

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092225AR\
 Data File : FD049740.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 16:13
 Operator : YP/AJ
 Sample : PB169768BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 23 02:03:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.697	4054319	36.050 ug/ml
Spiked Amount 50.000		Recovery =	72.10%
6) S 2-Fluorobiphenyl (SURR)	8.561	2837945	35.354 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.71%
11) S ortho-Terphenyl (SURR)	11.610	5708857	40.351 ug/ml
Spiked Amount 50.000		Recovery =	80.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	3255187	30.210 ug/ml
2) T Naphthalene (C11.7)	6.031	4023916	32.357 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4019883	30.843 ug/ml
5) T Acenaphthylene (C15.06)	8.365	4850159	34.984 ug/ml
7) T Acenaphthene (C15.5)	8.662	4912153	35.435 ug/ml
8) T Flouorene (C16.55)	9.444	5279710	38.062 ug/ml
9) T Phenanthrene (C19.36)	10.842	5589402	40.124 ug/ml
10) T Anthracene (C19.43)	10.918	5307767	40.198 ug/ml
12) T Fluoranthene (C21.85)	12.658	5757029	42.749 ug/ml
13) T Pyrene (C20.8)	12.956	5799293	43.596 ug/ml
14) T Benzo[a]anthracene (C...	14.828	5341348	44.666 ug/ml
15) T Chrysene (C27.41)	14.873	5854184	48.122 ug/ml
16) T benzo[b]fluoranthene ...	16.380	5228037	43.615 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	5164032	45.831 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.760	5030027	42.865 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.126	5170476	47.527 ug/ml
20) T Dibenz[a,h]anthracene...	18.165	4752615	41.708 ug/ml
21) T Benzo[g,h,i]perylene ...	18.382	4626684	39.763 ug/ml

(f)=RT Delta > 1/2 Window

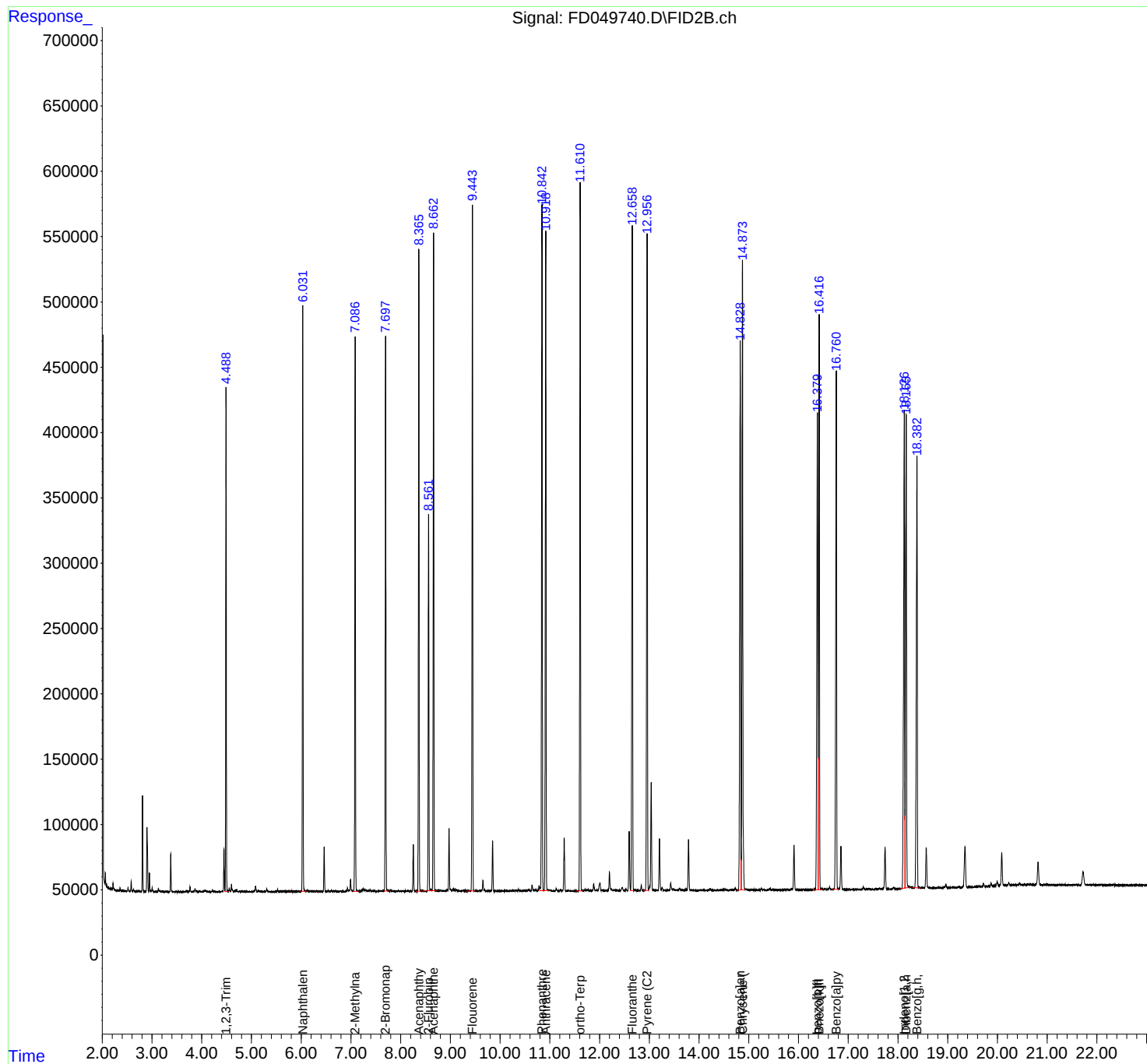
(m)=manual int.

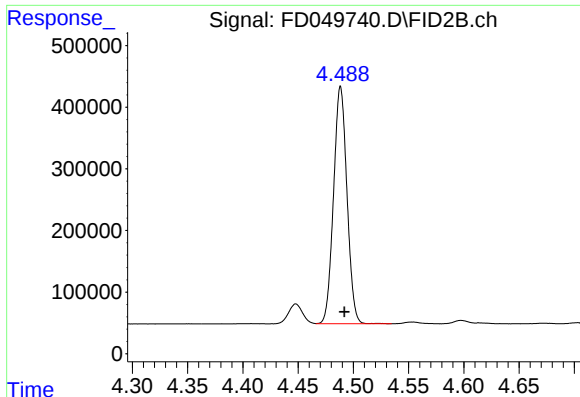
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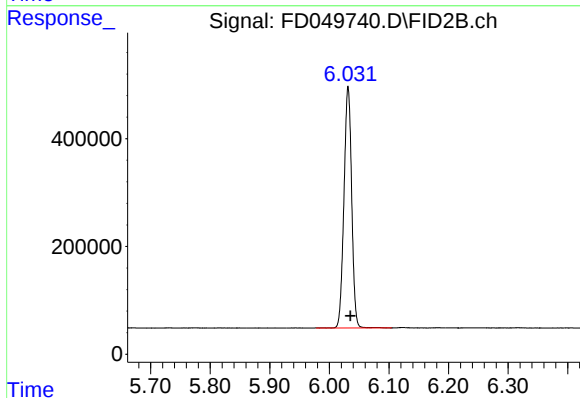




#1 1,2,3-Trimethylbenzene (C10.1)

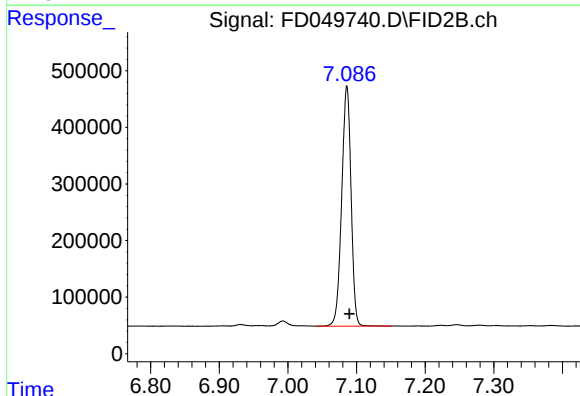
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 3255187
Conc: 30.21 ug/ml

Instrument :
FID_F
ClientSampleId :



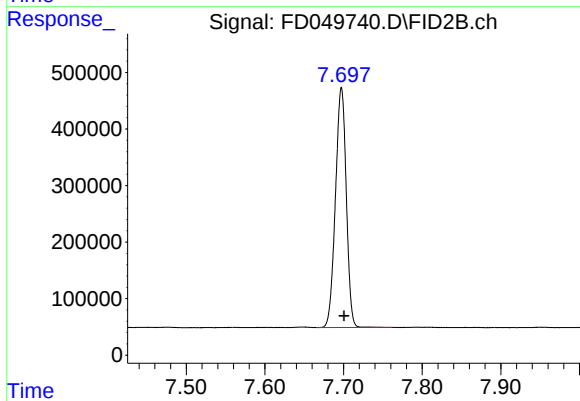
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 4023916
Conc: 32.36 ug/ml



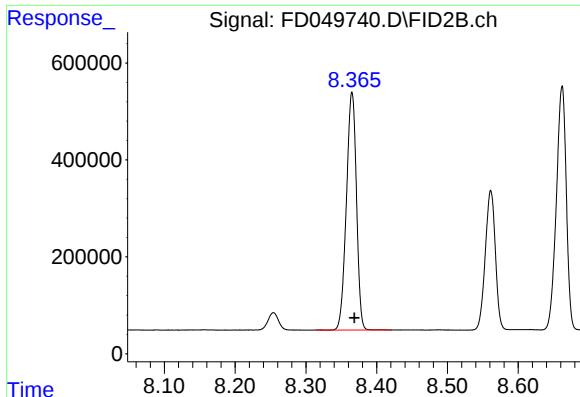
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 4019883
Conc: 30.84 ug/ml



#4 2-Bromonaphthalene (SURR)

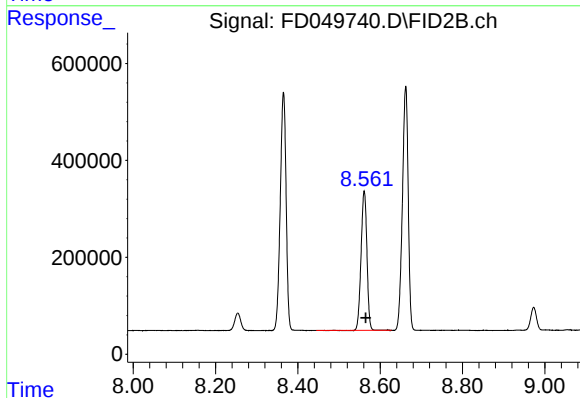
R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 4054319
Conc: 36.05 ug/ml



#5 Acenaphthylene (C15.06)

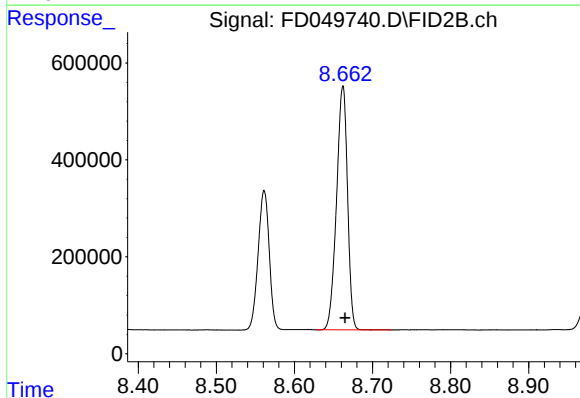
R.T.: 8.365 min
Delta R.T.: -0.004 min
Response: 4850159
Conc: 34.98 ug/ml

Instrument :
FID_F
ClientSampleId :



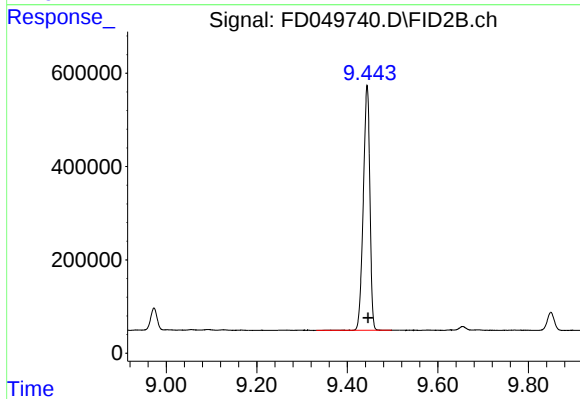
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 2837945
Conc: 35.35 ug/ml



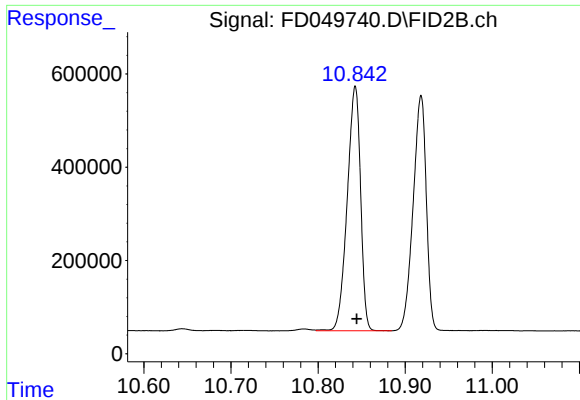
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 4912153
Conc: 35.44 ug/ml



#8 Fluorene (C16.55)

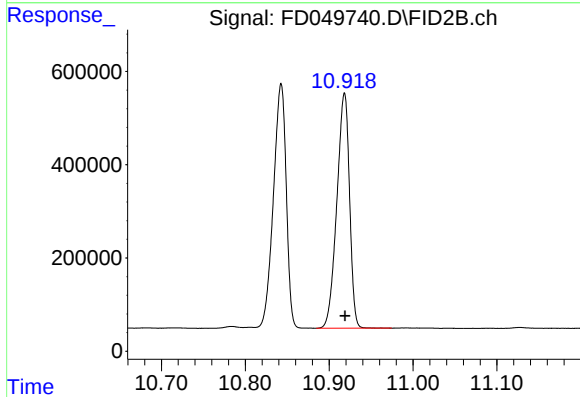
R.T.: 9.444 min
Delta R.T.: -0.002 min
Response: 5279710
Conc: 38.06 ug/ml



#9 Phenanthrene (C19.36)

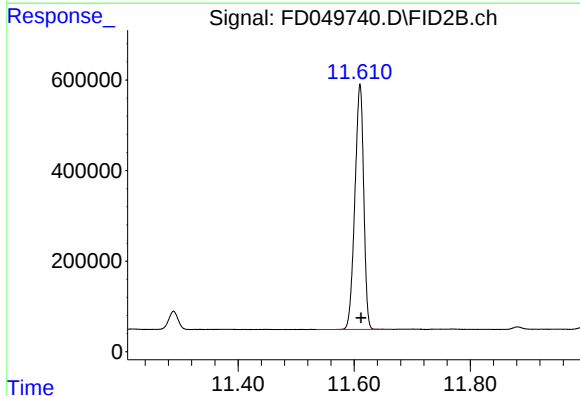
R.T.: 10.842 min
Delta R.T.: -0.002 min
Response: 5589402
Conc: 40.12 ug/ml

Instrument :
FID_F
ClientSampleId :



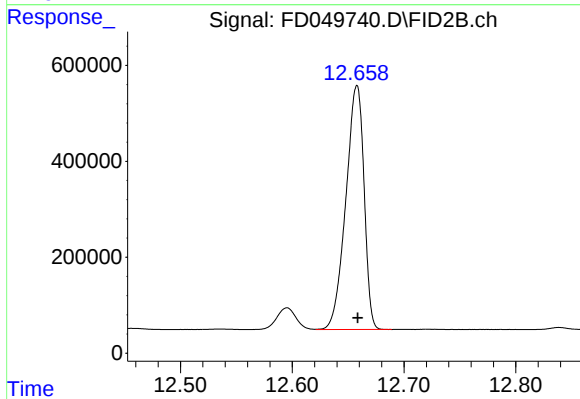
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: -0.001 min
Response: 5307767
Conc: 40.20 ug/ml



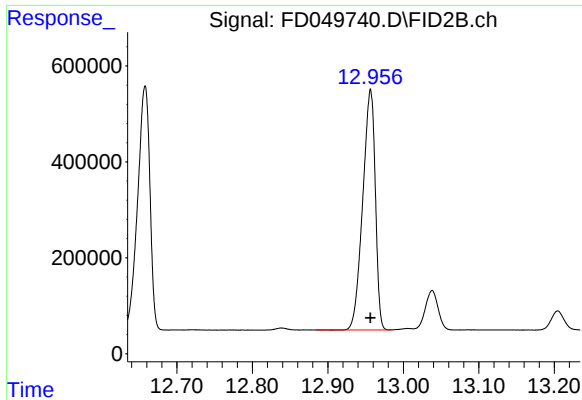
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 5708857
Conc: 40.35 ug/ml



#12 Fluoranthene (C21.85)

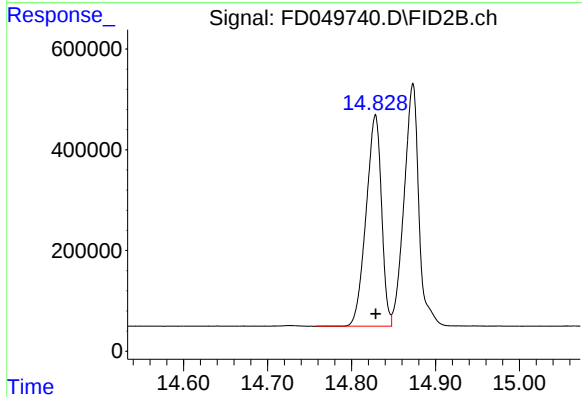
R.T.: 12.658 min
Delta R.T.: -0.001 min
Response: 5757029
Conc: 42.75 ug/ml



#13 Pyrene (C20.8)

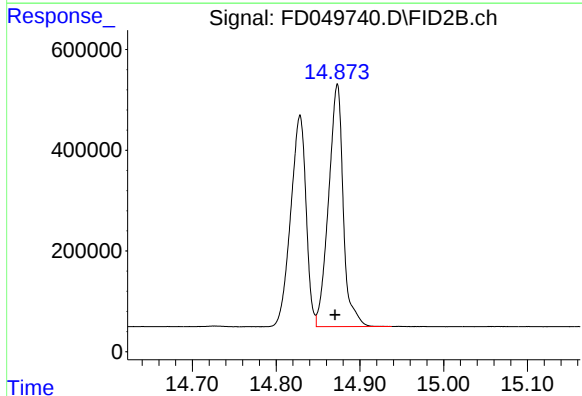
R.T.: 12.956 min
Delta R.T.: 0.000 min
Response: 5799293
Conc: 43.60 ug/ml

Instrument :
FID_F
ClientSampleId :



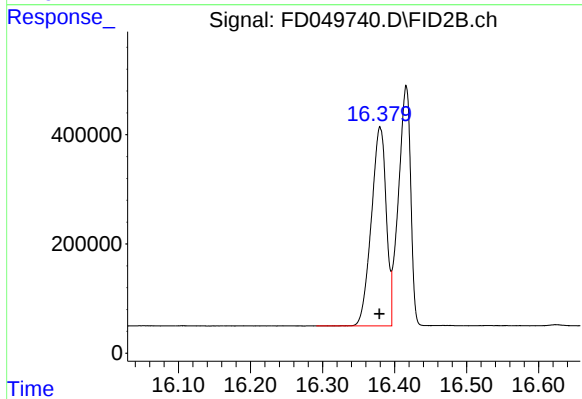
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.000 min
Response: 5341348
Conc: 44.67 ug/ml



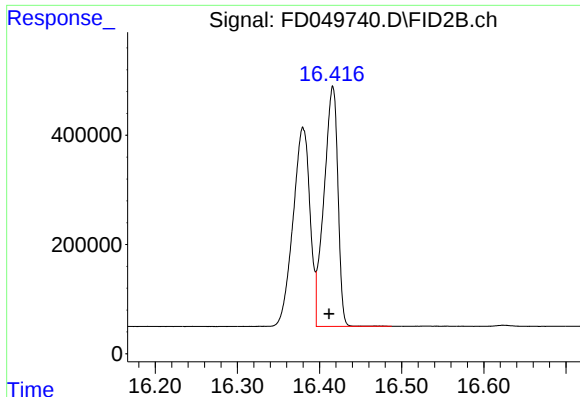
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.002 min
Response: 5854184
Conc: 48.12 ug/ml



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

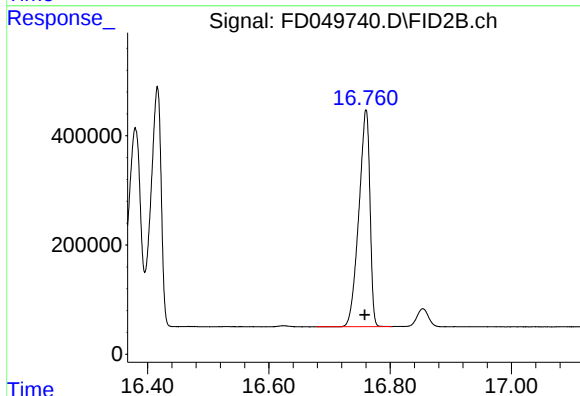
R.T.: 16.380 min
Delta R.T.: 0.001 min
Response: 5228037
Conc: 43.61 ug/ml



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

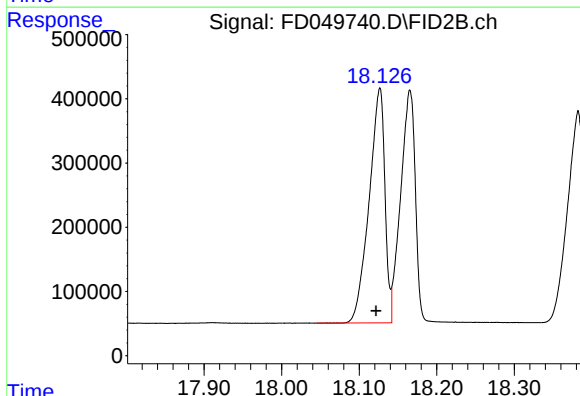
R.T.: 16.416 min
Delta R.T.: 0.004 min
Response: 5164032
Conc: 45.83 ug/ml

Instrument :
FID_F
ClientSampleId :



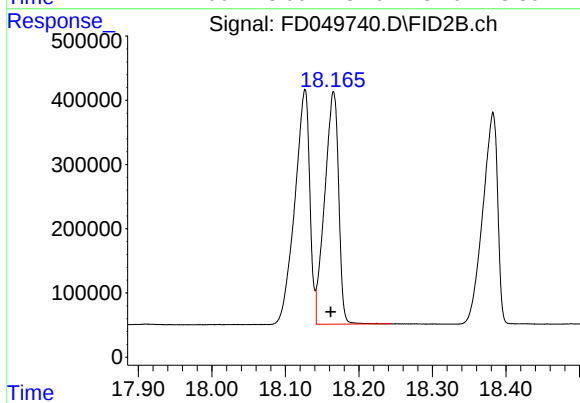
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.760 min
Delta R.T.: 0.002 min
Response: 5030027
Conc: 42.86 ug/ml



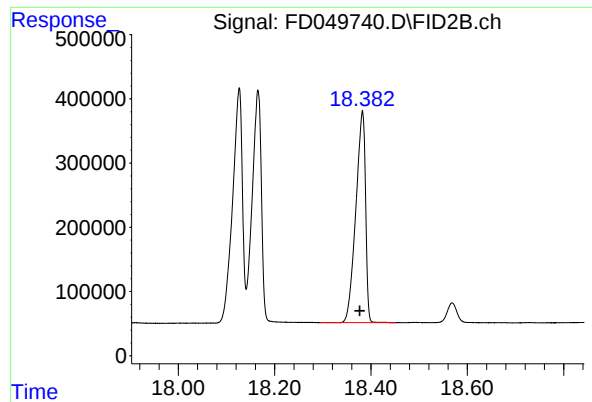
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 5170476
Conc: 47.53 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.003 min
Response: 4752615
Conc: 41.71 ug/ml



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

R.T.: 18.382 min
Delta R.T.: 0.005 min
Response: 4626684
Conc: 39.76 ug/ml

Instrument :

FID_F

ClientSampleId :