

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AR\
 Data File : FD043725.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 00:39
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 24 02:38:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:27:55 2022
 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...	7.493	888029	5.140 ug/ml
Spiked Amount 50.000		Recovery =	10.28%
6) S 2-Fluorobiphenyl (SURR)	8.361	386936	3.847 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.69%
11) S ortho-Terphenyl (SURR)	11.375	1138996	5.444 ug/ml
Spiked Amount 50.000		Recovery =	10.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	1035693	5.201 ug/ml
2) T Naphthalene (C11.7)	5.834	1020277	5.076 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	922961	5.113 ug/ml
5) T Acenaphthylene (C15.06)	8.150	1047729	5.242 ug/ml
7) T Acenaphthene (C15.5)	8.439	1221514	5.683 ug/ml
8) T Flouorene (C16.55)	9.230	952169	4.967 ug/ml
9) T Phenanthrene (C19.36)	10.624	847419	4.712 ug/ml
10) T Anthracene (C19.43)	10.705	1037338	5.333 ug/ml
12) T Fluoranthene (C21.85)	12.431	924722	5.071 ug/ml
13) T Pyrene (C20.8)	12.723	977241	5.235 ug/ml
14) T Benzo[a]anthracene (C...	14.597	547664	3.828 ug/ml
15) T Chrysene (C27.41)	14.636	1166094	6.042 ug/ml
16) T benzo[b]fluoranthene ...	16.140	617795	4.281 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	981137	5.704 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.533	719093	4.962 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.897	386566	3.738 ug/ml
20) T Dibenz[a,h]anthracene...	17.939	677832	4.817 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	599930	4.713 ug/ml

(f)=RT Delta > 1/2 Window

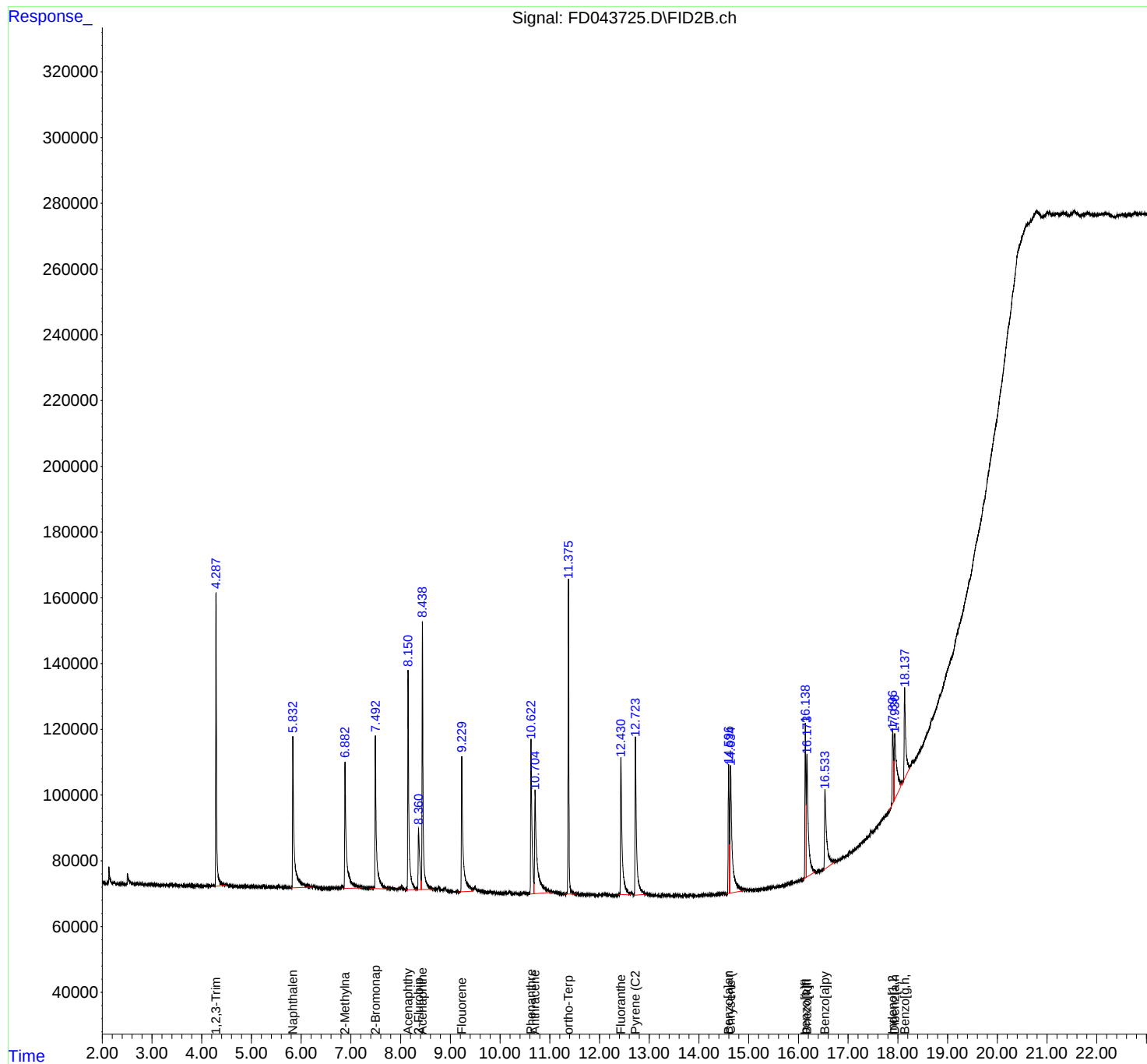
(m)=manual int.

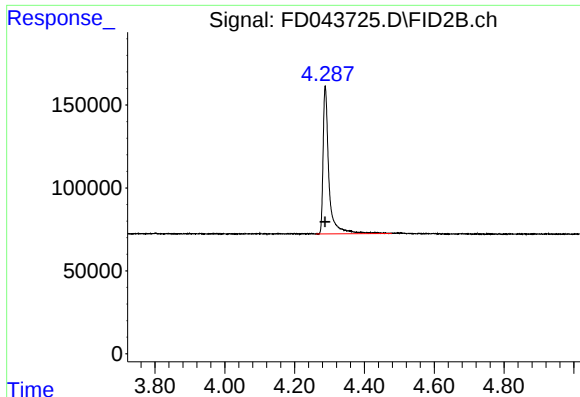
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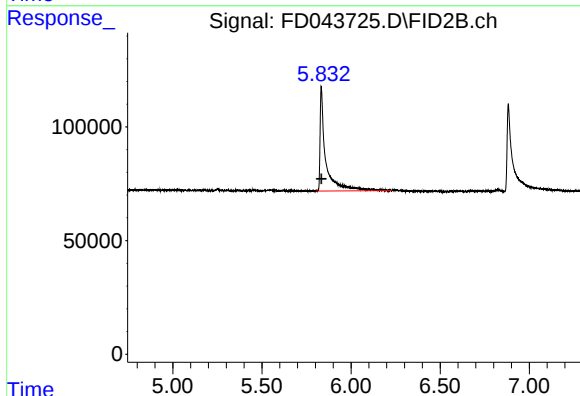




#1 1,2,3-Trimethylbenzene (C10.1)

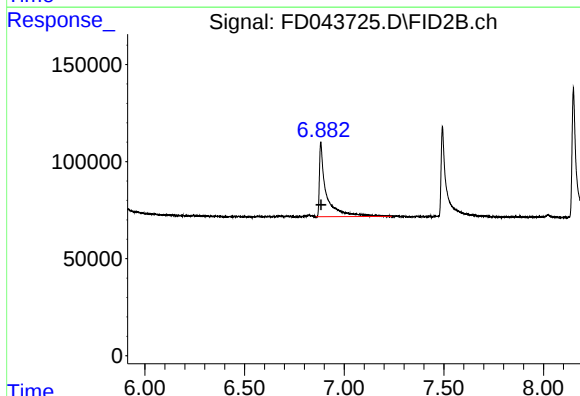
R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 1035693
Conc: 5.20 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



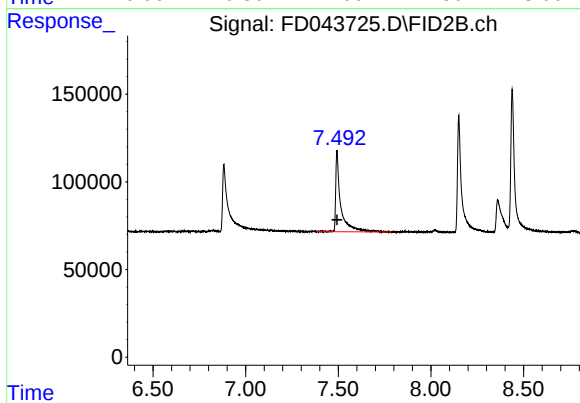
#2 Naphthalene (C11.7)

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 1020277
Conc: 5.08 ug/ml



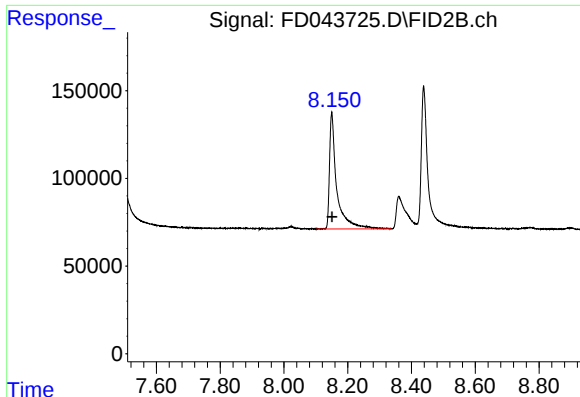
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 922961
Conc: 5.11 ug/ml



#4 2-Bromonaphthalene (SURR)

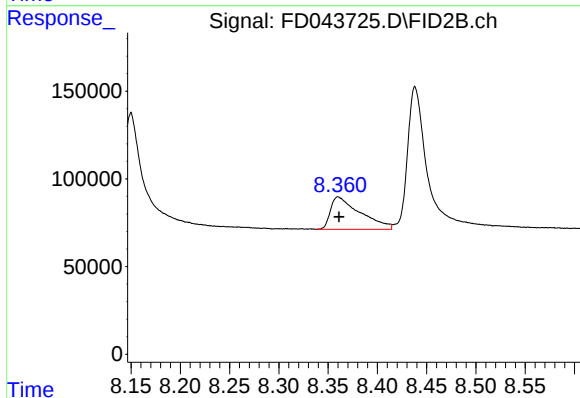
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 888029
Conc: 5.14 ug/ml



#5 Acenaphthylene (C15.06)

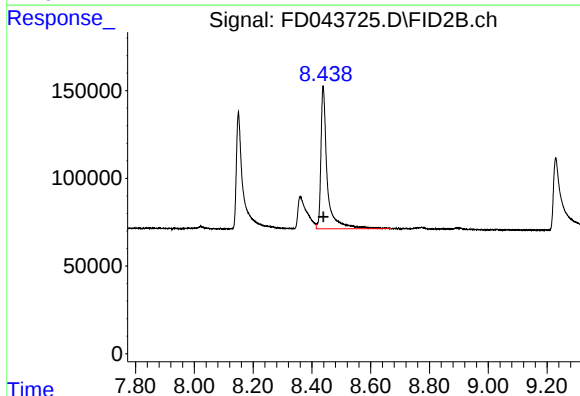
R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 1047729
Conc: 5.24 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



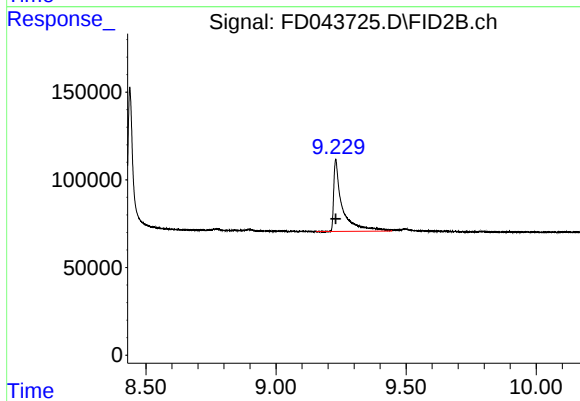
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 386936
Conc: 3.85 ug/ml



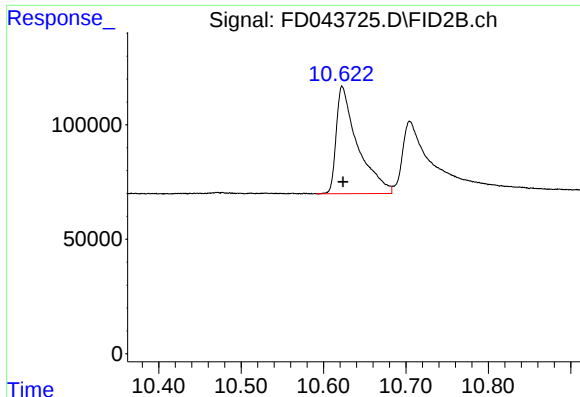
#7 Acenaphthene (C15.5)

R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 1221514
Conc: 5.68 ug/ml



#8 Fluorene (C16.55)

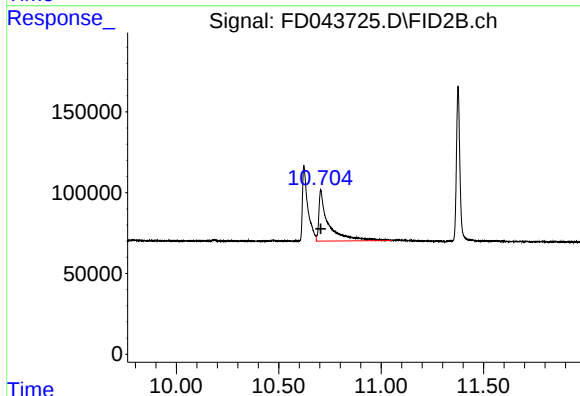
R.T.: 9.230 min
Delta R.T.: 0.000 min
Response: 952169
Conc: 4.97 ug/ml



#9 Phenanthrene (C19.36)

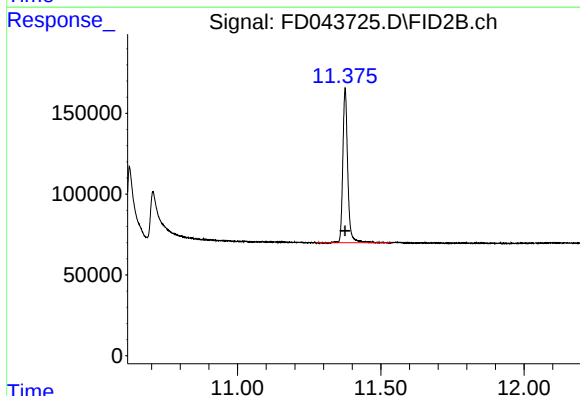
R.T.: 10.624 min
Delta R.T.: 0.000 min
Response: 847419
Conc: 4.71 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5



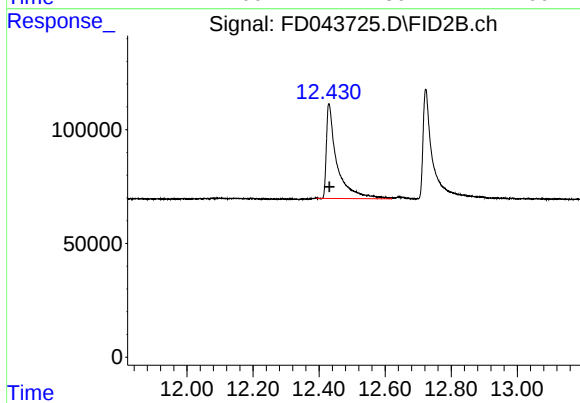
#10 Anthracene (C19.43)

R.T.: 10.705 min
Delta R.T.: 0.000 min
Response: 1037338
Conc: 5.33 ug/ml



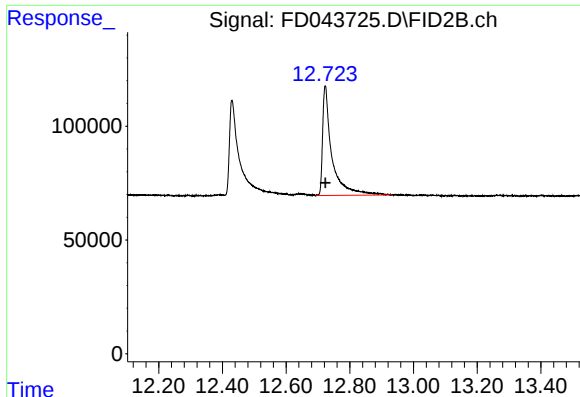
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 1138996
Conc: 5.44 ug/ml



#12 Fluoranthene (C21.85)

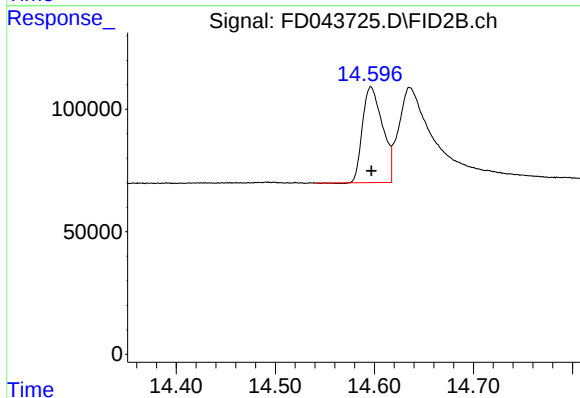
R.T.: 12.431 min
Delta R.T.: 0.000 min
Response: 924722
Conc: 5.07 ug/ml



#13 Pyrene (C20.8)

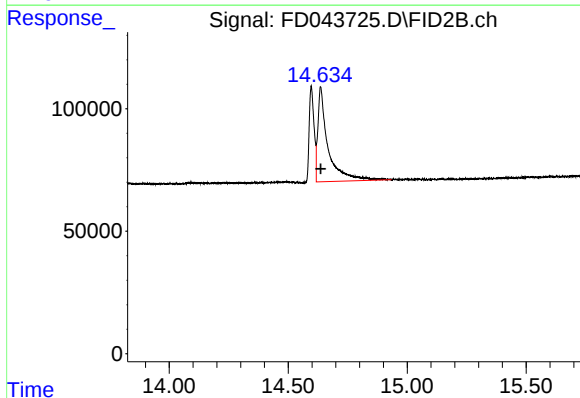
R.T.: 12.723 min
Delta R.T.: 0.000 min
Response: 977241
Conc: 5.24 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



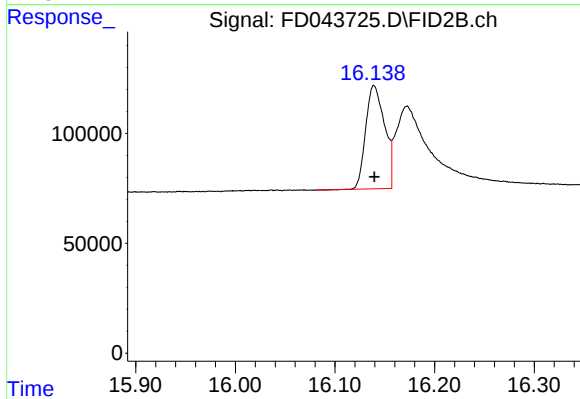
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.597 min
Delta R.T.: 0.000 min
Response: 547664
Conc: 3.83 ug/ml



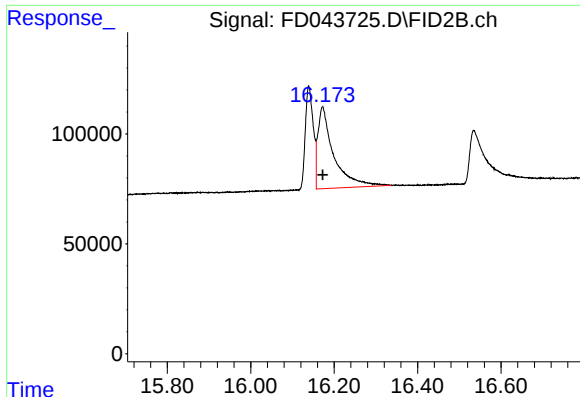
#15 Chrysene (C27.41)

R.T.: 14.636 min
Delta R.T.: 0.000 min
Response: 1166094
Conc: 6.04 ug/ml



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

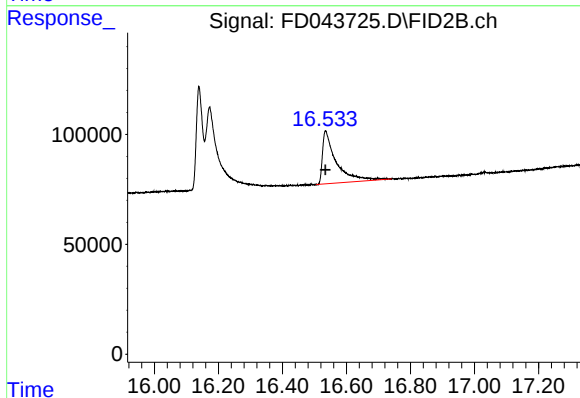
R.T.: 16.140 min
Delta R.T.: 0.000 min
Response: 617795
Conc: 4.28 ug/ml



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

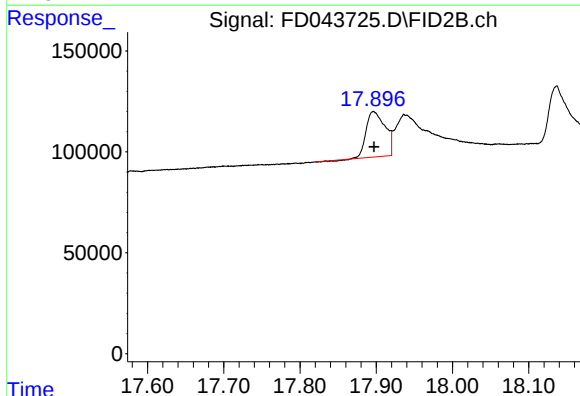
R.T.: 16.172 min
Delta R.T.: 0.000 min
Response: 981137
Conc: 5.70 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



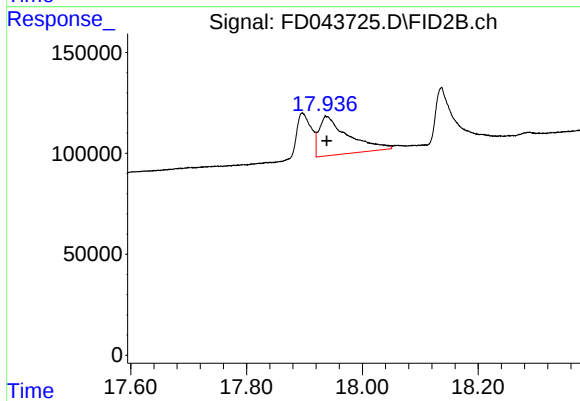
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.533 min
Delta R.T.: 0.000 min
Response: 719093
Conc: 4.96 ug/ml m



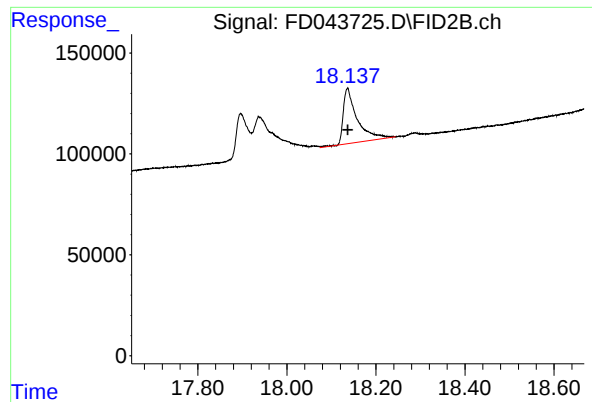
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: 0.000 min
Response: 386566
Conc: 3.74 ug/ml



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

R.T.: 17.939 min
Delta R.T.: 0.000 min
Response: 677832
Conc: 4.82 ug/ml



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

R.T.: 18.136 min
Delta R.T.: 0.000 min
Response: 599930
Conc: 4.71 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5