

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049804.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 19:37
 Operator : YP/AJ
 Sample : Q3238-01MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 06:18:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.698	4901926	41.257 ug/ml
Spiked Amount 50.000		Recovery =	82.51%
6) S 2-Fluorobiphenyl (SURR)	8.562	3563531	41.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.95%
11) S ortho-Terphenyl (SURR)	11.608	3862905	25.876 ug/ml
Spiked Amount 50.000		Recovery =	51.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3123604	27.486 ug/ml
2) T Naphthalene (C11.7)	6.031	3841877	29.119 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	3990514	28.841 ug/ml
5) T Acenaphthylene (C15.06)	8.365	4664802	31.928 ug/ml
7) T Acenaphthene (C15.5)	8.662	4817368	33.084 ug/ml
8) T Fluorene (C16.55)	9.443	5059806	34.647 ug/ml
9) T Phenanthrene (C19.36)	10.841	5356531	36.643 ug/ml
10) T Anthracene (C19.43)	10.917	5313697	39.102 ug/ml
12) T Fluoranthene (C21.85)	12.656	5408526	37.964 ug/ml
13) T Pyrene (C20.8)	12.954	5407853	38.469 ug/ml
14) T Benzo[a]anthracene (C...	14.827	4878971	38.794 ug/ml
15) T Chrysene (C27.41)	14.870	5434064	42.298 ug/ml
16) T benzo[b]fluoranthene ...	16.377	4705740	37.777 ug/ml
17) T Bnezo[k]fluoranthene ...	16.412	4637998	39.484 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.757	4434170	36.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.122	4737240	42.132 ug/ml
20) T Dibenz[a,h]anthracene...	18.161	4322636	35.357 ug/ml
21) T Benzo[g,h,i]perylene ...	18.379	4357603	36.433 ug/ml

(f)=RT Delta > 1/2 Window

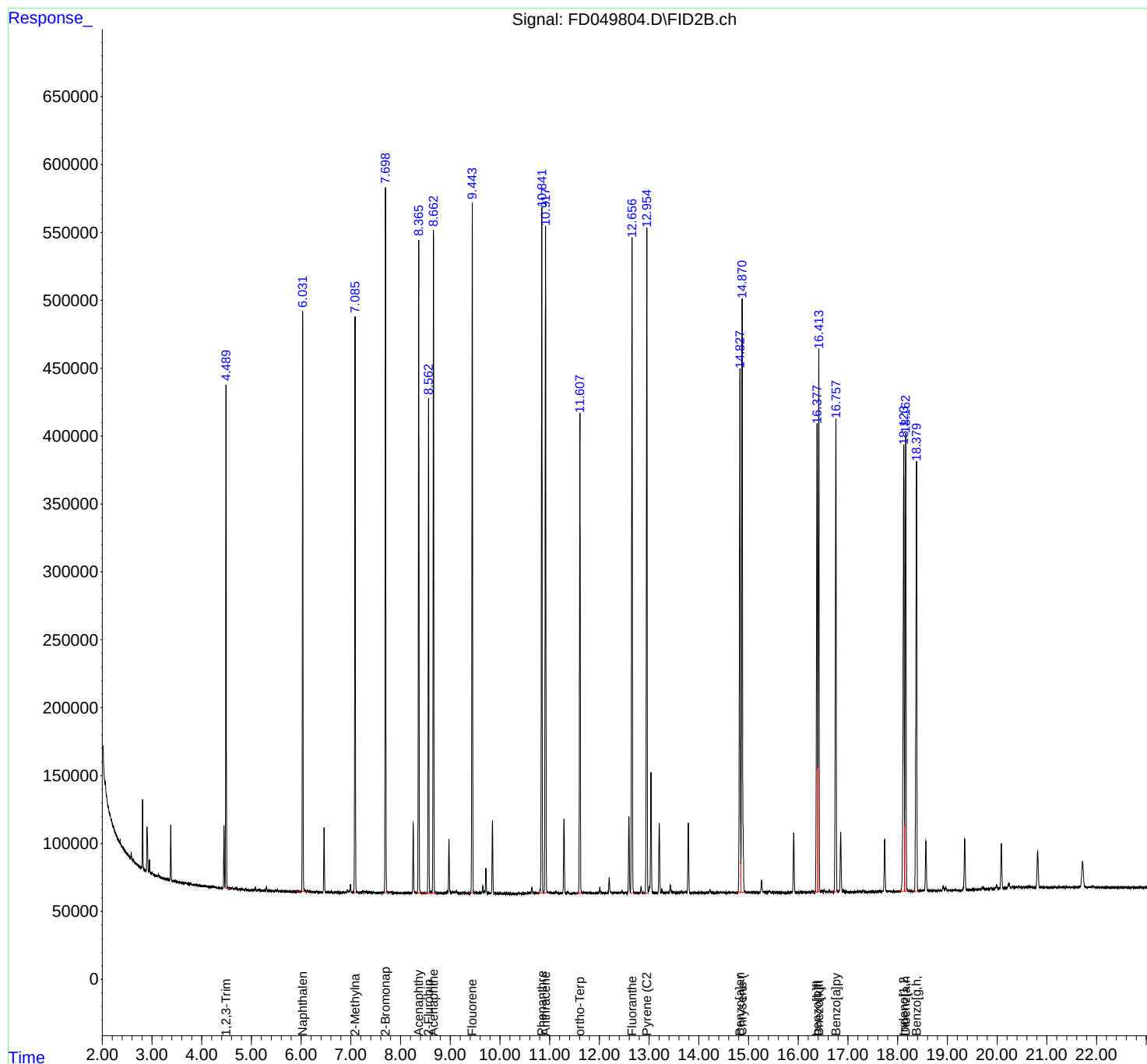
(m)=manual int.

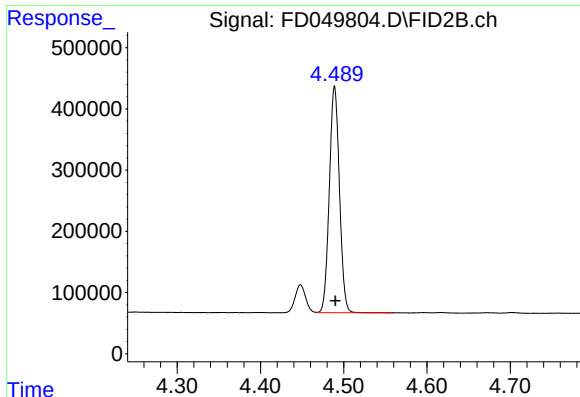
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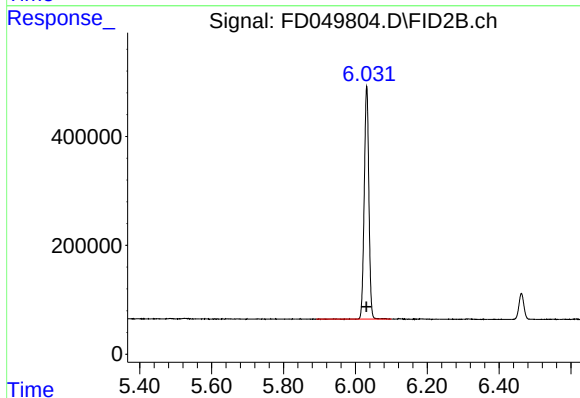




#1 1,2,3-Trimethylbenzene (C10.1)

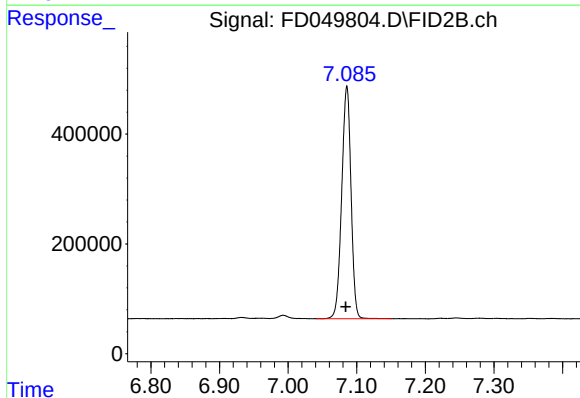
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 3123604
Conc: 27.49 ug/ml

Instrument :
FID_F
ClientSampleId :



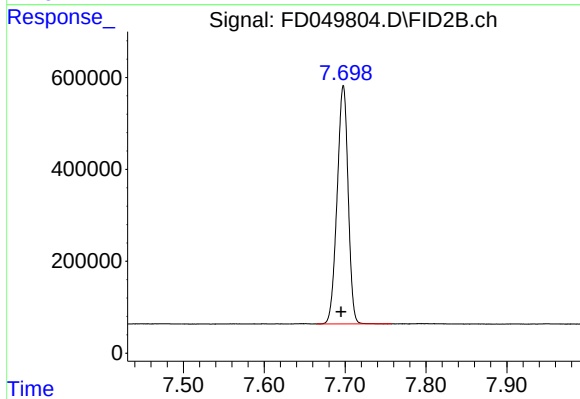
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 3841877
Conc: 29.12 ug/ml



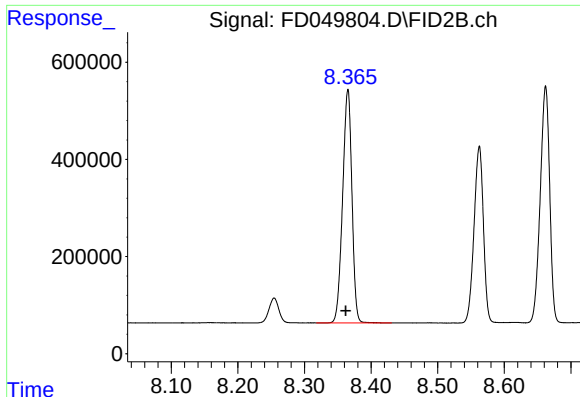
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: 0.001 min
Response: 3990514
Conc: 28.84 ug/ml



#4 2-Bromonaphthalene (SURR)

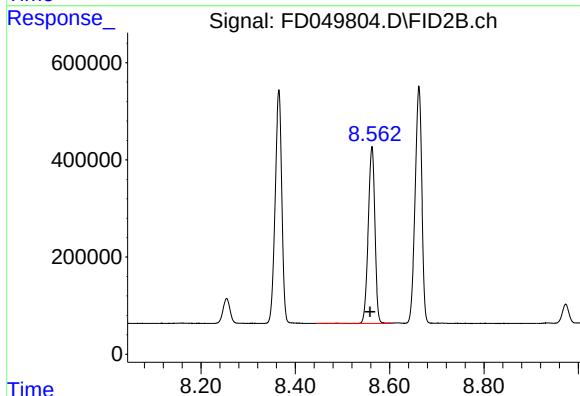
R.T.: 7.698 min
Delta R.T.: 0.003 min
Response: 4901926
Conc: 41.26 ug/ml



#5 Acenaphthylene (C15.06)

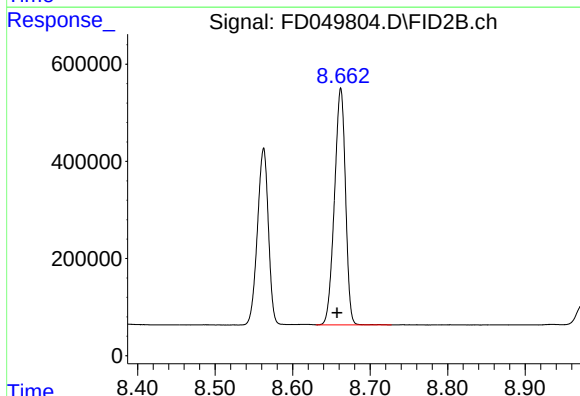
R.T.: 8.365 min
Delta R.T.: 0.003 min
Response: 4664802
Conc: 31.93 ug/ml

Instrument :
FID_F
ClientSampleId :



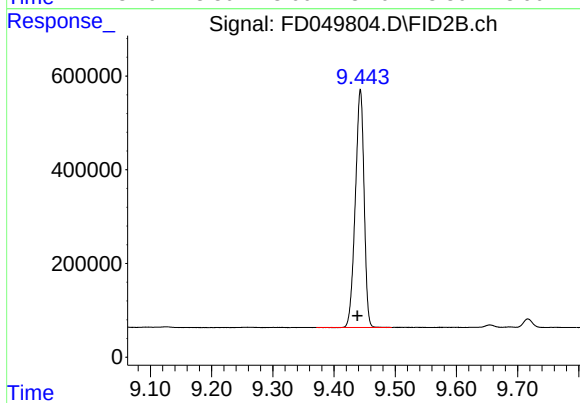
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 3563531
Conc: 41.97 ug/ml



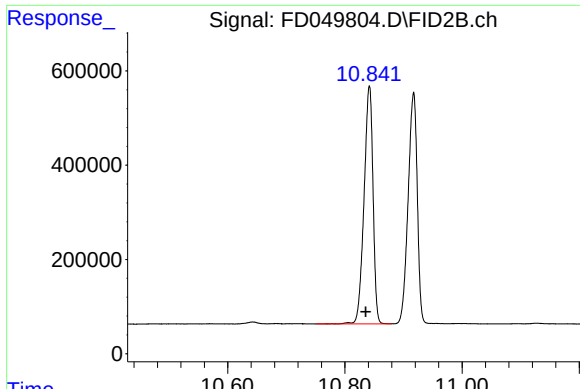
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: 0.005 min
Response: 4817368
Conc: 33.08 ug/ml



#8 Fluorene (C16.55)

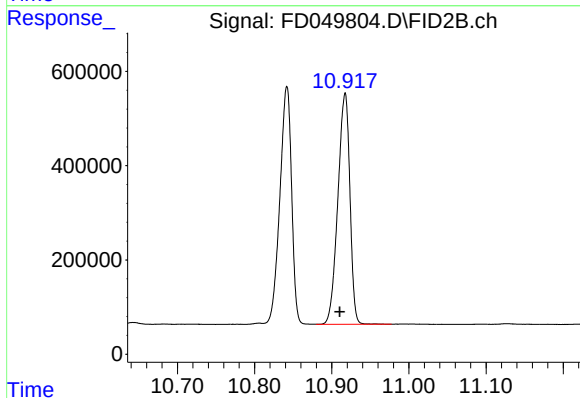
R.T.: 9.443 min
Delta R.T.: 0.005 min
Response: 5059806
Conc: 34.65 ug/ml



#9 Phenanthrene (C19.36)

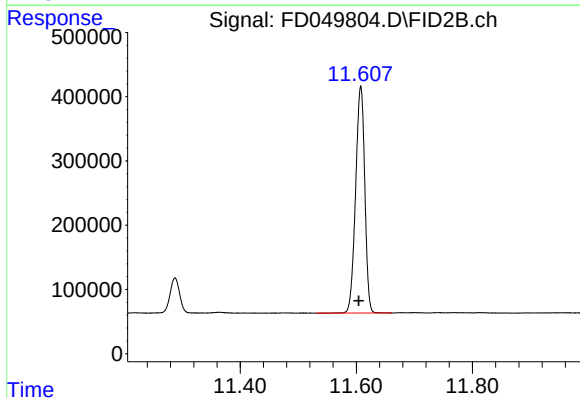
R.T.: 10.841 min
Delta R.T.: 0.006 min
Response: 5356531
Conc: 36.64 ug/ml

Instrument :
FID_F
ClientSampleId :



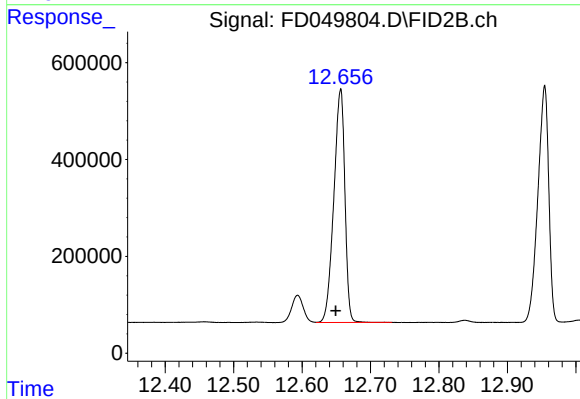
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: 0.007 min
Response: 5313697
Conc: 39.10 ug/ml



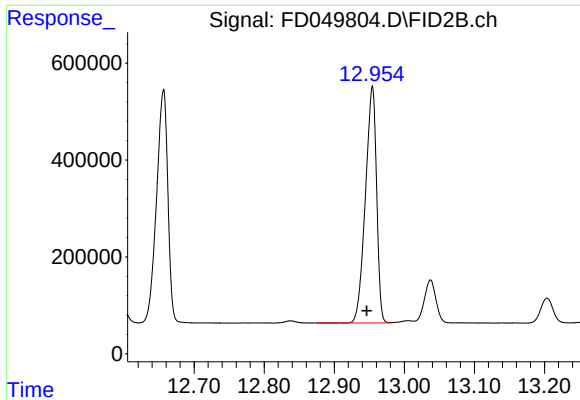
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: 0.003 min
Response: 3862905
Conc: 25.88 ug/ml



#12 Fluoranthene (C21.85)

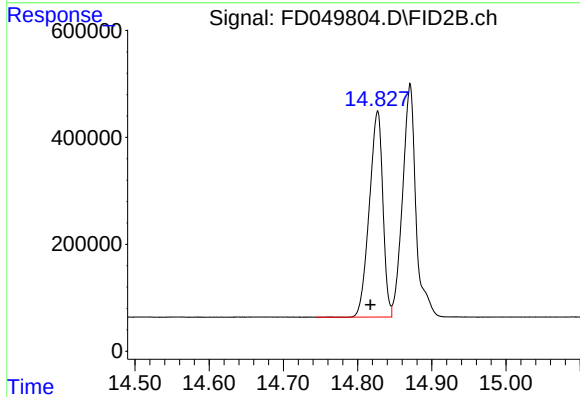
R.T.: 12.656 min
Delta R.T.: 0.007 min
Response: 5408526
Conc: 37.96 ug/ml



#13 Pyrene (C20.8)

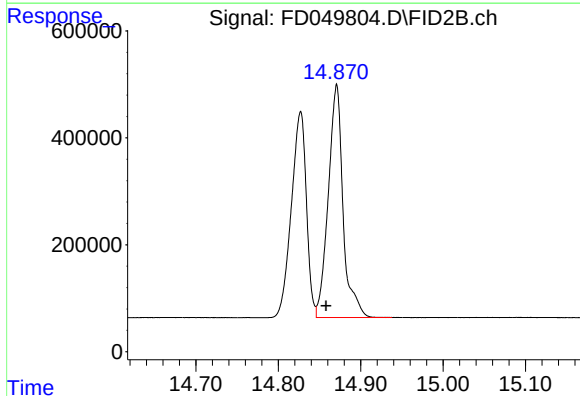
R.T.: 12.954 min
Delta R.T.: 0.007 min
Response: 5407853
Conc: 38.47 ug/ml

Instrument :
FID_F
ClientSampleId :



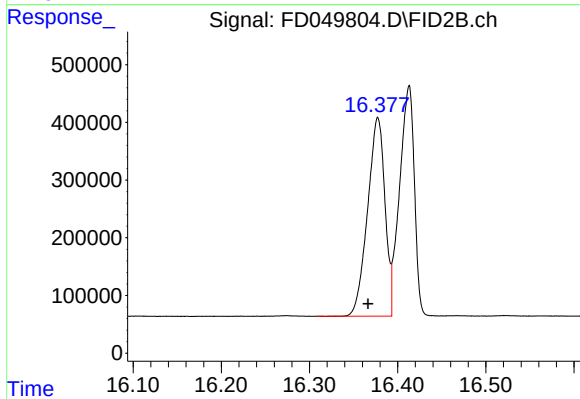
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: 0.009 min
Response: 4878971
Conc: 38.79 ug/ml



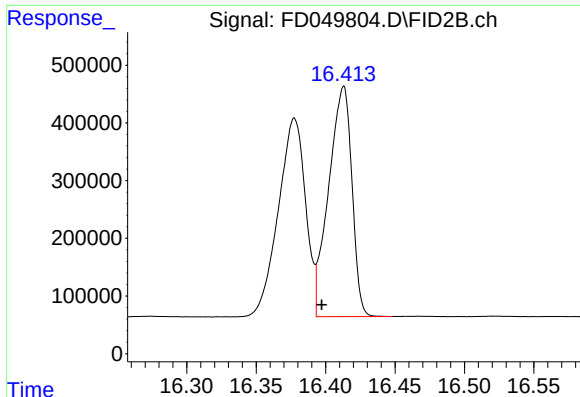
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.012 min
Response: 5434064
Conc: 42.30 ug/ml



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

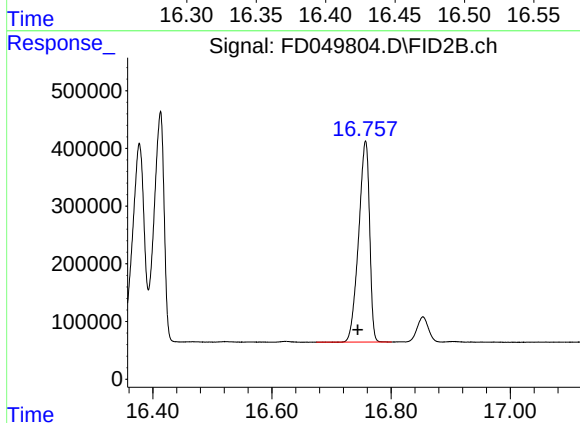
R.T.: 16.377 min
Delta R.T.: 0.011 min
Response: 4705740
Conc: 37.78 ug/ml



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

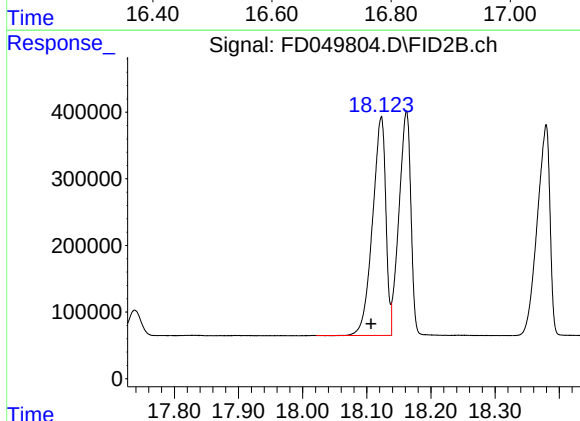
R.T.: 16.412 min
Delta R.T.: 0.015 min
Response: 4637998
Conc: 39.48 ug/ml

Instrument :
FID_F
ClientSampleId :



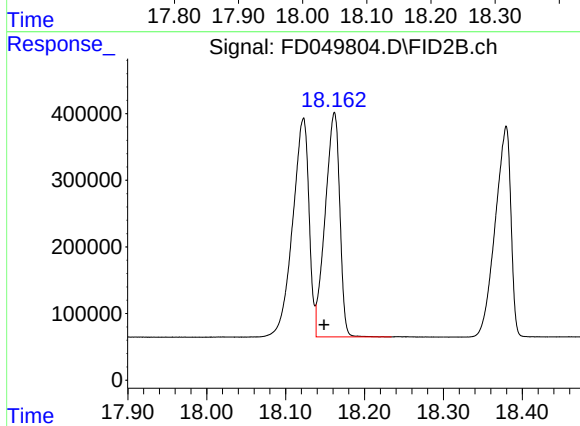
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.757 min
Delta R.T.: 0.012 min
Response: 4434170
Conc: 36.54 ug/ml



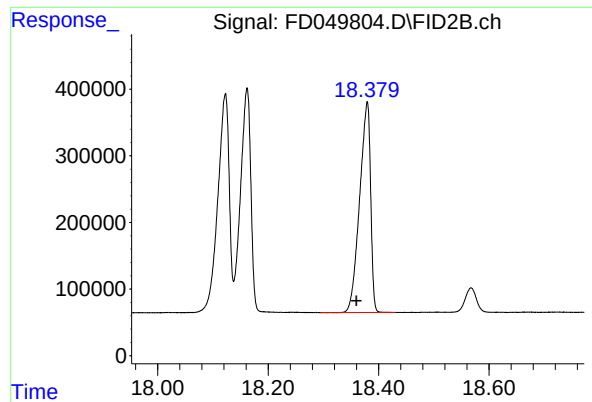
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.122 min
Delta R.T.: 0.015 min
Response: 4737240
Conc: 42.13 ug/ml



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

R.T.: 18.161 min
Delta R.T.: 0.013 min
Response: 4322636
Conc: 35.36 ug/ml



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

R.T.: 18.379 min
Delta R.T.: 0.019 min
Response: 4357603
Conc: 36.43 ug/ml

Instrument :

FID_F

ClientSampleId :