

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045417.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 19:32
 Operator : YP/AJ
 Sample : PB151925BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 07:13:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.548	5440288	39.708 ug/ml
Spiked Amount 50.000		Recovery =	79.42%
6) S 2-Fluorobiphenyl (SURR)	8.404	3333283	37.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.36%
11) S ortho-Terphenyl (SURR)	11.444	5948478	34.190 ug/ml
Spiked Amount 50.000		Recovery =	68.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	4210738	27.030 ug/ml
2) T Naphthalene (C11.7)	5.886	4693612	29.206 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	4631507	28.932 ug/ml
5) T Acenaphthylene (C15.06)	8.208	4993740	34.107 ug/ml
7) T Acenaphthene (C15.5)	8.504	5240044	33.784 ug/ml
8) T Flouorene (C16.55)	9.283	5108983	34.453 ug/ml
9) T Phenanthrene (C19.36)	10.674	5191286	35.838 ug/ml
10) T Anthracene (C19.43)	10.748	5093120	36.847 ug/ml
12) T Fluoranthene (C21.85)	12.478	5232346	36.368 ug/ml
13) T Pyrene (C20.8)	12.774	5207779	37.040 ug/ml
14) T Benzo[a]anthracene (C...	14.639	4786614	37.324 ug/ml
15) T Chrysene (C27.41)	14.682	4677819	35.277 ug/ml
16) T benzo[b]fluoranthene ...	16.182	4831637	37.194 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	4629655	36.553 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	4238577	33.712 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	3978519	33.614 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	3970962	33.331 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	4345243	34.787 ug/ml

(f)=RT Delta > 1/2 Window

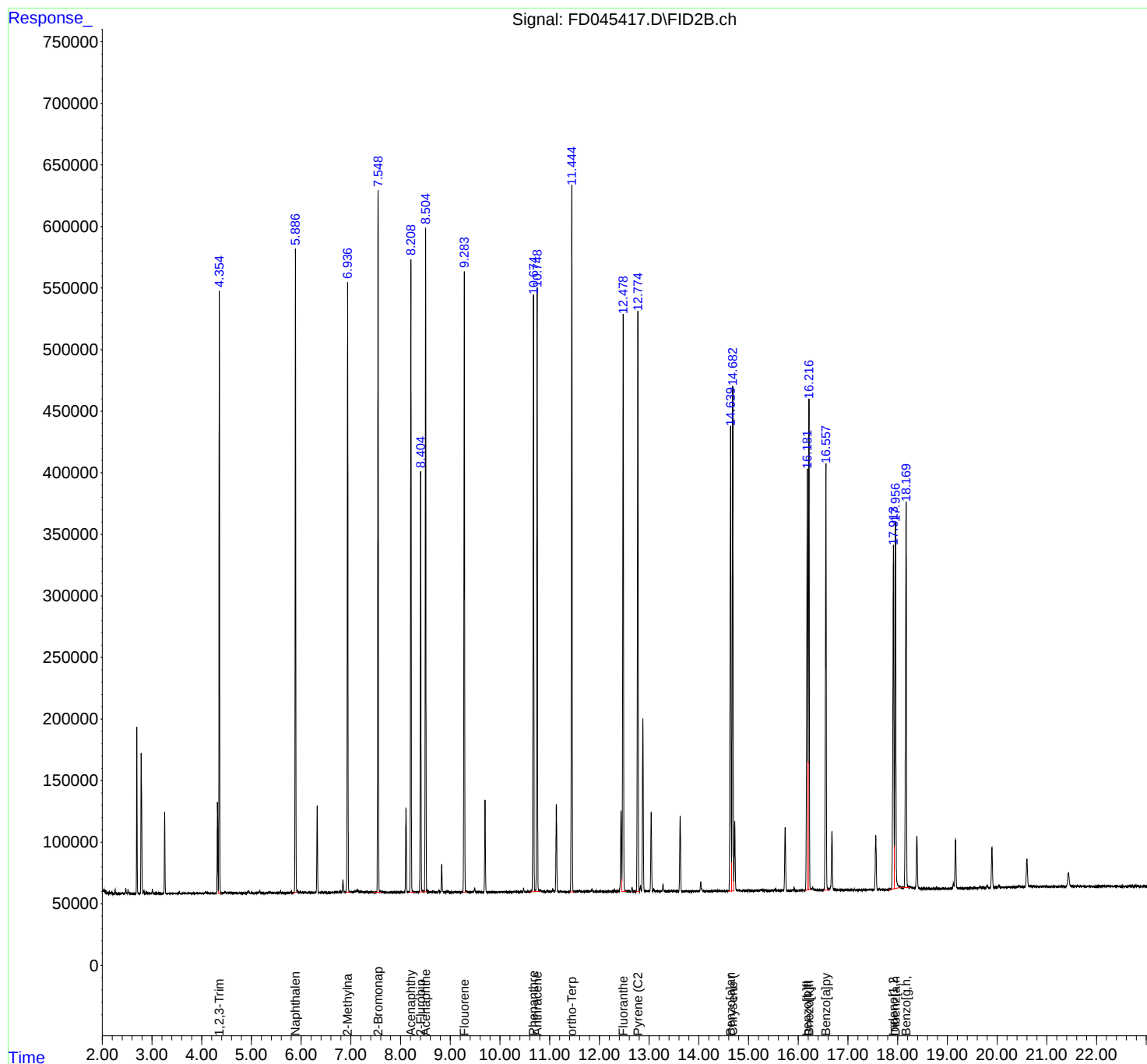
(m)=manual int.

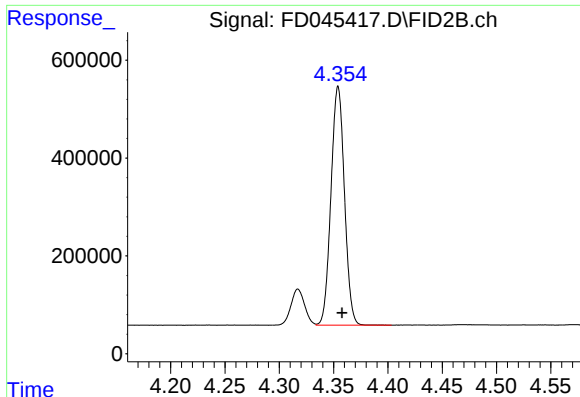
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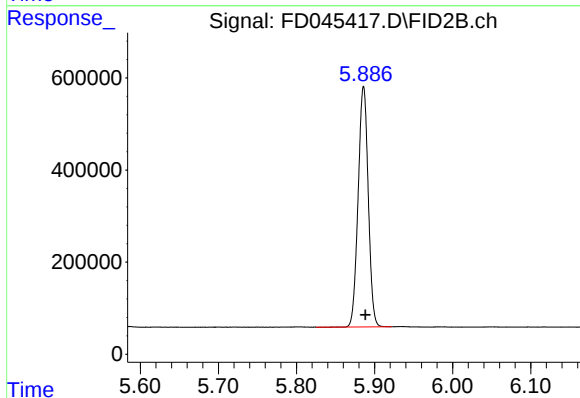




#1 1,2,3-Trimethylbenzene (C10.1)

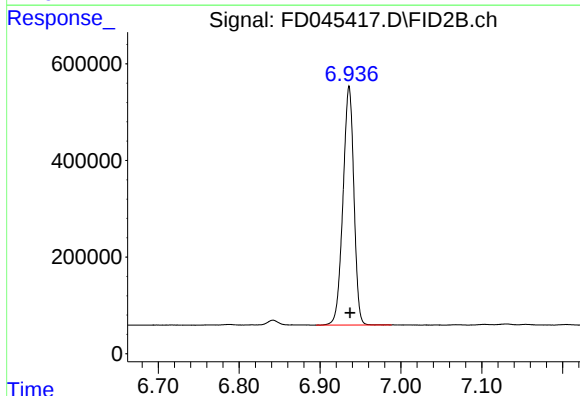
R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 4210738
Conc: 27.03 ug/ml

Instrument :
FID_D
ClientSampleId :



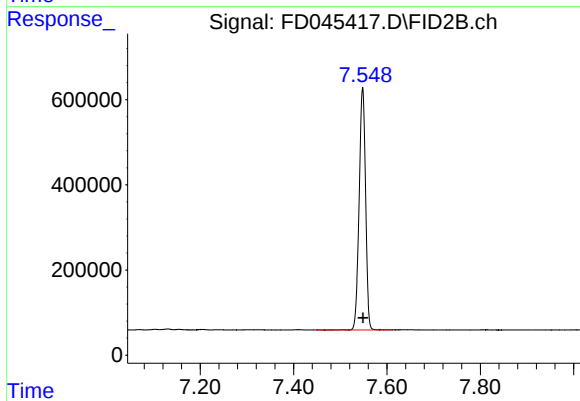
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 4693612
Conc: 29.21 ug/ml



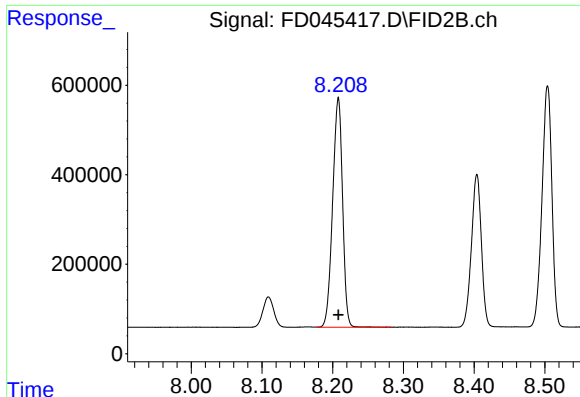
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 4631507
Conc: 28.93 ug/ml



#4 2-Bromonaphthalene (SURR)

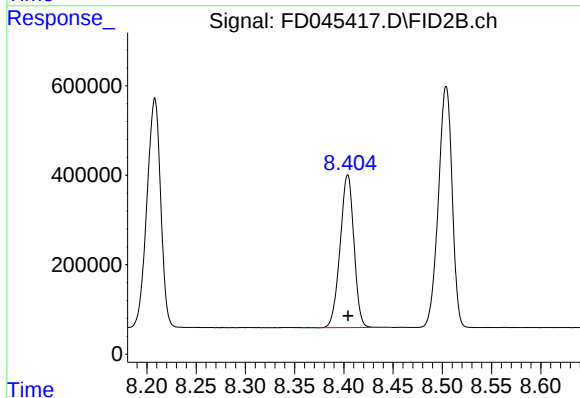
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 5440288
Conc: 39.71 ug/ml



#5 Acenaphthylene (C15.06)

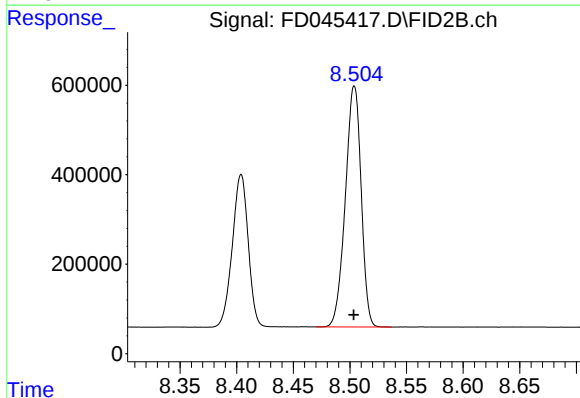
R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 4993740
Conc: 34.11 ug/ml

Instrument :
FID_D
ClientSampleId :



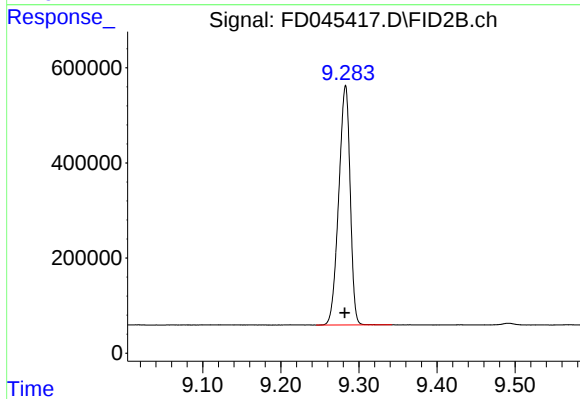
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 3333283
Conc: 37.18 ug/ml



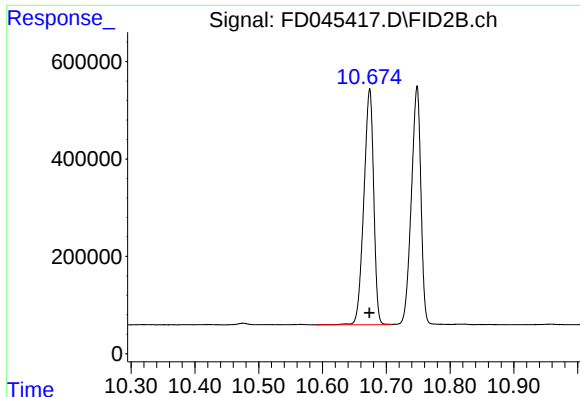
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 5240044
Conc: 33.78 ug/ml



#8 Fluorene (C16.55)

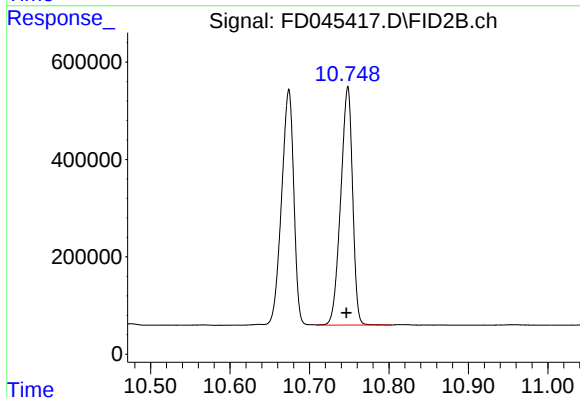
R.T.: 9.283 min
Delta R.T.: 0.000 min
Response: 5108983
Conc: 34.45 ug/ml



#9 Phenanthrene (C19.36)

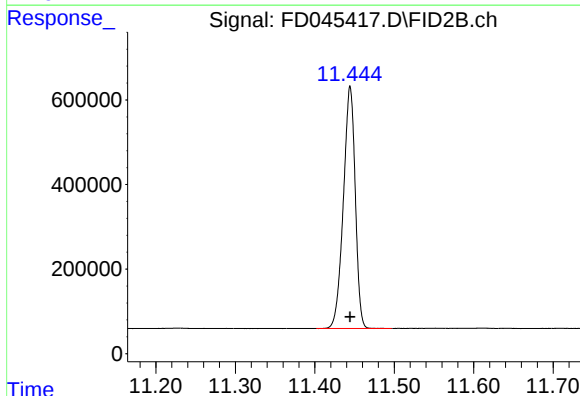
R.T.: 10.674 min
Delta R.T.: 0.000 min
Response: 5191286
Conc: 35.84 ug/ml

Instrument :
FID_D
ClientSampleId :



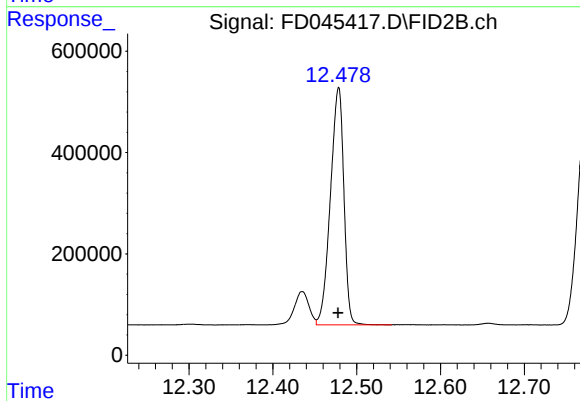
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.001 min
Response: 5093120
Conc: 36.85 ug/ml



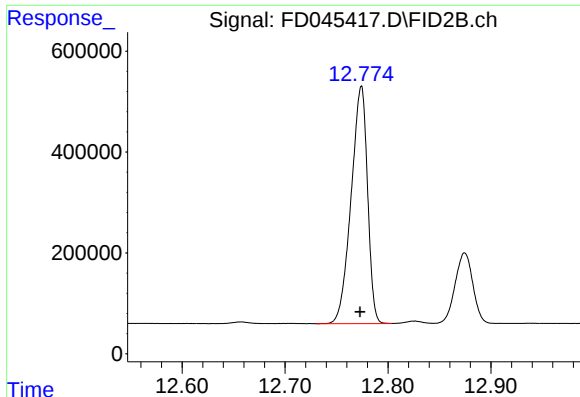
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 5948478
Conc: 34.19 ug/ml



#12 Fluoranthene (C21.85)

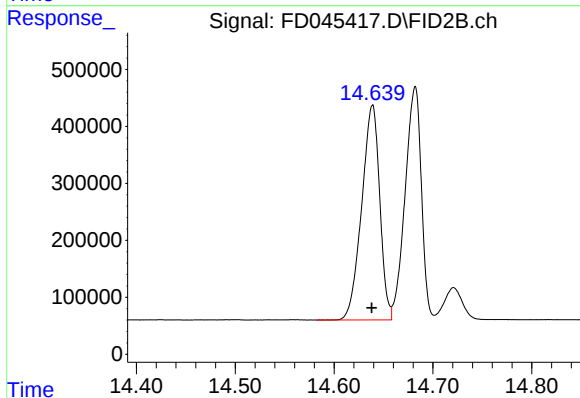
R.T.: 12.478 min
Delta R.T.: 0.000 min
Response: 5232346
Conc: 36.37 ug/ml



#13 Pyrene (C20.8)

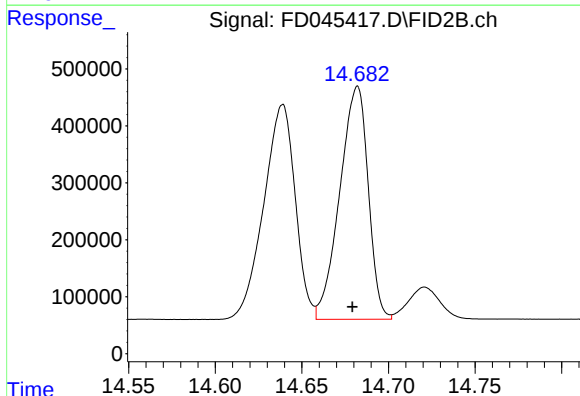
R.T.: 12.774 min
Delta R.T.: 0.000 min
Response: 5207779
Conc: 37.04 ug/ml

Instrument :
FID_D
ClientSampleId :



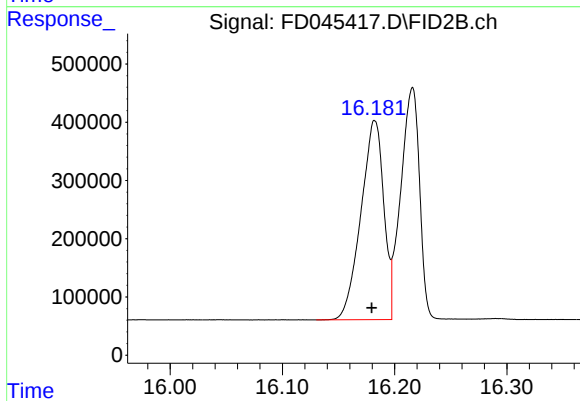
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.000 min
Response: 4786614
Conc: 37.32 ug/ml



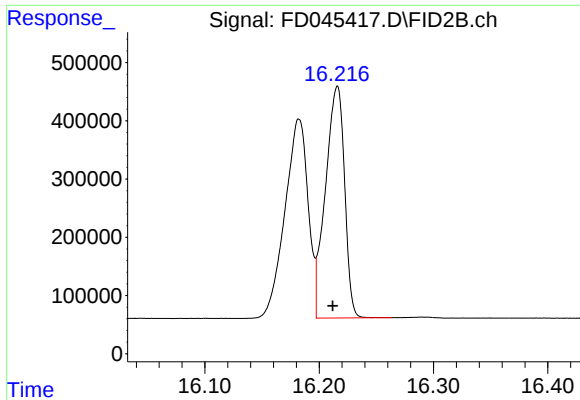
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.002 min
Response: 4677819
Conc: 35.28 ug/ml



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

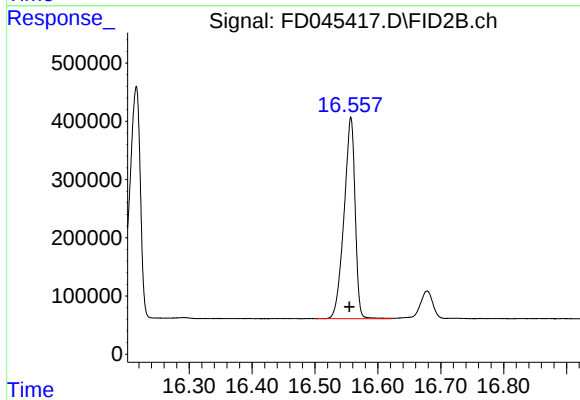
R.T.: 16.182 min
Delta R.T.: 0.003 min
Response: 4831637
Conc: 37.19 ug/ml



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

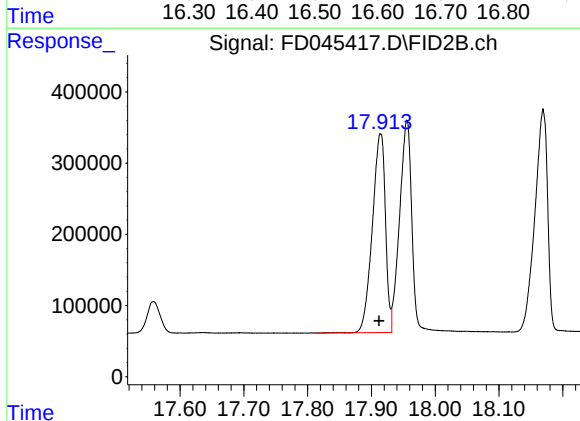
R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 4629655
Conc: 36.55 ug/ml

Instrument :
FID_D
ClientSampleId :



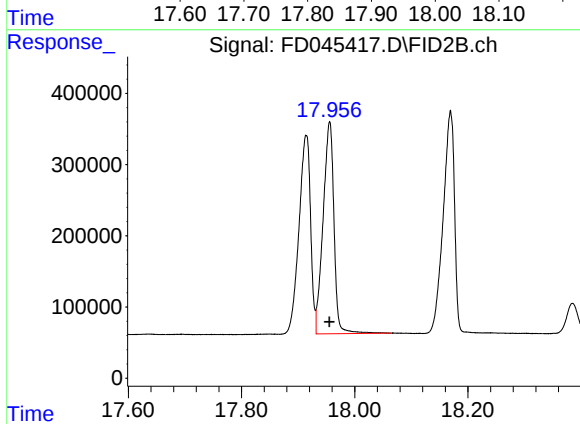
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: 0.002 min
Response: 4238577
Conc: 33.71 ug/ml



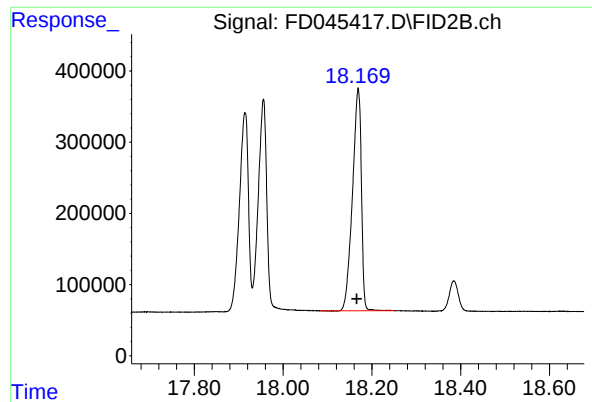
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.002 min
Response: 3978519
Conc: 33.61 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.000 min
Response: 3970962
Conc: 33.33 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.003 min
Response: 4345243
Conc: 34.79 ug/ml

Instrument :

FID_D

ClientSampleId :