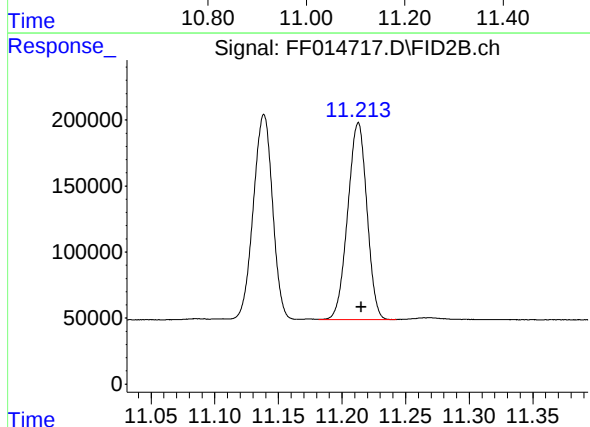
R.T.: 9.735 min
Delta R.T.: -0.002 min
Response: 1639759
Conc: 10.25 ug/ml



#9 Phenanthrene (C19.36)

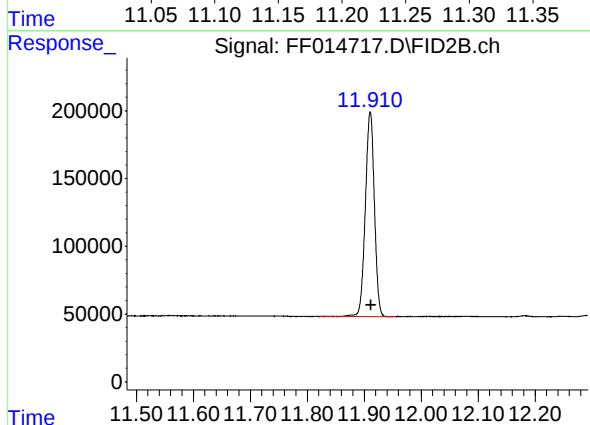
R.T.: 11.139 min
Delta R.T.: -0.002 min
Response: 1648803
Conc: 10.32 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



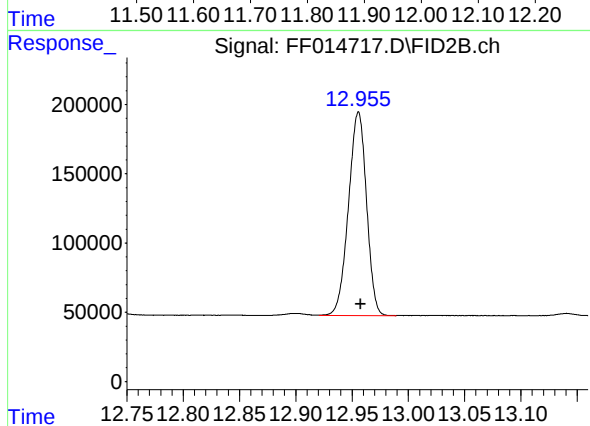
#10 Anthracene (C19.43)

R.T.: 11.213 min
Delta R.T.: -0.002 min
Response: 1564215
Conc: 10.25 ug/ml



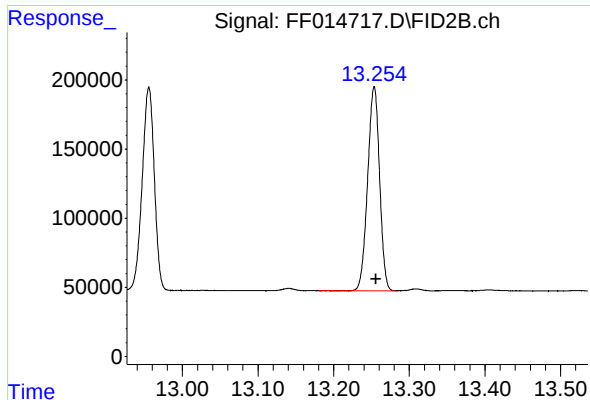
#11 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: -0.002 min
Response: 1666218
Conc: 10.29 ug/ml



#12 Fluoranthene (C21.85)

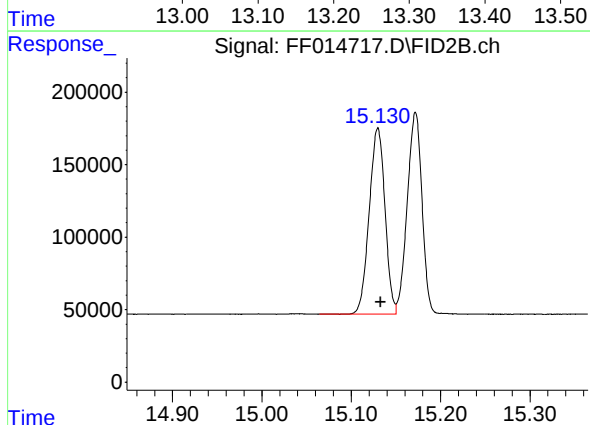
R.T.: 12.956 min
Delta R.T.: -0.002 min
Response: 1639390
Conc: 10.27 ug/ml



#13 Pyrene (C20.8)

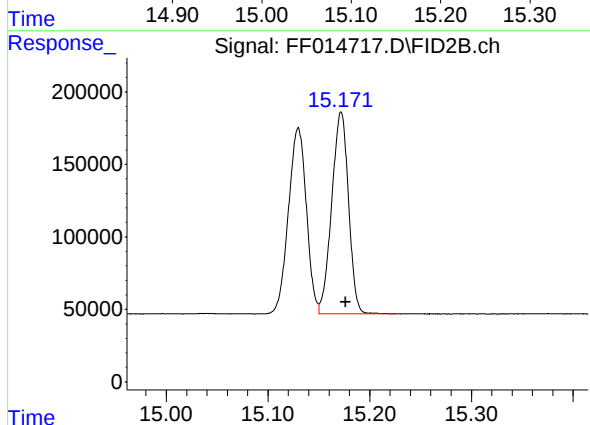
R.T.: 13.254 min
Delta R.T.: -0.003 min
Response: 1618486
Conc: 10.23 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



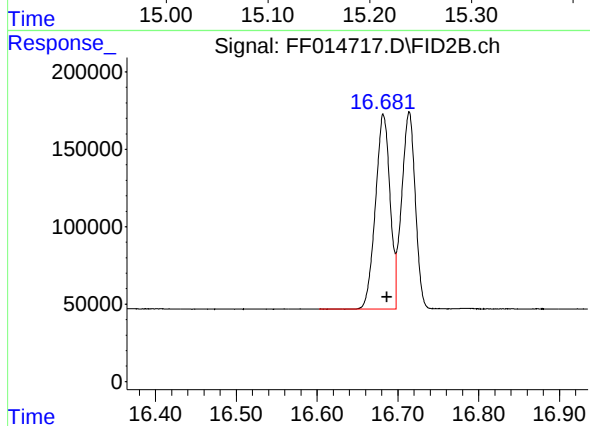
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.130 min
Delta R.T.: -0.003 min
Response: 1574128
Conc: 10.22 ug/ml



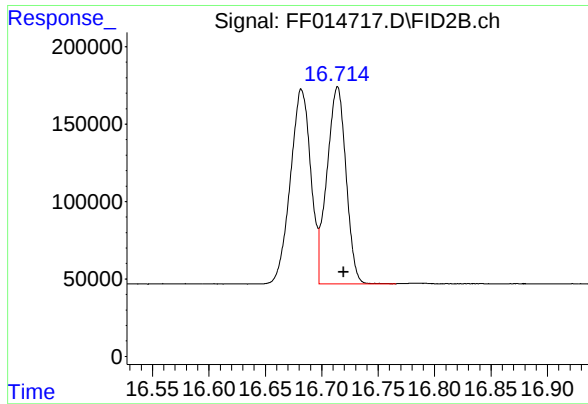
#15 Chrysene (C27.41)

R.T.: 15.172 min
Delta R.T.: -0.004 min
Response: 1600933
Conc: 10.25 ug/ml



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

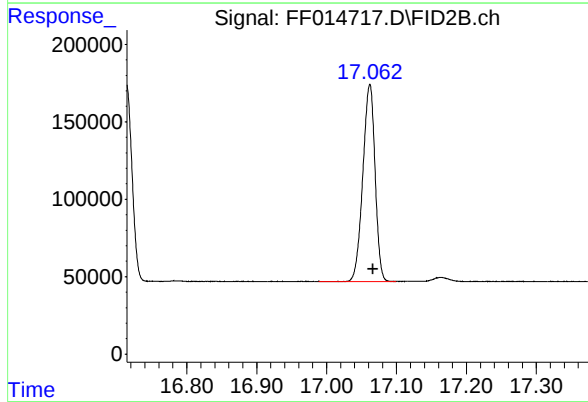
R.T.: 16.682 min
Delta R.T.: -0.004 min
Response: 1575119
Conc: 10.18 ug/ml



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

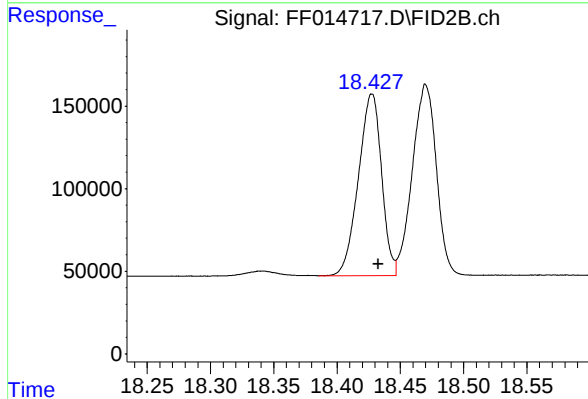
R.T.: 16.714 min
Delta R.T.: -0.006 min
Response: 1494739
Conc: 10.25 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



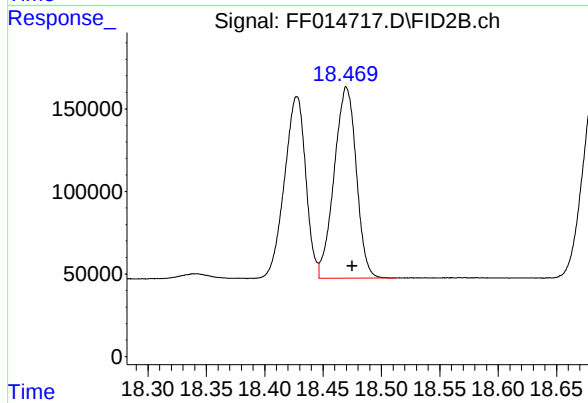
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.062 min
Delta R.T.: -0.004 min
Response: 1546643
Conc: 10.22 ug/ml



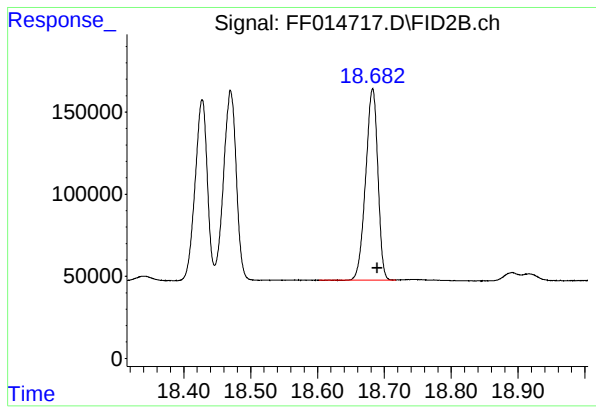
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.427 min
Delta R.T.: -0.005 min
Response: 1399570
Conc: 10.14 ug/ml



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

R.T.: 18.470 min
Delta R.T.: -0.005 min
Response: 1526488
Conc: 10.41 ug/ml



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

R.T.: 18.682 min

Delta R.T.: -0.007 min

Response: 1474399

Conc: 10.17 ug/ml

Instrument :

FID_F

ClientSampleId :

10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014717.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 21:06
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.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	4.596	4.536	4.649	BB	164953	1581107	94.02%	4.849%
2	6.258	6.216	6.286	BV	180496	1663535	98.92%	5.102%
3	7.351	7.284	7.379	BB	173151	1681678	100.00%	5.157%
4	7.976	7.919	8.036	BB	152152	1450237	86.24%	4.448%
5	8.649	8.614	8.674	BV	169696	1634346	97.19%	5.012%
6	8.848	8.814	8.874	BB	96702	981036	58.34%	3.009%
7	8.948	8.916	8.978	BB	168739	1646332	97.90%	5.049%
8	9.735	9.679	9.777	BB	165560	1639759	97.51%	5.029%
9	11.139	11.026	11.182	BV	155726	1648803	98.05%	5.057%
10	11.213	11.182	11.242	VV	148892	1564215	93.02%	4.797%
11	11.911	11.821	11.956	BB	151286	1666218	99.08%	5.110%
12	12.956	12.921	12.989	VB	147174	1639390	97.49%	5.028%
13	13.254	13.181	13.282	BV	148230	1618486	96.24%	4.964%
14	15.130	15.064	15.150	BV	128083	1574128	93.60%	4.828%
15	15.172	15.150	15.226	VB	139464	1600933	95.20%	4.910%
16	16.682	16.602	16.698	BV	125261	1575119	93.66%	4.831%
17	16.714	16.698	16.766	VV	127700	1494739	88.88%	4.584%
18	17.062	16.989	17.099	BB	127985	1546643	91.97%	4.743%
19	18.427	18.386	18.447	VV	110207	1399570	83.22%	4.292%
20	18.470	18.447	18.512	VB	115346	1526488	90.77%	4.681%
21	18.682	18.602	18.717	BV	116658	1474399	87.67%	4.522%
Sum of corrected areas:						32607162		

Aromatic EPH 102124.M Tue Oct 22 04:22:37 2024

Lab Sample ID:	5 PPM AROMATIC HC S	Acq On:	21 Oct 2024 21:36
Client Sample ID:		Operator:	YP\AJ
Data file:	FF014718.D	Misc:	
Instrument:	FID_F	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.497	6.360	1646729.000	10.000	ug/ml
Aromatic C12-C16	6.361	9.050	2531591.000	15.000	ug/ml
Aromatic C16-C21	9.051	13.357	3286587.000	20.000	ug/ml
Aromatic C21-C36	13.358	18.791	7117725.000	45.000	ug/ml
Aromatic EPH	4.497	18.791	14582632.000	90.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014718.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 21:36
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
 Quant Time: Oct 22 04:10:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:07:29 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.977	751972	5.327 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
6) S 2-Fluorobiphenyl (SURR)	8.847	497720	5.202 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.40%
11) S ortho-Terphenyl (SURR)	11.910	858884	5.303 ug/ml
Spiked Amount 50.000		Recovery =	10.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.596	802686	5.199 ug/ml
2) T Naphthalene (C11.7)	6.258	844043	5.195 ug/ml
3) T 2-Methylnaphthalene (...)	7.350	850502	5.165 ug/ml
5) T Acenaphthylene (C15.06)	8.648	839093	5.209 ug/ml
7) T Acenaphthene (C15.5)	8.948	841996	5.237 ug/ml
8) T Fluorene (C16.55)	9.735	836283	5.229 ug/ml
9) T Phenanthrene (C19.36)	11.137	825725	5.167 ug/mlm
10) T Anthracene (C19.43)	11.212	797839	5.227 ug/ml
12) T Fluoranthene (C21.85)	12.954	840481	5.263 ug/ml
13) T Pyrene (C20.8)	13.253	826740	5.224 ug/ml
14) T Benzo[a]anthracene (C...	15.127	805162	5.225 ug/ml
15) T Chrysene (C27.41)	15.169	831586	5.323 ug/ml
16) T benzo[b]fluoranthene ...	16.680	805805	5.207 ug/ml
17) T Bnezo[k]fluoranthene ...	16.712	774334	5.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.059	791992	5.234 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.425	712044	5.161 ug/ml
20) T Dibenz[a,h]anthracene...	18.467	805632	5.492 ug/ml
21) T Benzo[g,h,i]perylene ...	18.679	750689	5.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014718.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 21:36
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

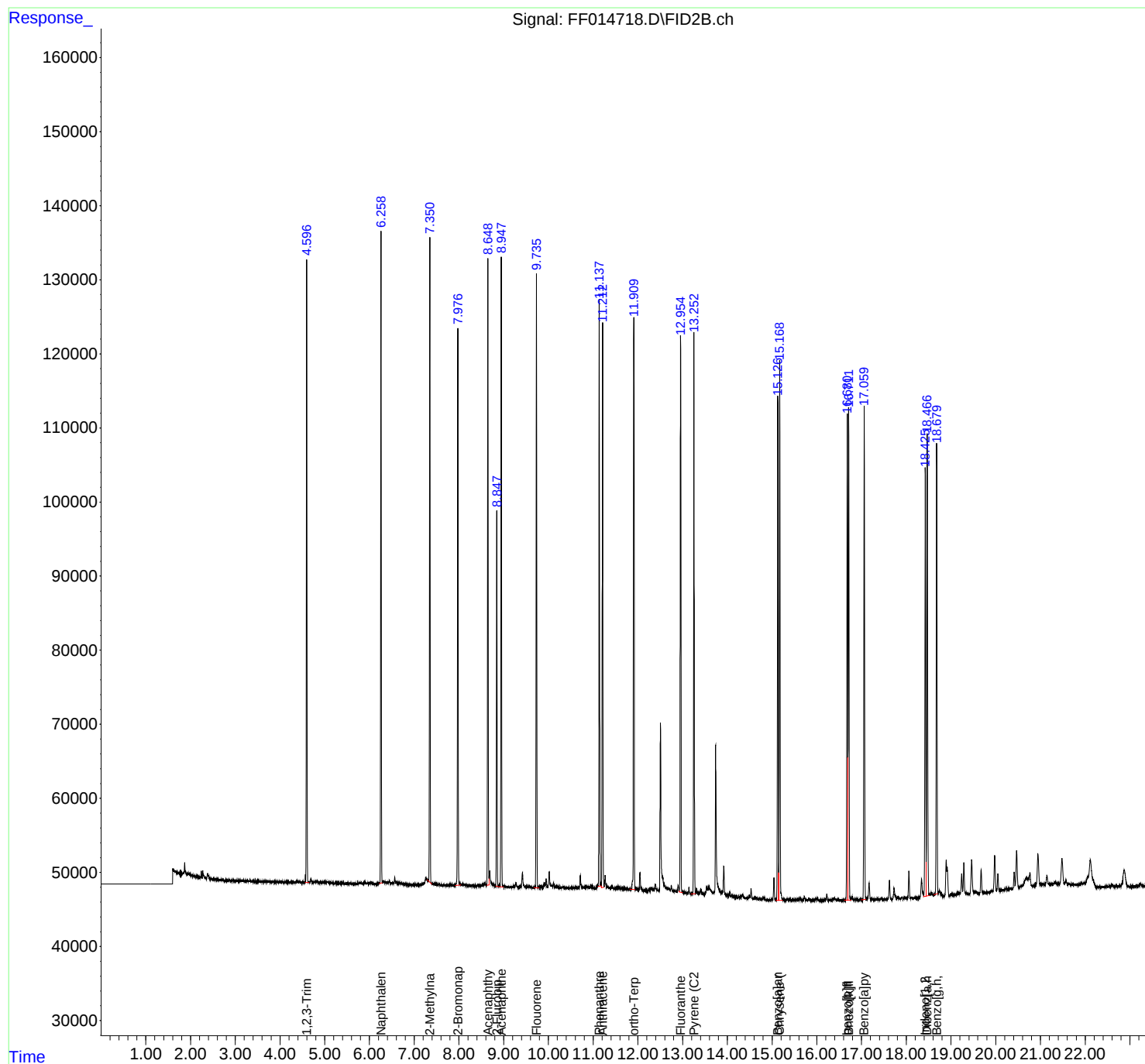
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

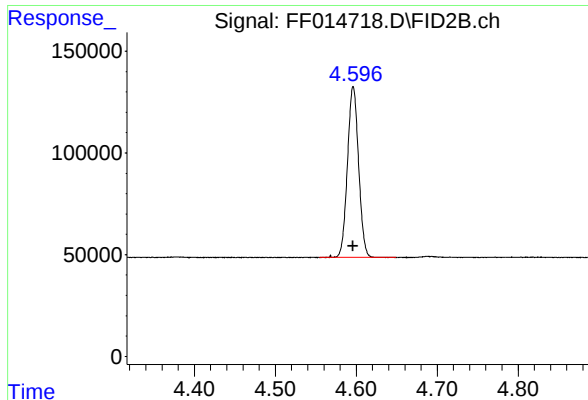
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
Quant Time: Oct 22 04:10:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:07:29 2024
Response via : Initial Calibration
Integrator: ChemStation

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





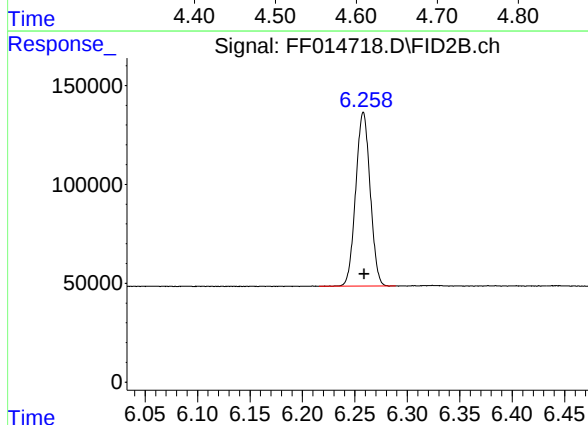
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 802686
Conc: 5.20 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

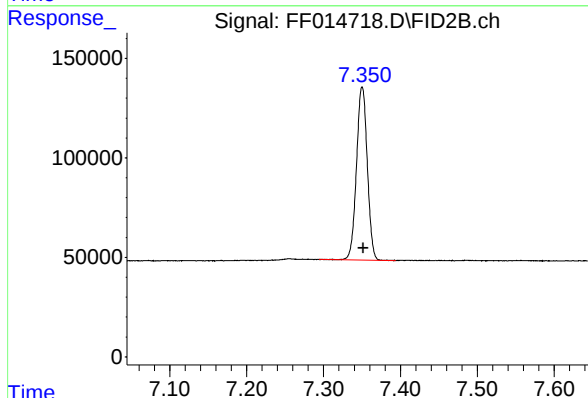
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



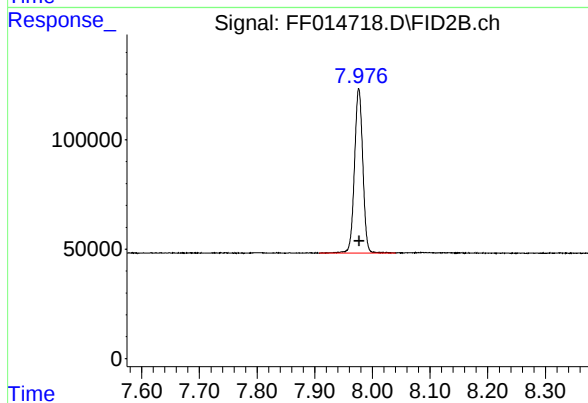
#2 Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 844043
Conc: 5.19 ug/ml



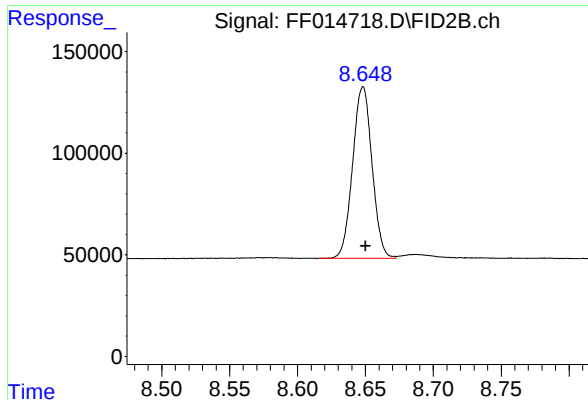
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.350 min
Delta R.T.: -0.001 min
Response: 850502
Conc: 5.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 751972
Conc: 5.33 ug/ml



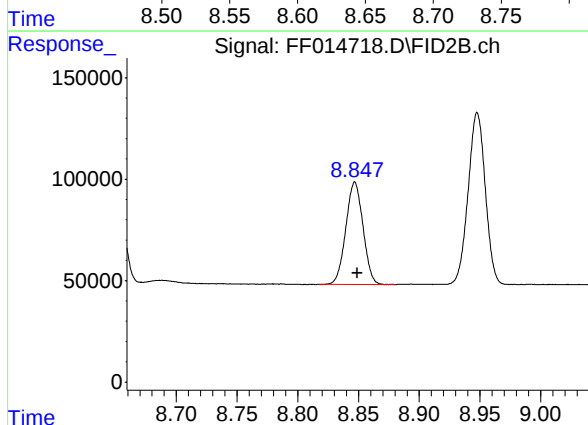
#5 Acenaphthylene (C15.06)

R.T.: 8.648 min
Delta R.T.: -0.002 min
Response: 839093
Conc: 5.21 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

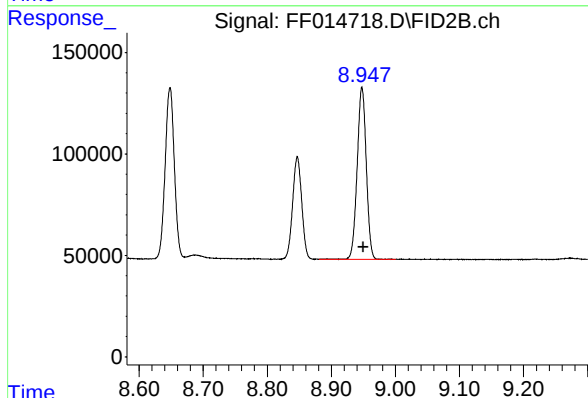
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



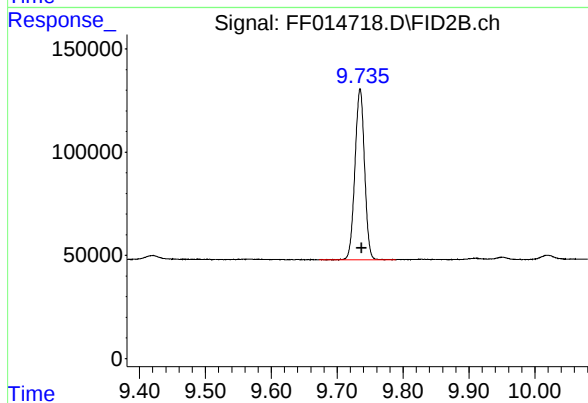
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.847 min
Delta R.T.: -0.002 min
Response: 497720
Conc: 5.20 ug/ml



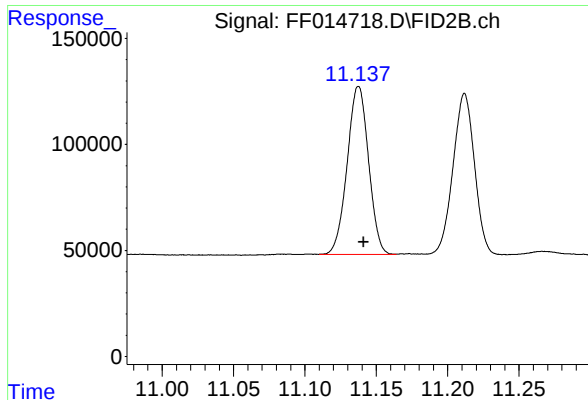
#7 Acenaphthene (C15.5)

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 841996
Conc: 5.24 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.735 min
Delta R.T.: -0.002 min
Response: 836283
Conc: 5.23 ug/ml



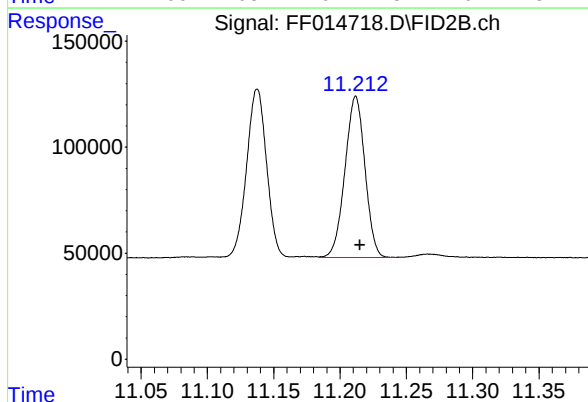
#9 Phenanthrene (C19.36)

R.T.: 11.137 min
Delta R.T.: -0.004 min
Response: 825725
Conc: 5.17 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

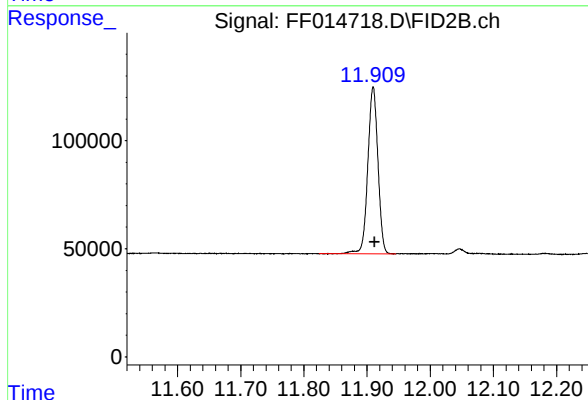
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



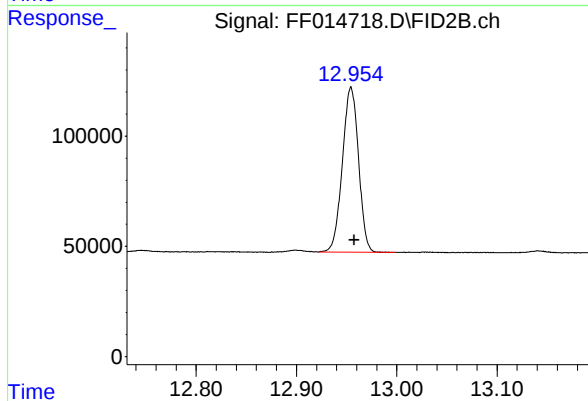
#10 Anthracene (C19.43)

R.T.: 11.212 min
Delta R.T.: -0.003 min
Response: 797839
Conc: 5.23 ug/ml



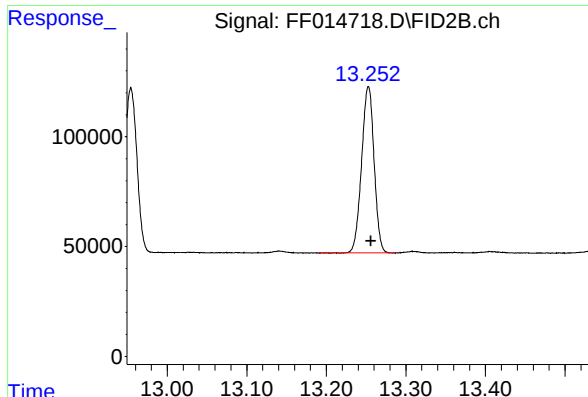
#11 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: -0.002 min
Response: 858884
Conc: 5.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.954 min
Delta R.T.: -0.003 min
Response: 840481
Conc: 5.26 ug/ml



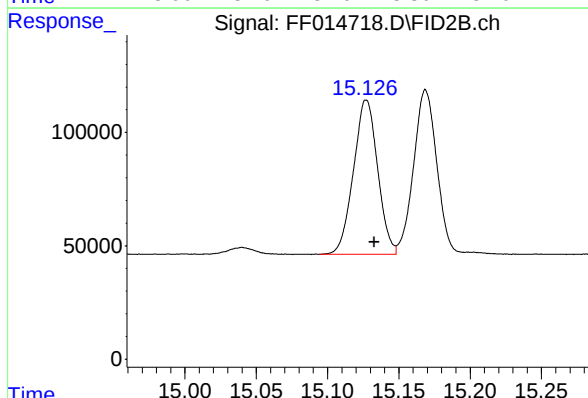
#13 Pyrene (C20.8)

R.T.: 13.253 min
Delta R.T.: -0.003 min
Response: 826740
Conc: 5.22 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

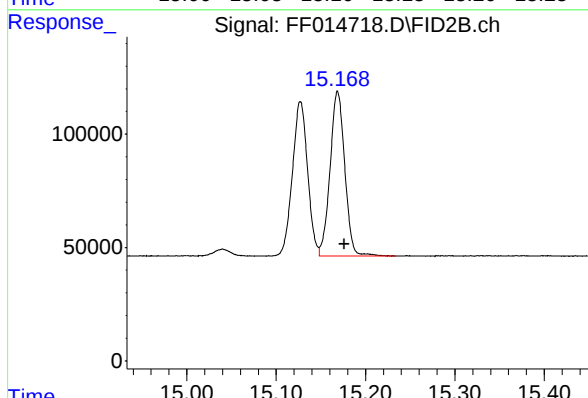
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



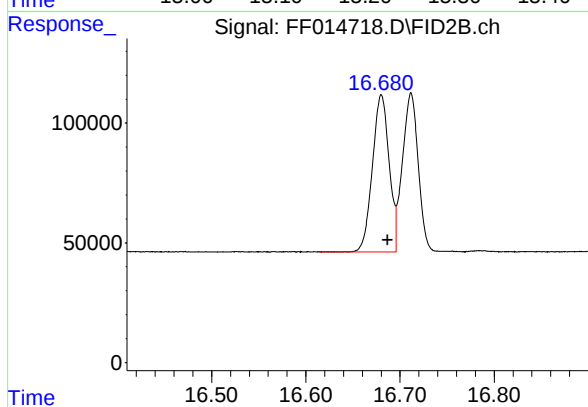
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.127 min
Delta R.T.: -0.006 min
Response: 805162
Conc: 5.23 ug/ml



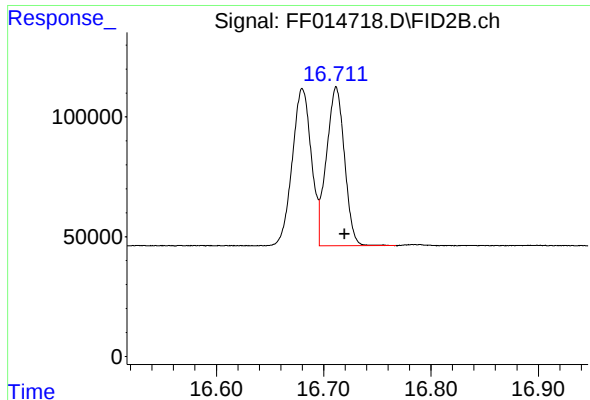
#15 Chrysene (C27.41)

R.T.: 15.169 min
Delta R.T.: -0.007 min
Response: 831586
Conc: 5.32 ug/ml



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

R.T.: 16.680 min
Delta R.T.: -0.006 min
Response: 805805
Conc: 5.21 ug/ml



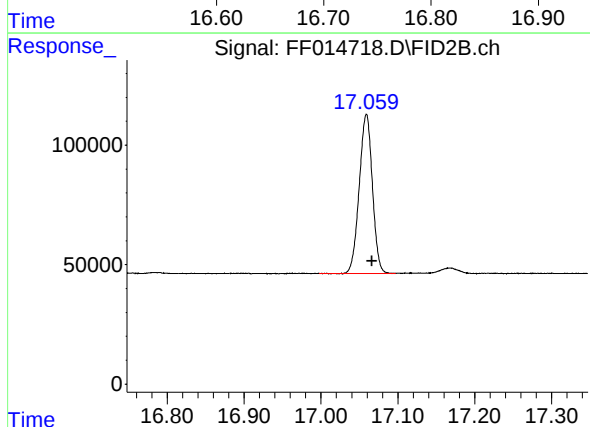
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.712 min
Delta R.T.: -0.008 min
Response: 774334
Conc: 5.31 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

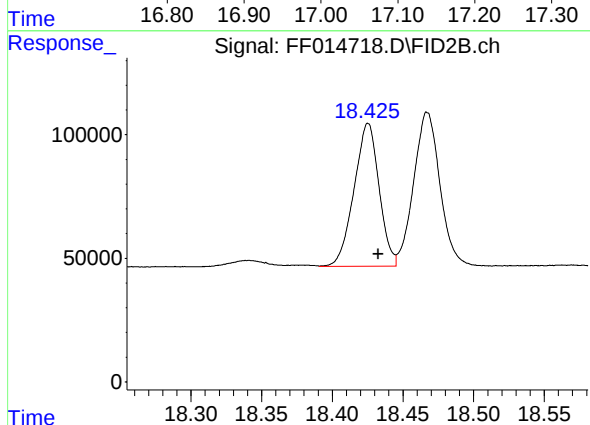
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



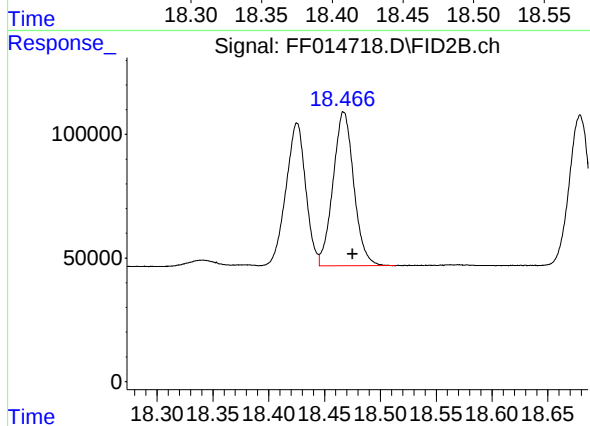
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.059 min
Delta R.T.: -0.007 min
Response: 791992
Conc: 5.23 ug/ml



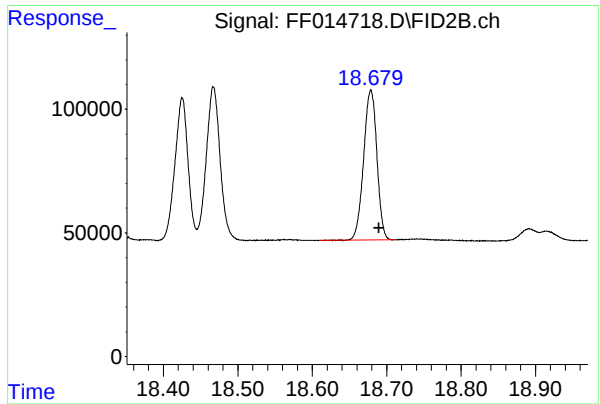
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.425 min
Delta R.T.: -0.007 min
Response: 712044
Conc: 5.16 ug/ml



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

R.T.: 18.467 min
Delta R.T.: -0.008 min
Response: 805632
Conc: 5.49 ug/ml



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

R.T.: 18.679 min
Delta R.T.: -0.011 min
Response: 750689
Conc: 5.18 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

rters

Instrument :
FID_F
LabSampleId :
5 PPM AROMATIC HC STD5
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124
Data File : FF014718.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 21:36
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.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	4.596	4.554	4.649	BB	84078	802686	93.46%	4.804%
2	6.258	6.216	6.289	BB	87760	844043	98.27%	5.051%
3	7.350	7.294	7.394	BB	87055	850502	99.02%	5.090%
4	7.977	7.907	8.041	BB	75248	751972	87.55%	4.500%
5	8.648	8.616	8.672	BV	84273	839093	97.70%	5.022%
6	8.847	8.817	8.881	BV	50640	497720	57.95%	2.979%
7	8.948	8.881	9.001	PB	84880	841996	98.03%	5.039%
8	9.735	9.672	9.789	BB	82701	836283	97.37%	5.005%
9	11.138	11.039	11.184	BV	79585	843358	98.19%	5.047%
10	11.212	11.184	11.242	VV	76298	797839	92.89%	4.775%
11	11.910	11.824	11.946	BB	77171	858884	100.00%	5.140%
12	12.954	12.922	12.999	VB	74792	840481	97.86%	5.030%
13	13.253	13.191	13.287	BV	75858	826740	96.26%	4.948%
14	15.127	15.094	15.148	BV	68071	805162	93.75%	4.819%
15	15.169	15.148	15.234	VB	72641	831586	96.82%	4.977%
16	16.680	16.614	16.696	BV	65467	805805	93.82%	4.823%
17	16.712	16.696	16.767	VB	66416	774334	90.16%	4.634%
18	17.059	16.997	17.097	BB	66732	791992	92.21%	4.740%
19	18.425	18.391	18.445	VV	57933	712044	82.90%	4.261%
20	18.467	18.445	18.514	VB	62118	805632	93.80%	4.822%
21	18.679	18.609	18.712	BV	60868	750689	87.40%	4.493%
Sum of corrected areas:						16708841		

Aromatic EPH 102124.M Tue Oct 22 04:23:05 2024

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	21 Oct 2024 22:04
Client Sample ID:	20 PPM AROMATIC HC S	Operator:	YP\AJ
Data file:	FF014719.D	Misc:	
Instrument:	FID_F	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.497	6.360	6262410	40.121	200	ug/ml
Aromatic C12-C16	6.361	9.050	9582642	60.034	300	ug/ml
Aromatic C16-C21	9.051	13.357	15600086	100.396	500	ug/ml
Aromatic C21-C36	13.358	18.791	23431217	157.845	800	ug/ml
Aromatic EPH	4.497	18.791	54876355	358.396		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	3191703	19.95		ug/ml
2-Bromonaphthalene (SURR)	7.978	7.978	2776289	19.91		ug/ml
2-Fluorobiphenyl (SURR)	8.849	8.849	1892293	20.06		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014719.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 22:04
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 22 04:15:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:14:53 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.978	2776289	19.910 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
6) S 2-Fluorobiphenyl (SURR)	8.849	1892293	20.065 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.13%
11) S ortho-Terphenyl (SURR)	11.912	3191703	19.951 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.596	3050856	20.057 ug/ml
2) T Naphthalene (C11.7)	6.259	3211554	20.065 ug/ml
3) T 2-Methylnaphthalene (...)	7.352	3244103	20.053 ug/ml
5) T Acenaphthylene (C15.06)	8.650	3162850	19.966 ug/ml
7) T Acenaphthene (C15.5)	8.950	3175689	20.015 ug/ml
8) T Fluorene (C16.55)	9.737	3160304	20.030 ug/ml
9) T Phenanthrene (C19.36)	11.141	3163146	20.093 ug/ml
10) T Anthracene (C19.43)	11.215	3012139	20.024 ug/ml
12) T Fluoranthene (C21.85)	12.958	3147285	19.971 ug/ml
13) T Pyrene (C20.8)	13.256	3117212	19.992 ug/ml
14) T Benzo[a]anthracene (C...	15.133	3034910	19.972 ug/ml
15) T Chrysene (C27.41)	15.176	3075903	19.903 ug/ml
16) T benzo[b]fluoranthene ...	16.687	3046400	19.926 ug/ml
17) T Bnezo[k]fluoranthene ...	16.721	2864884	19.831 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.067	2973860	19.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.434	2713257	19.783 ug/ml
20) T Dibenz[a,h]anthracene...	18.475	2872951	19.776 ug/ml
21) T Benzo[g,h,i]perylene ...	18.690	2849052	19.942 ug/ml

(f)=RT Delta > 1/2 Window

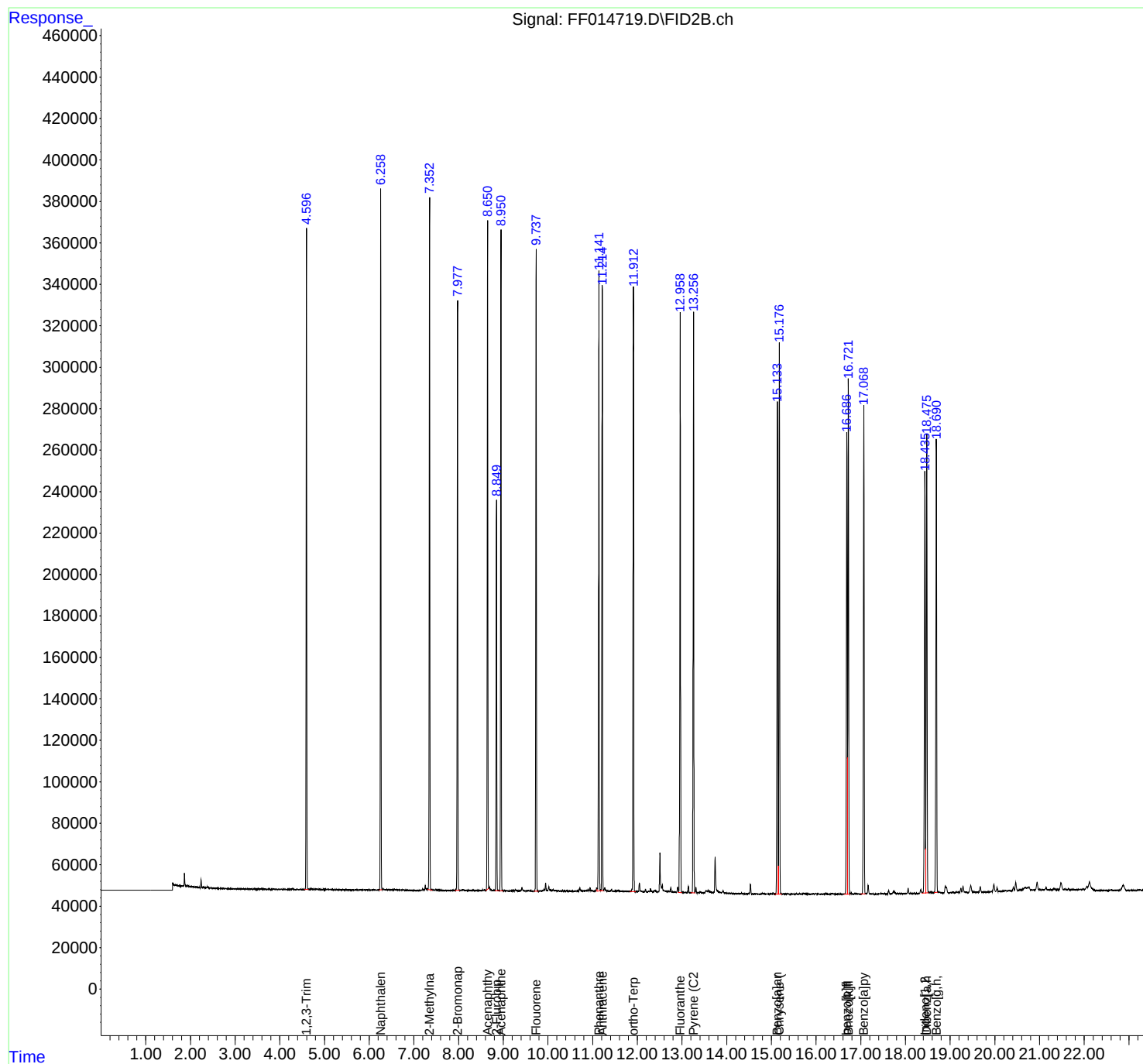
(m)=manual int.

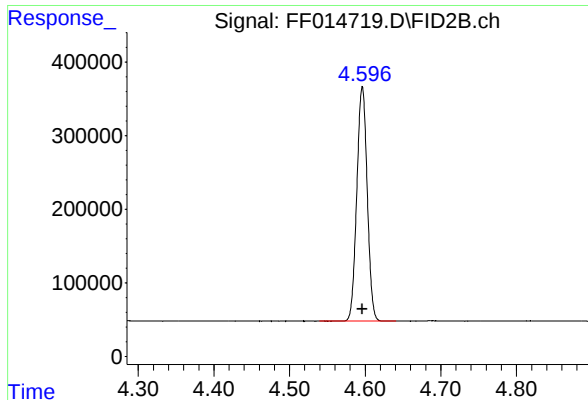
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014719.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 22:04
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 22 04:15:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:14:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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

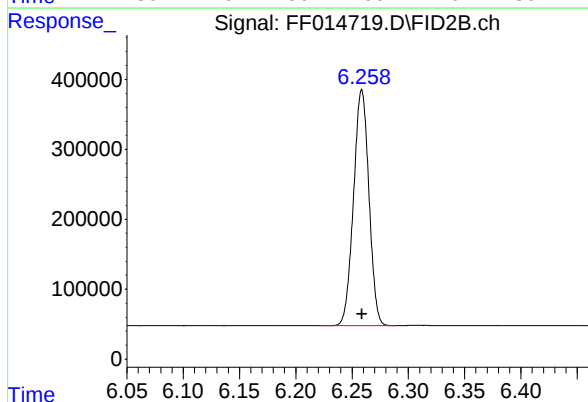




#1 1,2,3-Trimethylbenzene (C10.1)

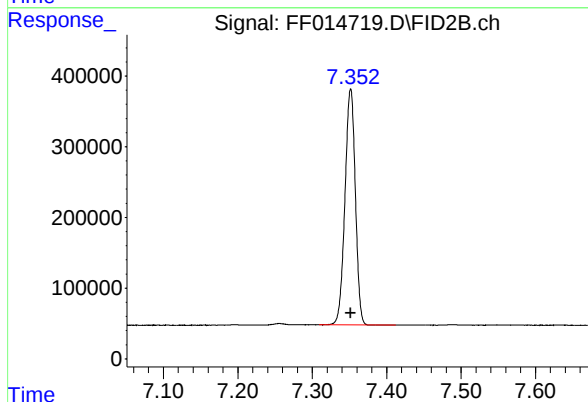
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 3050856
Conc: 20.06 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



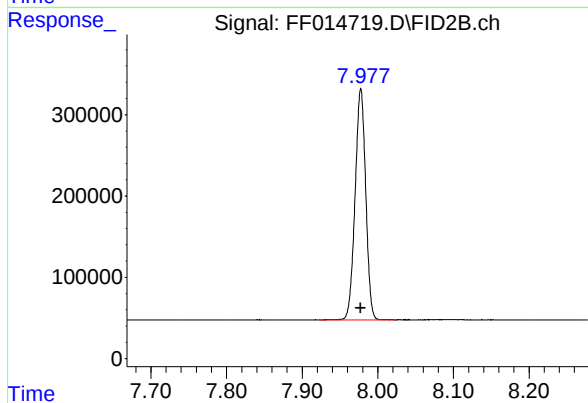
#2 Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 3211554
Conc: 20.06 ug/ml



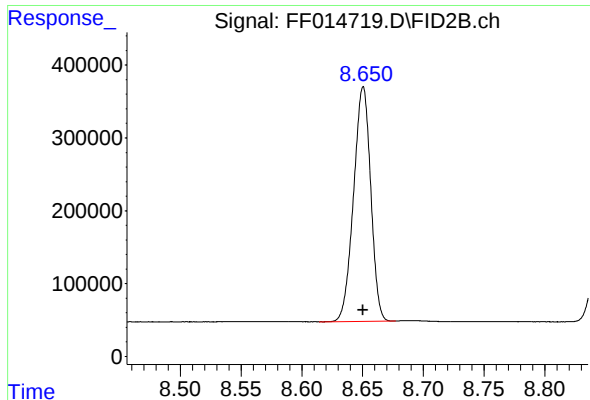
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 3244103
Conc: 20.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 2776289
Conc: 19.91 ug/ml



#5 Acenaphthylene (C15.06)

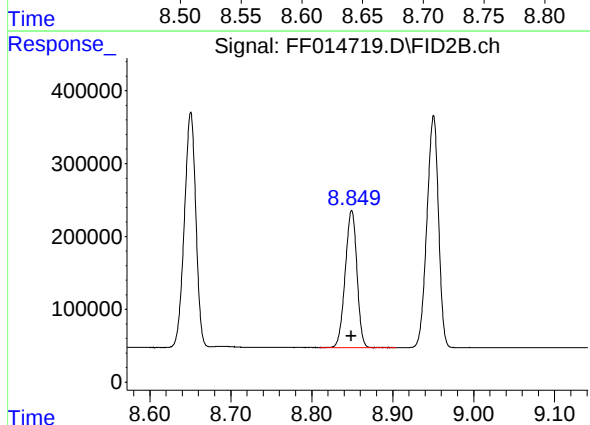
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 3162850
Conc: 19.97 ug/ml

Instrument :

FID_F

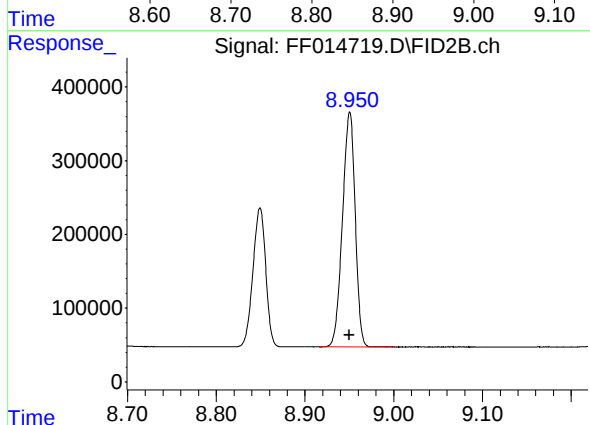
ClientSampleId :

20 PPM AROMATIC HC STD ICV



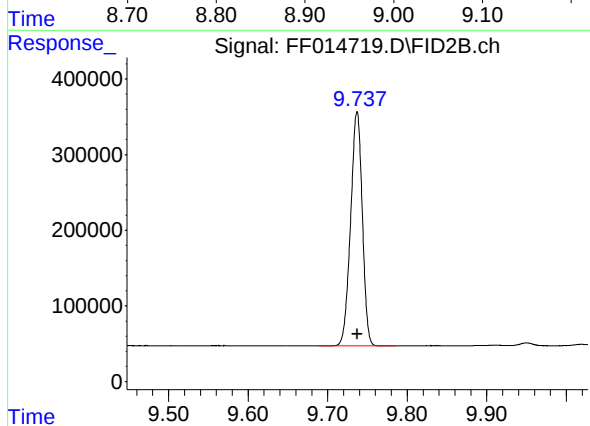
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 1892293
Conc: 20.06 ug/ml



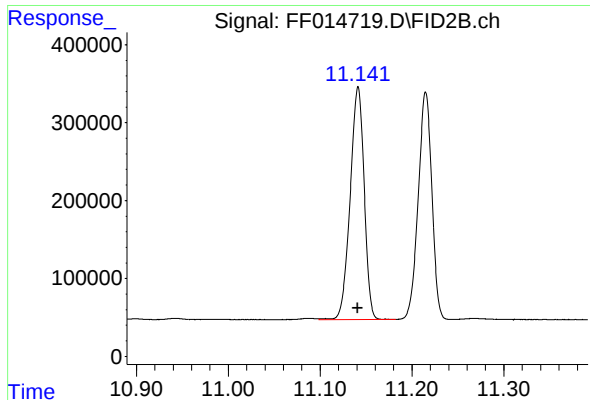
#7 Acenaphthene (C15.5)

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 3175689
Conc: 20.01 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.737 min
Delta R.T.: 0.000 min
Response: 3160304
Conc: 20.03 ug/ml



#9 Phenanthrene (C19.36)

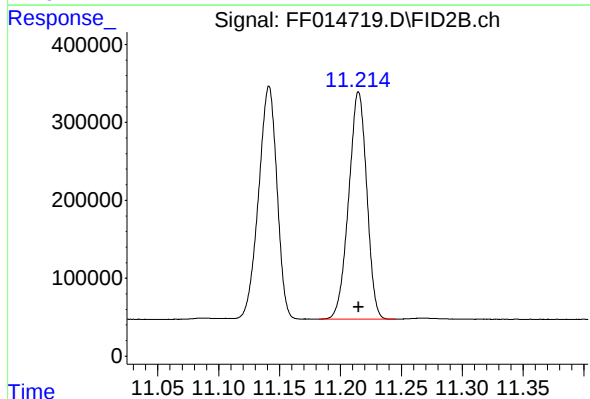
R.T.: 11.141 min
Delta R.T.: 0.000 min
Response: 3163146
Conc: 20.09 ug/ml

Instrument :

FID_F

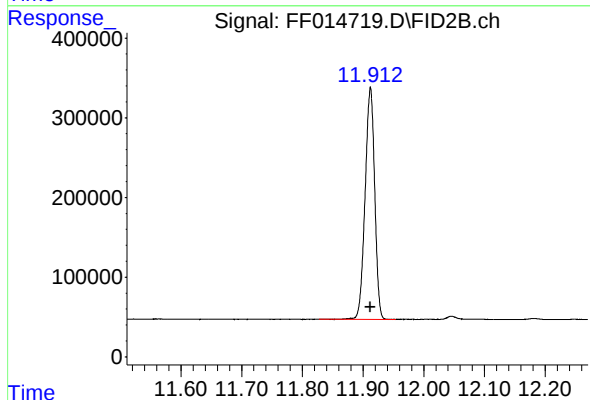
ClientSampleId :

20 PPM AROMATIC HC STD ICV



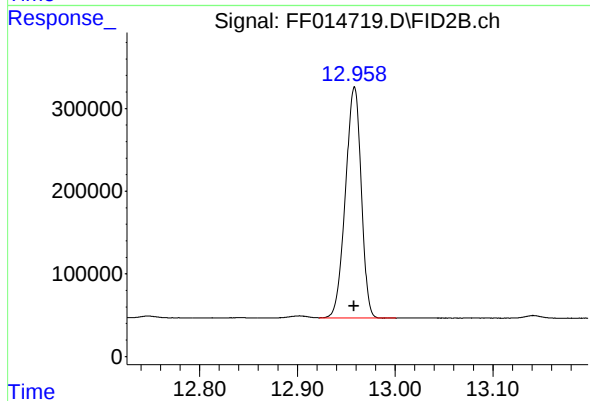
#10 Anthracene (C19.43)

R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 3012139
Conc: 20.02 ug/ml



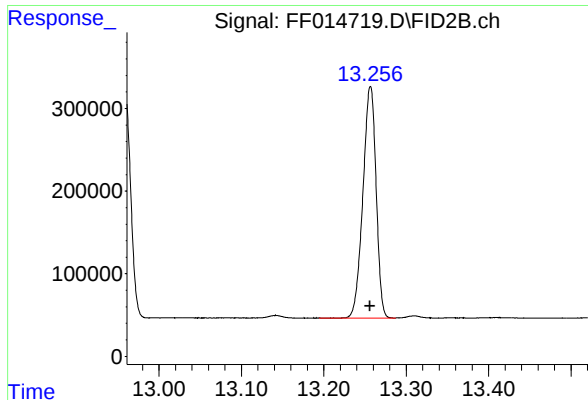
#11 ortho-Terphenyl (SURR)

R.T.: 11.912 min
Delta R.T.: 0.000 min
Response: 3191703
Conc: 19.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 3147285
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

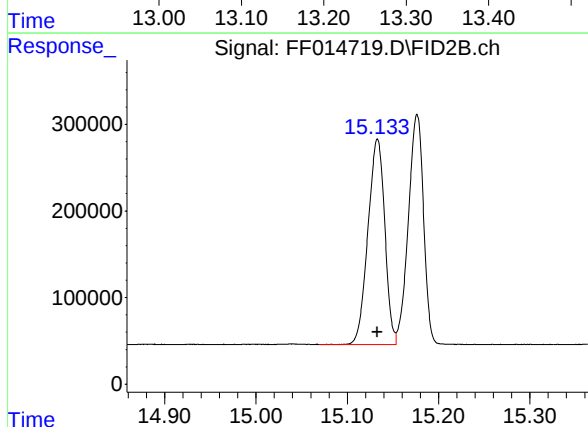
R.T.: 13.256 min
Delta R.T.: 0.000 min
Response: 3117212
Conc: 19.99 ug/ml

Instrument :

FID_F

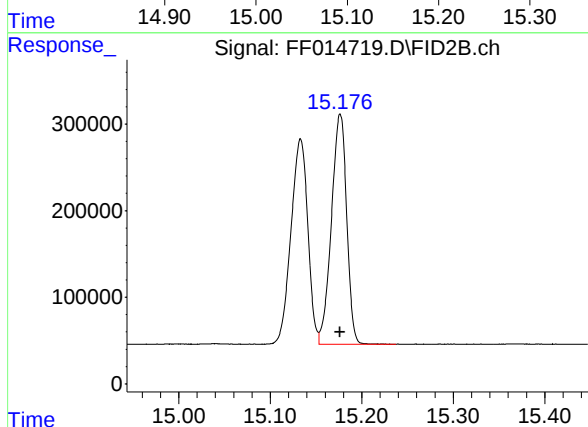
ClientSampleId :

20 PPM AROMATIC HC STD ICV



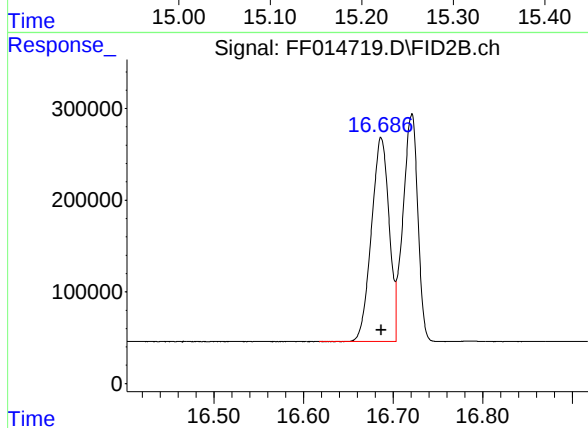
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.133 min
Delta R.T.: 0.000 min
Response: 3034910
Conc: 19.97 ug/ml



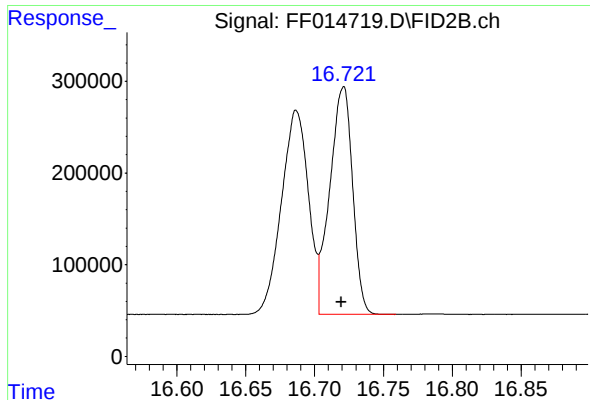
#15 Chrysene (C27.41)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 3075903
Conc: 19.90 ug/ml



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

R.T.: 16.687 min
Delta R.T.: 0.000 min
Response: 3046400
Conc: 19.93 ug/ml



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

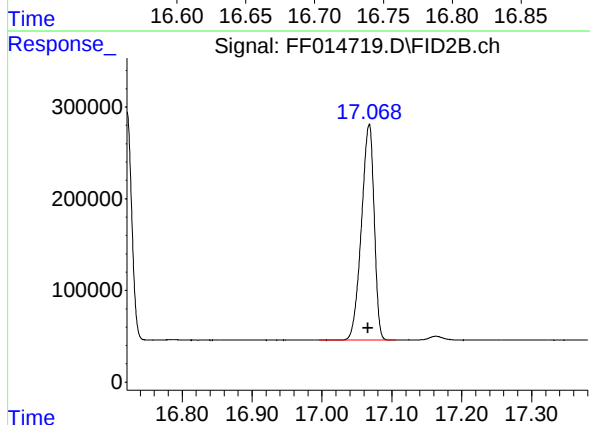
R.T.: 16.721 min
Delta R.T.: 0.000 min
Response: 2864884
Conc: 19.83 ug/ml

Instrument :

FID_F

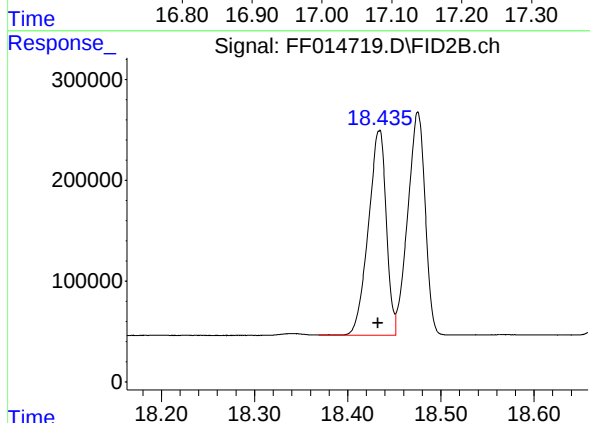
ClientSampleId :

20 PPM AROMATIC HC STD ICV



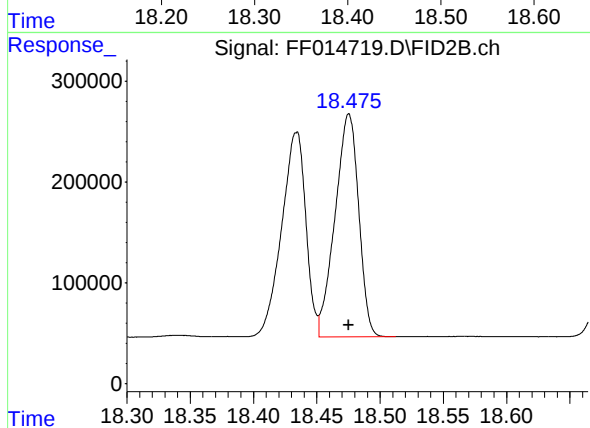
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.067 min
Delta R.T.: 0.001 min
Response: 2973860
Conc: 19.92 ug/ml



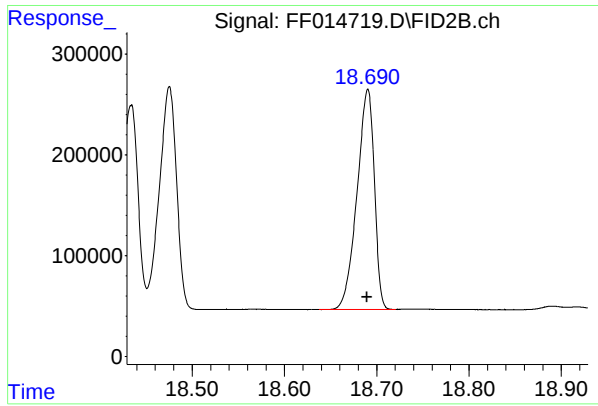
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.434 min
Delta R.T.: 0.001 min
Response: 2713257
Conc: 19.78 ug/ml



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

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 2872951
Conc: 19.78 ug/ml



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

R.T.: 18.690 min
Delta R.T.: 0.000 min
Response: 2849052
Conc: 19.94 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
Data File : FF014719.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 22:04
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.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	4.596	4.539	4.641	BB	318441	3050856	94.04%	4.863%
2	6.259	6.221	6.289	BV	337684	3211554	99.00%	5.119%
3	7.352	7.309	7.412	BB	335491	3244103	100.00%	5.171%
4	7.978	7.922	8.024	BB	284385	2776289	85.58%	4.425%
5	8.650	8.614	8.677	BV	323106	3162850	97.50%	5.041%
6	8.849	8.809	8.904	BB	188482	1892293	58.33%	3.016%
7	8.950	8.916	9.002	BB	320085	3175689	97.89%	5.062%
8	9.737	9.689	9.786	BB	310476	3160304	97.42%	5.037%
9	11.141	11.099	11.182	VV	299054	3163146	97.50%	5.042%
10	11.215	11.182	11.246	VV	291658	3012139	92.85%	4.801%
11	11.912	11.827	11.954	BB	292247	3191703	98.38%	5.087%
12	12.958	12.922	13.001	VB	279003	3147285	97.02%	5.017%
13	13.256	13.194	13.287	BV	280806	3117212	96.09%	4.969%
14	15.133	15.069	15.153	BV	237442	3034910	93.55%	4.838%
15	15.176	15.153	15.237	VB	266163	3075903	94.82%	4.903%
16	16.687	16.617	16.703	BV	221819	3046400	93.91%	4.856%
17	16.721	16.703	16.759	VB	248061	2864884	88.31%	4.567%
18	17.067	16.996	17.106	BB	235264	2973860	91.67%	4.740%
19	18.434	18.369	18.452	VV	203019	2713257	83.64%	4.325%
20	18.475	18.452	18.512	VB	221794	2872951	88.56%	4.579%
21	18.690	18.637	18.721	BV	219349	2849052	87.82%	4.541%
Sum of corrected areas:							62736637	

Aromatic EPH 102124.M Tue Oct 22 04:23:39 2024