

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AR\
 Data File : FD049216.D
 Signal(s) : FID2B.ch
 Acq On : 02 Apr 2025 18:22
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 02 19:09:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 02 19:09:20 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...	7.747	603395	5.165 ug/ml
Spiked Amount 50.000		Recovery =	10.33%
6) S 2-Fluorobiphenyl (SURR)	8.612	410314	5.052 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.10%
11) S ortho-Terphenyl (SURR)	11.652	789400	5.337 ug/ml
Spiked Amount 50.000		Recovery =	10.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	608280	5.424 ug/ml
2) T Naphthalene (C11.7)	6.084	666977	5.342 ug/ml
3) T 2-Methylnaphthalene (...)	7.137	651984	5.255 ug/ml
5) T Acenaphthylene (C15.06)	8.415	759366	5.366 ug/ml
7) T Acenaphthene (C15.5)	8.710	702165	5.197 ug/ml
8) T Fluorene (C16.55)	9.490	660164	4.968 ug/ml
9) T Phenanthrene (C19.36)	10.888	701263	4.985 ug/ml
10) T Anthracene (C19.43)	10.961	549262	4.531 ug/ml
12) T Fluoranthene (C21.85)	12.699	747698	5.070 ug/ml
13) T Pyrene (C20.8)	12.997	749424	5.042 ug/ml
14) T Benzo[a]anthracene (C...	14.864	465297	4.191 ug/ml
15) T Chrysene (C27.41)	14.905	530123	4.501 ug/ml
16) T benzo[b]fluoranthene ...	16.412	586211	4.830 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	531408	4.629 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.791	488256	4.535 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	456600	4.685 ug/ml
20) T Dibenz[a,h]anthracene...	18.192	299838	3.780 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	578691	5.141 ug/ml

(f)=RT Delta > 1/2 Window

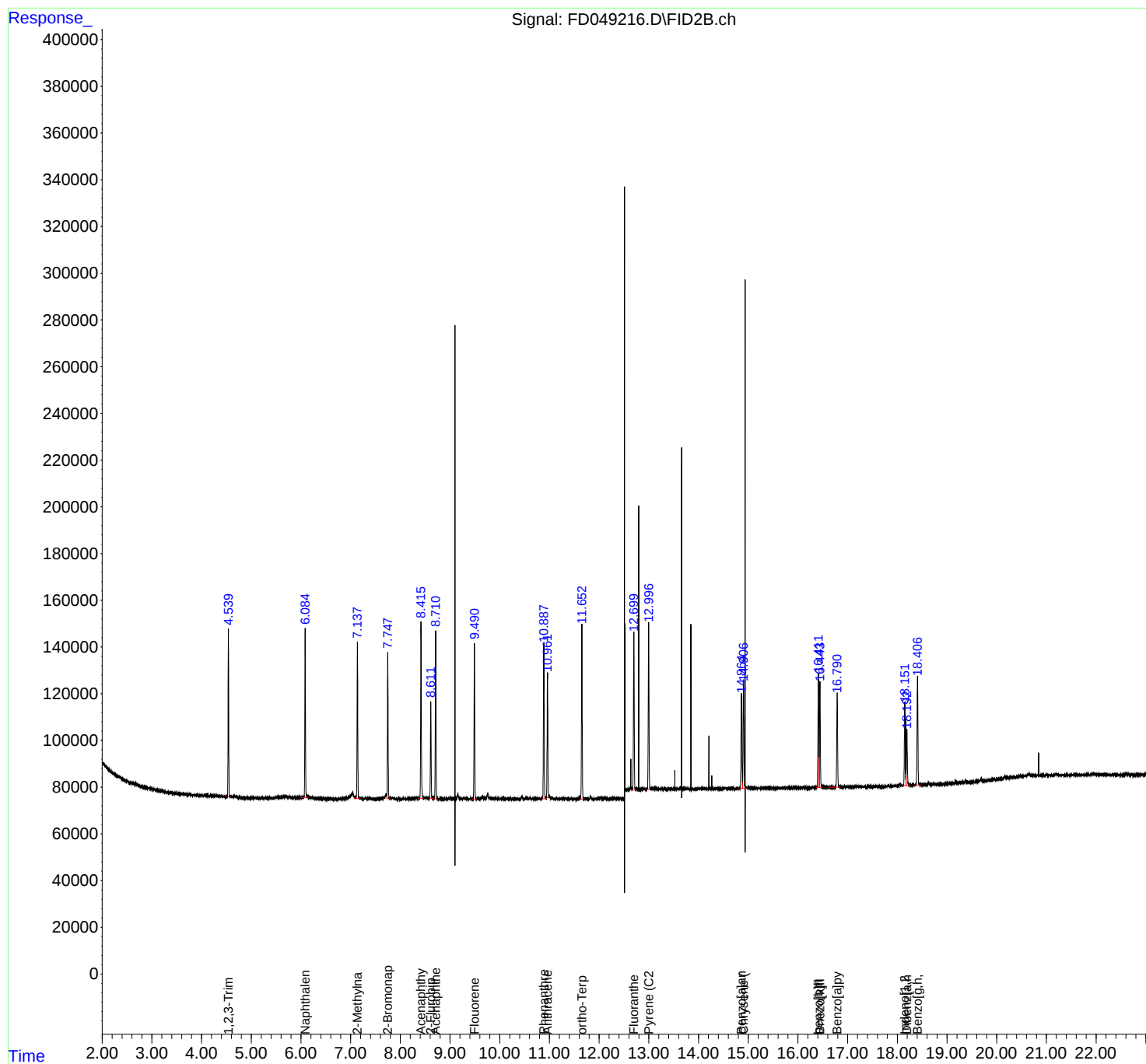
(m)=manual int.

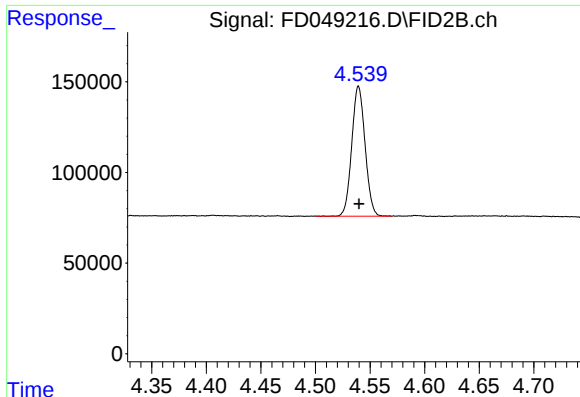
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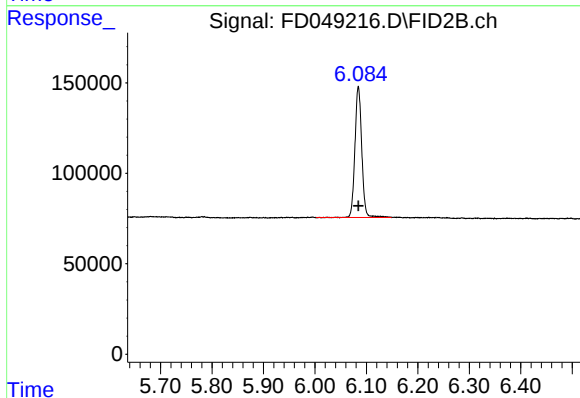




#1 1,2,3-Trimethylbenzene (C10.1)

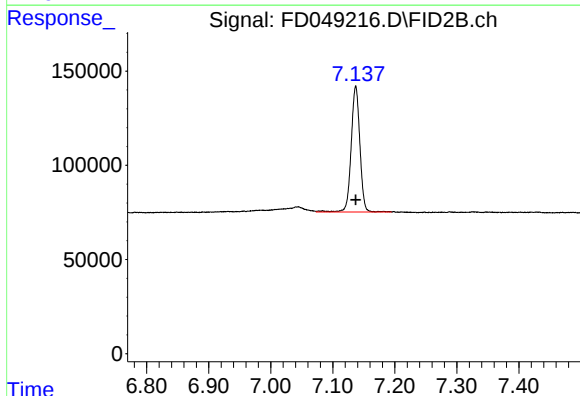
R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 608280
Conc: 5.42 ug/ml

Instrument :
FID_D
ClientSampleId :



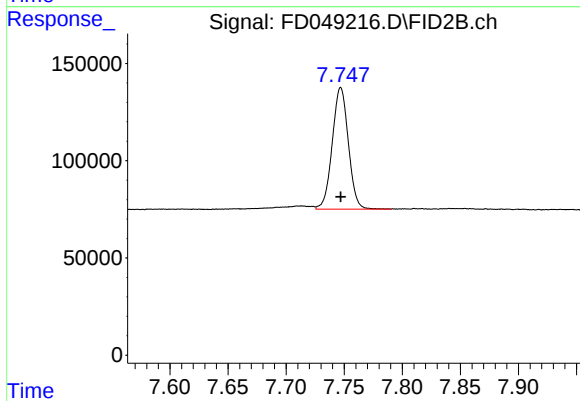
#2 Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 666977
Conc: 5.34 ug/ml



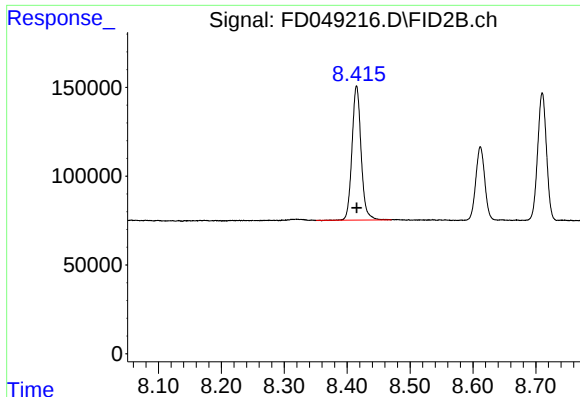
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 651984
Conc: 5.26 ug/ml



#4 2-Bromonaphthalene (SURR)

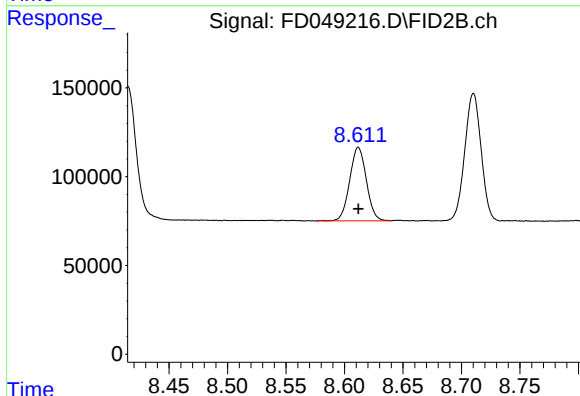
R.T.: 7.747 min
Delta R.T.: 0.000 min
Response: 603395
Conc: 5.16 ug/ml



#5 Acenaphthylene (C15.06)

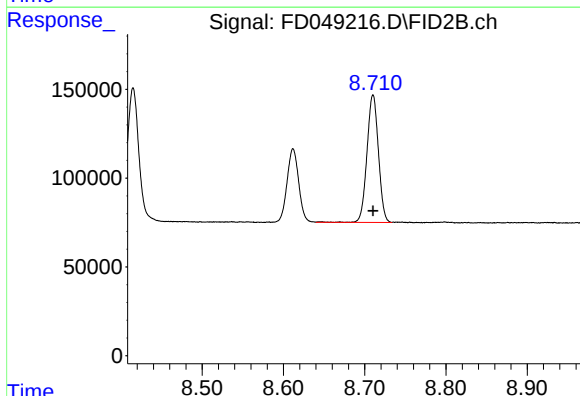
R.T.: 8.415 min
Delta R.T.: 0.000 min
Response: 759366
Conc: 5.37 ug/ml

Instrument :
FID_D
ClientSampleId :



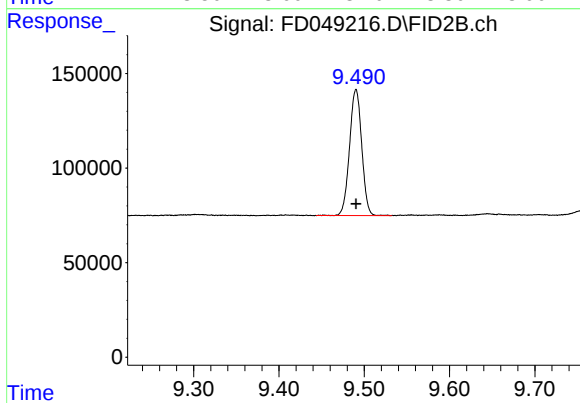
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 410314
Conc: 5.05 ug/ml



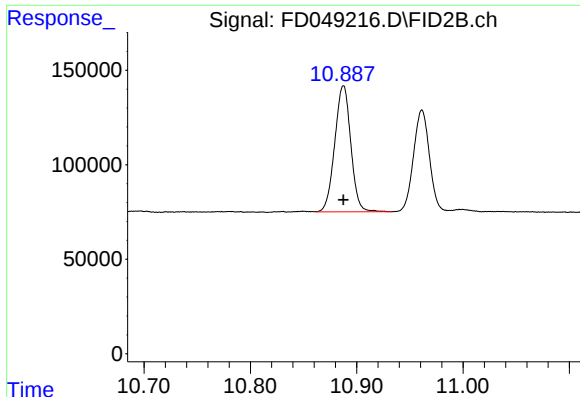
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: 0.000 min
Response: 702165
Conc: 5.20 ug/ml



#8 Flouorene (C16.55)

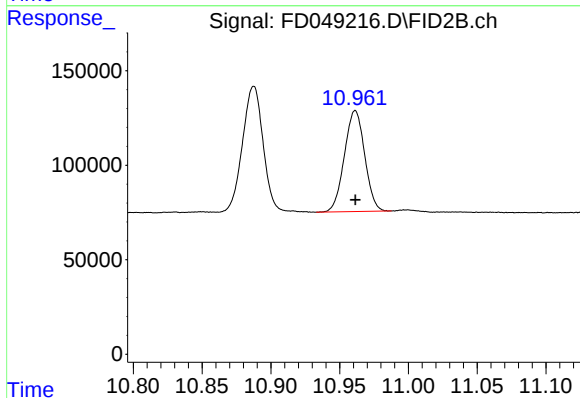
R.T.: 9.490 min
Delta R.T.: 0.000 min
Response: 660164
Conc: 4.97 ug/ml



#9 Phenanthrene (C19.36)

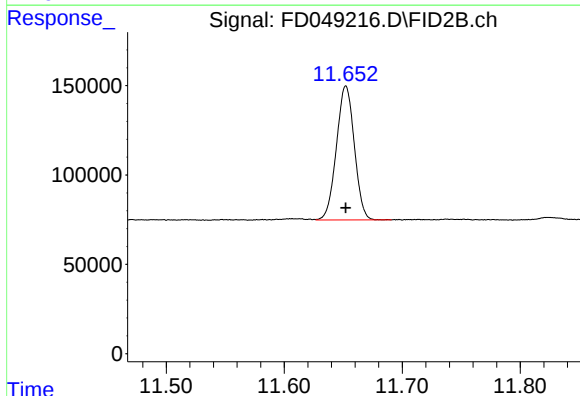
R.T.: 10.888 min
Delta R.T.: 0.000 min
Response: 701263
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :



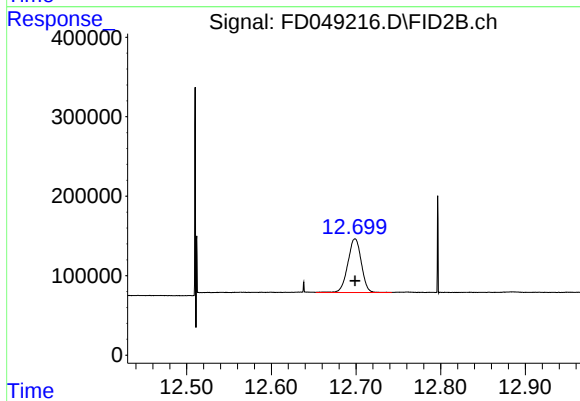
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: 0.000 min
Response: 549262
Conc: 4.53 ug/ml



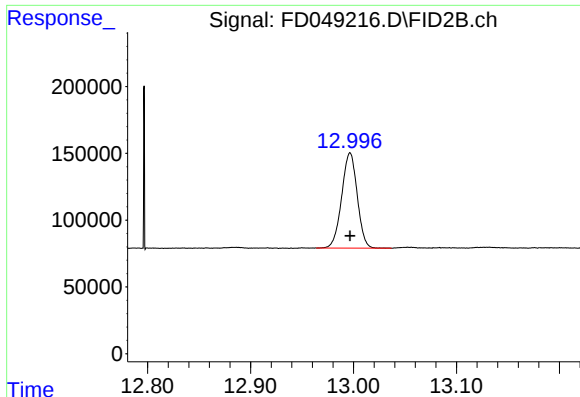
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 789400
Conc: 5.34 ug/ml



#12 Fluoranthene (C21.85)

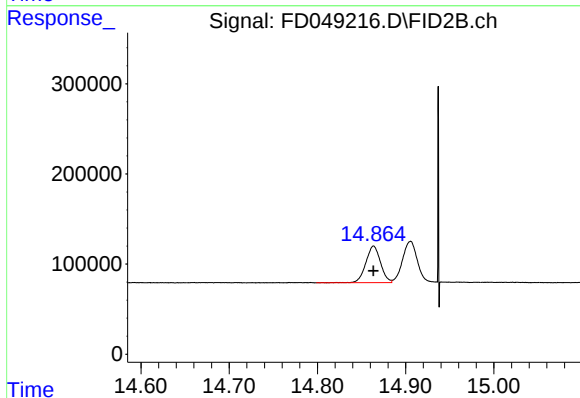
R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 747698
Conc: 5.07 ug/ml



#13 Pyrene (C20.8)

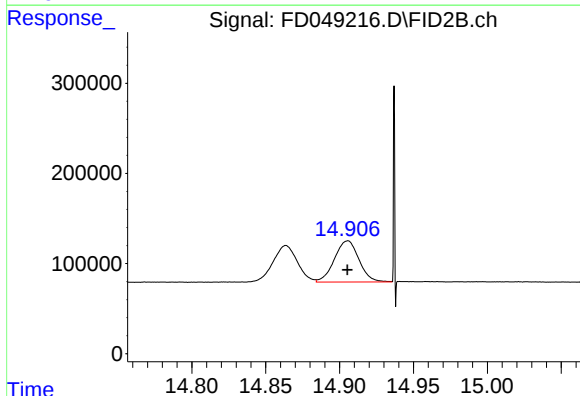
R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 749424
Conc: 5.04 ug/ml

Instrument :
FID_D
ClientSampleId :



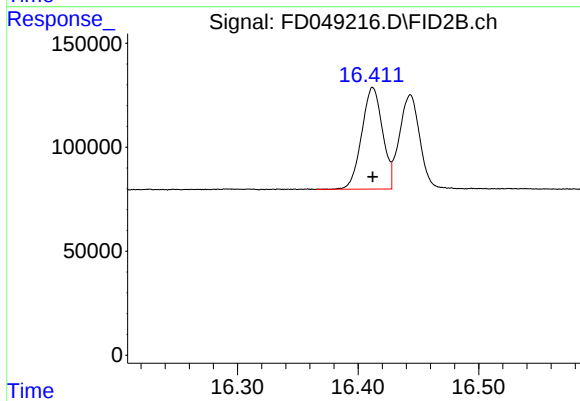
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.000 min
Response: 465297
Conc: 4.19 ug/ml



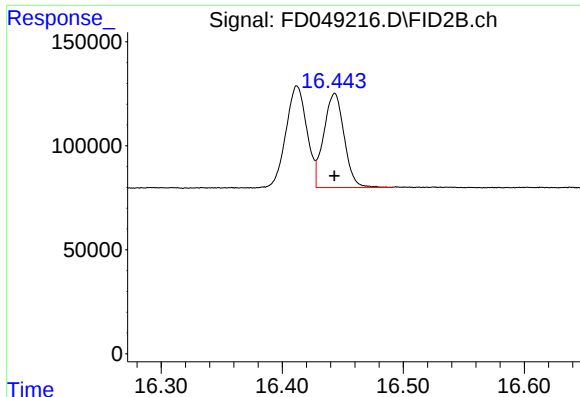
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 530123
Conc: 4.50 ug/ml



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

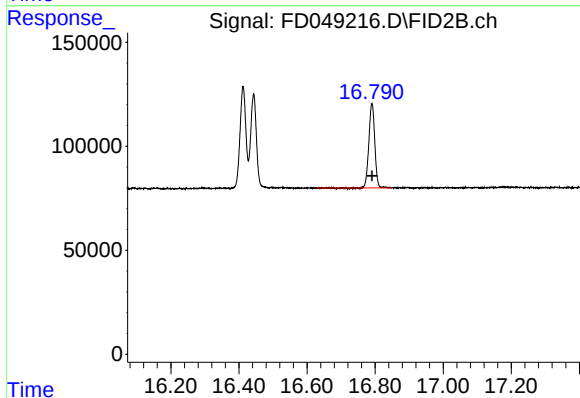
R.T.: 16.412 min
Delta R.T.: 0.000 min
Response: 586211
Conc: 4.83 ug/ml



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

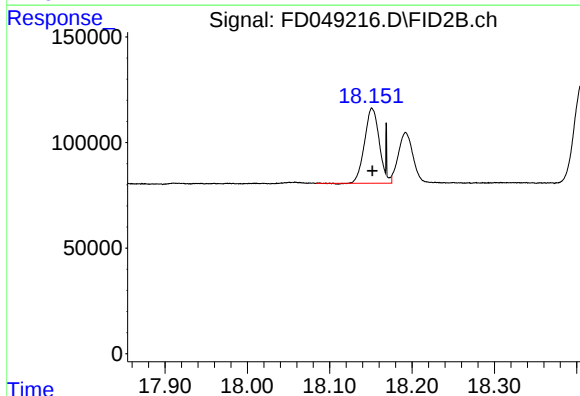
R.T.: 16.443 min
Delta R.T.: 0.000 min
Response: 531408
Conc: 4.63 ug/ml

Instrument :
FID_D
ClientSampleId :



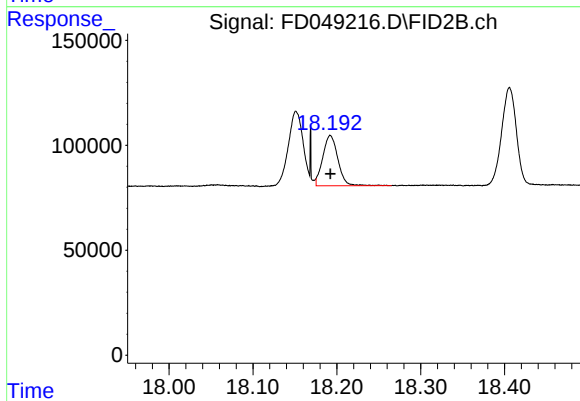
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.791 min
Delta R.T.: 0.000 min
Response: 488256
Conc: 4.54 ug/ml



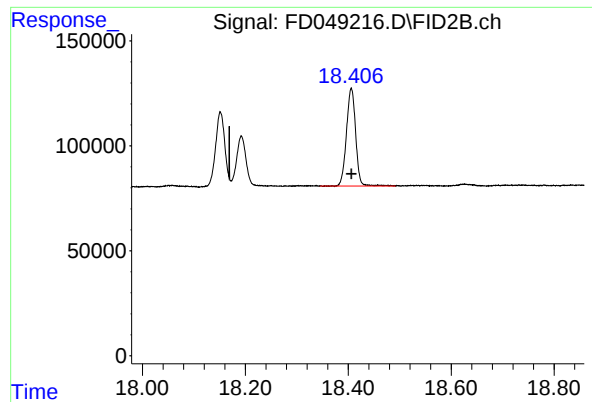
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: 0.000 min
Response: 456600
Conc: 4.68 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.000 min
Response: 299838
Conc: 3.78 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.000 min
Response: 578691
Conc: 5.14 ug/ml

Instrument :

FID_D

ClientSampleId :