

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040725AR\
 Data File : FD049235.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2025 18:08
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 08 05:16:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:14:19 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...	7.752	1560147	10.793 ug/ml
Spiked Amount 50.000		Recovery =	21.59%
6) S 2-Fluorobiphenyl (SURR)	8.619	1061115	10.585 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.17%
11) S ortho-Terphenyl (SURR)	11.661	1864734	10.735 ug/ml
Spiked Amount 50.000		Recovery =	21.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.544	1610580	11.019 ug/ml
2) T Naphthalene (C11.7)	6.090	1739642	10.910 ug/ml
3) T 2-Methylnaphthalene (...)	7.143	1704852	10.804 ug/ml
5) T Acenaphthylene (C15.06)	8.422	1868459	10.822 ug/ml
7) T Acenaphthene (C15.5)	8.717	1816321	10.777 ug/ml
8) T Flouorene (C16.55)	9.498	1825557	10.659 ug/ml
9) T Phenanthrene (C19.36)	10.896	1804994	10.590 ug/ml
10) T Anthracene (C19.43)	10.971	1640438	10.498 ug/ml
12) T Fluoranthene (C21.85)	12.709	1801364	10.652 ug/ml
13) T Pyrene (C20.8)	13.007	1795399	10.730 ug/ml
14) T Benzo[a]anthracene (C...	14.875	1519209	10.524 ug/ml
15) T Chrysene (C27.41)	14.917	1529224	10.558 ug/ml
16) T benzo[b]fluoranthene ...	16.424	1472368	10.592 ug/ml
17) T Bnezo[k]fluoranthene ...	16.455	1451197	10.583 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.802	1379540	10.624 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.164	1290021	10.584 ug/ml
20) T Dibenz[a,h]anthracene...	18.204	1354099	10.672 ug/ml
21) T Benzo[g,h,i]perylene ...	18.419	1382478	10.630 ug/ml

(f)=RT Delta > 1/2 Window

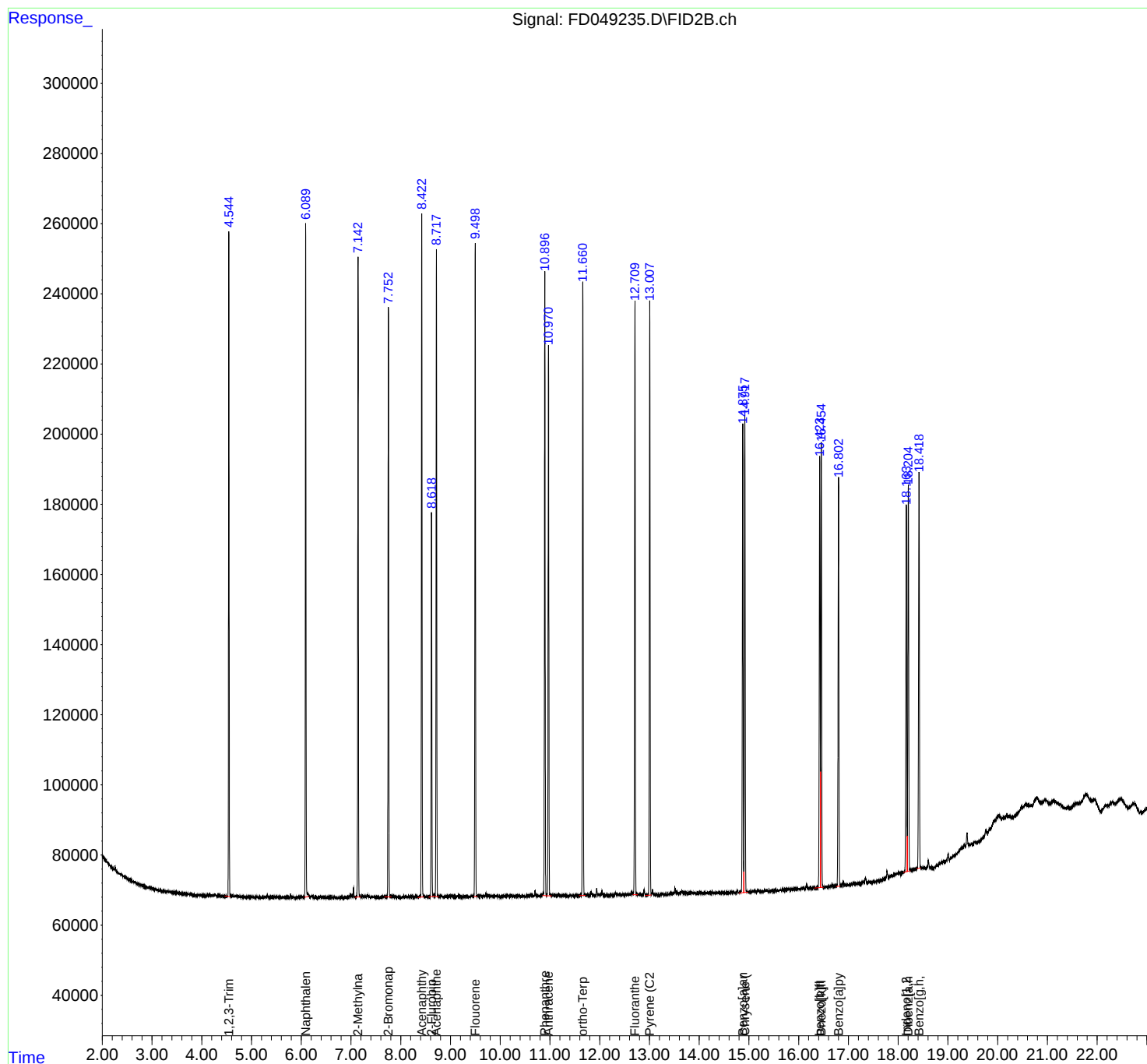
(m)=manual int.

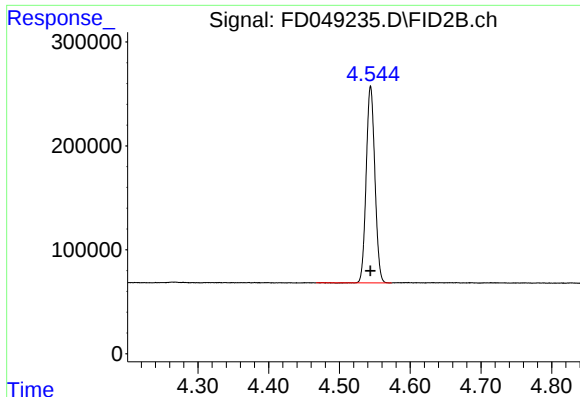
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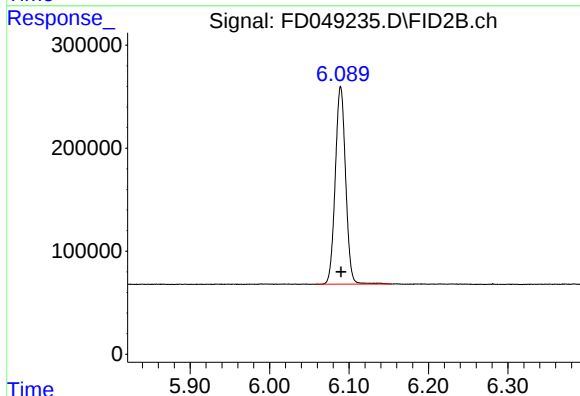




#1 1,2,3-Trimethylbenzene (C10.1)

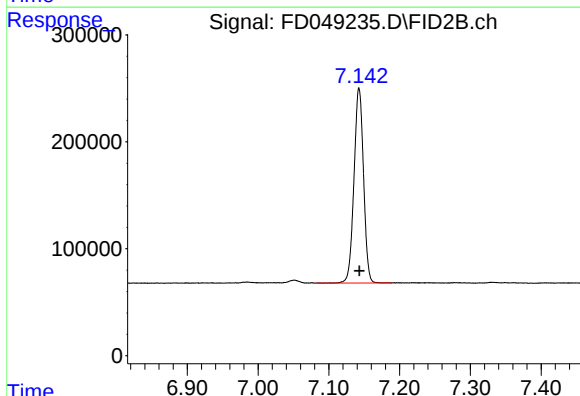
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 1610580
Conc: 11.02 ug/ml

Instrument :
FID_D
ClientSampleId :



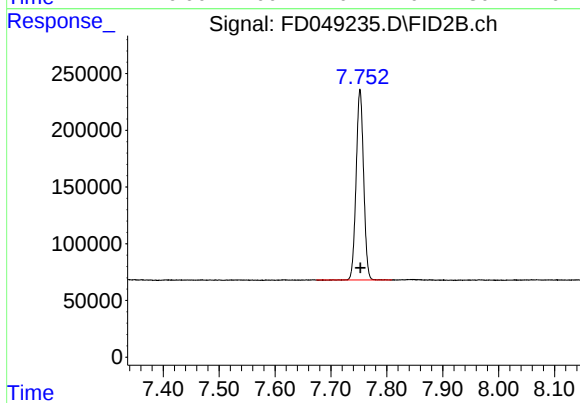
#2 Naphthalene (C11.7)

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 1739642
Conc: 10.91 ug/ml



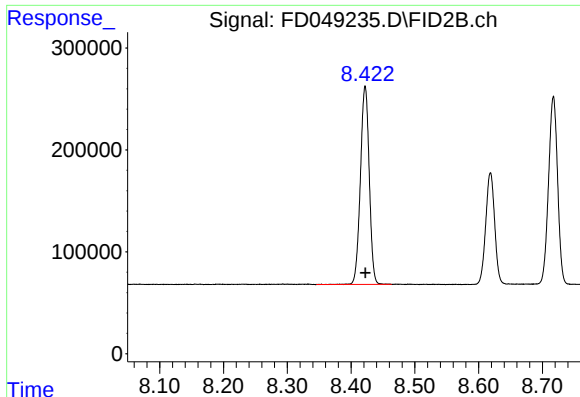
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 1704852
Conc: 10.80 ug/ml



#4 2-Bromonaphthalene (SURR)

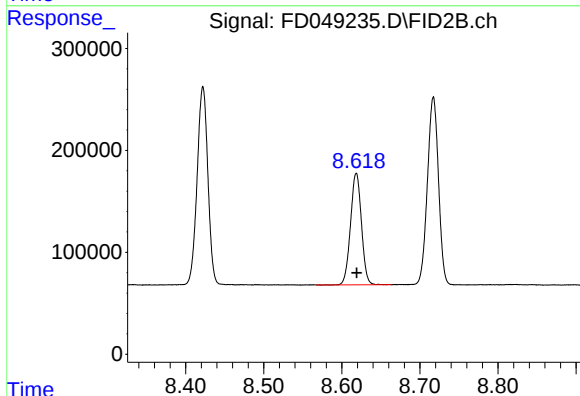
R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 1560147
Conc: 10.79 ug/ml



#5 Acenaphthylene (C15.06)

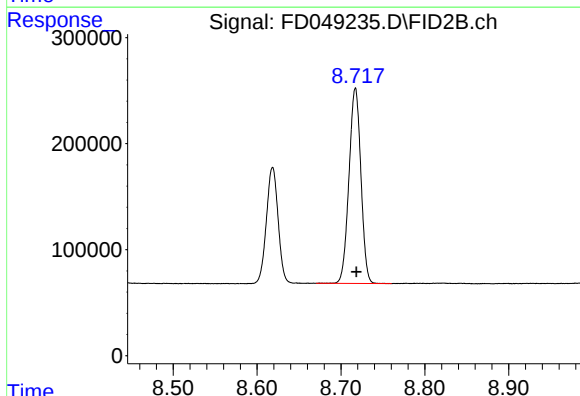
R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 1868459
Conc: 10.82 ug/ml

Instrument :
FID_D
ClientSampleId :



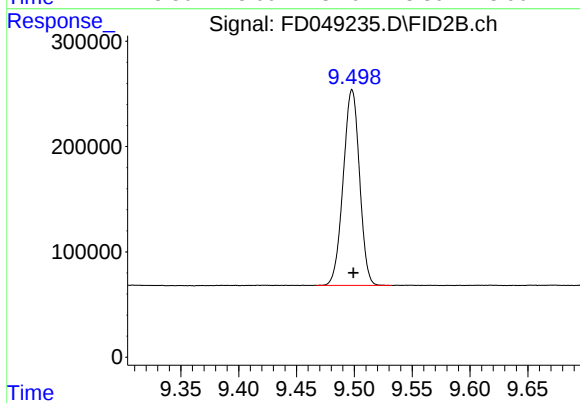
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 1061115
Conc: 10.58 ug/ml



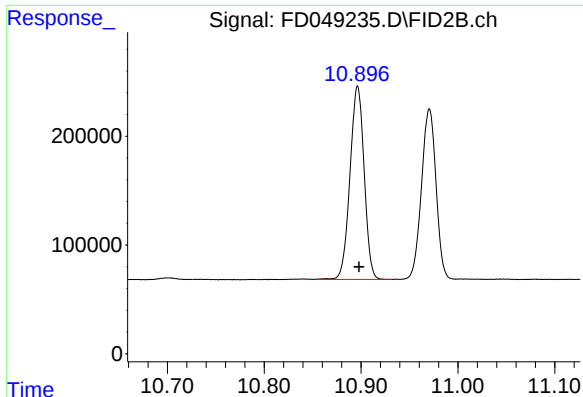
#7 Acenaphthene (C15.5)

R.T.: 8.717 min
Delta R.T.: -0.001 min
Response: 1816321
Conc: 10.78 ug/ml



#8 Flouorene (C16.55)

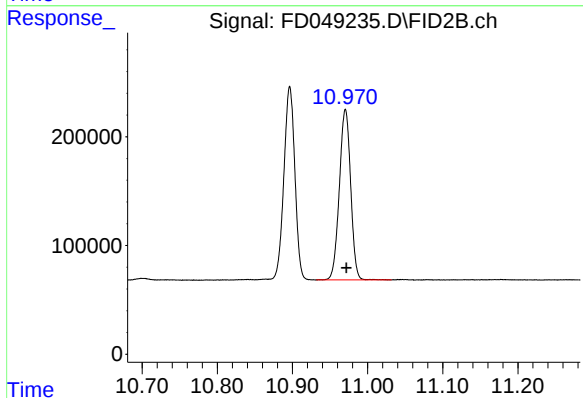
R.T.: 9.498 min
Delta R.T.: -0.001 min
Response: 1825557
Conc: 10.66 ug/ml



#9 Phenanthrene (C19.36)

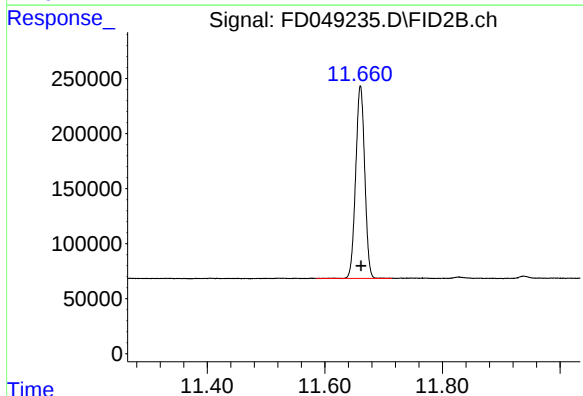
R.T.: 10.896 min
Delta R.T.: -0.001 min
Response: 1804994
Conc: 10.59 ug/ml

Instrument :
FID_D
ClientSampleId :



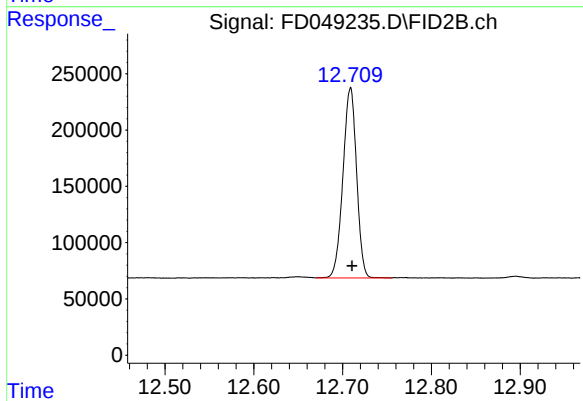
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.002 min
Response: 1640438
Conc: 10.50 ug/ml



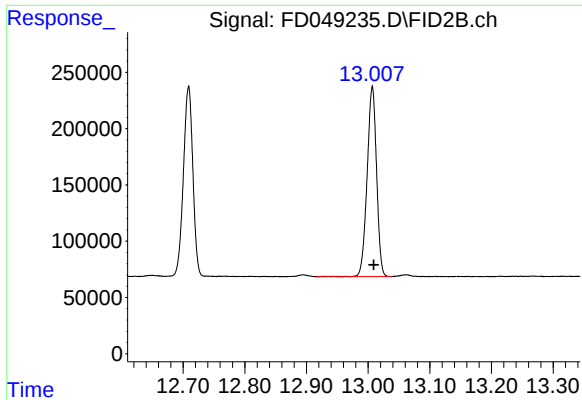
#11 ortho-Terphenyl (SURR)

R.T.: 11.661 min
Delta R.T.: -0.001 min
Response: 1864734
Conc: 10.73 ug/ml



#12 Fluoranthene (C21.85)

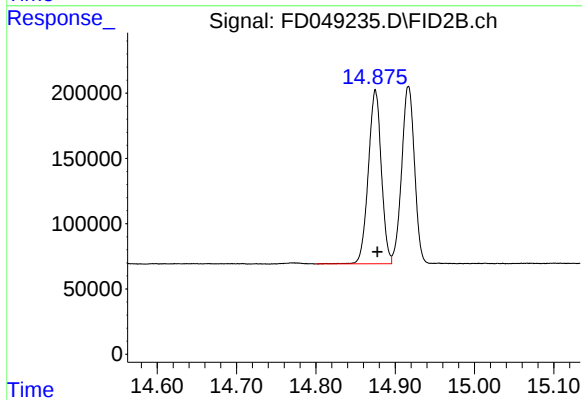
R.T.: 12.709 min
Delta R.T.: -0.002 min
Response: 1801364
Conc: 10.65 ug/ml



#13 Pyrene (C20.8)

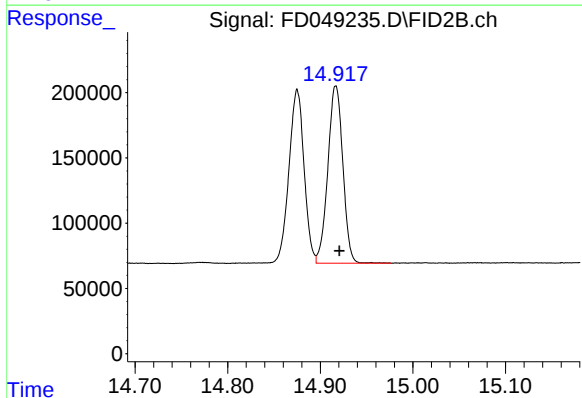
R.T.: 13.007 min
Delta R.T.: -0.002 min
Response: 1795399
Conc: 10.73 ug/ml

Instrument :
FID_D
ClientSampleId :



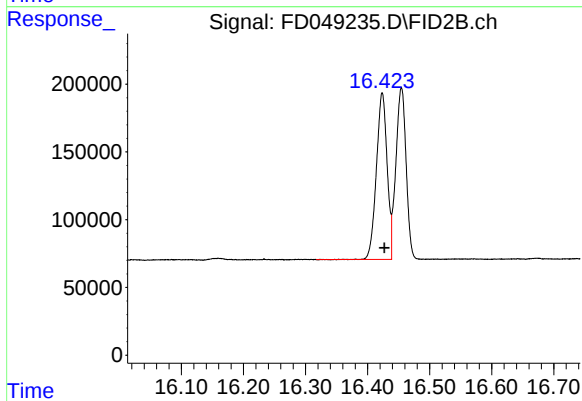
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.875 min
Delta R.T.: -0.003 min
Response: 1519209
Conc: 10.52 ug/ml



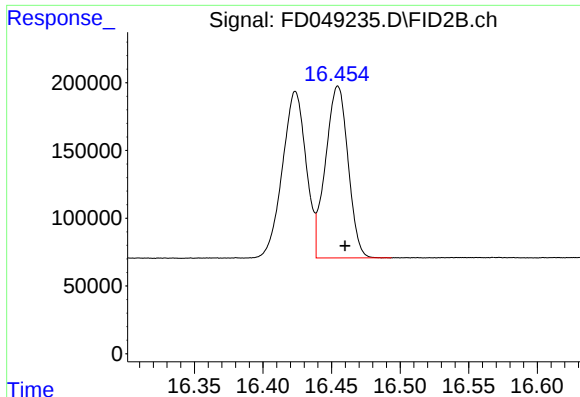
#15 Chrysene (C27.41)

R.T.: 14.917 min
Delta R.T.: -0.004 min
Response: 1529224
Conc: 10.56 ug/ml



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

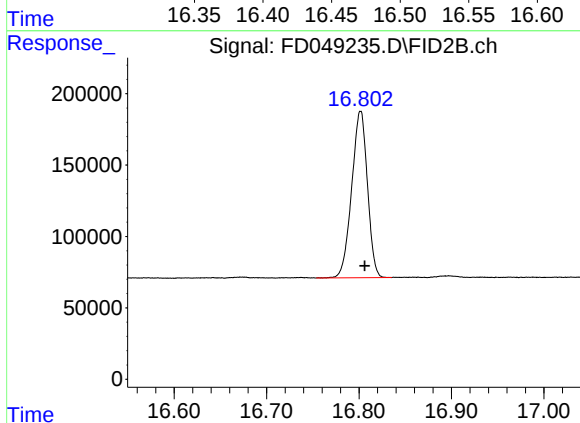
R.T.: 16.424 min
Delta R.T.: -0.004 min
Response: 1472368
Conc: 10.59 ug/ml



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

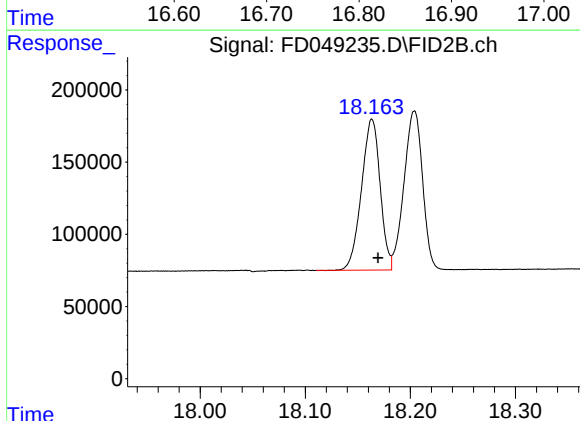
R.T.: 16.455 min
Delta R.T.: -0.005 min
Response: 1451197
Conc: 10.58 ug/ml

Instrument :
FID_D
ClientSampleId :



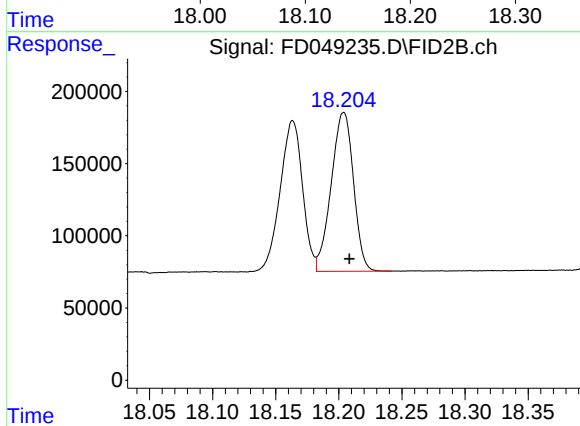
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.802 min
Delta R.T.: -0.005 min
Response: 1379540
Conc: 10.62 ug/ml



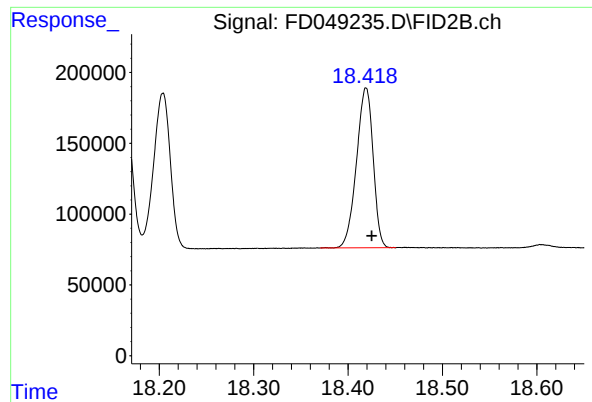
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.164 min
Delta R.T.: -0.006 min
Response: 1290021
Conc: 10.58 ug/ml



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

R.T.: 18.204 min
Delta R.T.: -0.005 min
Response: 1354099
Conc: 10.67 ug/ml



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

R.T.: 18.419 min
Delta R.T.: -0.006 min
Response: 1382478
Conc: 10.63 ug/ml

Instrument :

FID_D

ClientSampleId :