

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040925AR\
 Data File : FD049260.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2025 17:54
 Operator : YP/AJ
 Sample : PB167524BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 10 02:09:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.750	6278614	42.385 ug/ml
Spiked Amount 50.000		Recovery =	84.77%
6) S 2-Fluorobiphenyl (SURR)	8.617	3962978	38.852 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.70%
11) S ortho-Terphenyl (SURR)	11.659	6801908	38.607 ug/ml
Spiked Amount 50.000		Recovery =	77.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	3730586	24.896 ug/ml
2) T Naphthalene (C11.7)	6.086	4507735	27.531 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	4494978	27.790 ug/ml
5) T Acenaphthylene (C15.06)	8.420	5586071	31.624 ug/ml
7) T Acenaphthene (C15.5)	8.716	5634694	32.706 ug/ml
8) T Flouorene (C16.55)	9.497	6225395	35.700 ug/ml
9) T Phenanthrene (C19.36)	10.896	6784589	39.534 ug/ml
10) T Anthracene (C19.43)	10.971	6545529	41.666 ug/ml
12) T Fluoranthene (C21.85)	12.710	7113842	42.087 ug/ml
13) T Pyrene (C20.8)	13.009	6965060	41.529 ug/ml
14) T Benzo[a]anthracene (C...	14.878	6496629	45.196 ug/ml
15) T Chrysene (C27.41)	14.923	7056237	48.902 ug/ml
16) T benzo[b]fluoranthene ...	16.429	6242555	44.871 ug/ml
17) T Bnezo[k]fluoranthene ...	16.464	6202178	45.349 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.808	5774309	44.406 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.175	6162126	49.986 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	5768904	45.623 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	5849109	44.804 ug/ml

(f)=RT Delta > 1/2 Window

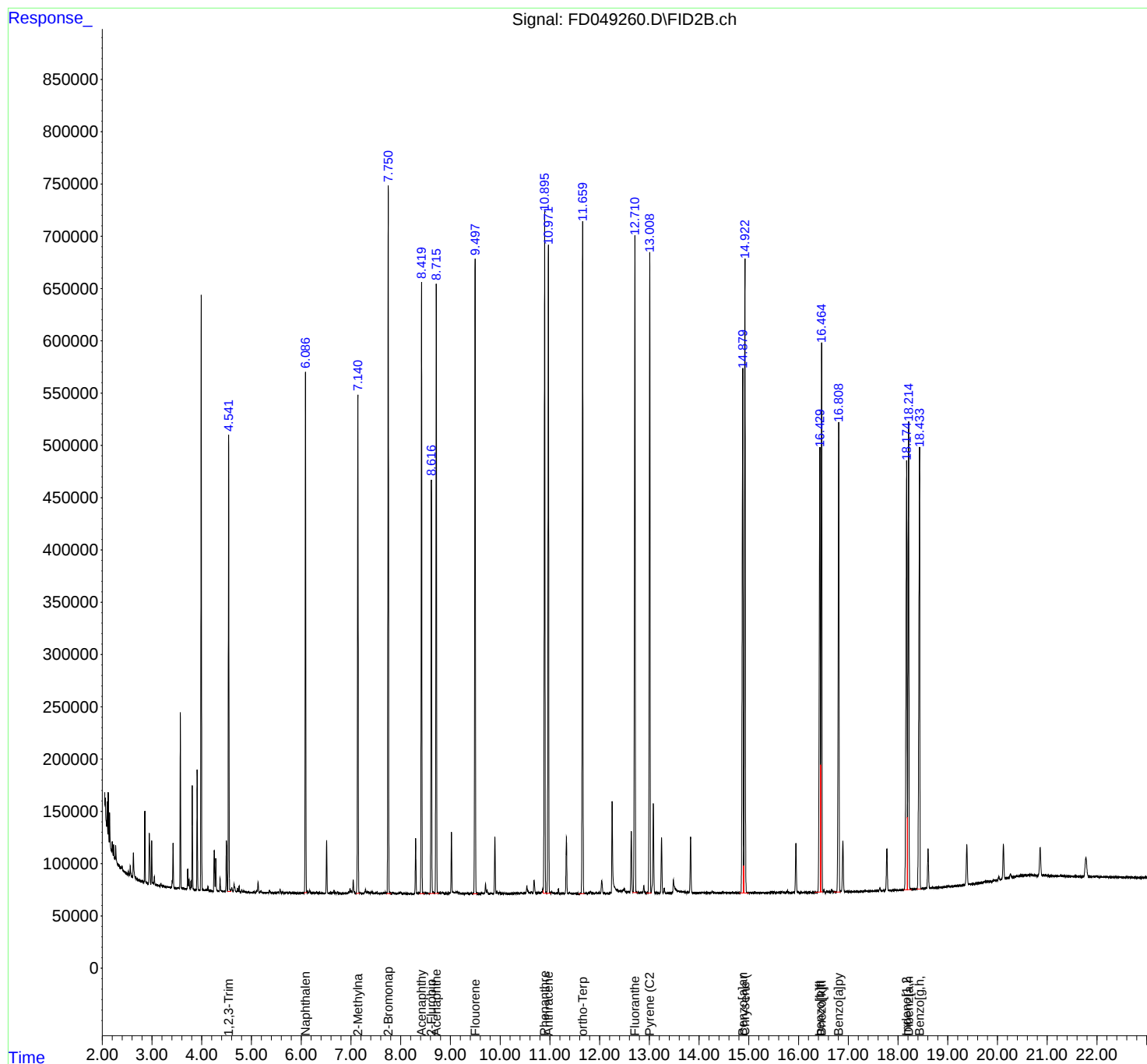
(m)=manual int.

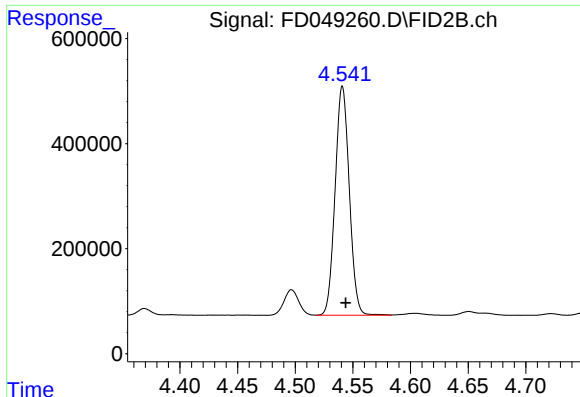
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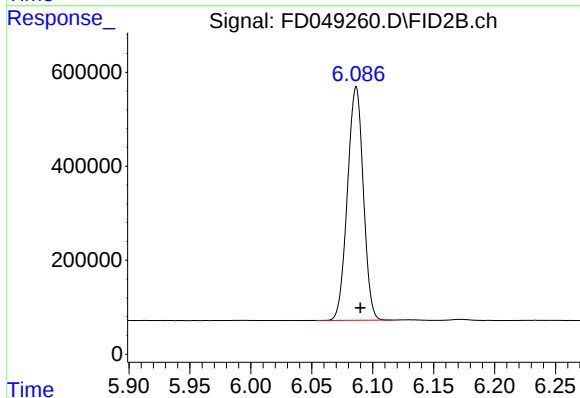




#1 1,2,3-Trimethylbenzene (C10.1)

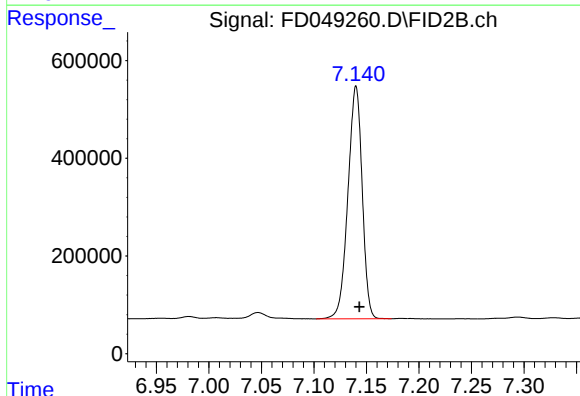
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 3730586
Conc: 24.90 ug/ml

Instrument :
FID_D
ClientSampleId :



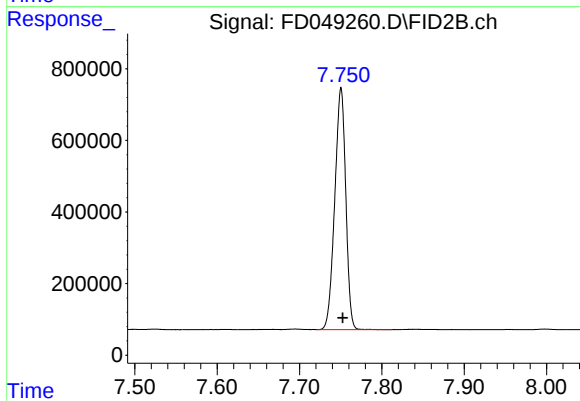
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 4507735
Conc: 27.53 ug/ml



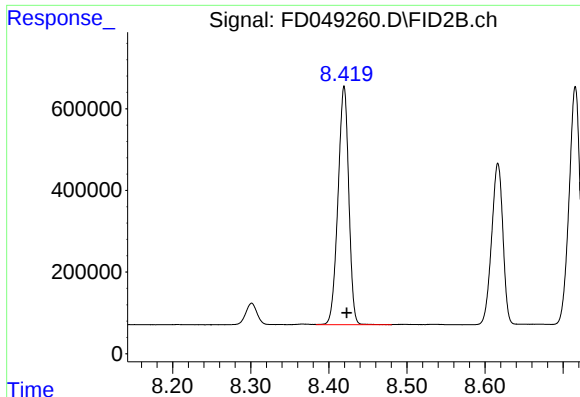
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 4494978
Conc: 27.79 ug/ml



#4 2-Bromonaphthalene (SURR)

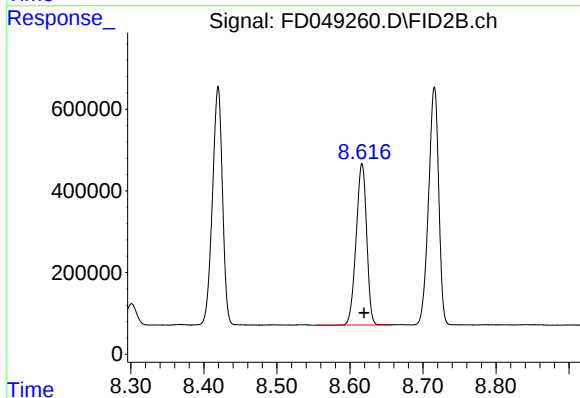
R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 6278614
Conc: 42.39 ug/ml



#5 Acenaphthylene (C15.06)

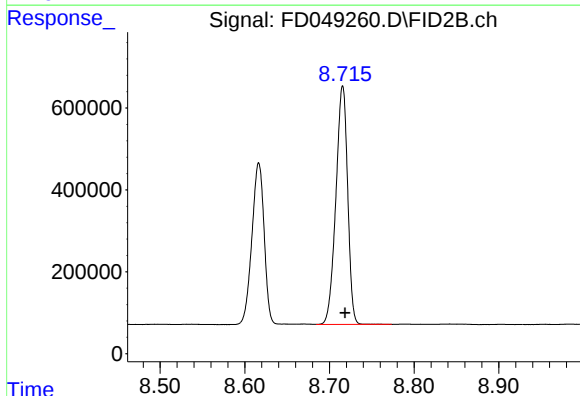
R.T.: 8.420 min
Delta R.T.: -0.003 min
Response: 5586071
Conc: 31.62 ug/ml

Instrument :
FID_D
ClientSampleId :



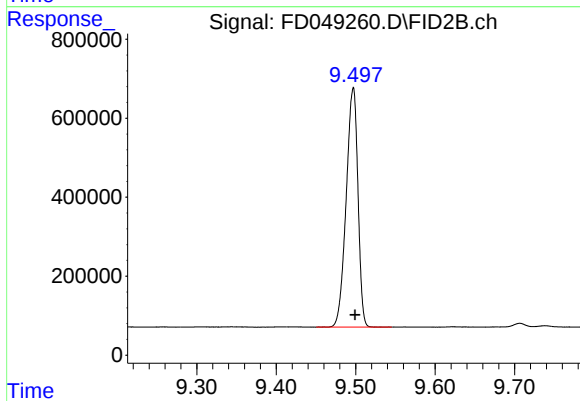
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min
Delta R.T.: -0.003 min
Response: 3962978
Conc: 38.85 ug/ml



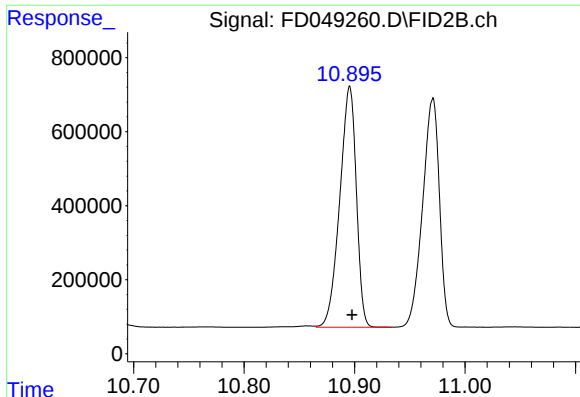
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.003 min
Response: 5634694
Conc: 32.71 ug/ml



#8 Flouorene (C16.55)

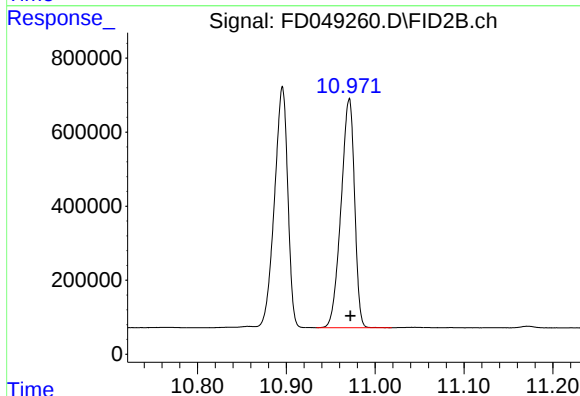
R.T.: 9.497 min
Delta R.T.: -0.002 min
Response: 6225395
Conc: 35.70 ug/ml



#9 Phenanthrene (C19.36)

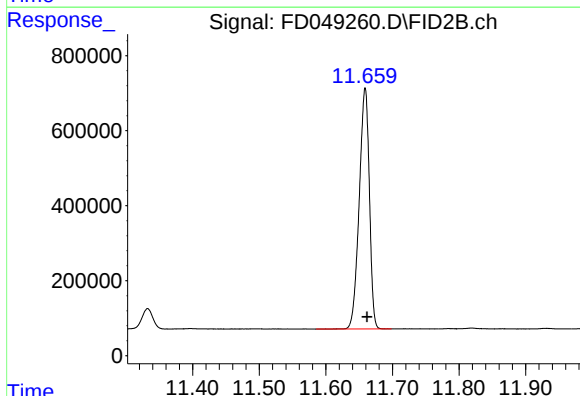
R.T.: 10.896 min
Delta R.T.: -0.002 min
Response: 6784589
Conc: 39.53 ug/ml

Instrument :
FID_D
ClientSampleId :



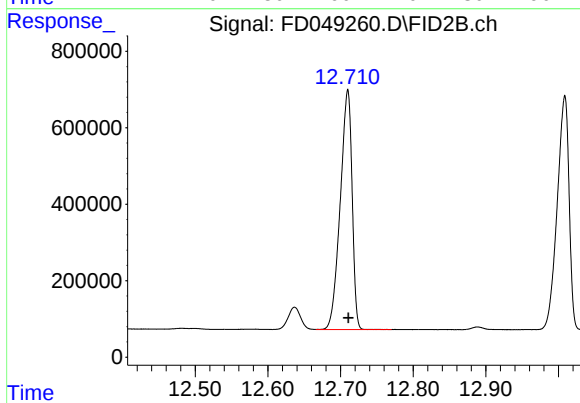
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.001 min
Response: 6545529
Conc: 41.67 ug/ml



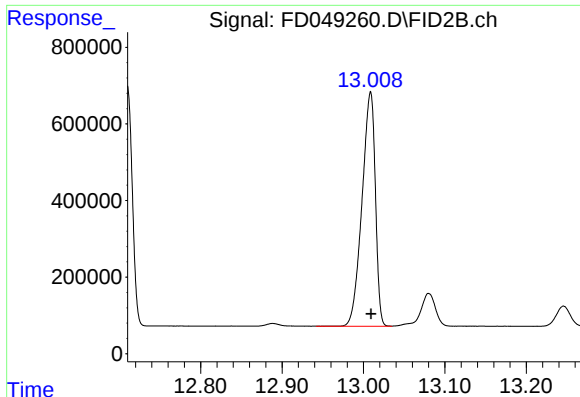
#11 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 6801908
Conc: 38.61 ug/ml



#12 Fluoranthene (C21.85)

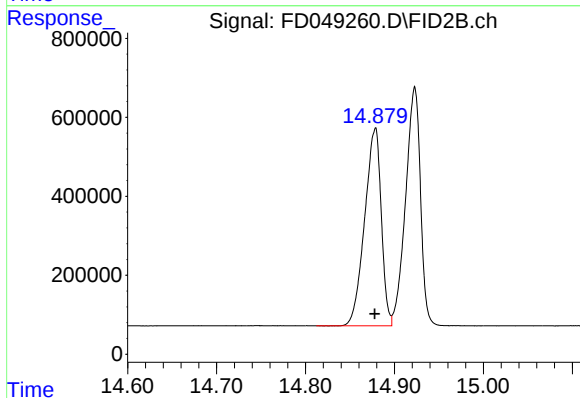
R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 7113842
Conc: 42.09 ug/ml



#13 Pyrene (C20.8)

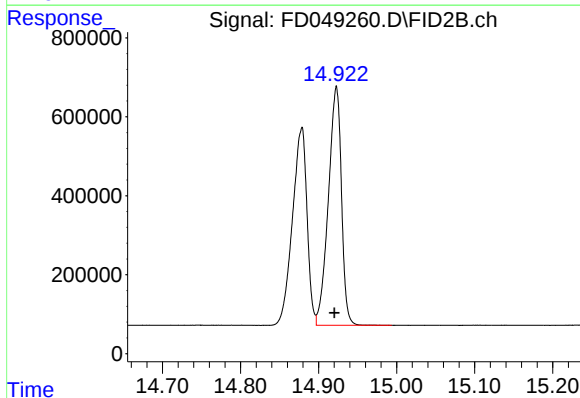
R.T.: 13.009 min
Delta R.T.: 0.000 min
Response: 6965060
Conc: 41.53 ug/ml

Instrument :
FID_D
ClientSampleId :



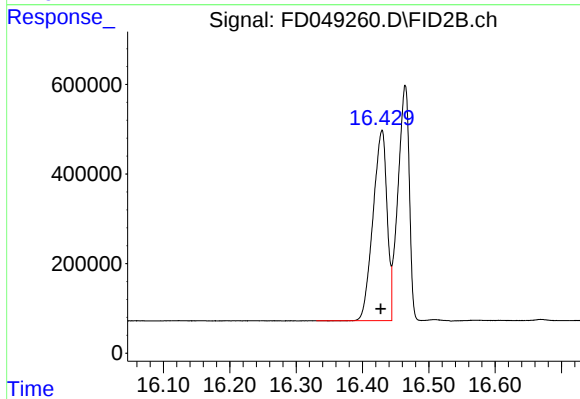
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 6496629
Conc: 45.20 ug/ml



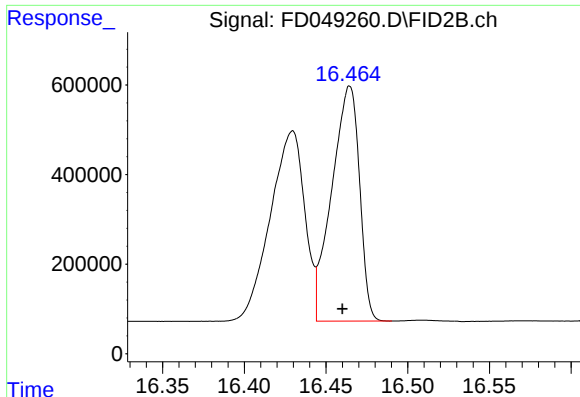
#15 Chrysene (C27.41)

R.T.: 14.923 min
Delta R.T.: 0.002 min
Response: 7056237
Conc: 48.90 ug/ml



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

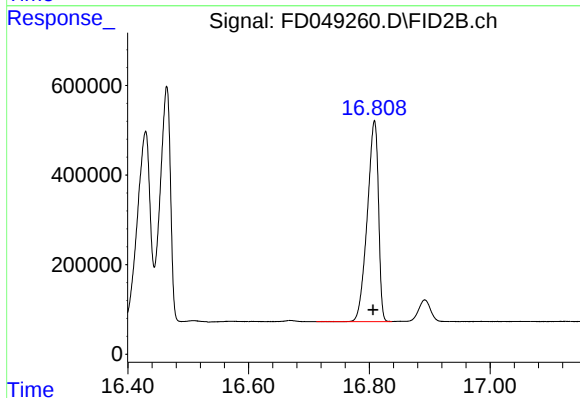
R.T.: 16.429 min
Delta R.T.: 0.002 min
Response: 6242555
Conc: 44.87 ug/ml



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

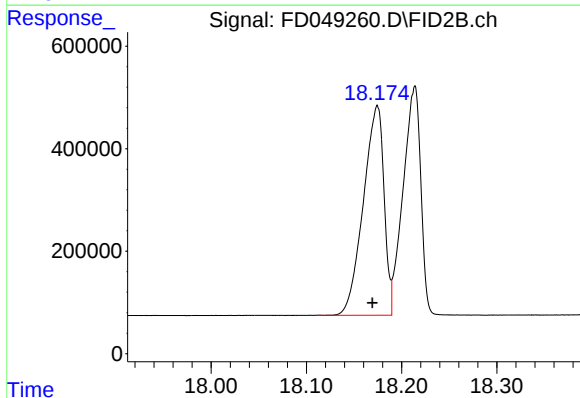
R.T.: 16.464 min
Delta R.T.: 0.005 min
Response: 6202178
Conc: 45.35 ug/ml

Instrument :
FID_D
ClientSampleId :



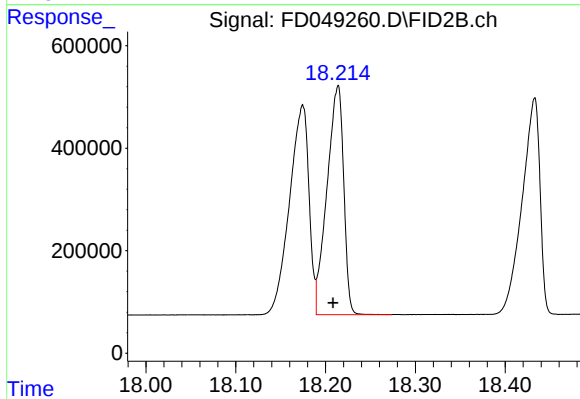
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.808 min
Delta R.T.: 0.002 min
Response: 5774309
Conc: 44.41 ug/ml



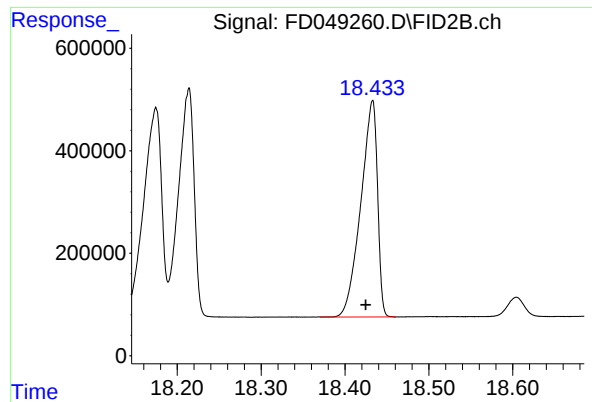
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.175 min
Delta R.T.: 0.005 min
Response: 6162126
Conc: 49.99 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.005 min
Response: 5768904
Conc: 45.62 ug/ml



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

R.T.: 18.433 min
Delta R.T.: 0.008 min
Response: 5849109
Conc: 44.80 ug/ml

Instrument :

FID_D

ClientSampleId :