

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049330.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 20:25
 Operator : YP/AJ
 Sample : Q1901-04MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 09:21:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.741	7098283	59.866 ug/ml
Spiked Amount 50.000		Recovery =	119.73%
6) S 2-Fluorobiphenyl (SURR)	8.607	4554552	57.673 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.35%
11) S ortho-Terphenyl (SURR)	11.651	5318512	38.534 ug/ml
Spiked Amount 50.000		Recovery =	77.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	3923162	31.421 ug/ml
2) T Naphthalene (C11.7)	6.076	4775935	36.125 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	4775309	37.017 ug/ml
5) T Acenaphthylene (C15.06)	8.410	5798065	41.073 ug/ml
7) T Acenaphthene (C15.5)	8.707	5874209	42.873 ug/ml
8) T Flouorene (C16.55)	9.488	6193540	45.502 ug/ml
9) T Phenanthrene (C19.36)	10.887	6216675	46.110 ug/ml
10) T Anthracene (C19.43)	10.961	6051842	51.170 ug/ml
12) T Fluoranthene (C21.85)	12.702	6246701	46.353 ug/ml
13) T Pyrene (C20.8)	13.000	6082375	44.963 ug/ml
14) T Benzo[a]anthracene (C...	14.871	5537474	48.343 ug/ml
15) T Chrysene (C27.41)	14.916	5818279	49.851 ug/ml
16) T benzo[b]fluoranthene ...	16.423	5484249	45.180 ug/ml
17) T Bnezo[k]fluoranthene ...	16.457	5331675	44.705 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.802	5167669	44.943 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.169	5564063	50.701 ug/ml
20) T Dibenz[a,h]anthracene...	18.207	4910368	46.493 ug/ml
21) T Benzo[g,h,i]perylene ...	18.427	5200377	43.638 ug/ml

(f)=RT Delta > 1/2 Window

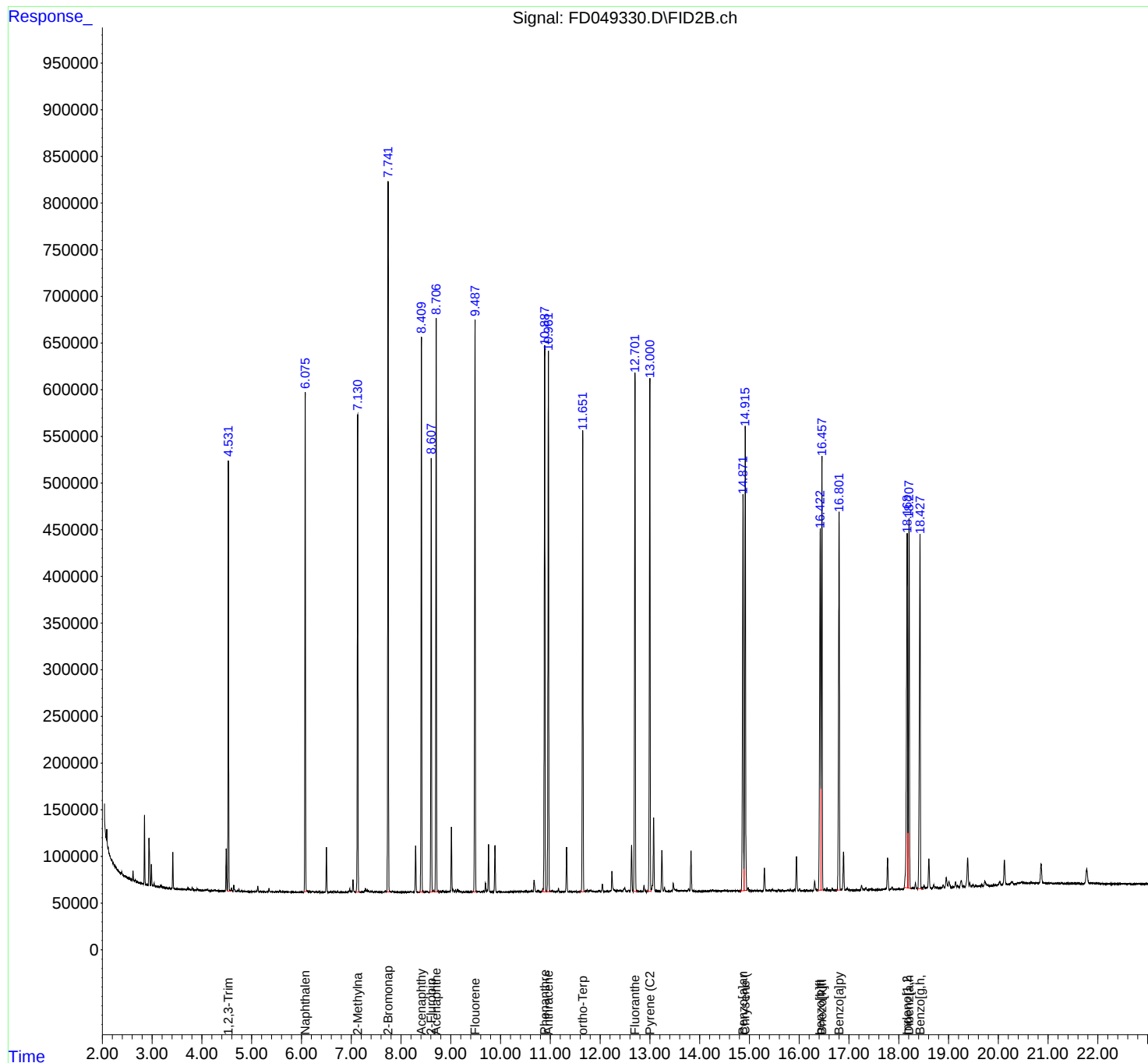
(m)=manual int.

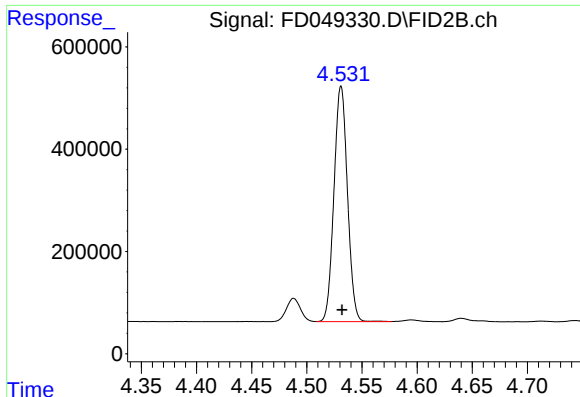
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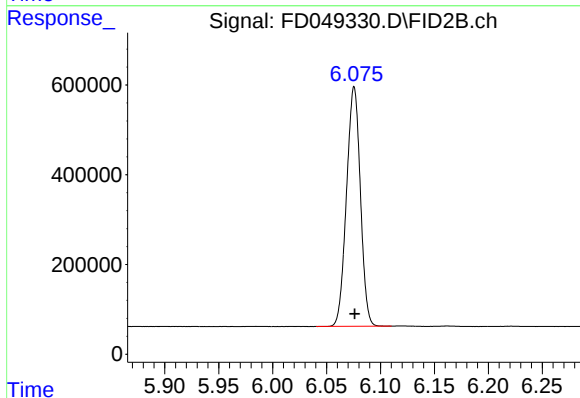




#1 1,2,3-Trimethylbenzene (C10.1)

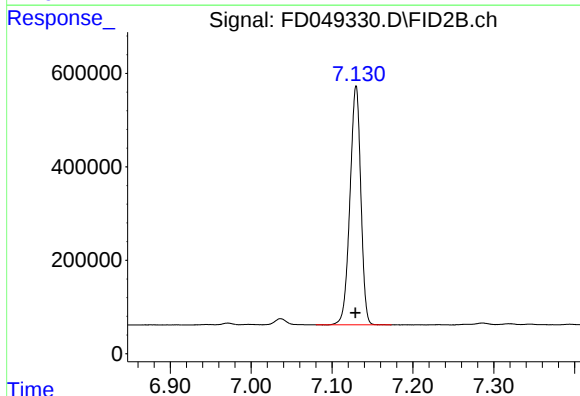
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 3923162
Conc: 31.42 ug/ml

Instrument :
FID_D
ClientSampleId :



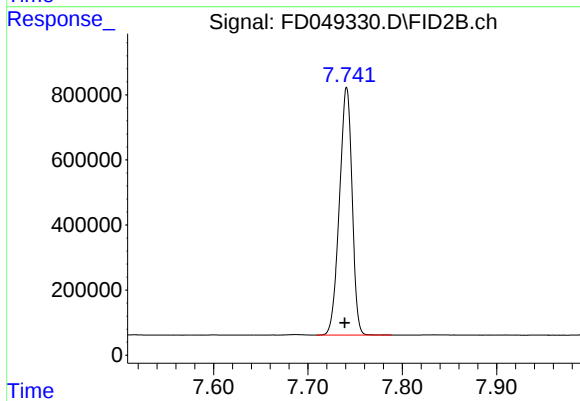
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 4775935
Conc: 36.13 ug/ml



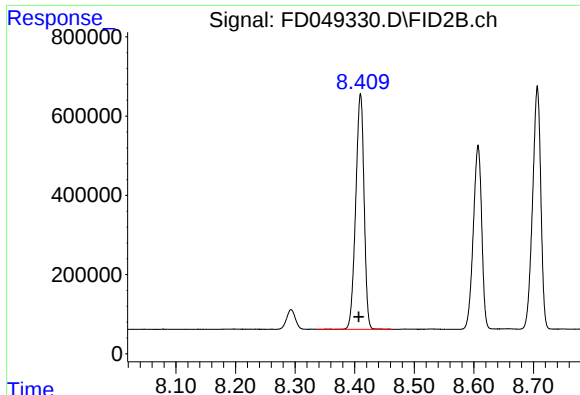
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.001 min
Response: 4775309
Conc: 37.02 ug/ml



#4 2-Bromonaphthalene (SURR)

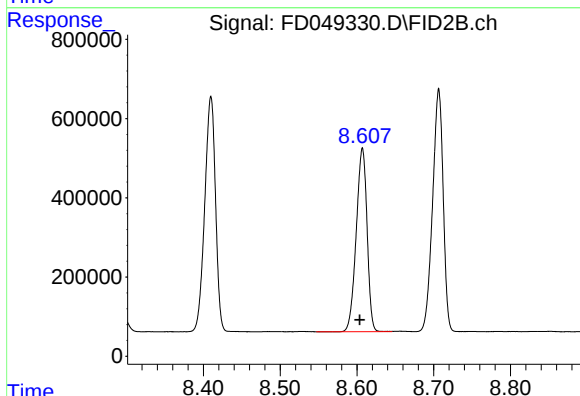
R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 7098283
Conc: 59.87 ug/ml



#5 Acenaphthylene (C15.06)

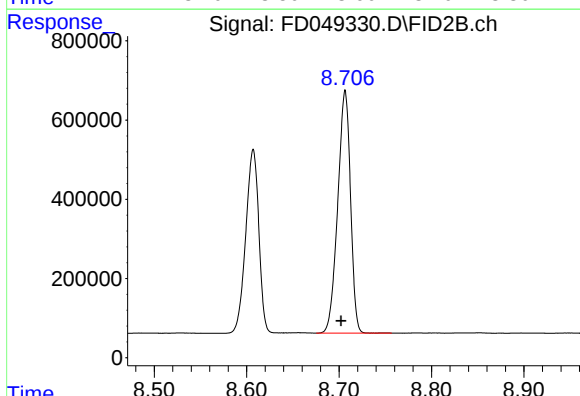
R.T.: 8.410 min
Delta R.T.: 0.003 min
Response: 5798065
Conc: 41.07 ug/ml

Instrument :
FID_D
ClientSampleId :



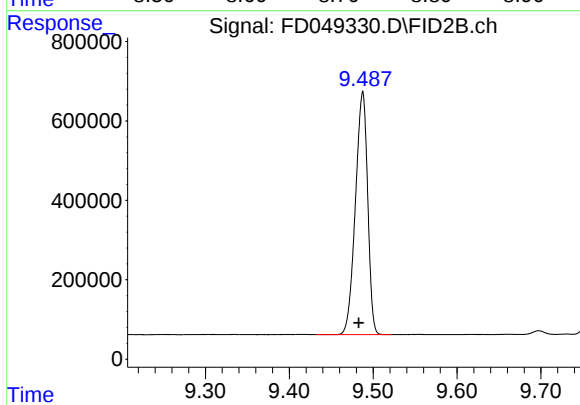
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.003 min
Response: 4554552
Conc: 57.67 ug/ml



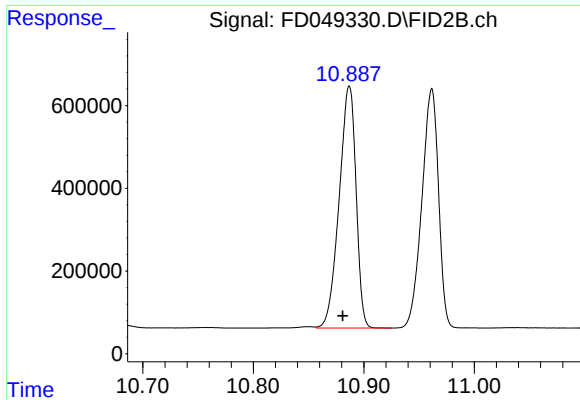
#7 Acenaphthene (C15.5)

R.T.: 8.707 min
Delta R.T.: 0.004 min
Response: 5874209
Conc: 42.87 ug/ml



#8 Fluorene (C16.55)

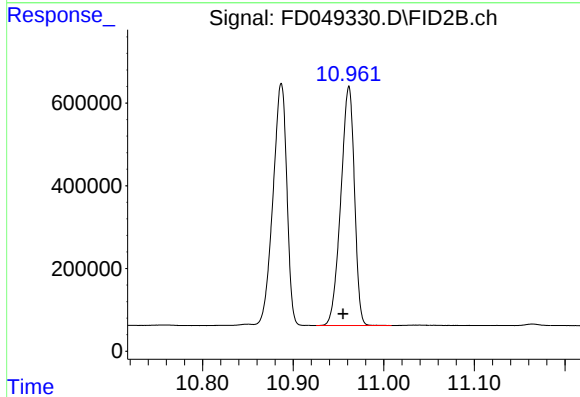
R.T.: 9.488 min
Delta R.T.: 0.005 min
Response: 6193540
Conc: 45.50 ug/ml



#9 Phenanthrene (C19.36)

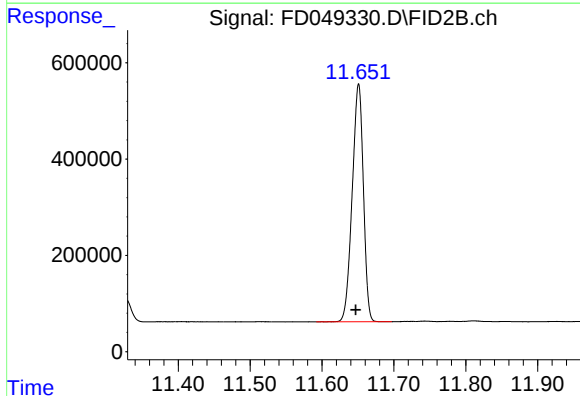
R.T.: 10.887 min
Delta R.T.: 0.006 min
Response: 6216675
Conc: 46.11 ug/ml

Instrument :
FID_D
ClientSampleId :



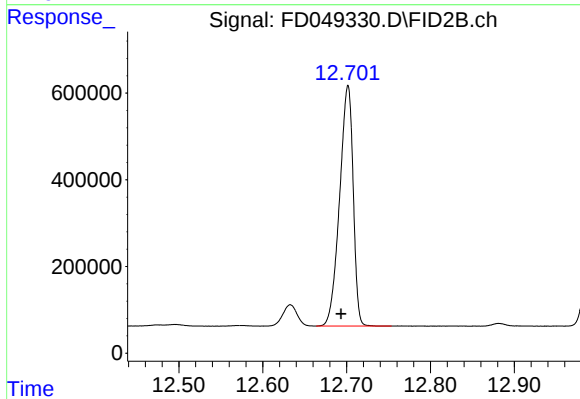
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: 0.006 min
Response: 6051842
Conc: 51.17 ug/ml



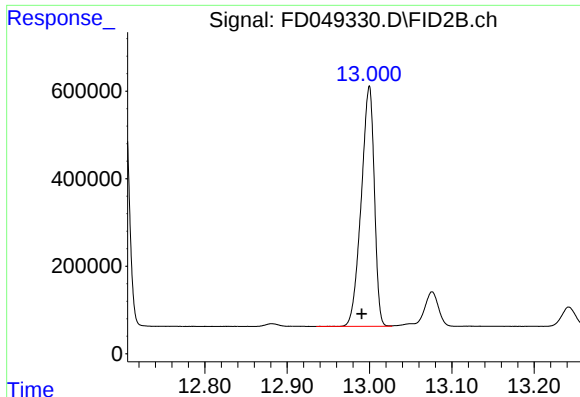
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 5318512
Conc: 38.53 ug/ml



#12 Fluoranthene (C21.85)

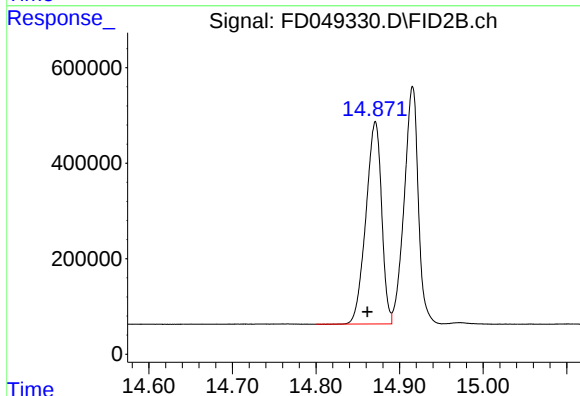
R.T.: 12.702 min
Delta R.T.: 0.008 min
Response: 6246701
Conc: 46.35 ug/ml



#13 Pyrene (C20.8)

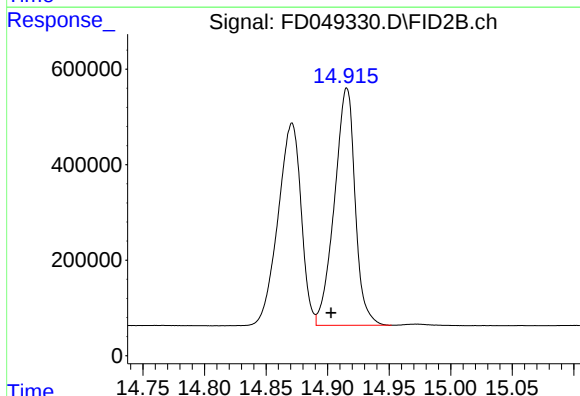
R.T.: 13.000 min
Delta R.T.: 0.009 min
Response: 6082375
Conc: 44.96 ug/ml

Instrument :
FID_D
ClientSampleId :



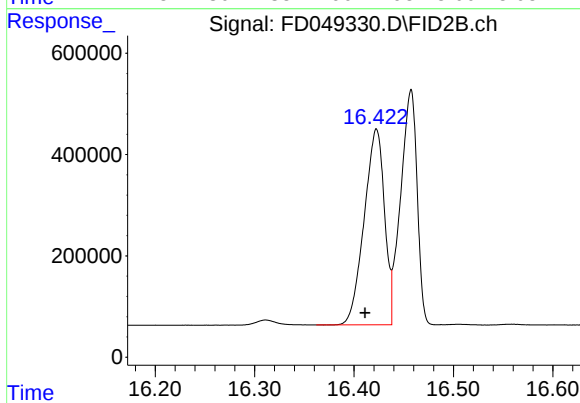
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.871 min
Delta R.T.: 0.010 min
Response: 5537474
Conc: 48.34 ug/ml



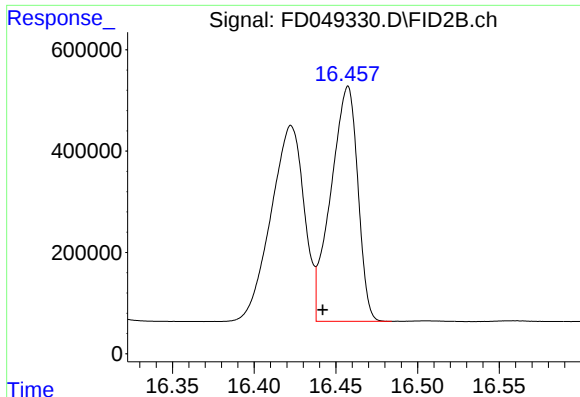
#15 Chrysene (C27.41)

R.T.: 14.916 min
Delta R.T.: 0.013 min
Response: 5818279
Conc: 49.85 ug/ml



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

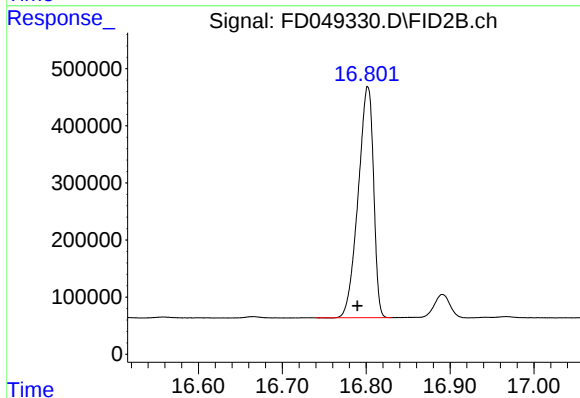
R.T.: 16.423 min
Delta R.T.: 0.011 min
Response: 5484249
Conc: 45.18 ug/ml



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

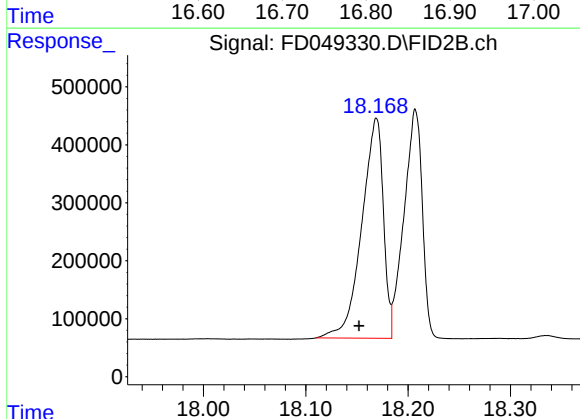
R.T.: 16.457 min
Delta R.T.: 0.015 min
Response: 5331675
Conc: 44.70 ug/ml

Instrument :
FID_D
ClientSampleId :



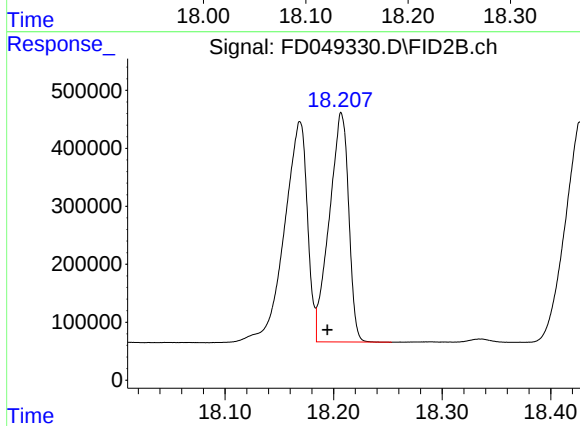
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.802 min
Delta R.T.: 0.012 min
Response: 5167669
Conc: 44.94 ug/ml



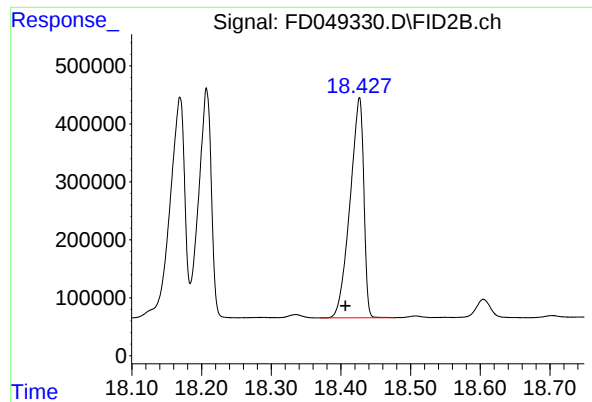
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.169 min
Delta R.T.: 0.017 min
Response: 5564063
Conc: 50.70 ug/ml



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

R.T.: 18.207 min
Delta R.T.: 0.013 min
Response: 4910368
Conc: 46.49 ug/ml



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

R.T.: 18.427 min
Delta R.T.: 0.020 min
Response: 5200377
Conc: 43.64 ug/ml

Instrument :

FID_D

ClientSampleId :