

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110625AR\
 Data File : FD049882.D
 Signal(s) : FID2B.ch
 Acq On : 06 Nov 2025 13:42
 Operator : YP/AJ
 Sample : PB170417BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB170417BSD

Integration File: autoint1.e
 Quant Time: Nov 07 01:32:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:29:26 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...	7.700	5766346	51.954 ug/ml
Spiked Amount 50.000		Recovery =	103.91%
6) S 2-Fluorobiphenyl (SURR)	8.565	3945052	50.358 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.72%
11) S ortho-Terphenyl (SURR)	11.610	5894943	41.638 ug/ml
Spiked Amount 50.000		Recovery =	83.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	3687529	33.599 ug/ml
2) T Naphthalene (C11.7)	6.035	4664374	37.537 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	4643299	35.896 ug/ml
5) T Acenaphthylene (C15.06)	8.368	5505016	40.424 ug/ml
7) T Acenaphthene (C15.5)	8.664	5531323	40.576 ug/ml
8) T Flouorene (C16.55)	9.445	5780829	42.514 ug/ml
9) T Phenanthrene (C19.36)	10.843	5889620	42.591 ug/ml
10) T Anthracene (C19.43)	10.919	5387516	42.244 ug/ml
12) T Fluoranthene (C21.85)	12.658	5979739	42.998 ug/ml
13) T Pyrene (C20.8)	12.956	6027094	43.446 ug/ml
14) T Benzo[a]anthracene (C...	14.828	5473681	43.290 ug/ml
15) T Chrysene (C27.41)	14.872	6250218	47.638 ug/ml
16) T benzo[b]fluoranthene ...	16.379	5432140	42.171 ug/ml
17) T Bnezo[k]fluoranthene ...	16.414	5346346	43.923 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.759	5239777	41.841 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.124	5373392	46.692 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	4867736	37.593 ug/ml
21) T Benzo[g,h,i]perylene ...	18.380	4950149	39.353 ug/ml

(f)=RT Delta > 1/2 Window

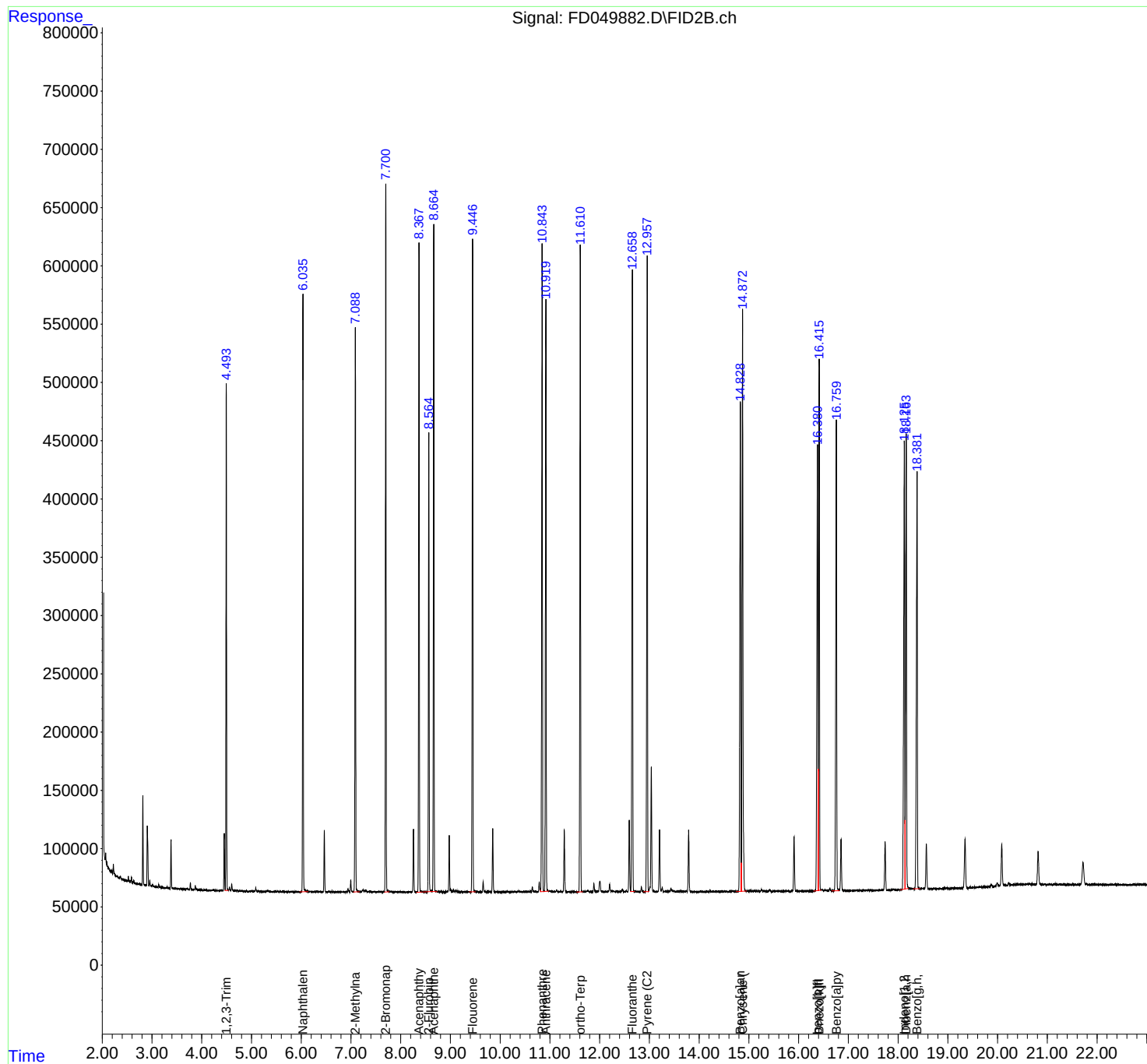
(m)=manual int.

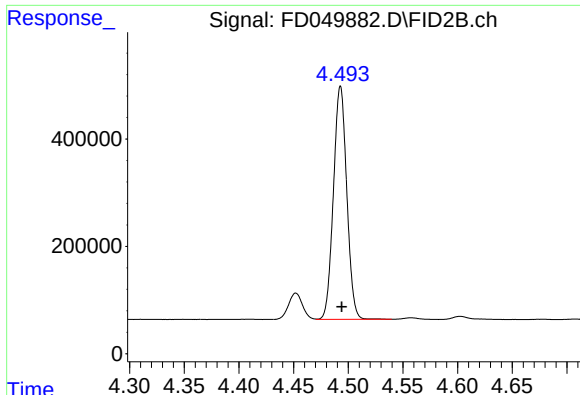
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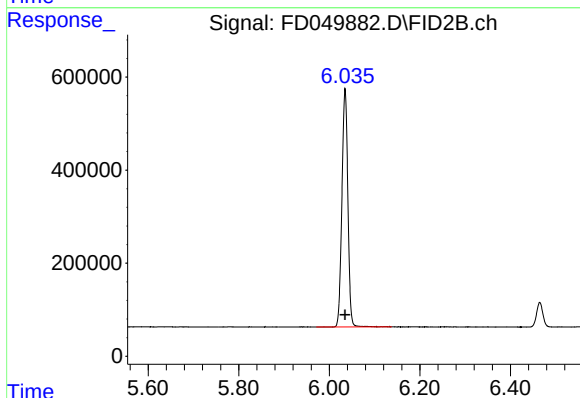




#1 1,2,3-Trimethylbenzene (C10.1)

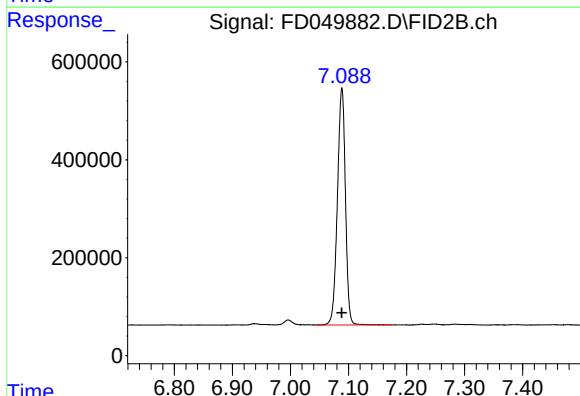
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 3687529
Conc: 33.60 ug/ml

Instrument :
FID_D
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PB170417BSD



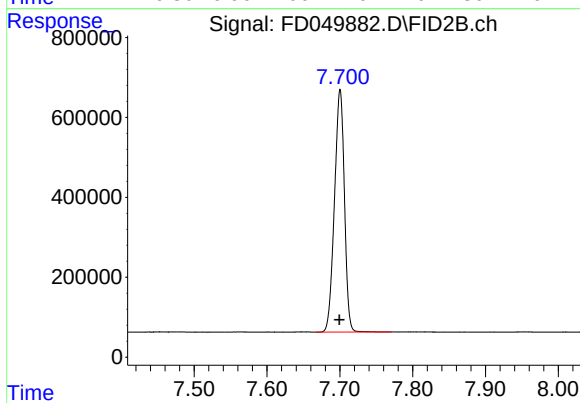
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 4664374
Conc: 37.54 ug/ml



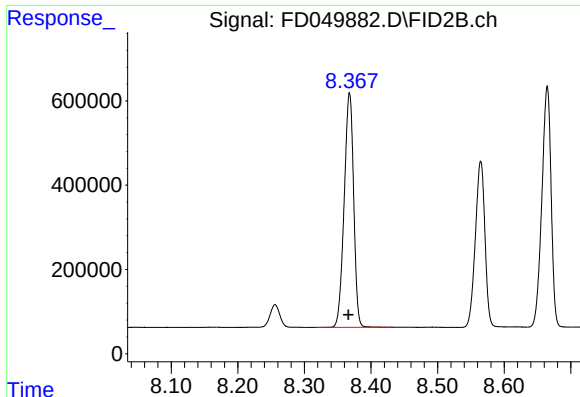
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 4643299
Conc: 35.90 ug/ml



#4 2-Bromonaphthalene (SURR)

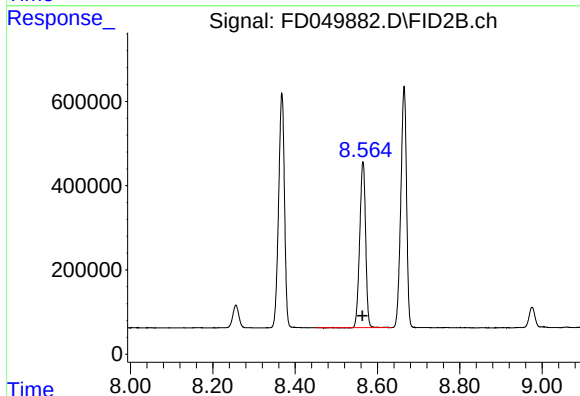
R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 5766346
Conc: 51.95 ug/ml



#5 Acenaphthylene (C15.06)

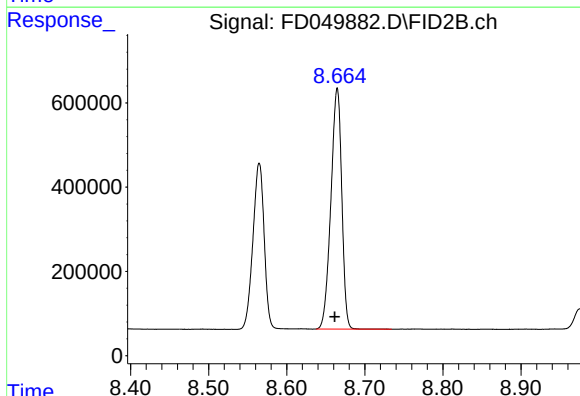
R.T.: 8.368 min
Delta R.T.: 0.002 min
Response: 5505016
Conc: 40.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PB170417BSD



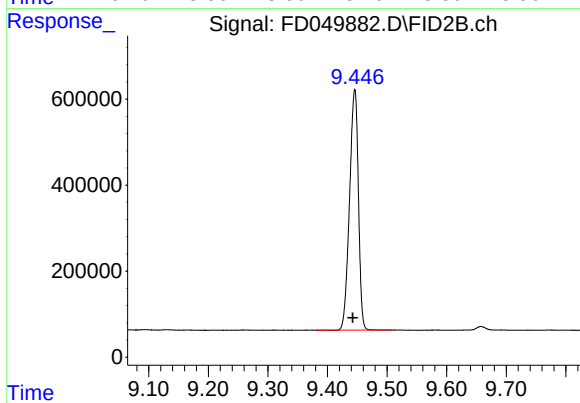
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 3945052
Conc: 50.36 ug/ml



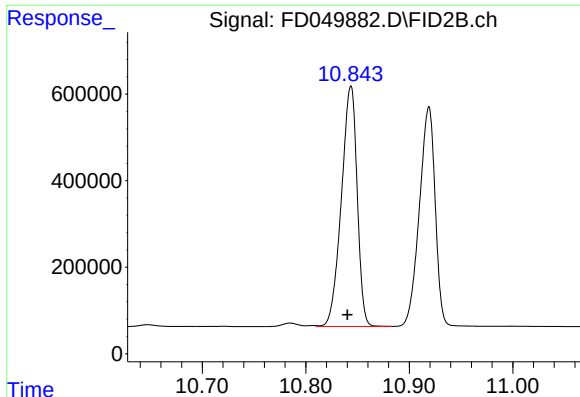
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.003 min
Response: 5531323
Conc: 40.58 ug/ml



#8 Fluorene (C16.55)

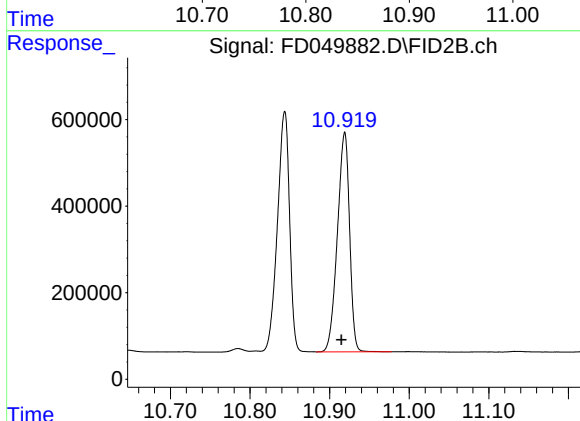
R.T.: 9.445 min
Delta R.T.: 0.003 min
Response: 5780829
Conc: 42.51 ug/ml



#9 Phenanthrene (C19.36)

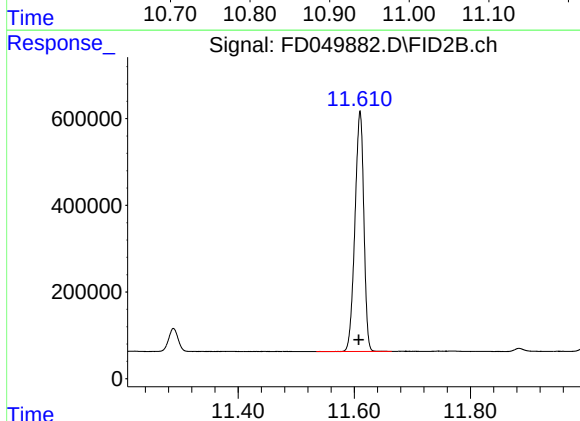
R.T.: 10.843 min
Delta R.T.: 0.003 min
Response: 5889620
Conc: 42.59 ug/ml

Instrument :
FID_D
ClientSampleId :
PB170417BSD



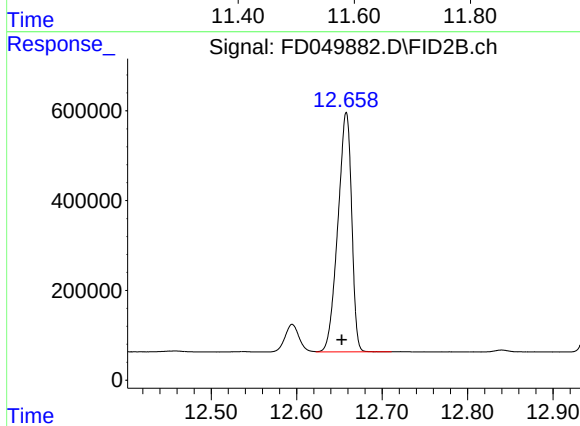
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.004 min
Response: 5387516
Conc: 42.24 ug/ml



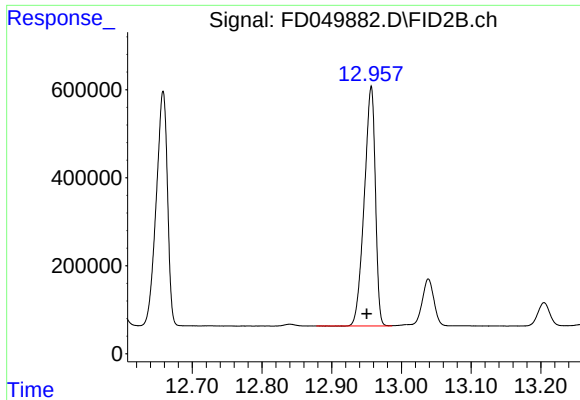
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.002 min
Response: 5894943
Conc: 41.64 ug/ml



#12 Fluoranthene (C21.85)

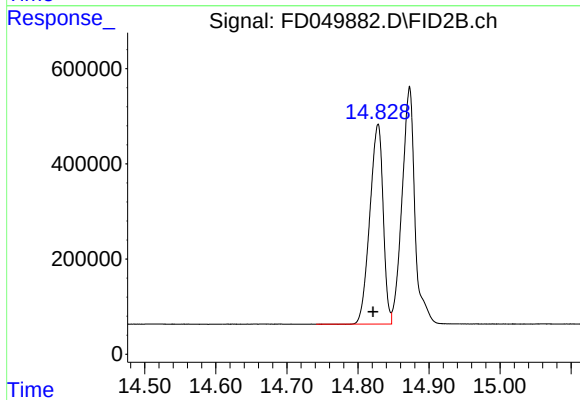
R.T.: 12.658 min
Delta R.T.: 0.005 min
Response: 5979739
Conc: 43.00 ug/ml



#13 Pyrene (C20.8)

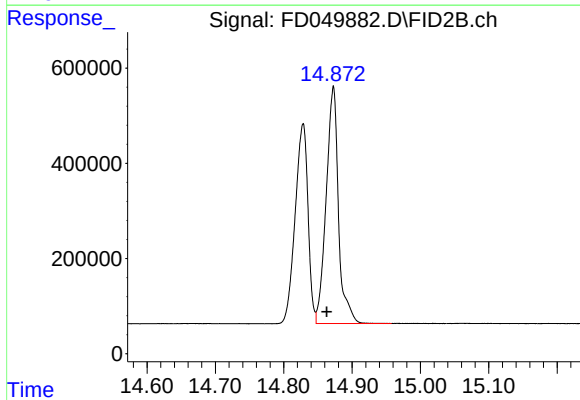
R.T.: 12.956 min
Delta R.T.: 0.006 min
Response: 6027094
Conc: 43.45 ug/ml

Instrument :
FID_D
ClientSampleId :
PB170417BSD



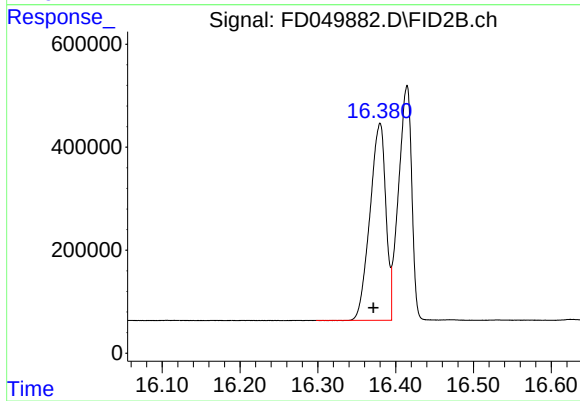
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.007 min
Response: 5473681
Conc: 43.29 ug/ml



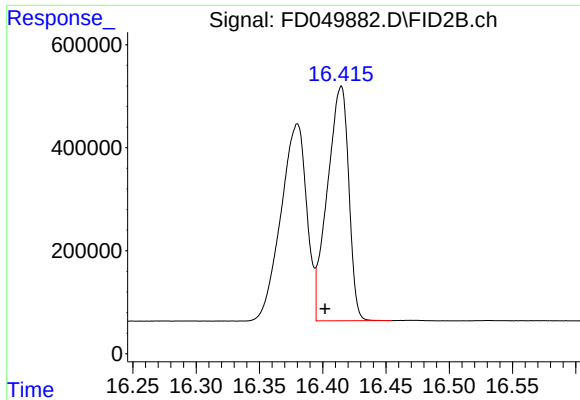
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.009 min
Response: 6250218
Conc: 47.64 ug/ml



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

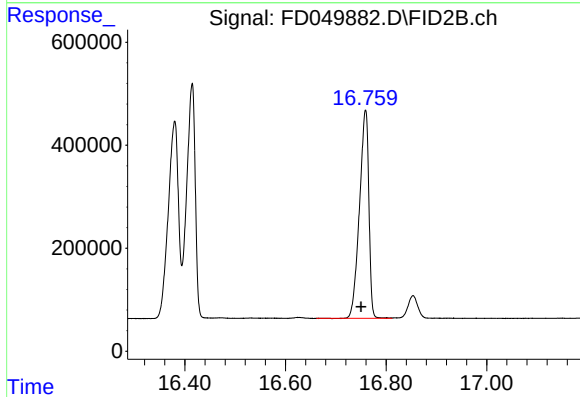
R.T.: 16.379 min
Delta R.T.: 0.008 min
Response: 5432140
Conc: 42.17 ug/ml



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

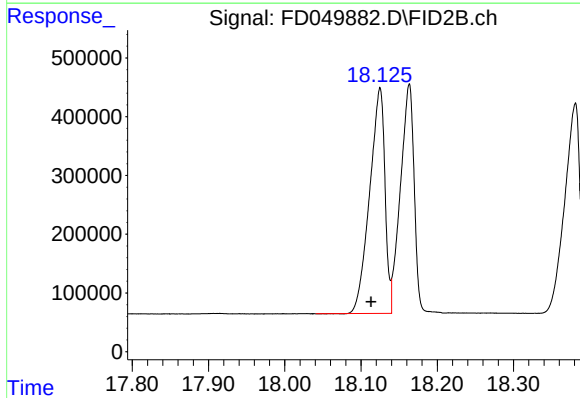
R.T.: 16.414 min
Delta R.T.: 0.012 min
Response: 5346346
Conc: 43.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB170417BSD



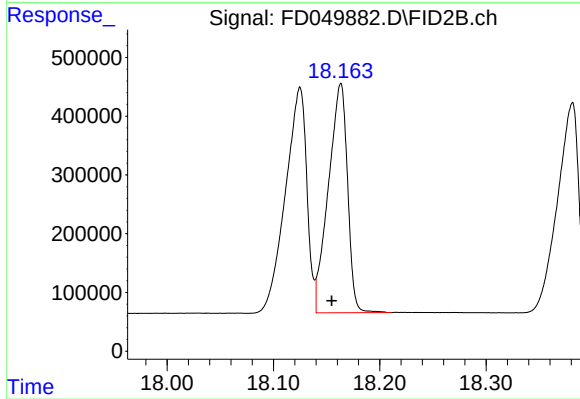
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.759 min
Delta R.T.: 0.008 min
Response: 5239777
Conc: 41.84 ug/ml



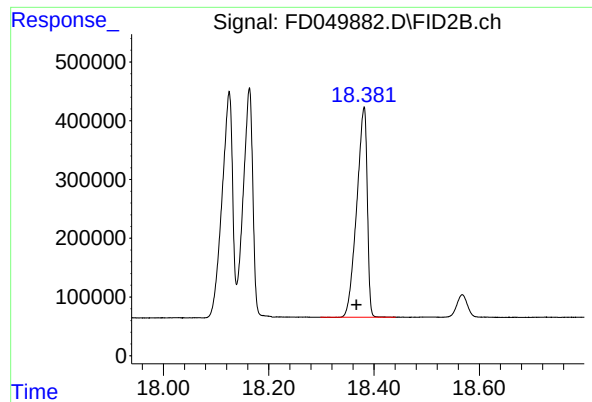
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.124 min
Delta R.T.: 0.011 min
Response: 5373392
Conc: 46.69 ug/ml



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

R.T.: 18.163 min
Delta R.T.: 0.008 min
Response: 4867736
Conc: 37.59 ug/ml



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

R.T.: 18.380 min
Delta R.T.: 0.014 min
Response: 4950149
Conc: 39.35 ug/ml

Instrument :

FID_D

ClientSampleId :

PB170417BSD