

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040725AR\
 Data File : FD049233.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2025 16:52
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 08 05:15:26 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

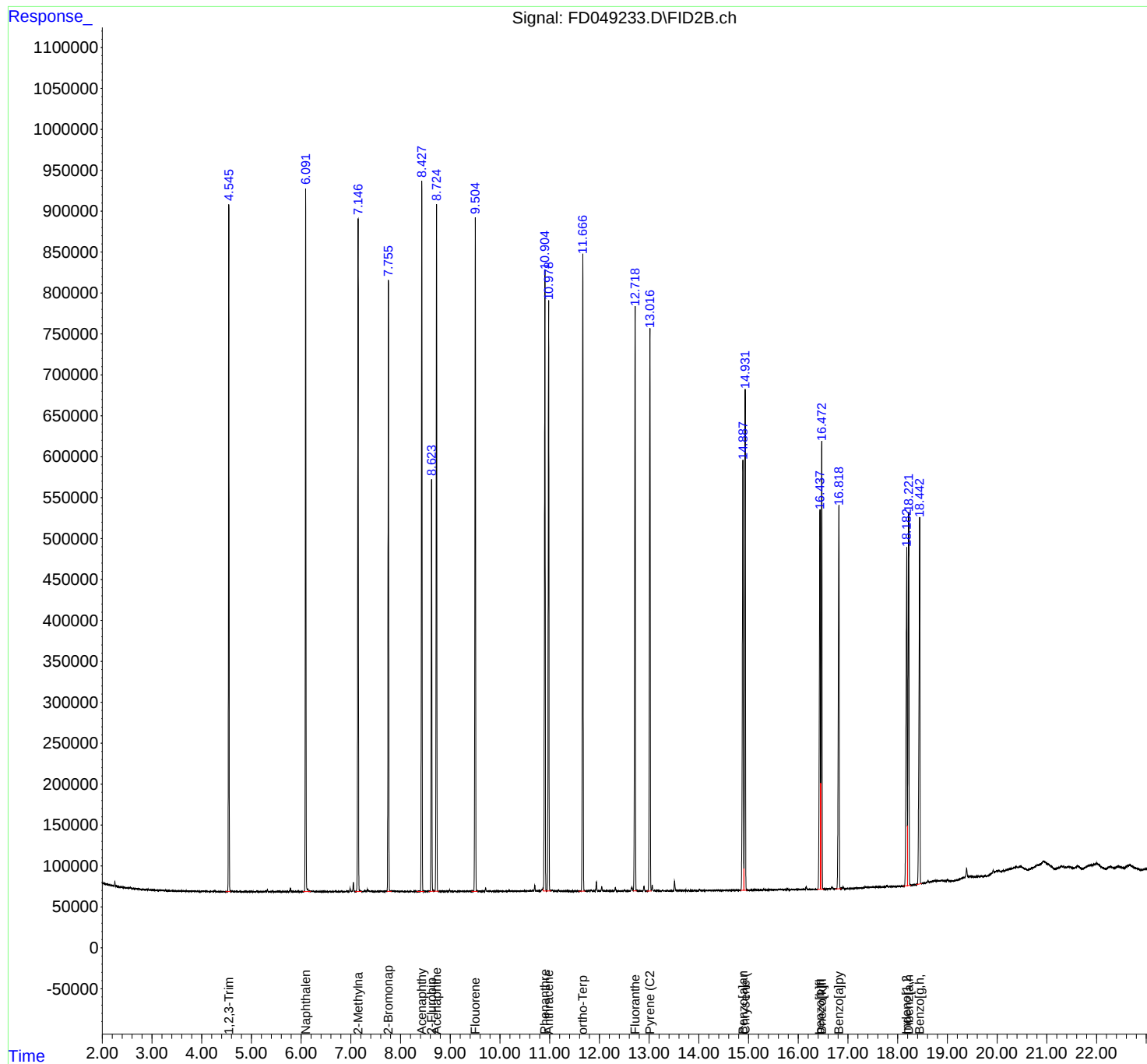
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.755	7153645	49.489 ug/ml
Spiked Amount 50.000		Recovery =	98.98%
6) S 2-Fluorobiphenyl (SURR)	8.623	4986867	49.744 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.49%
11) S ortho-Terphenyl (SURR)	11.666	8388521	48.291 ug/ml
Spiked Amount 50.000		Recovery =	96.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.545	7106531	48.619 ug/ml
2) T Naphthalene (C11.7)	6.092	7875710	49.392 ug/ml
3) T 2-Methylnaphthalene (...)	7.146	7825460	49.589 ug/ml
5) T Acenaphthylene (C15.06)	8.427	8498837	49.227 ug/ml
7) T Acenaphthene (C15.5)	8.724	8301504	49.257 ug/ml
8) T Fluorene (C16.55)	9.504	8435768	49.256 ug/ml
9) T Phenanthrene (C19.36)	10.904	8259539	48.459 ug/ml
10) T Anthracene (C19.43)	10.979	7670471	49.089 ug/ml
12) T Fluoranthene (C21.85)	12.719	8058283	47.653 ug/ml
13) T Pyrene (C20.8)	13.017	7987306	47.736 ug/ml
14) T Benzo[a]anthracene (C...	14.886	6986999	48.403 ug/ml
15) T Chrysene (C27.41)	14.932	6970327	48.122 ug/ml
16) T benzo[b]fluoranthene ...	16.437	6628872	47.687 ug/ml
17) T Bnezo[k]fluoranthene ...	16.473	6537274	47.672 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	6221734	47.913 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.182	5892319	48.344 ug/ml
20) T Dibenz[a,h]anthracene...	18.221	5993464	47.238 ug/ml
21) T Benzo[g,h,i]perylene ...	18.442	6185944	47.564 ug/ml

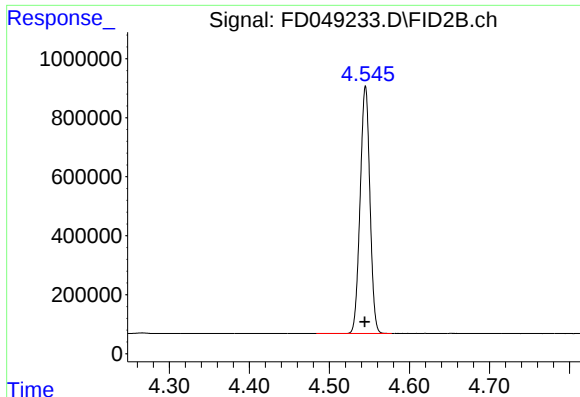
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

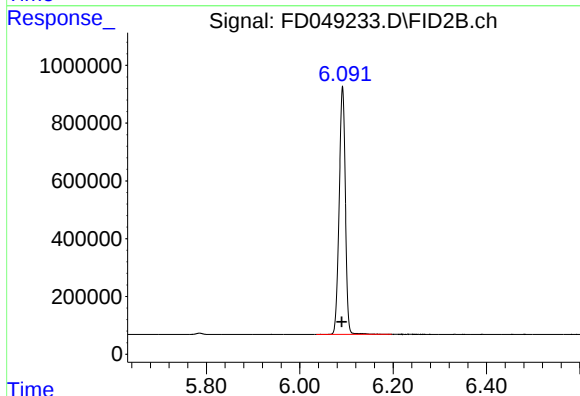




#1 1,2,3-Trimethylbenzene (C10.1)

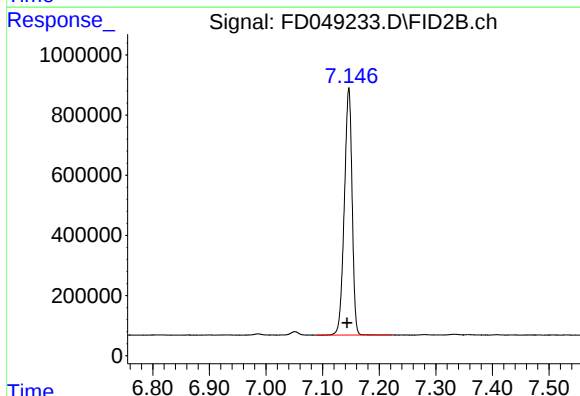
R.T.: 4.545 min
Delta R.T.: 0.001 min
Response: 7106531
Conc: 48.62 ug/ml

Instrument :
FID_D
ClientSampleId :



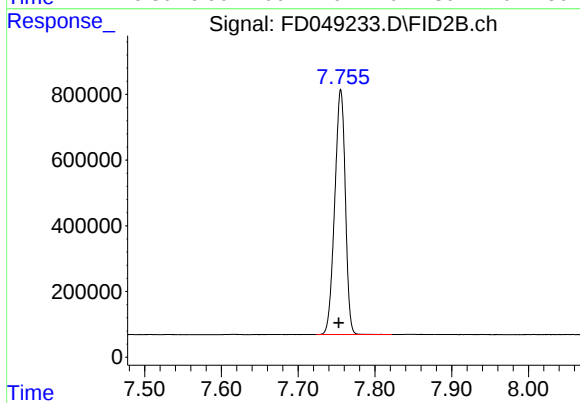
#2 Naphthalene (C11.7)

R.T.: 6.092 min
Delta R.T.: 0.002 min
Response: 7875710
Conc: 49.39 ug/ml



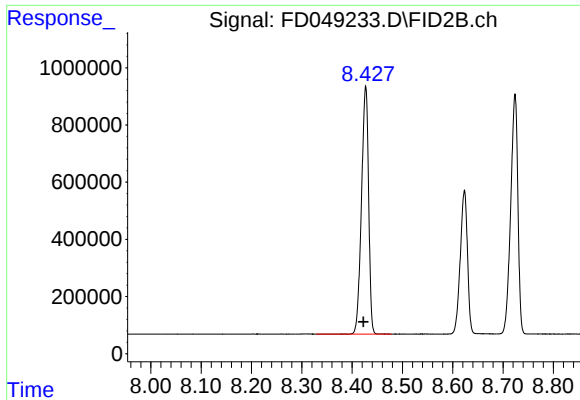
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.146 min
Delta R.T.: 0.003 min
Response: 7825460
Conc: 49.59 ug/ml



#4 2-Bromonaphthalene (SURR)

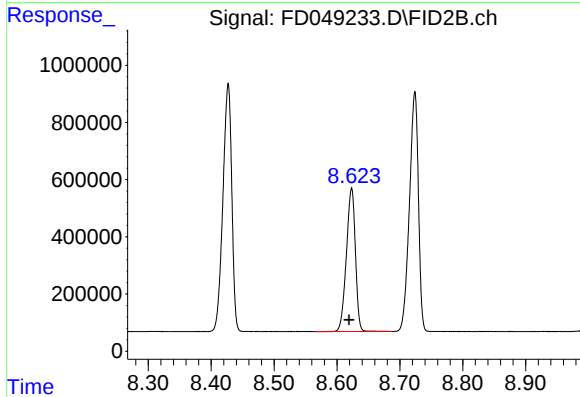
R.T.: 7.755 min
Delta R.T.: 0.003 min
Response: 7153645
Conc: 49.49 ug/ml



#5 Acenaphthylene (C15.06)

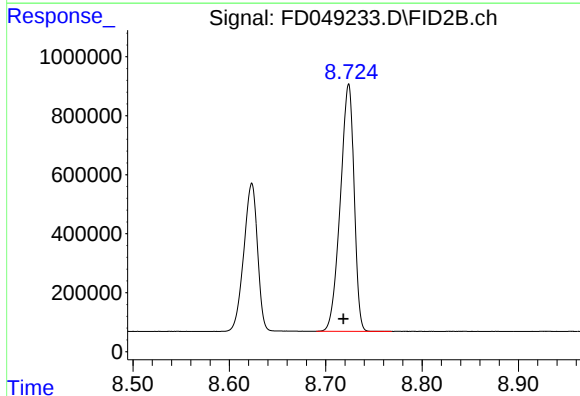
R.T.: 8.427 min
Delta R.T.: 0.004 min
Response: 8498837
Conc: 49.23 ug/ml

Instrument :
FID_D
ClientSampleId :



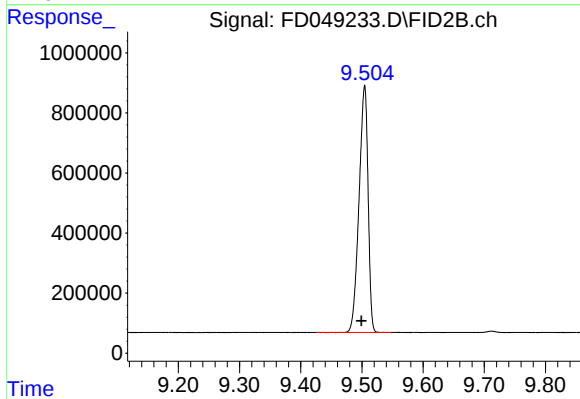
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.623 min
Delta R.T.: 0.004 min
Response: 4986867
Conc: 49.74 ug/ml



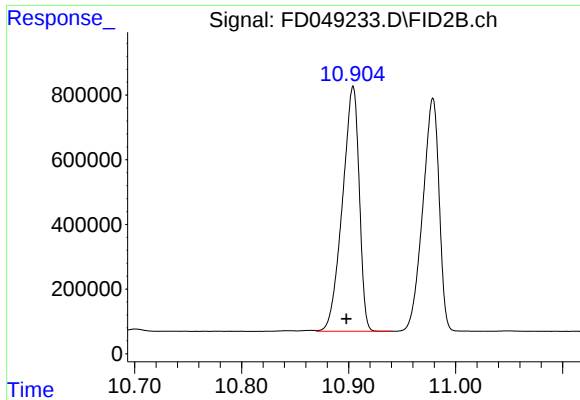
#7 Acenaphthene (C15.5)

R.T.: 8.724 min
Delta R.T.: 0.006 min
Response: 8301504
Conc: 49.26 ug/ml



#8 Flouorene (C16.55)

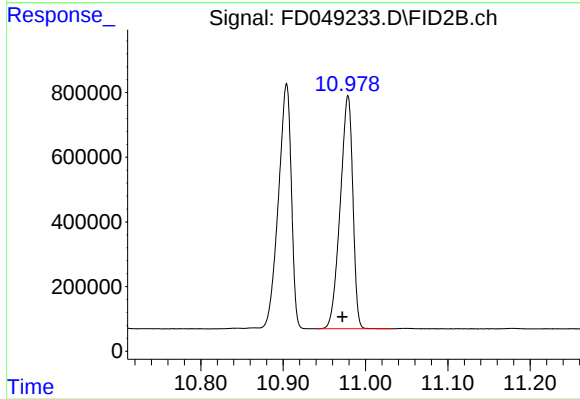
R.T.: 9.504 min
Delta R.T.: 0.005 min
Response: 8435768
Conc: 49.26 ug/ml



#9 Phenanthrene (C19.36)

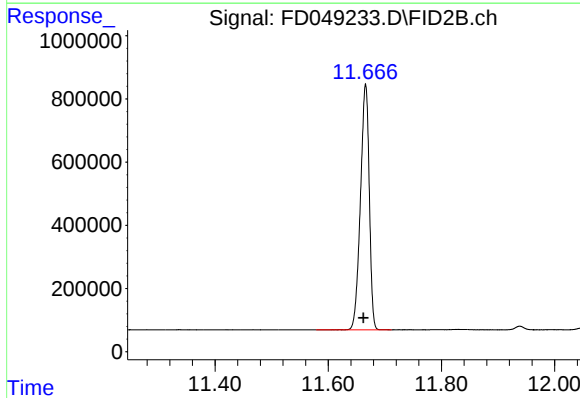
R.T.: 10.904 min
Delta R.T.: 0.006 min
Response: 8259539
Conc: 48.46 ug/ml

Instrument :
FID_D
ClientSampleId :



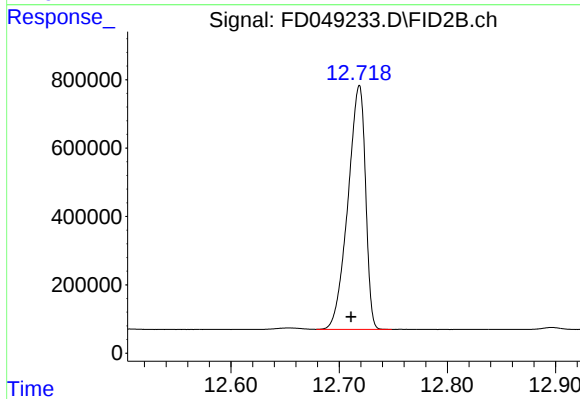
#10 Anthracene (C19.43)

R.T.: 10.979 min
Delta R.T.: 0.007 min
Response: 7670471
Conc: 49.09 ug/ml



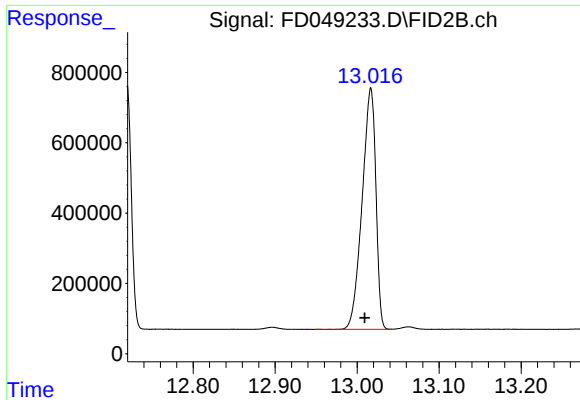
#11 ortho-Terphenyl (SURR)

R.T.: 11.666 min
Delta R.T.: 0.004 min
Response: 8388521
Conc: 48.29 ug/ml



#12 Fluoranthene (C21.85)

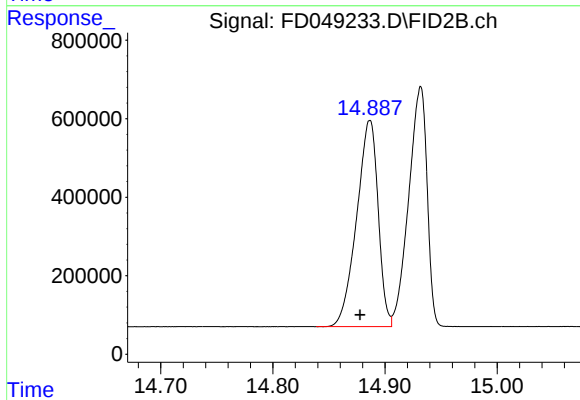
R.T.: 12.719 min
Delta R.T.: 0.008 min
Response: 8058283
Conc: 47.65 ug/ml



#13 Pyrene (C20.8)

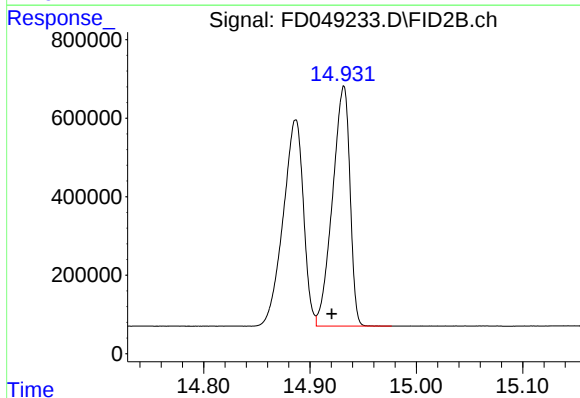
R.T.: 13.017 min
Delta R.T.: 0.007 min
Response: 7987306
Conc: 47.74 ug/ml

Instrument :
FID_D
ClientSampleId :



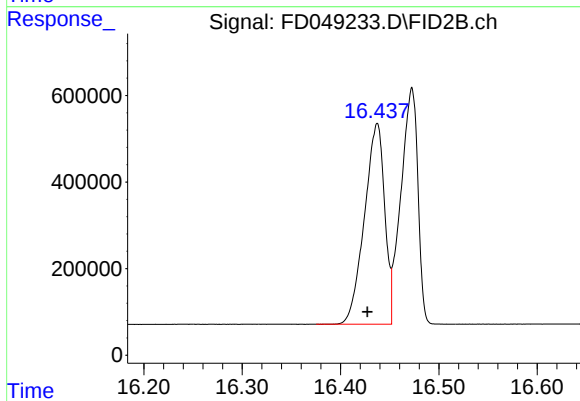
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.886 min
Delta R.T.: 0.009 min
Response: 6986999
Conc: 48.40 ug/ml



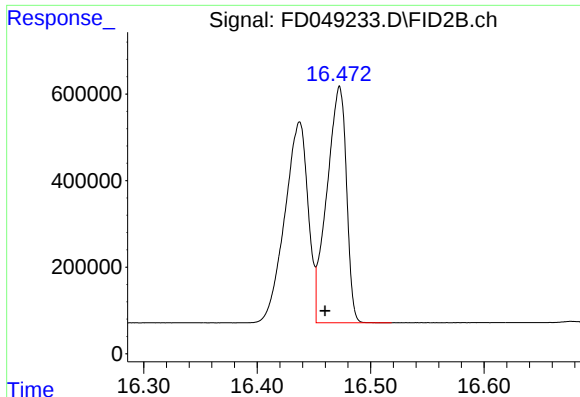
#15 Chrysene (C27.41)

R.T.: 14.932 min
Delta R.T.: 0.011 min
Response: 6970327
Conc: 48.12 ug/ml



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

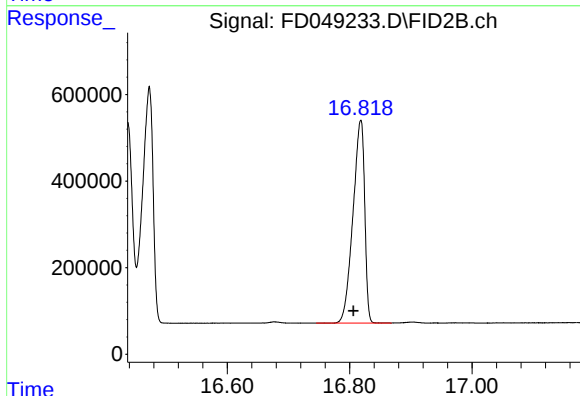
R.T.: 16.437 min
Delta R.T.: 0.010 min
Response: 6628872
Conc: 47.69 ug/ml



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

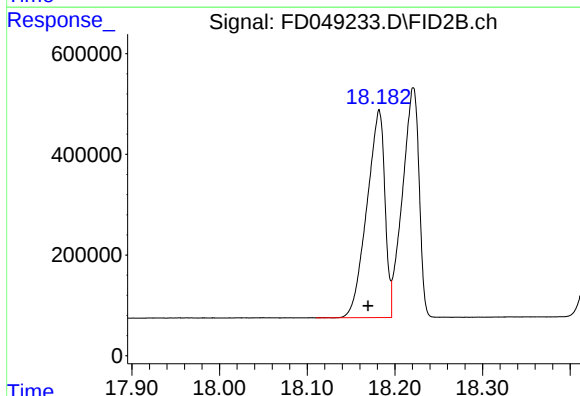
R.T.: 16.473 min
Delta R.T.: 0.013 min
Response: 6537274
Conc: 47.67 ug/ml

Instrument :
FID_D
ClientSampleId :



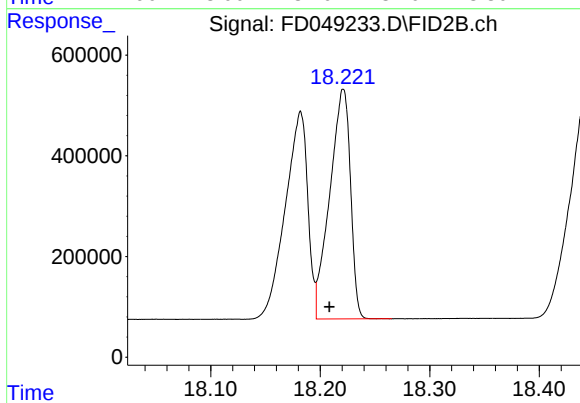
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min
Delta R.T.: 0.012 min
Response: 6221734
Conc: 47.91 ug/ml



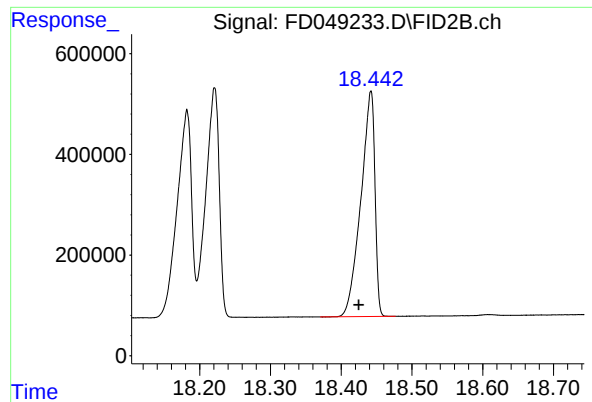
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.182 min
Delta R.T.: 0.013 min
Response: 5892319
Conc: 48.34 ug/ml



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

R.T.: 18.221 min
Delta R.T.: 0.013 min
Response: 5993464
Conc: 47.24 ug/ml



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

R.T.: 18.442 min
Delta R.T.: 0.017 min
Response: 6185944
Conc: 47.56 ug/ml

Instrument :

FID_D

ClientSampleId :