

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022725AR\
 Data File : FD049126.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 17:45
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 28 01:29:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.353	2728919	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
6) S 2-Fluorobiphenyl (SURR)	8.205	1647523	18.741 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.48%
11) S ortho-Terphenyl (SURR)	11.234	3139487	19.407 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	2992353	18.790 ug/ml
2) T Naphthalene (C11.7)	5.694	3031512	19.092 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3015137	19.366 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3001239	18.457 ug/ml
7) T Acenaphthene (C15.5)	8.297	3152302	19.162 ug/ml
8) T Flouorene (C16.55)	9.078	2966953	18.820 ug/ml
9) T Phenanthrene (C19.36)	10.465	2891028	19.184 ug/ml
10) T Anthracene (C19.43)	10.544	2348592	15.551 ug/ml
12) T Fluoranthene (C21.85)	12.268	2989893	19.375 ug/ml
13) T Pyrene (C20.8)	12.561	2994413	19.437 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2485881	18.920 ug/ml
15) T Chrysene (C27.41)	14.472	2805670	17.353 ug/ml
16) T benzo[b]fluoranthene ...	15.978	2629919	19.114 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	3133545	19.840 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	2394319	17.639 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.726	1822082	16.674 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	3259244	21.008 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2536810	17.501 ug/ml

(f)=RT Delta > 1/2 Window

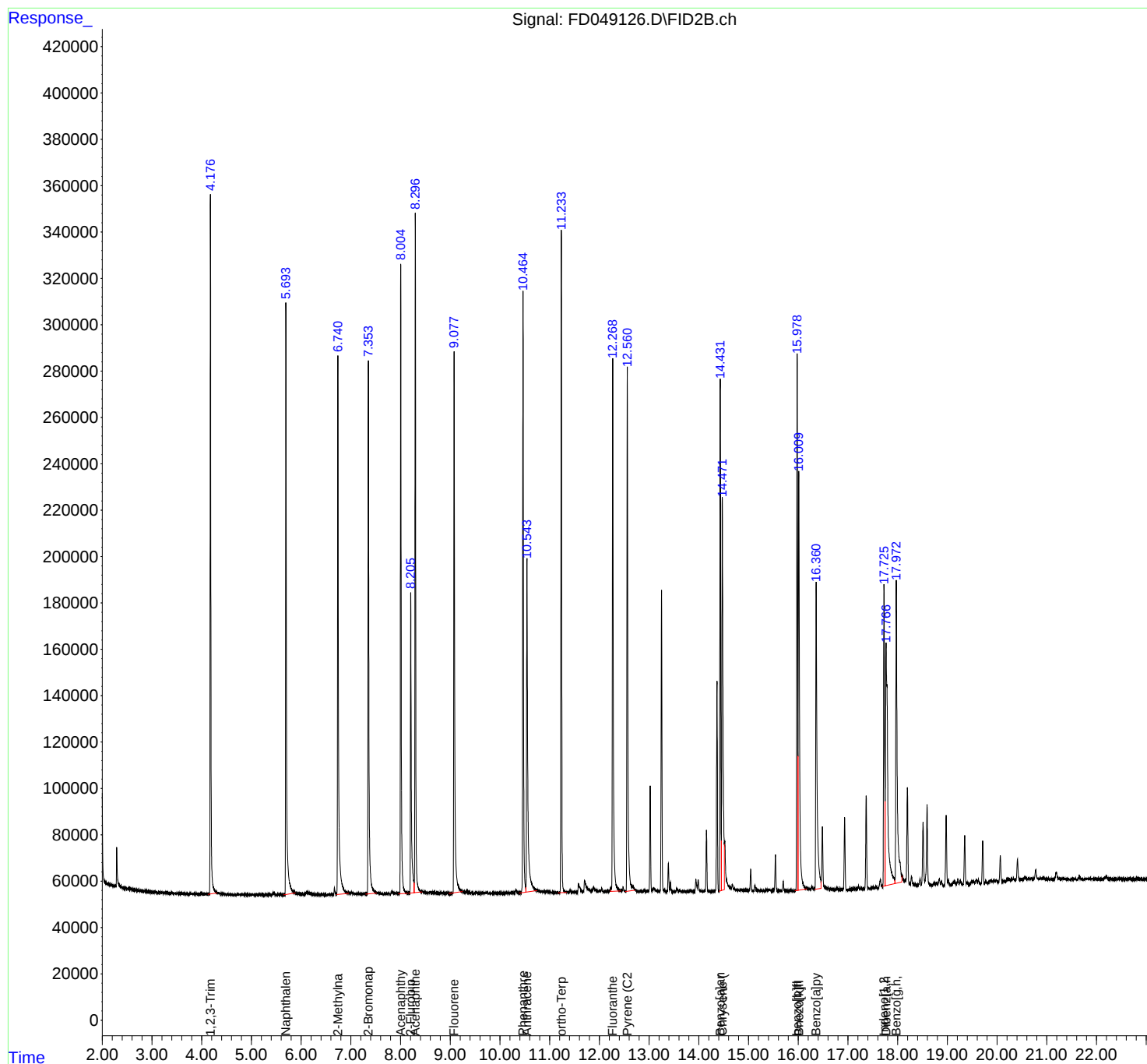
(m)=manual int.

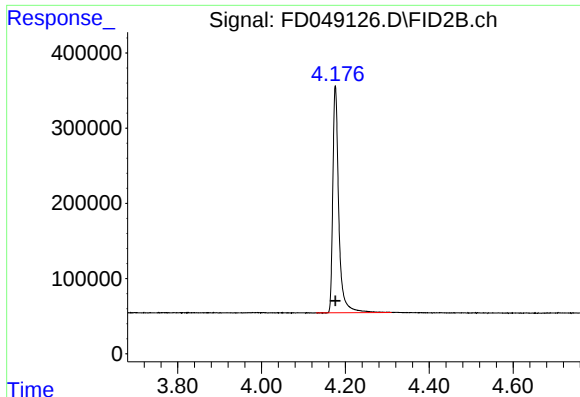
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022725AR\
Data File : FD049126.D
Signal(s) : FID2B.ch
Acq On : 27 Feb 2025 17:45
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :

Integration File: autoint1.e
Quant Time: Feb 28 01:29:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

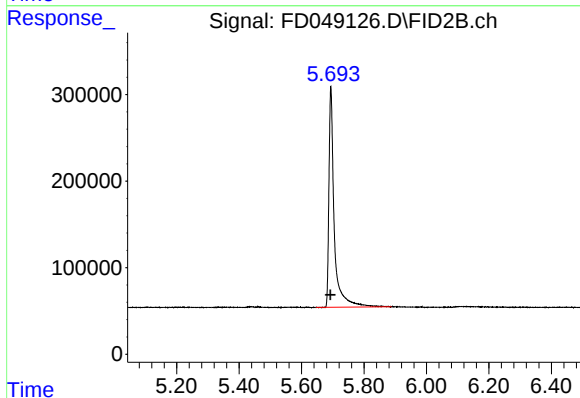




#1 1,2,3-Trimethylbenzene (C10.1)

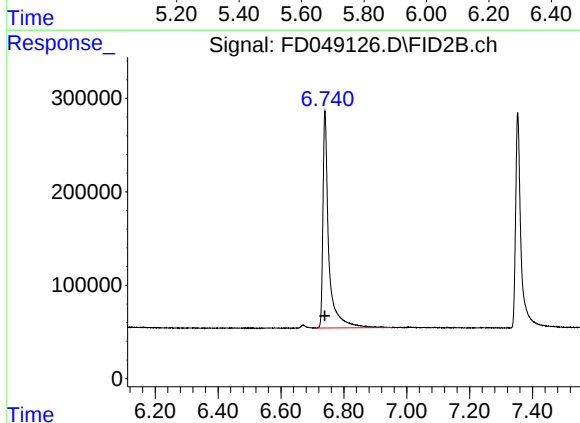
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 2992353
Conc: 18.79 ug/ml

Instrument :
FID_D
ClientSampleId :



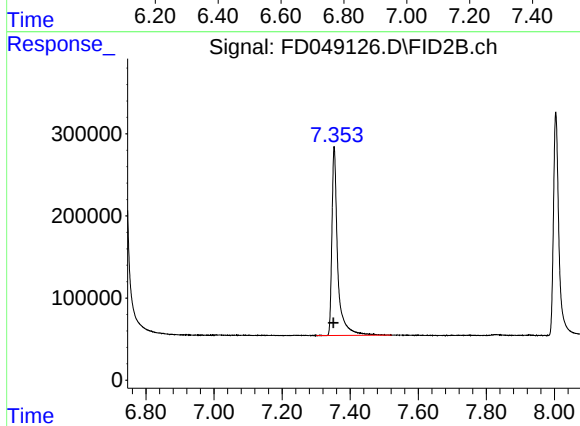
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 3031512
Conc: 19.09 ug/ml



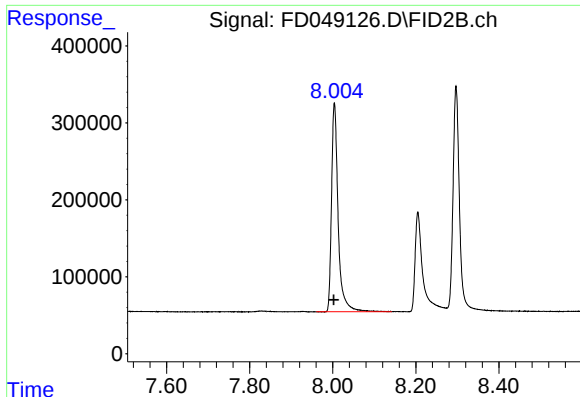
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.001 min
Response: 3015137
Conc: 19.37 ug/ml



#4 2-Bromonaphthalene (SURR)

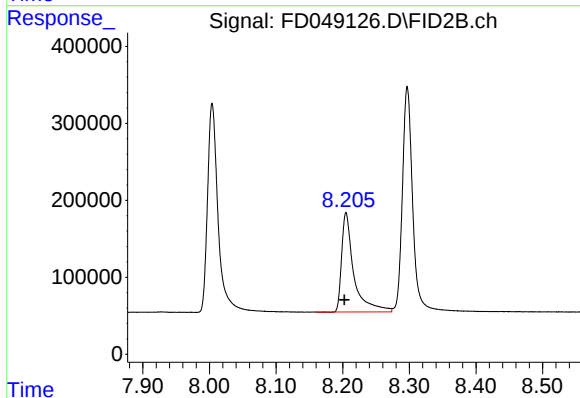
R.T.: 7.353 min
Delta R.T.: 0.002 min
Response: 2728919
Conc: 19.07 ug/ml



#5 Acenaphthylene (C15.06)

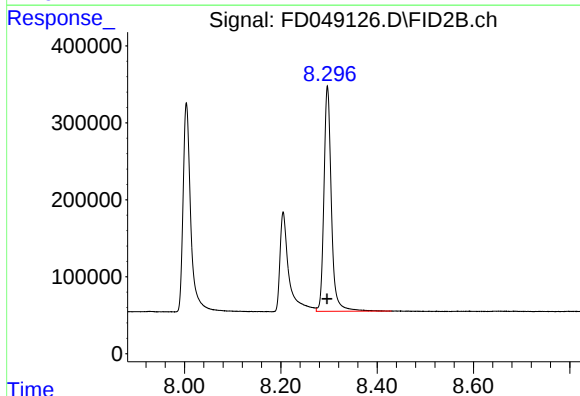
R.T.: 8.004 min
Delta R.T.: 0.001 min
Response: 3001239
Conc: 18.46 ug/ml

Instrument :
FID_D
ClientSampleId :



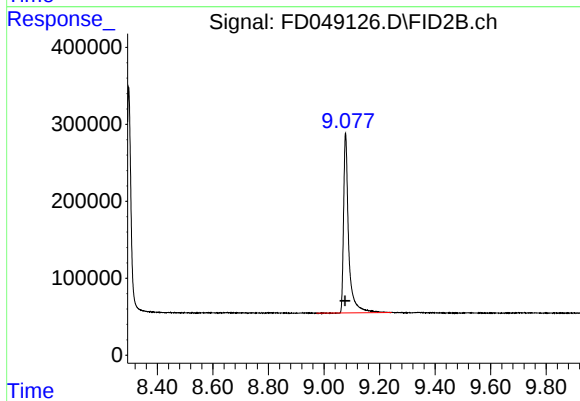
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.205 min
Delta R.T.: 0.003 min
Response: 1647523
Conc: 18.74 ug/ml



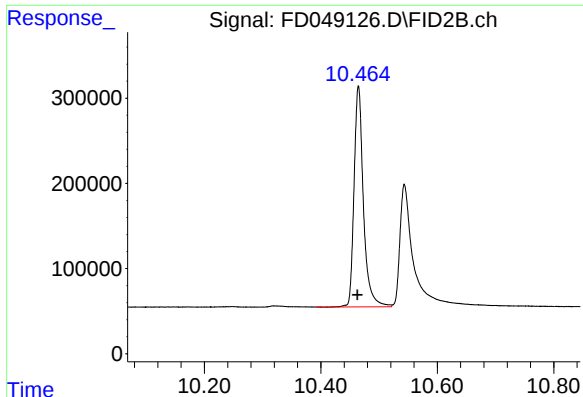
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 3152302
Conc: 19.16 ug/ml



#8 Fluorene (C16.55)

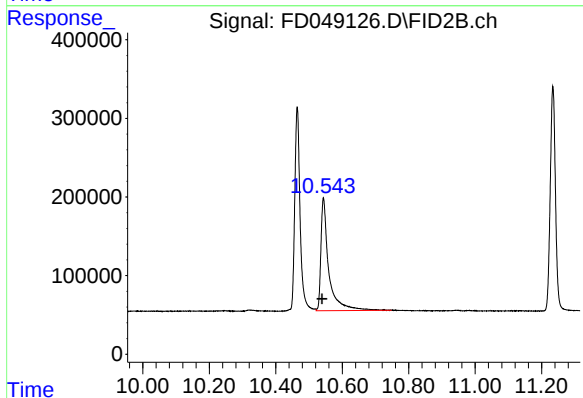
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 2966953
Conc: 18.82 ug/ml



#9 Phenanthrene (C19.36)

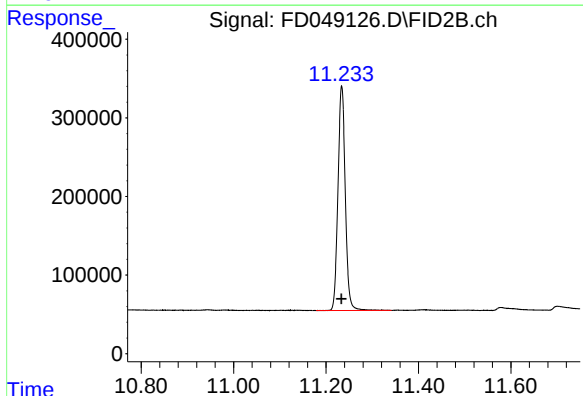
R.T.: 10.465 min
Delta R.T.: 0.002 min
Response: 2891028
Conc: 19.18 ug/ml

Instrument :
FID_D
ClientSampleId :



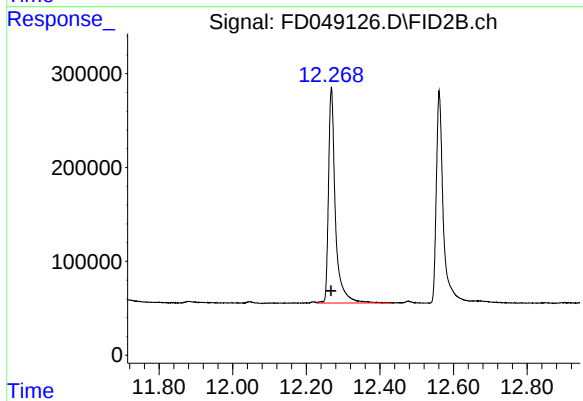
#10 Anthracene (C19.43)

R.T.: 10.544 min
Delta R.T.: 0.004 min
Response: 2348592
Conc: 15.55 ug/ml



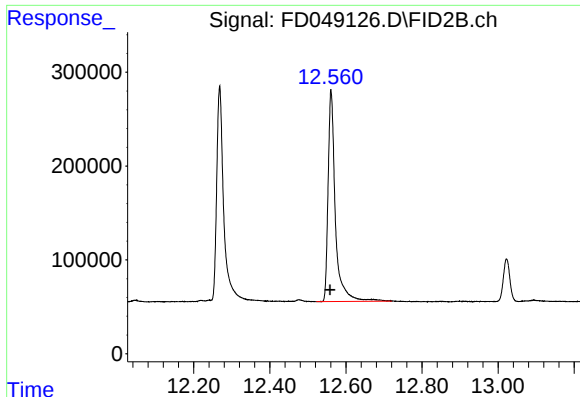
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 3139487
Conc: 19.41 ug/ml



#12 Fluoranthene (C21.85)

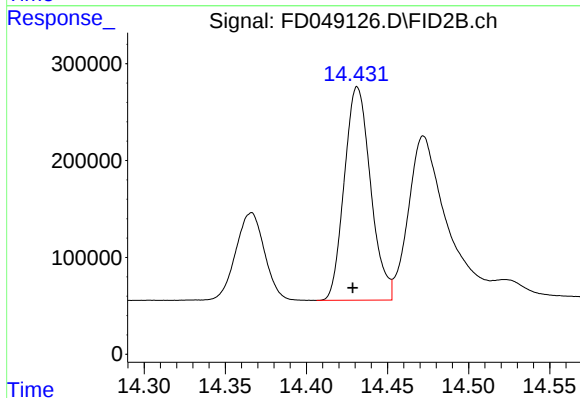
R.T.: 12.268 min
Delta R.T.: 0.001 min
Response: 2989893
Conc: 19.38 ug/ml



#13 Pyrene (C20.8)

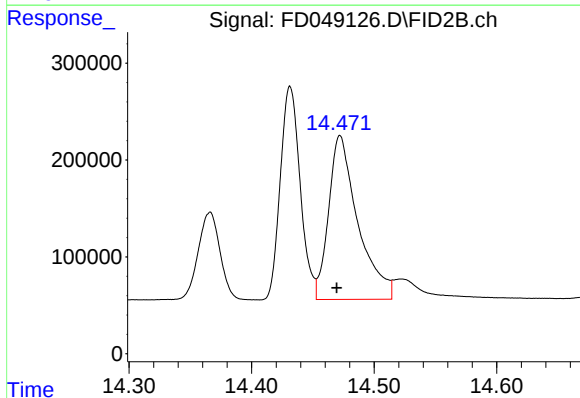
R.T.: 12.561 min
Delta R.T.: 0.003 min
Response: 2994413
Conc: 19.44 ug/ml

Instrument :
FID_D
ClientSampleId :



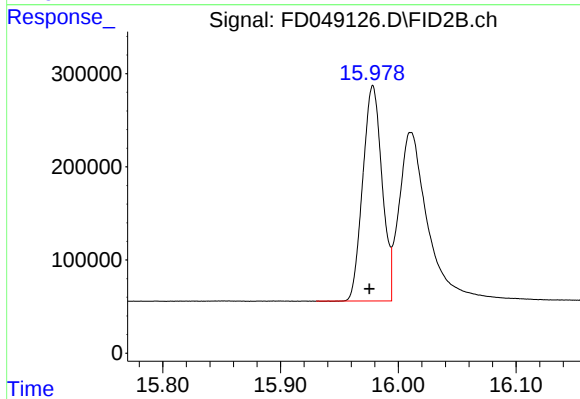
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.003 min
Response: 2485881
Conc: 18.92 ug/ml



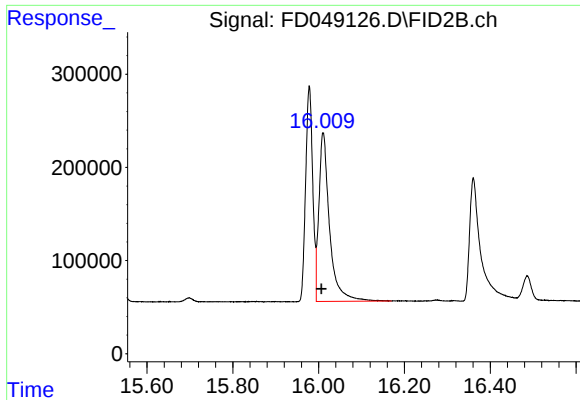
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.003 min
Response: 2805670
Conc: 17.35 ug/ml



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

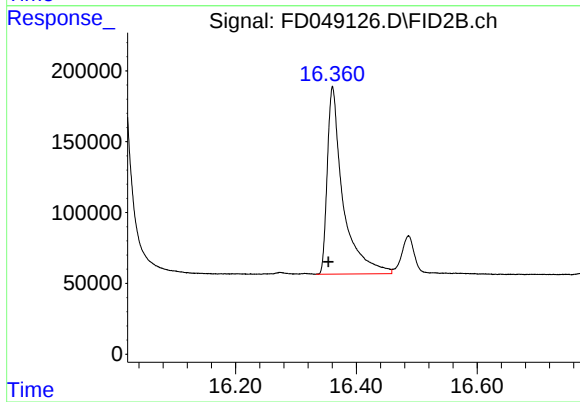
R.T.: 15.978 min
Delta R.T.: 0.003 min
Response: 2629919
Conc: 19.11 ug/ml



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

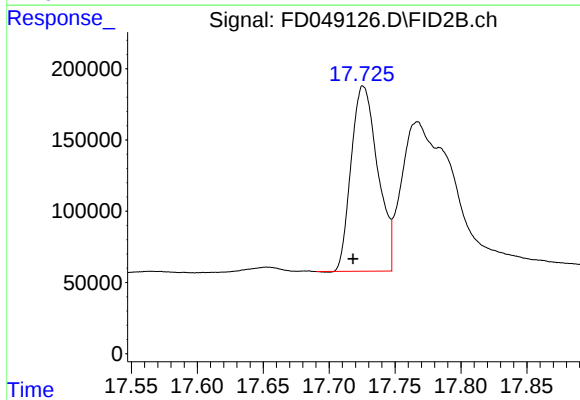
R.T.: 16.011 min
Delta R.T.: 0.005 min
Response: 3133545
Conc: 19.84 ug/ml

Instrument :
FID_D
ClientSampleId :



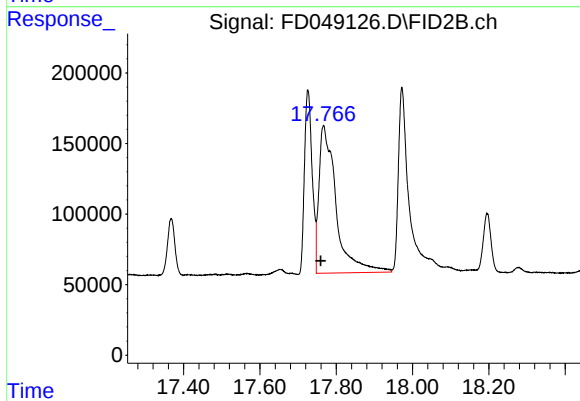
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: 0.007 min
Response: 2394319
Conc: 17.64 ug/ml



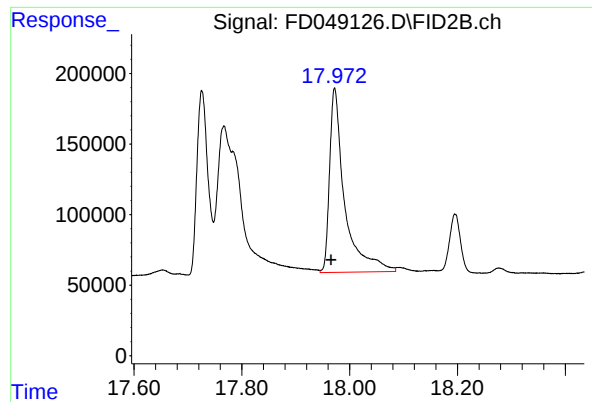
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.726 min
Delta R.T.: 0.008 min
Response: 1822082
Conc: 16.67 ug/ml



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

R.T.: 17.767 min
Delta R.T.: 0.008 min
Response: 3259244
Conc: 21.01 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.006 min
Response: 2536810
Conc: 17.50 ug/ml

Instrument :
FID_D
ClientSampleId :