



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	01 Mar 2023 13:36
Client Sample ID:	20 PPM AROMATIC HC S	Operator:	YP/AJ
Data file:	FD045197.D	Misc:	
Instrument:	FID_D	ALS Vial:	57
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.262	5.992	6160349	39.818	200	ug/ml
Aromatic C12-C16	5.993	8.607	9072385	59.966	300	ug/ml
Aromatic C16-C21	8.608	12.876	14114634	99.695	500	ug/ml
Aromatic C21-C36	12.877	18.268	19937708	156.965	800	ug/ml
Aromatic EPH	4.262	18.268	49285076	356.444		ug/ml
2-Bromonaphthalene (SURR)	7.552	7.552	2706202	19.94		ug/ml
2-Fluorobiphenyl (SURR)	8.408	8.408	1788906	19.98		ug/ml
ortho-Terphenyl (SURR)	11.448	11.448	3317149	19.93		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045197.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 13:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 01 16:48:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.552	2706202	19.941 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
6) S 2-Fluorobiphenyl (SURR)	8.408	1788906	19.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.448	3317149	19.928 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	3017341	19.923 ug/ml
2) T Naphthalene (C11.7)	5.892	3143008	19.895 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	3172079	19.961 ug/ml
5) T Acenaphthylene (C15.06)	8.211	2867789	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.507	3032517	20.007 ug/ml
8) T Flouorene (C16.55)	9.285	2962417	20.121 ug/ml
9) T Phenanthrene (C19.36)	10.676	2852304	19.978 ug/ml
10) T Anthracene (C19.43)	10.750	2793616	19.936 ug/ml
12) T Fluoranthene (C21.85)	12.481	2790579	19.977 ug/ml
13) T Pyrene (C20.8)	12.776	2715718	19.942 ug/ml
14) T Benzo[a]anthracene (C...	14.641	2533926	19.878 ug/ml
15) T Chrysene (C27.41)	14.683	2587282	19.852 ug/ml
16) T benzo[b]fluoranthene ...	16.182	2575399	19.977 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	2516028	19.932 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2513058	19.967 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	2374116	19.846 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	2364472	19.602 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	2473427	19.879 ug/ml

(f)=RT Delta > 1/2 Window

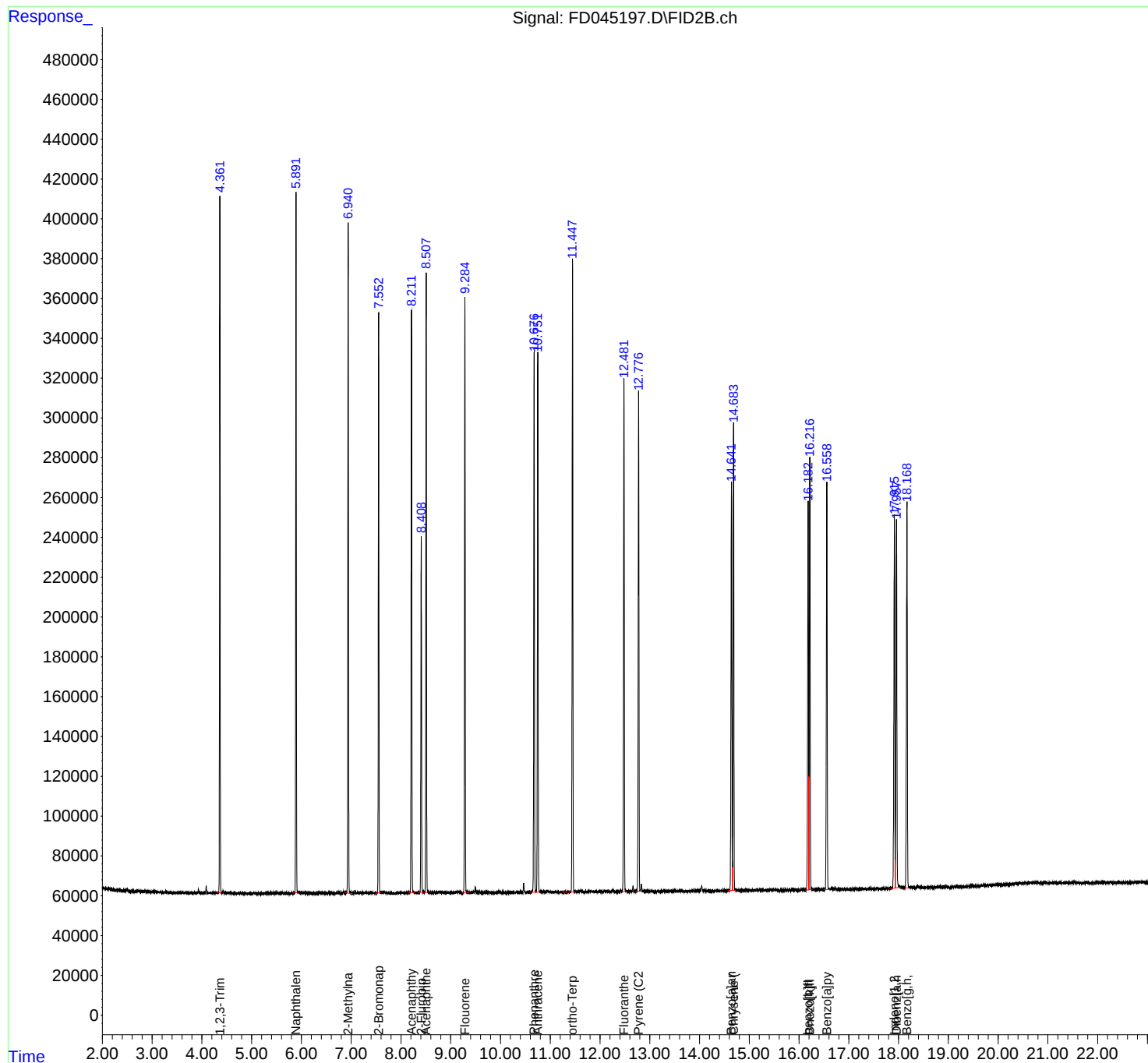
(m)=manual int.

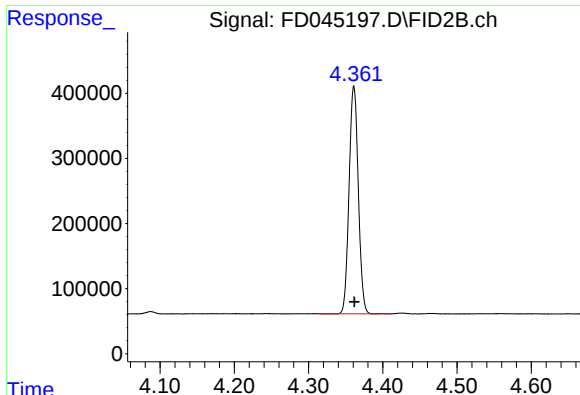
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
Data File : FD045197.D
Signal(s) : FID2B.ch
Acq On : 01 Mar 2023 13:36
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 01 16:48:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
Quant Title : GC Extractables
QLast Update : Wed Mar 01 16:43:59 2023
Response via : Initial Calibration
Integrator: ChemStation

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

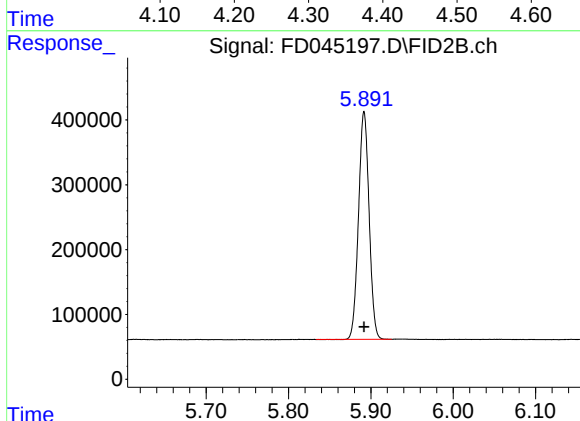




#1 1,2,3-Trimethylbenzene (C10.1)

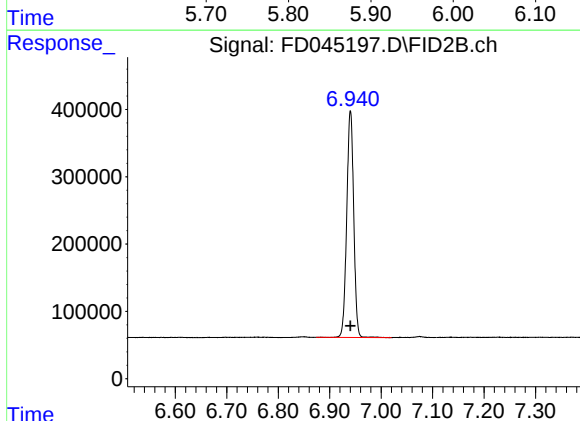
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 3017341
Conc: 19.92 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



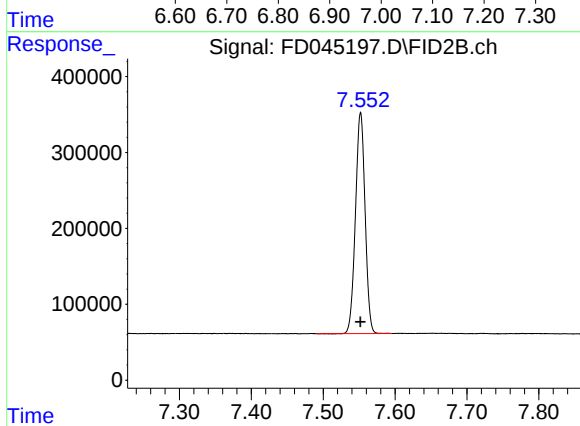
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 3143008
Conc: 19.90 ug/ml



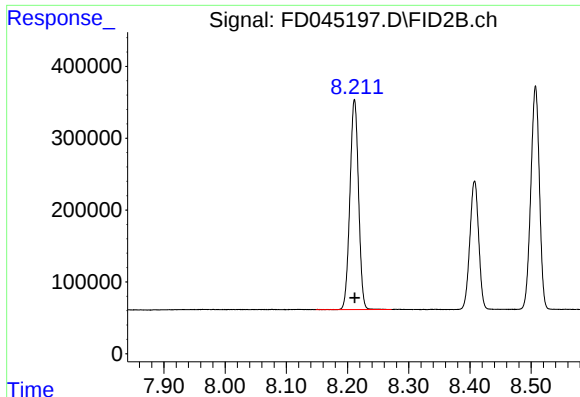
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3172079
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

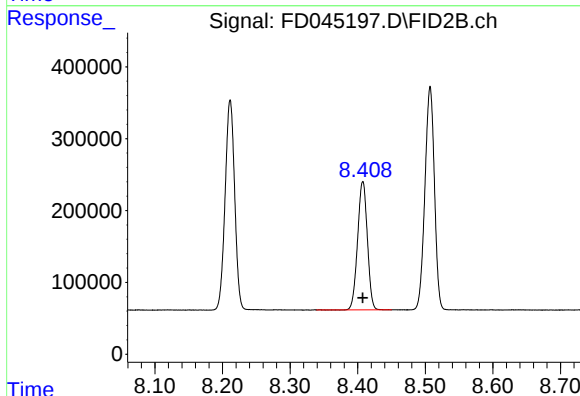
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2706202
Conc: 19.94 ug/ml



#5 Acenaphthylene (C15.06)

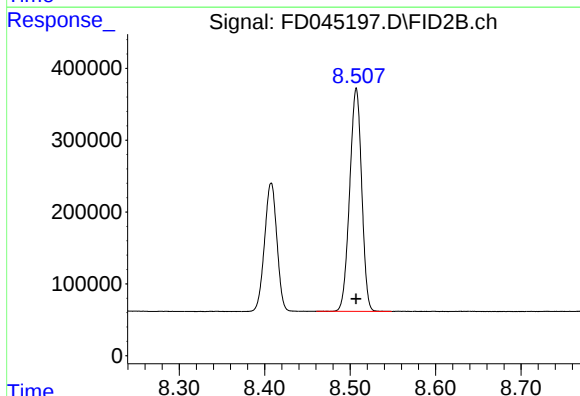
R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 2867789
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



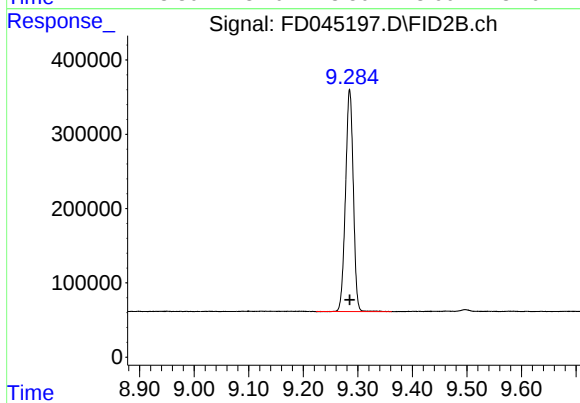
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1788906
Conc: 19.98 ug/ml



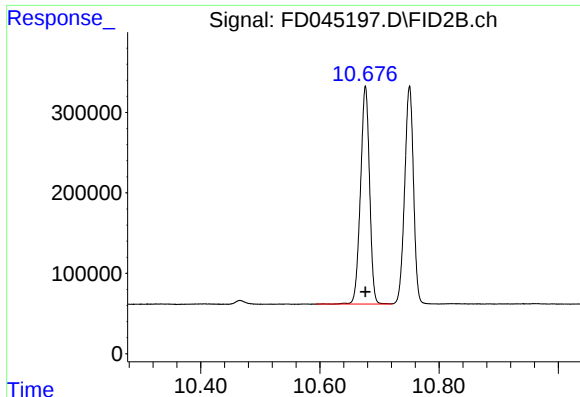
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 3032517
Conc: 20.01 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 2962417
Conc: 20.12 ug/ml



#9 Phenanthrene (C19.36)

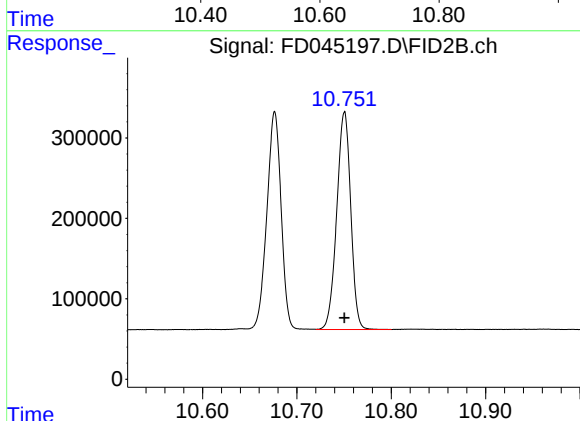
R.T.: 10.676 min
Delta R.T.: 0.000 min
Response: 2852304
Conc: 19.98 ug/ml

Instrument :

FID_D

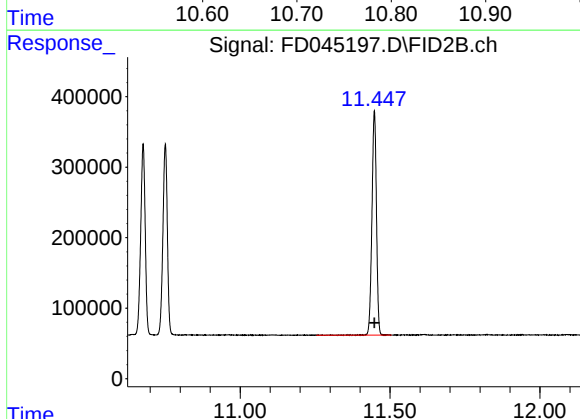
ClientSampleId :

20 PPM AROMATIC HC STD ICV



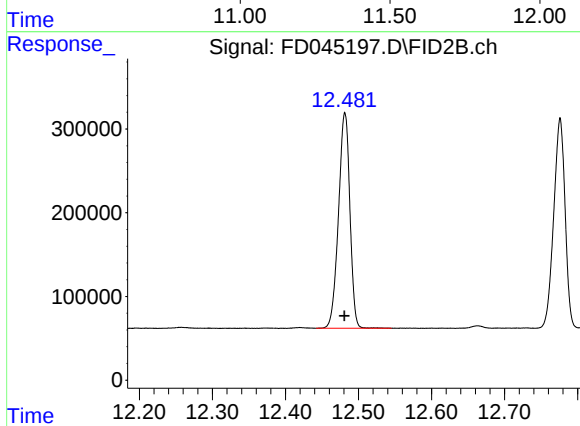
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 2793616
Conc: 19.94 ug/ml



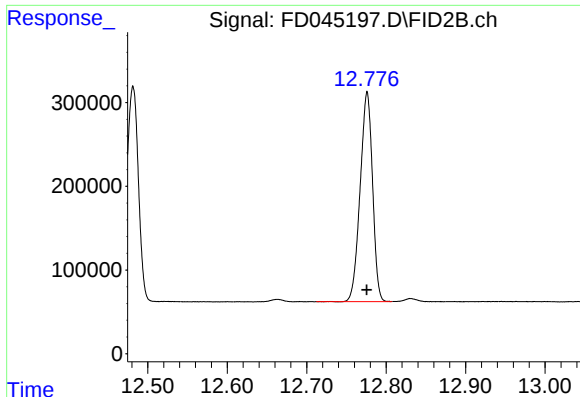
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 3317149
Conc: 19.93 ug/ml



#12 Fluoranthene (C21.85)

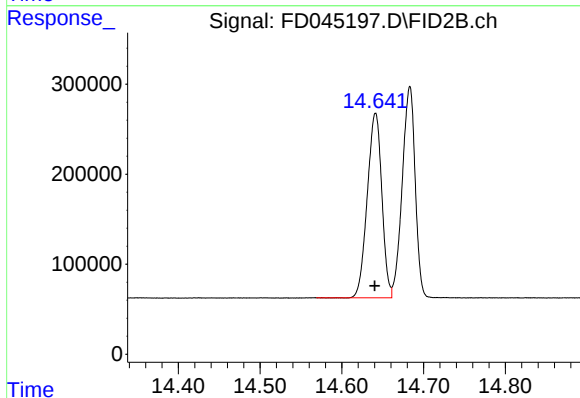
R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 2790579
Conc: 19.98 ug/ml



#13 Pyrene (C20.8)

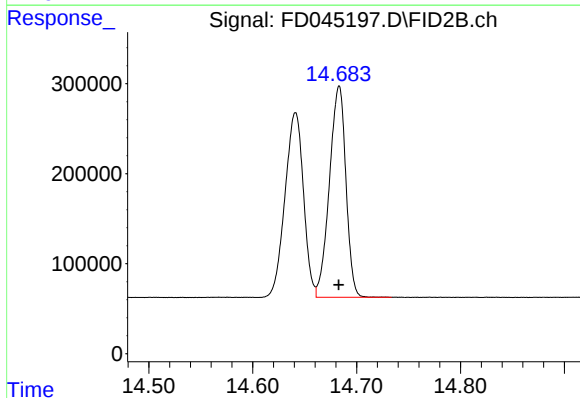
R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 2715718
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



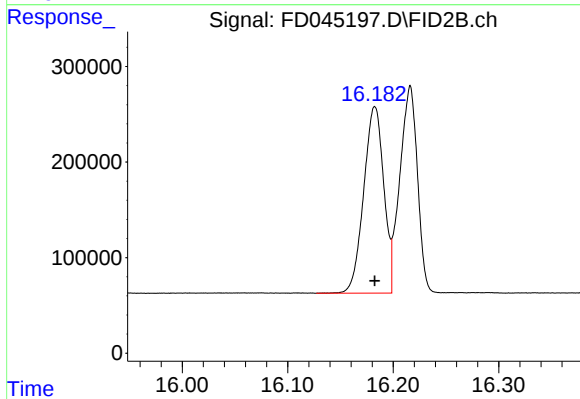
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.000 min
Response: 2533926
Conc: 19.88 ug/ml



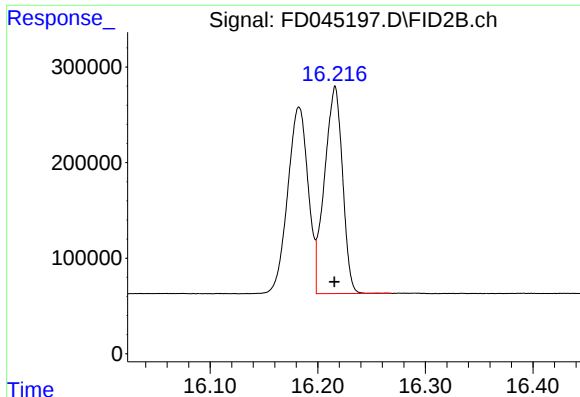
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.000 min
Response: 2587282
Conc: 19.85 ug/ml



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

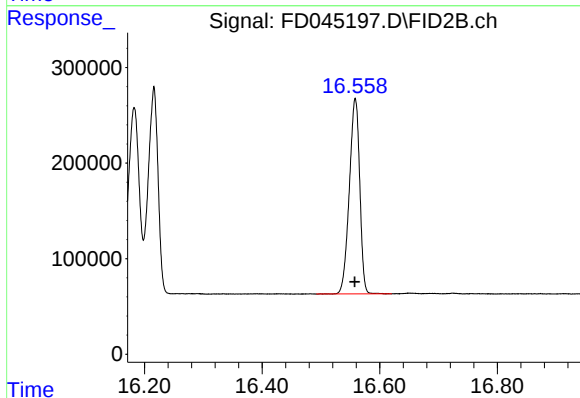
R.T.: 16.182 min
Delta R.T.: 0.000 min
Response: 2575399
Conc: 19.98 ug/ml



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

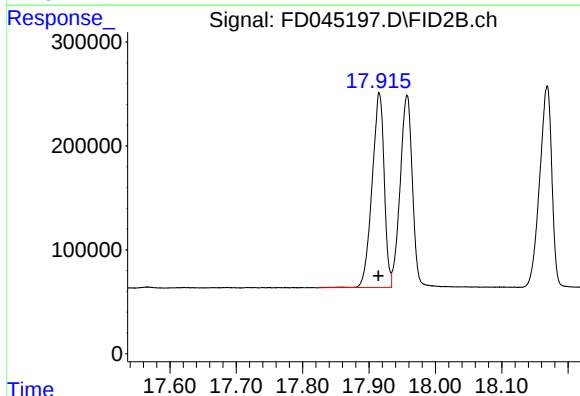
R.T.: 16.216 min
Delta R.T.: 0.000 min
Response: 2516028
Conc: 19.93 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



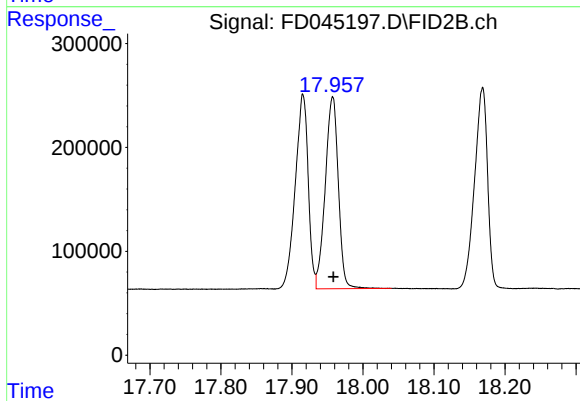
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.000 min
Response: 2513058
Conc: 19.97 ug/ml



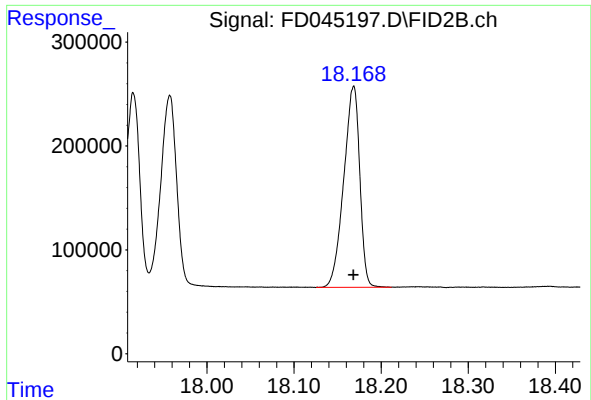
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: 0.001 min
Response: 2374116
Conc: 19.85 ug/ml



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

R.T.: 17.957 min
Delta R.T.: -0.001 min
Response: 2364472
Conc: 19.60 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 2473427
Conc: 19.88 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV