

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
 Data File : FD049542.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2025 12:05
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 12:31:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:31:43 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...	7.731	630984	4.823 ug/ml
Spiked Amount 50.000		Recovery =	9.65%
6) S 2-Fluorobiphenyl (SURR)	8.596	444887	4.801 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.60%
11) S ortho-Terphenyl (SURR)	11.639	806734	4.920 ug/ml
Spiked Amount 50.000		Recovery =	9.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	631555	4.889 ug/ml
2) T Naphthalene (C11.7)	6.069	707076	4.831 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	731156	4.815 ug/ml
5) T Acenaphthylene (C15.06)	8.399	770713	4.855 ug/ml
7) T Acenaphthene (C15.5)	8.694	768316	4.853 ug/ml
8) T Flouorene (C16.55)	9.475	775858	4.857 ug/ml
9) T Phenanthrene (C19.36)	10.872	793351	4.843 ug/ml
10) T Anthracene (C19.43)	10.946	761259	4.779 ug/ml
12) T Fluoranthene (C21.85)	12.685	786676	4.840 ug/ml
13) T Pyrene (C20.8)	12.982	787103	4.850 ug/ml
14) T Benzo[a]anthracene (C...	14.853	693980	4.739 ug/ml
15) T Chrysene (C27.41)	14.894	717861	4.824 ug/ml
16) T benzo[b]fluoranthene ...	16.401	683719	4.825 ug/ml
17) T Bnezo[k]fluoranthene ...	16.433	653067	4.885 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.779	667040	4.845 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.142	611265	4.880 ug/ml
20) T Dibenz[a,h]anthracene...	18.184	688571	5.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.395	657514	4.968 ug/ml

(f)=RT Delta > 1/2 Window

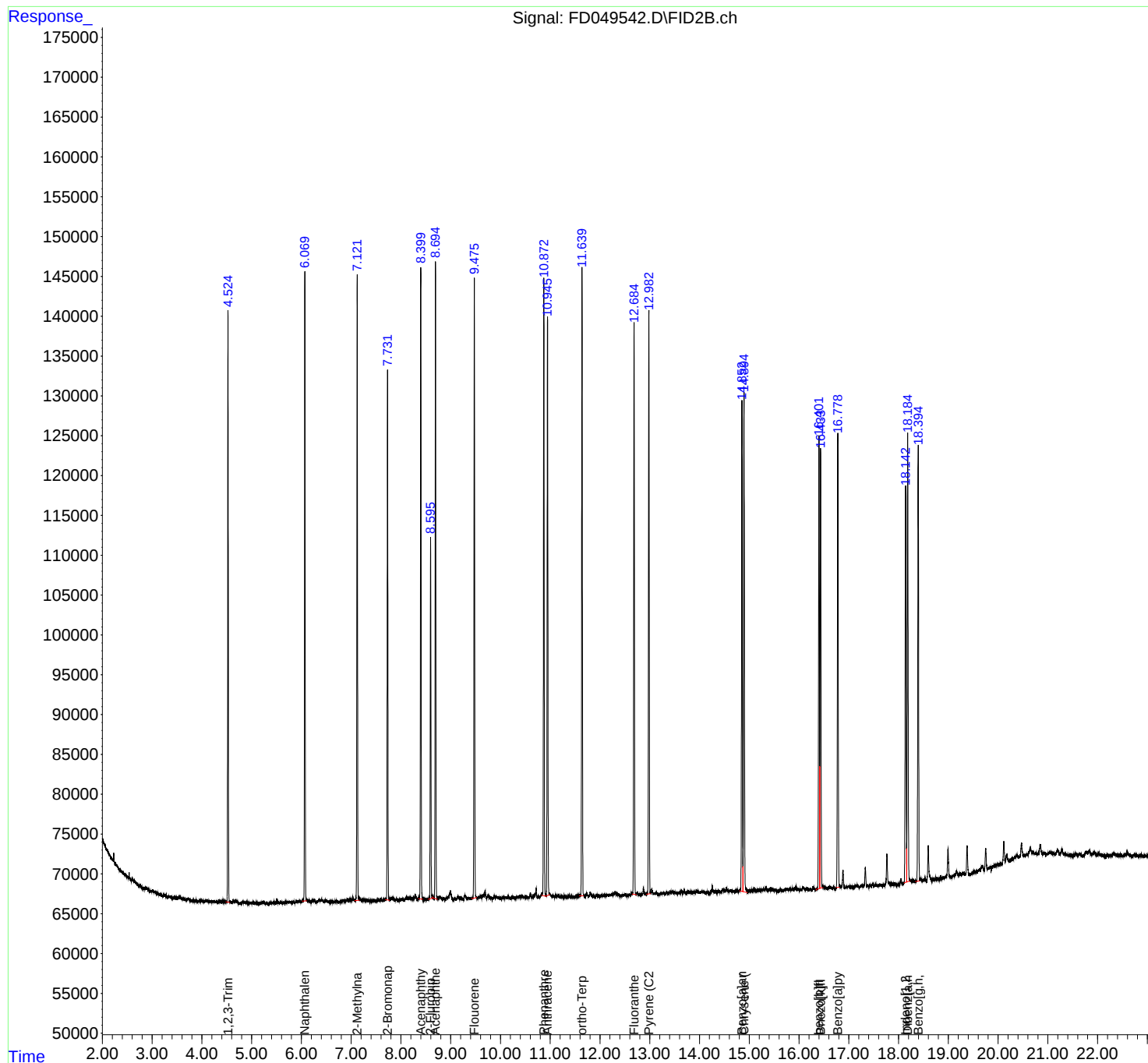
(m)=manual int.

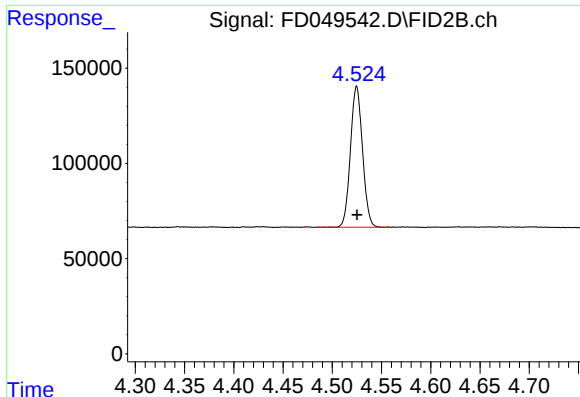
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
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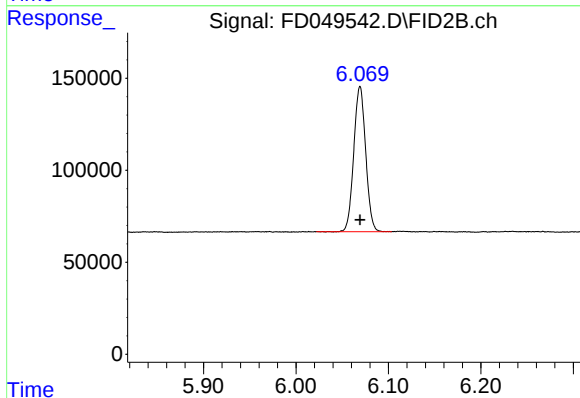




#1 1,2,3-Trimethylbenzene (C10.1)

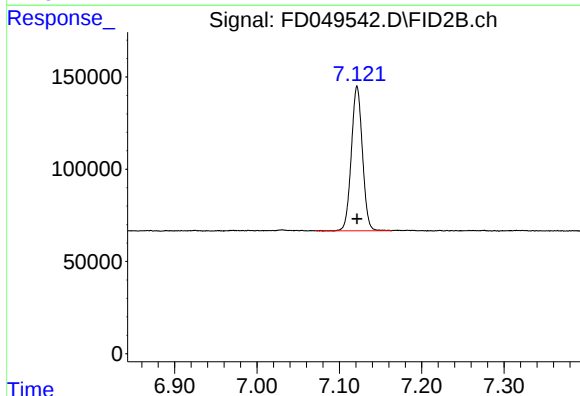
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 631555
Conc: 4.89 ug/ml

Instrument :
FID_D
ClientSampleId :



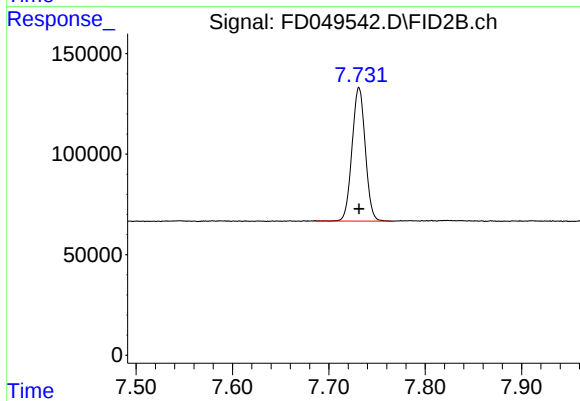
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 707076
Conc: 4.83 ug/ml



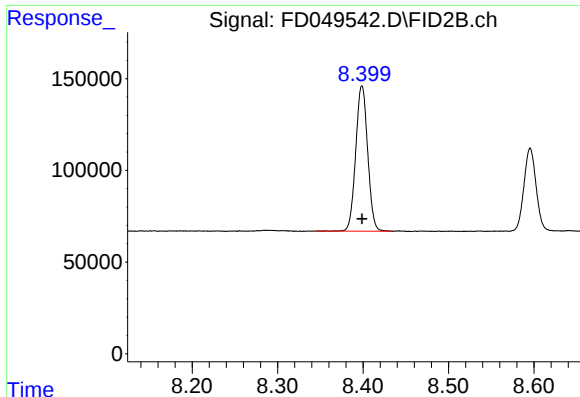
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 731156
Conc: 4.81 ug/ml



#4 2-Bromonaphthalene (SURR)

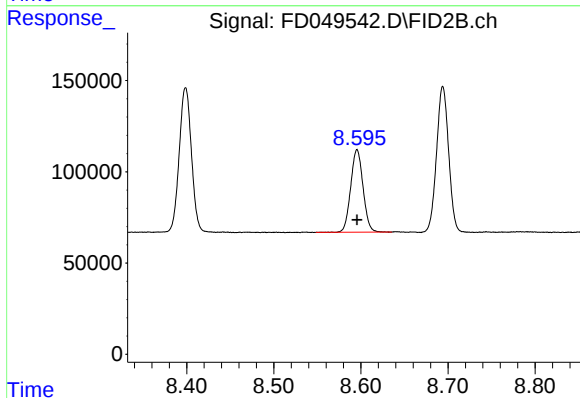
R.T.: 7.731 min
Delta R.T.: 0.000 min
Response: 630984
Conc: 4.82 ug/ml



#5 Acenaphthylene (C15.06)

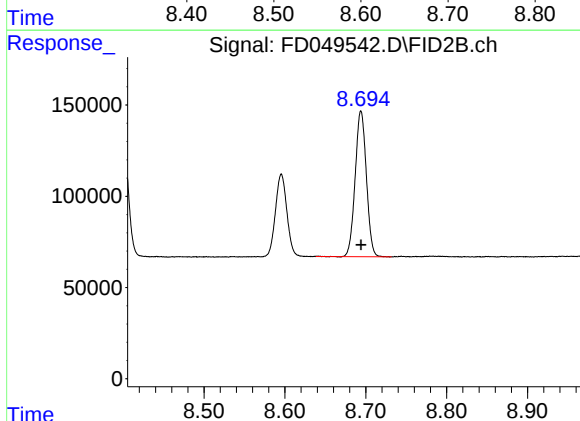
R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 770713
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :



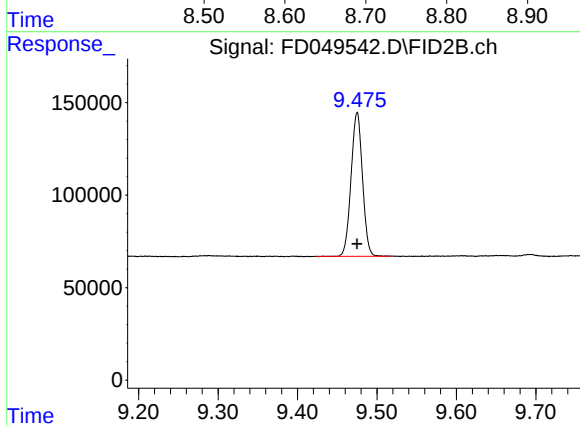
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 444887
Conc: 4.80 ug/ml



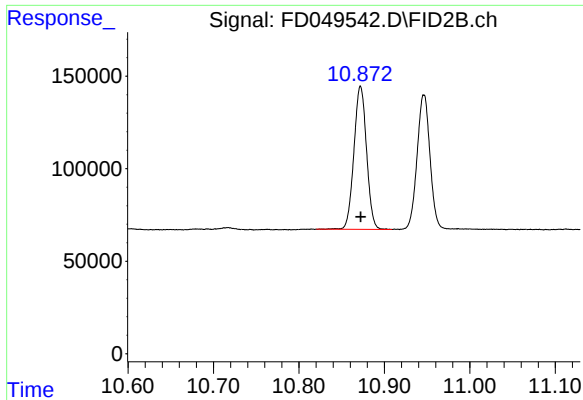
#7 Acenaphthene (C15.5)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 768316
Conc: 4.85 ug/ml



#8 Flouorene (C16.55)

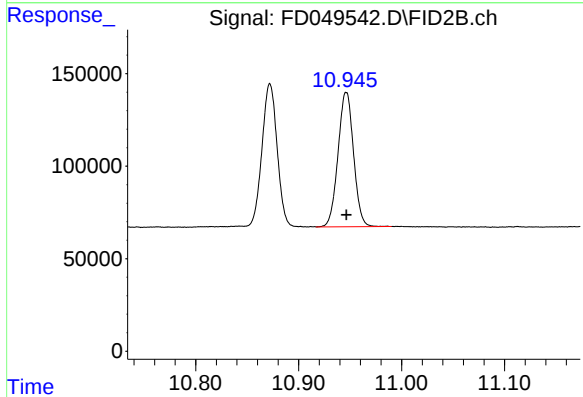
R.T.: 9.475 min
Delta R.T.: 0.000 min
Response: 775858
Conc: 4.86 ug/ml



#9 Phenanthrene (C19.36)

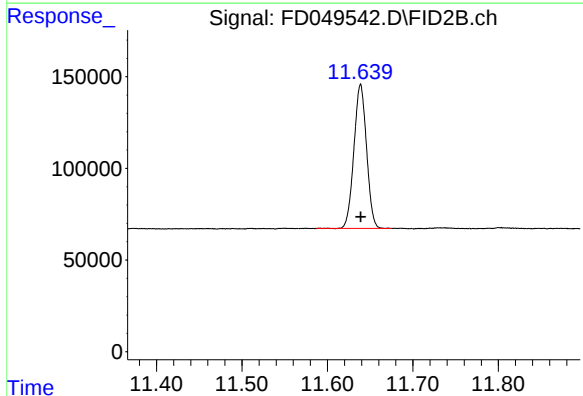
R.T.: 10.872 min
Delta R.T.: 0.000 min
Response: 793351
Conc: 4.84 ug/ml

Instrument :
FID_D
ClientSampleId :



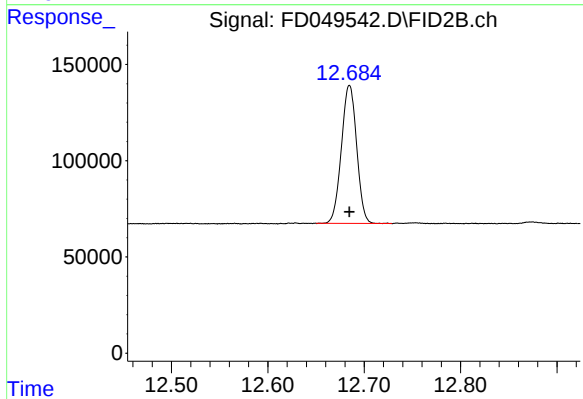
#10 Anthracene (C19.43)

R.T.: 10.946 min
Delta R.T.: 0.000 min
Response: 761259
Conc: 4.78 ug/ml



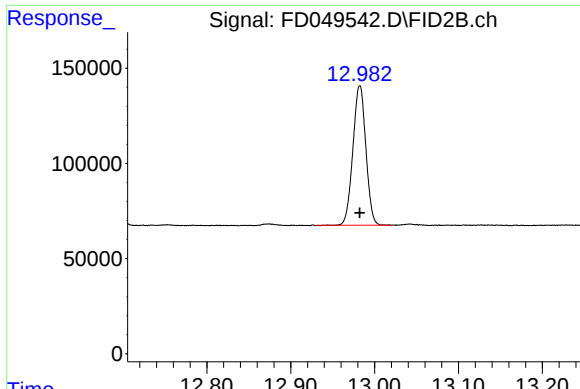
#11 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 806734
Conc: 4.92 ug/ml



#12 Fluoranthene (C21.85)

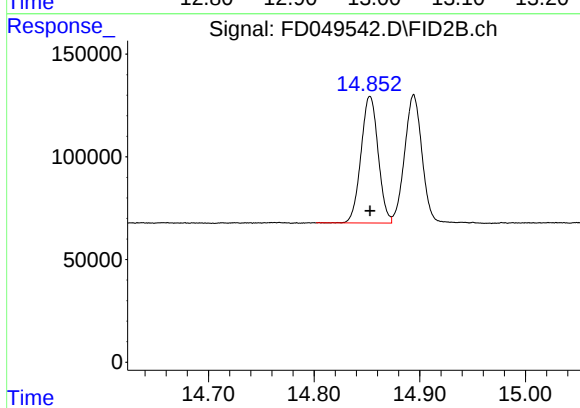
R.T.: 12.685 min
Delta R.T.: 0.000 min
Response: 786676
Conc: 4.84 ug/ml



#13 Pyrene (C20.8)

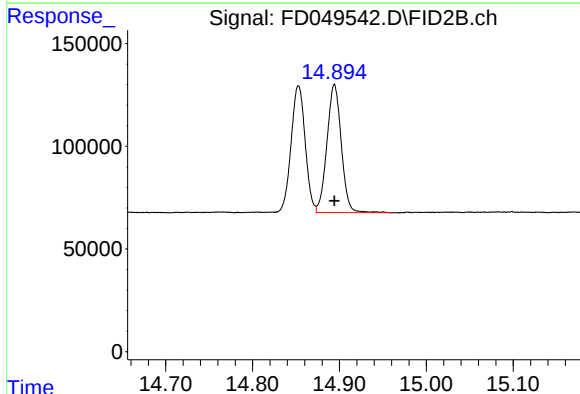
R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 787103
Conc: 4.85 ug/ml

Instrument :
FID_D
ClientSampleId :



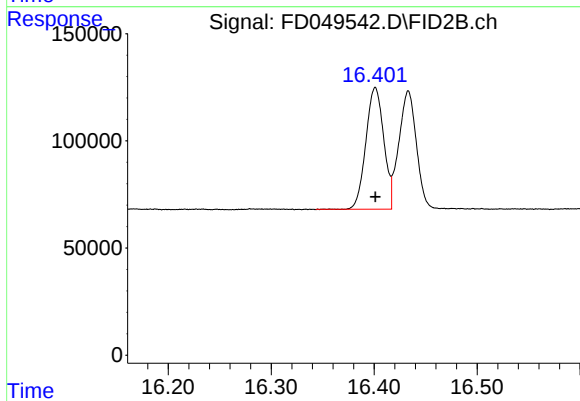
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.853 min
Delta R.T.: 0.000 min
Response: 693980
Conc: 4.74 ug/ml



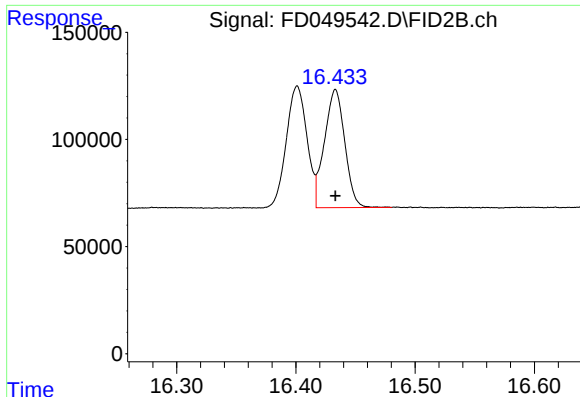
#15 Chrysene (C27.41)

R.T.: 14.894 min
Delta R.T.: 0.000 min
Response: 717861
Conc: 4.82 ug/ml



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

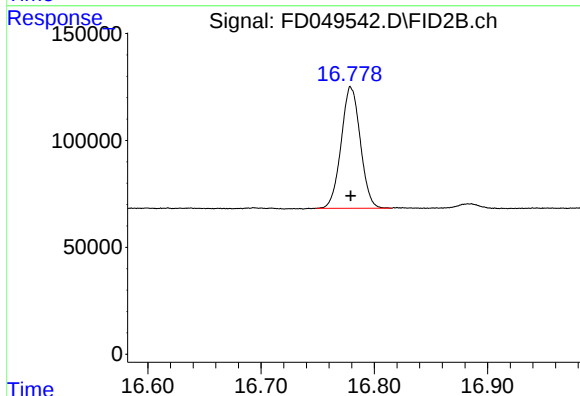
R.T.: 16.401 min
Delta R.T.: 0.000 min
Response: 683719
Conc: 4.83 ug/ml



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

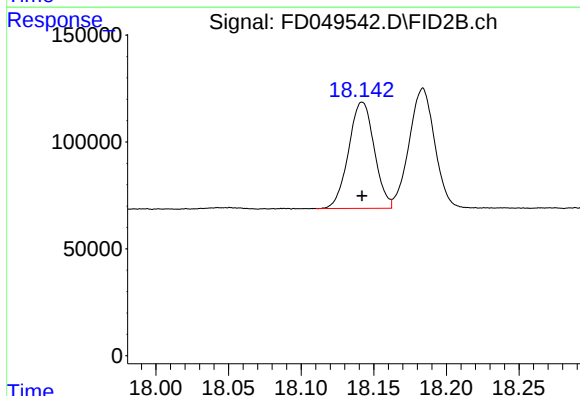
R.T.: 16.433 min
Delta R.T.: 0.000 min
Response: 653067
Conc: 4.89 ug/ml

Instrument :
FID_D
ClientSampleId :



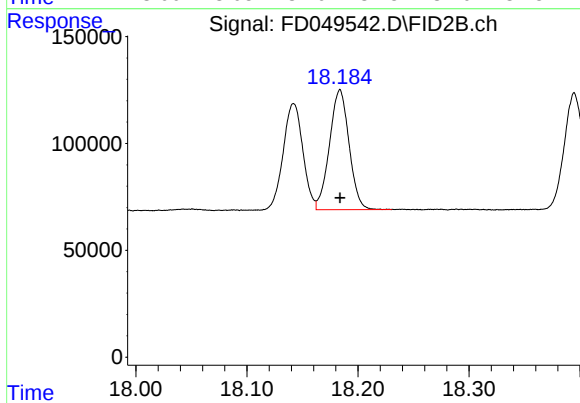
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.779 min
Delta R.T.: 0.000 min
Response: 667040
Conc: 4.84 ug/ml



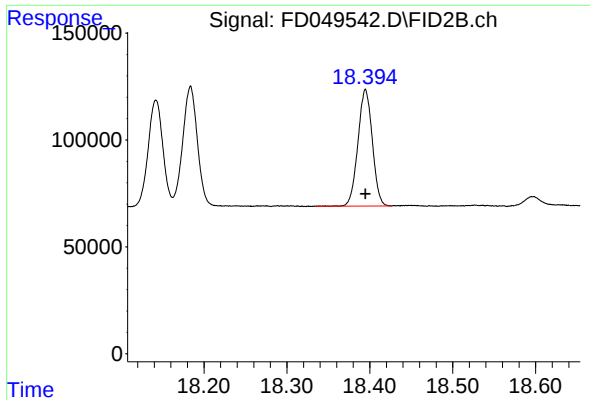
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.142 min
Delta R.T.: 0.000 min
Response: 611265
Conc: 4.88 ug/ml



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

R.T.: 18.184 min
Delta R.T.: 0.000 min
Response: 688571
Conc: 5.23 ug/ml



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

R.T.: 18.395 min
Delta R.T.: 0.000 min
Response: 657514
Conc: 4.97 ug/ml

Instrument :
FID_D
ClientSampleId :