



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

Lab Sample ID:	50 PPM AROMATIC HC	Acq On:	21 Apr 2023 16:17
Client Sample ID:		Operator:	YP/AJ
Data file:	FD045519.D	Misc:	
Instrument:	FID_D	ALS Vial:	57
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.254	5.986	16000197.000	100.000	ug/ml
Aromatic C12-C16	5.987	8.601	23140071.000	150.000	ug/ml
Aromatic C16-C21	8.602	12.867	27586585.000	200.000	ug/ml
Aromatic C21-C36	12.868	18.256	57075550.000	450.000	ug/ml
Aromatic EPH	4.254	18.256	123802403.000	900.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045519.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 16:17
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 22 03:39:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 22 03:38:56 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...	7.551	6932853	49.590 ug/ml
Spiked Amount 50.000		Recovery =	99.18%
6) S 2-Fluorobiphenyl (SURR)	8.408	4528106	49.620 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.24%
11) S ortho-Terphenyl (SURR)	11.448	8532782	49.509 ug/ml
Spiked Amount 50.000		Recovery =	99.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	7878471	49.390 ug/ml
2) T Naphthalene (C11.7)	5.891	8121726	49.465 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	8092617	49.625 ug/ml
5) T Acenaphthylene (C15.06)	8.212	7258818	49.562 ug/ml
7) T Acenaphthene (C15.5)	8.508	7788636	49.575 ug/ml
8) T Fluorene (C16.55)	9.286	7472257	49.620 ug/ml
9) T Phenanthrene (C19.36)	10.678	7183713	49.582 ug/ml
10) T Anthracene (C19.43)	10.751	6061639	49.812 ug/ml
12) T Fluoranthene (C21.85)	12.482	7024884	49.392 ug/ml
13) T Pyrene (C20.8)	12.778	6868976	49.430 ug/ml
14) T Benzo[a]anthracene (C...	14.642	6311335	49.742 ug/ml
15) T Chrysene (C27.41)	14.686	6588866	49.882 ug/ml
16) T benzo[b]fluoranthene ...	16.185	6445150	49.572 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	6344565	49.411 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	6148874	49.590 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	5952471	50.300 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	6032223	50.416 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	6227182	50.018 ug/ml

(f)=RT Delta > 1/2 Window

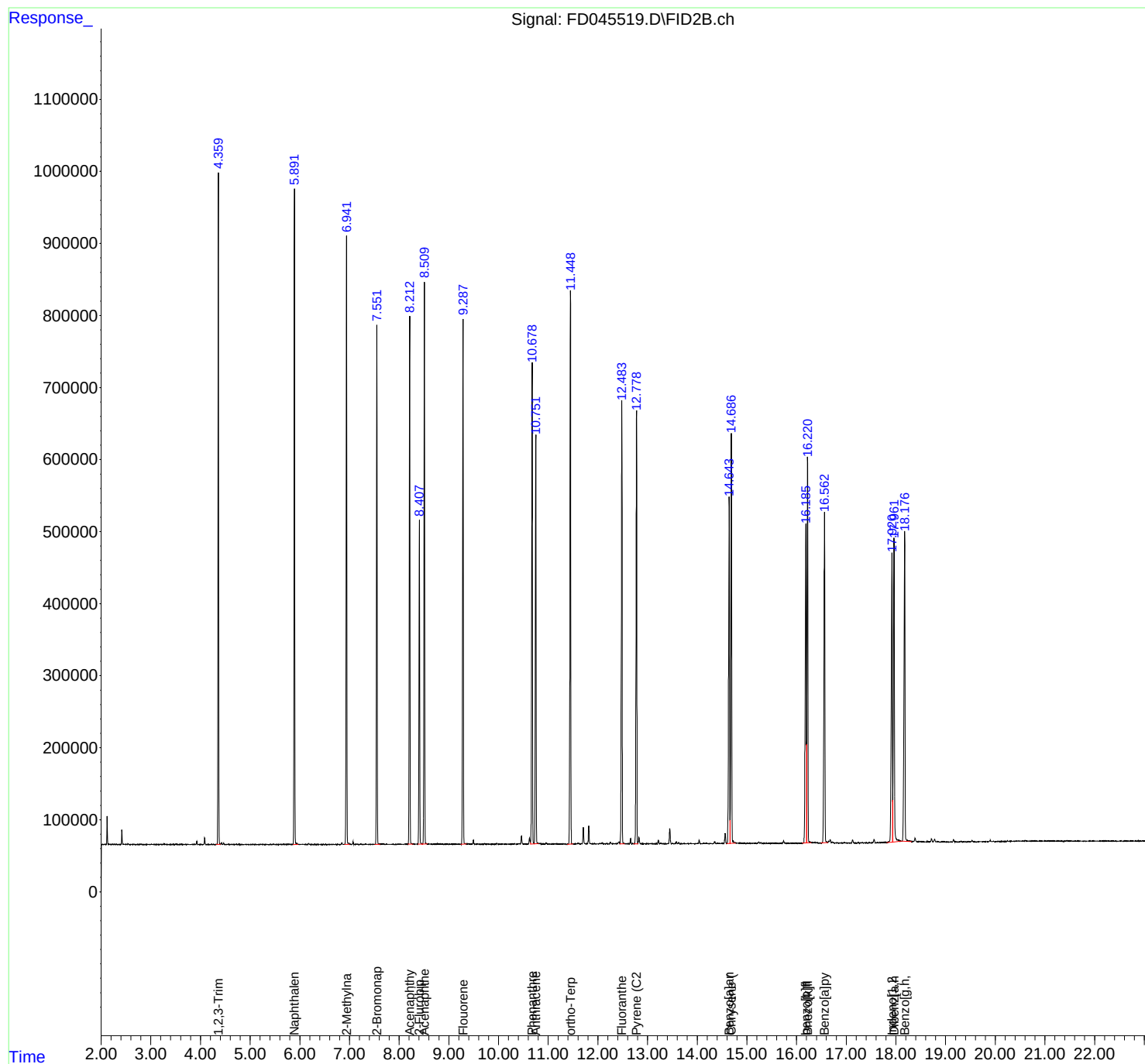
(m)=manual int.

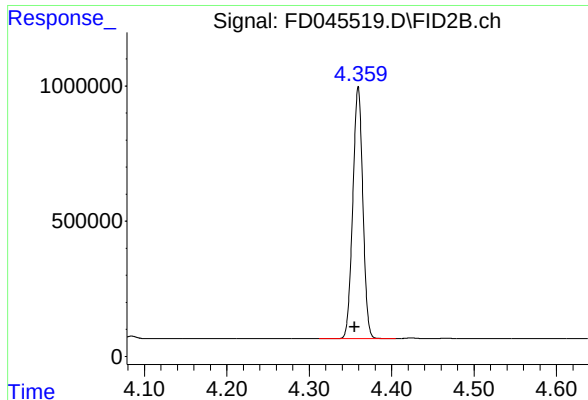
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
Data File : FD045519.D
Signal(s) : FID2B.ch
Acq On : 21 Apr 2023 16:17
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
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Volume Inj. : 1 µl
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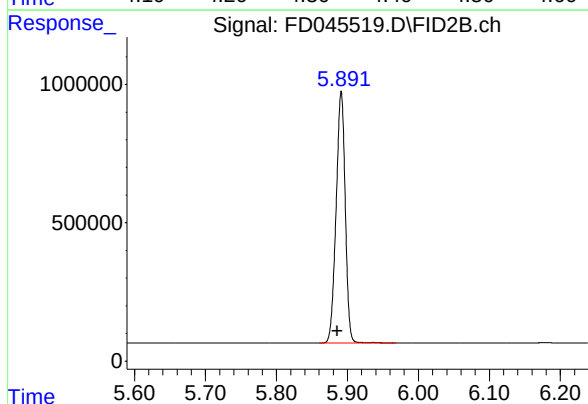




#1 1,2,3-Trimethylbenzene (C10.1)

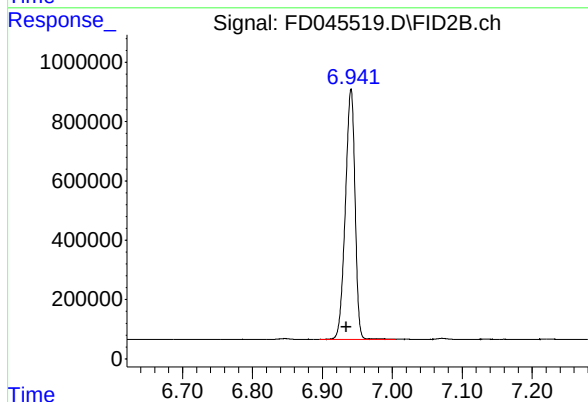
R.T.: 4.359 min
Delta R.T.: 0.004 min
Response: 7878471
Conc: 49.39 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



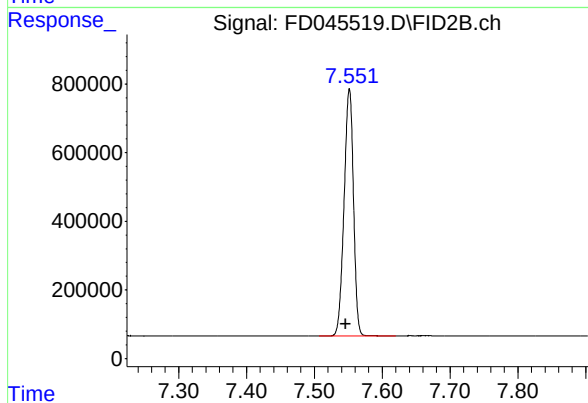
#2 Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: 0.006 min
Response: 8121726
Conc: 49.47 ug/ml



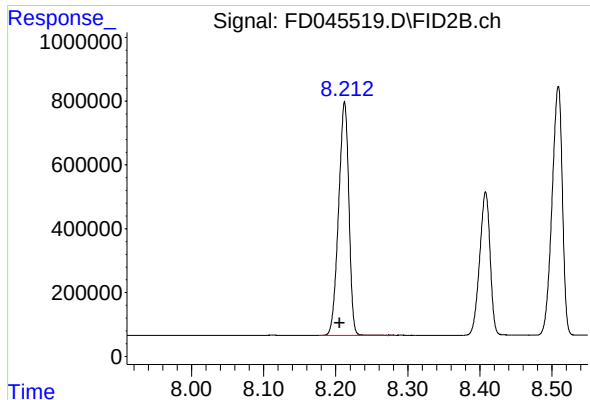
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: 0.006 min
Response: 8092617
Conc: 49.62 ug/ml



#4 2-Bromonaphthalene (SURR)

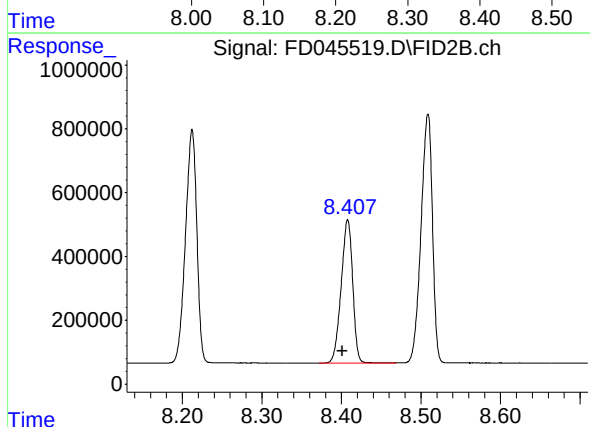
R.T.: 7.551 min
Delta R.T.: 0.005 min
Response: 6932853
Conc: 49.59 ug/ml



#5 Acenaphthylene (C15.06)

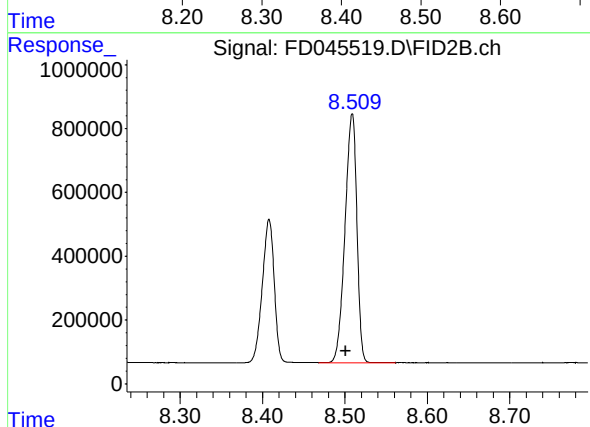
R.T.: 8.212 min
Delta R.T.: 0.007 min
Response: 7258818
Conc: 49.56 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



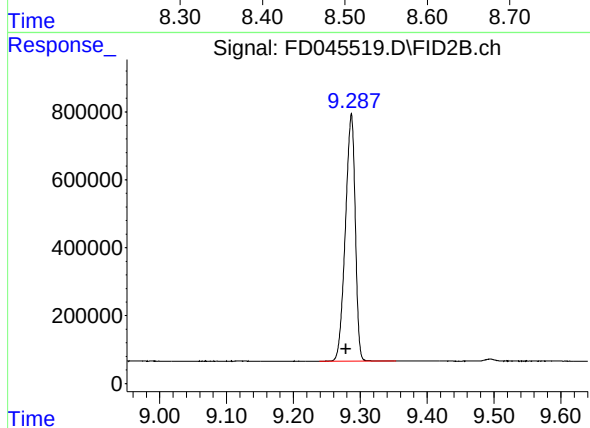
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.006 min
Response: 4528106
Conc: 49.62 ug/ml



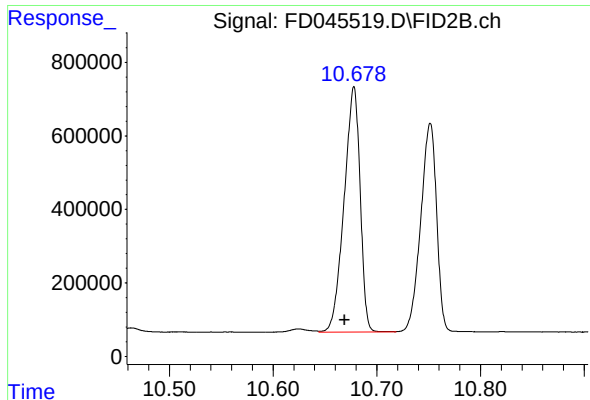
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.008 min
Response: 7788636
Conc: 49.57 ug/ml



#8 Fluorene (C16.55)

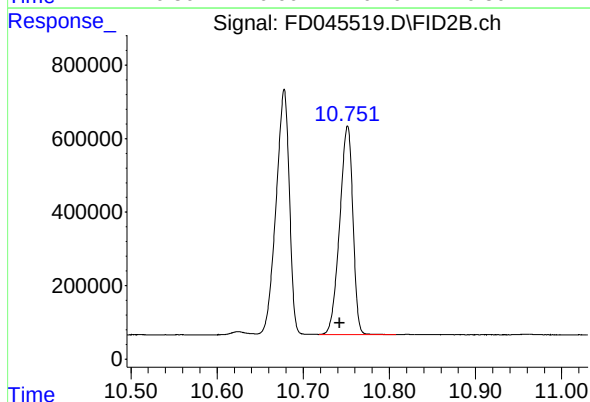
R.T.: 9.286 min
Delta R.T.: 0.008 min
Response: 7472257
Conc: 49.62 ug/ml



#9 Phenanthrene (C19.36)

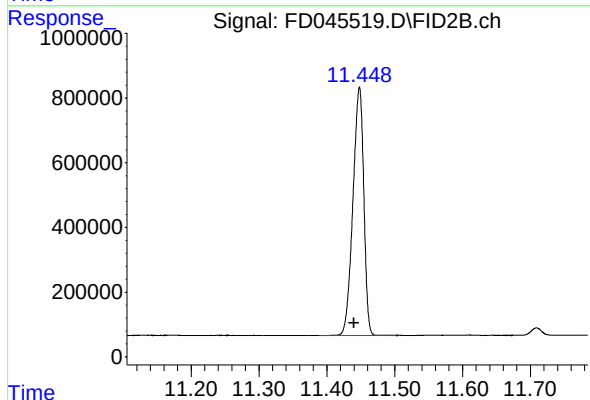
R.T.: 10.678 min
Delta R.T.: 0.008 min
Response: 7183713
Conc: 49.58 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



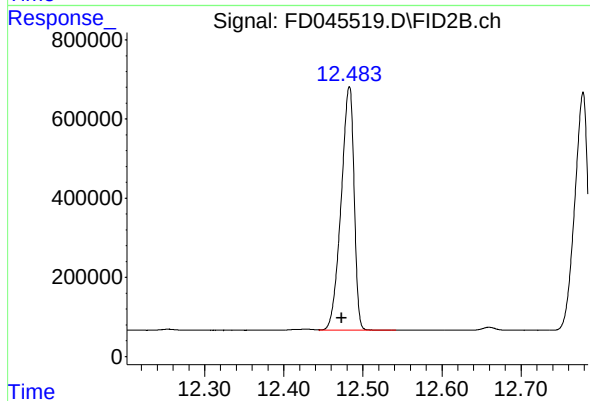
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.009 min
Response: 6061639
Conc: 49.81 ug/ml



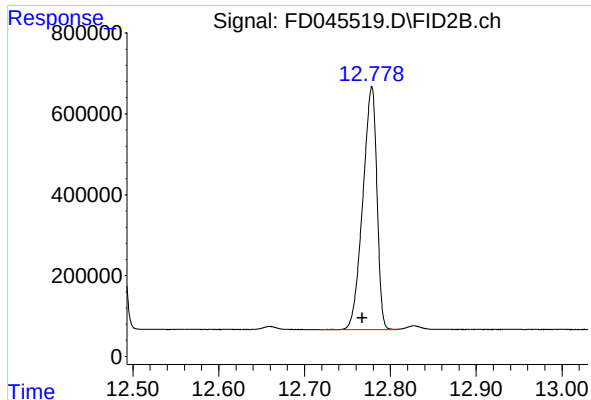
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.008 min
Response: 8532782
Conc: 49.51 ug/ml



#12 Fluoranthene (C21.85)

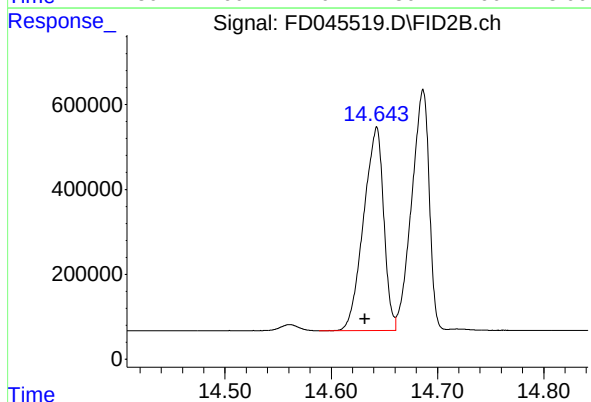
R.T.: 12.482 min
Delta R.T.: 0.010 min
Response: 7024884
Conc: 49.39 ug/ml



#13 Pyrene (C20.8)

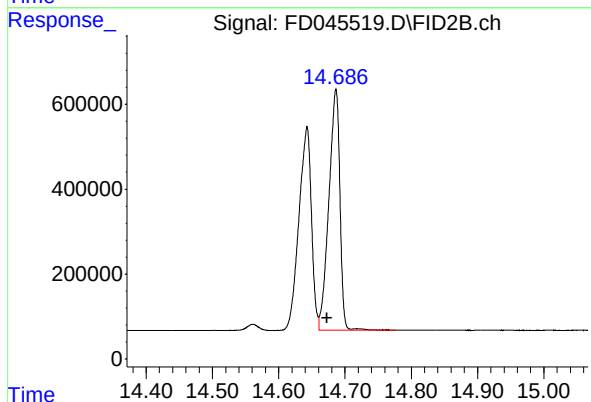
R.T.: 12.778 min
Delta R.T.: 0.010 min
Response: 6868976
Conc: 49.43 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



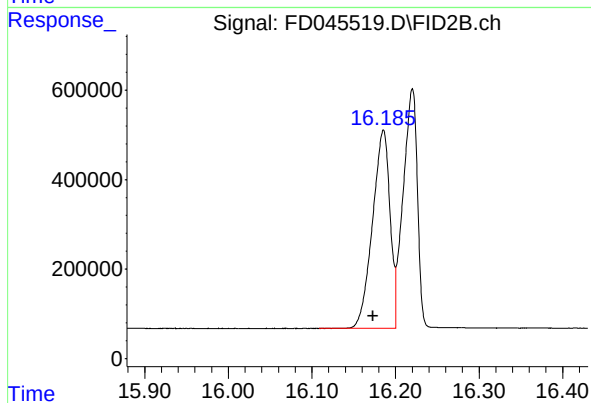
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.011 min
Response: 6311335
Conc: 49.74 ug/ml



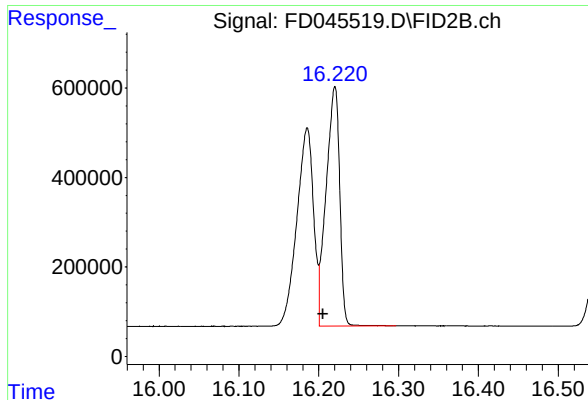
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.013 min
Response: 6588866
Conc: 49.88 ug/ml



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

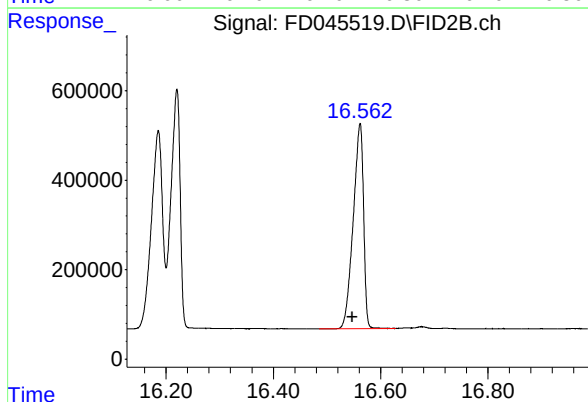
R.T.: 16.185 min
Delta R.T.: 0.012 min
Response: 6445150
Conc: 49.57 ug/ml



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

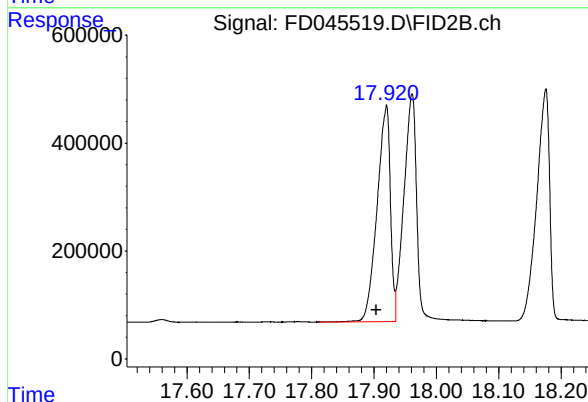
R.T.: 16.220 min
Delta R.T.: 0.014 min
Response: 6344565
Conc: 49.41 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



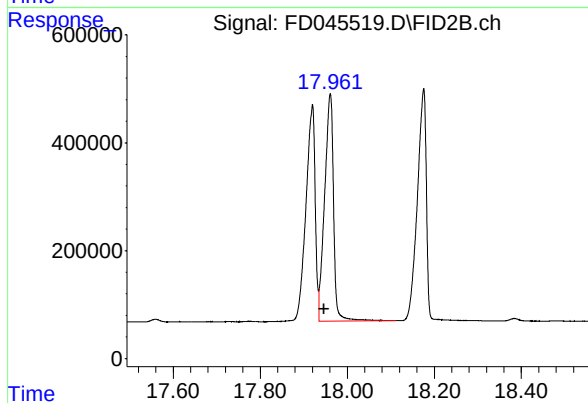
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.014 min
Response: 6148874
Conc: 49.59 ug/ml



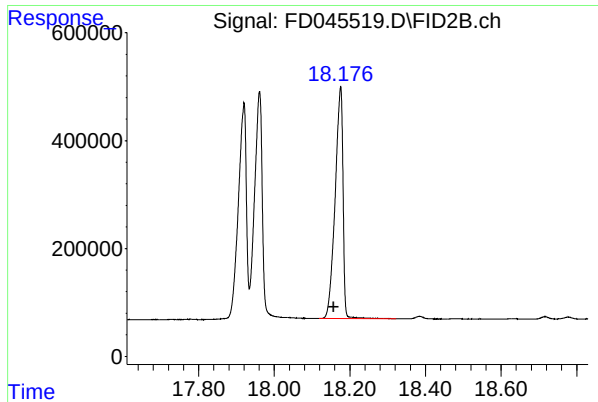
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min
Delta R.T.: 0.015 min
Response: 5952471
Conc: 50.30 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.014 min
Response: 6032223
Conc: 50.42 ug/ml



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

R.T.: 18.175 min
Delta R.T.: 0.018 min
Response: 6227182
Conc: 50.02 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2