

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045867.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 08:39
 Operator : YP/AJ
 Sample : 03256-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 01:16:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.528	9580209	53.139 ug/ml
Spiked Amount 50.000		Recovery =	106.28%
6) S 2-Fluorobiphenyl (SURR)	8.384	6345815	52.782 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.56%
11) S ortho-Terphenyl (SURR)	11.422	6438936	28.827 ug/ml
Spiked Amount 50.000		Recovery =	57.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.335	22612	0.112 ug/ml
2) T Naphthalene (C11.7)	5.864	136701	0.645 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	99421	0.471 ug/ml
5) T Acenaphthylene (C15.06)	8.183	104235	0.550 ug/ml
7) T Acenaphthene (C15.5)	8.478	115272	0.570 ug/ml
8) T Fluorene (C16.55)	9.256	167387	0.845 ug/ml
9) T Phenanthrene (C19.36)	10.647	1283292	6.708 ug/ml
10) T Anthracene (C19.43)	10.720	303947	1.784 ug/ml
12) T Fluoranthene (C21.85)	12.452	1961846	10.619 ug/ml
13) T Pyrene (C20.8)	12.746	1600675	8.962 ug/ml
14) T Benzo[a]anthracene (C...	14.608	869440	5.553 ug/ml
15) T Chrysene (C27.41)	14.649	1023953	6.206 ug/ml
16) T benzo[b]fluoranthene ...	16.153	1075740	7.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	379961	2.454 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	789338	5.398 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	600441	4.100 ug/ml
20) T Dibenz[a,h]anthracene...	17.925	184360	1.229 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	433822	2.940 ug/ml

(f)=RT Delta > 1/2 Window

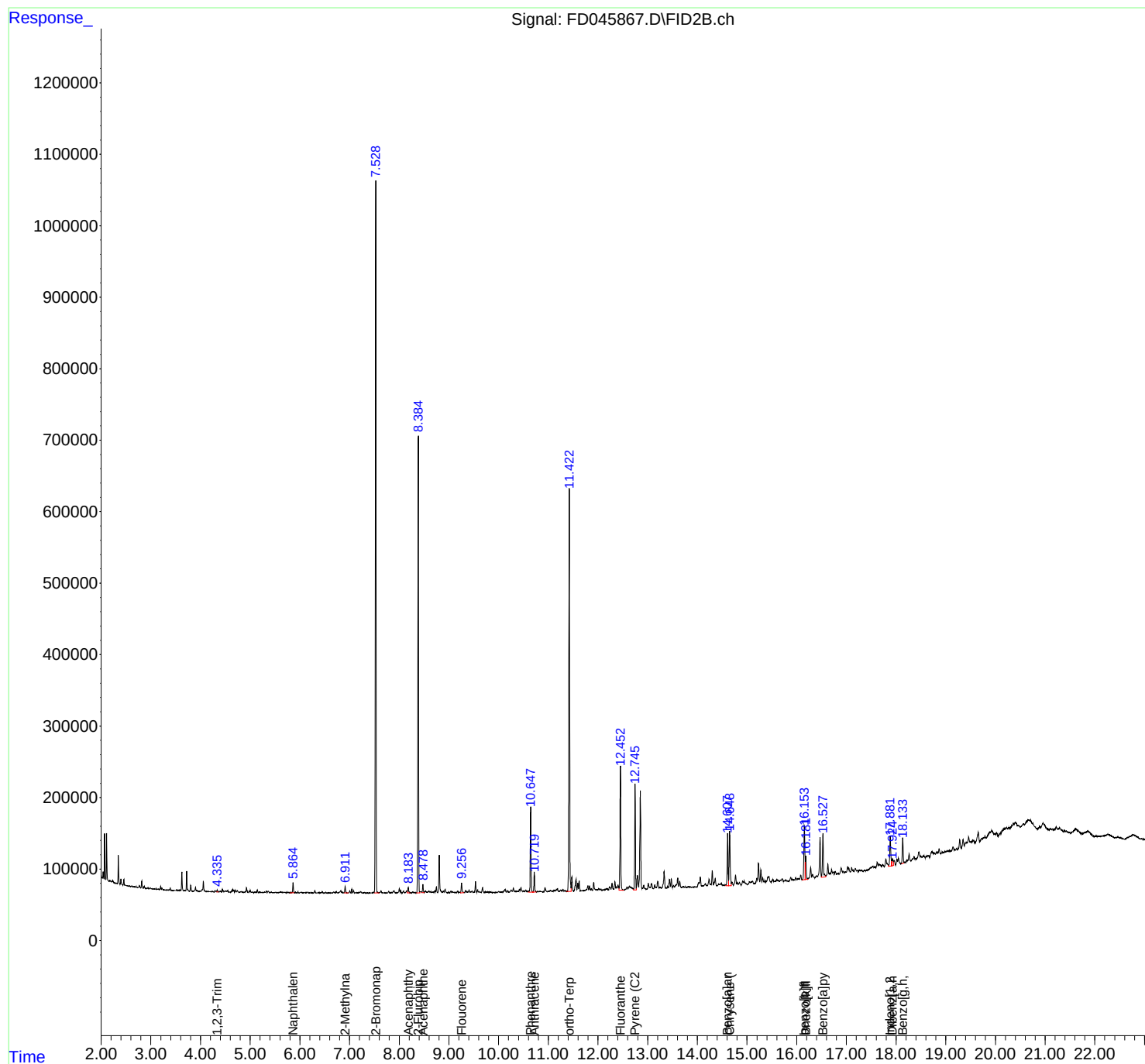
(m)=manual int.

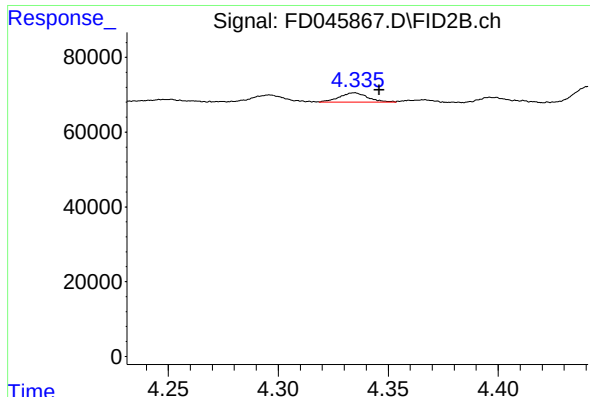
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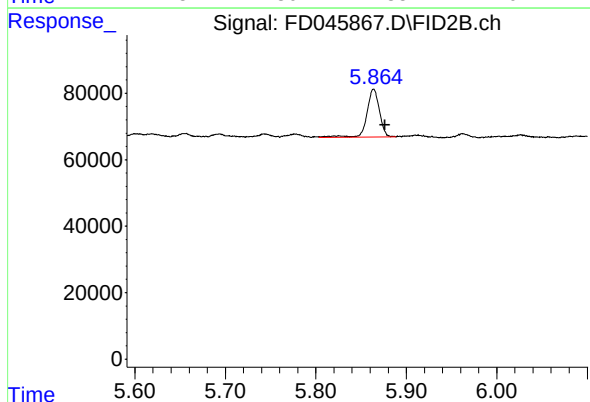




#1 1,2,3-Trimethylbenzene (C10.1)

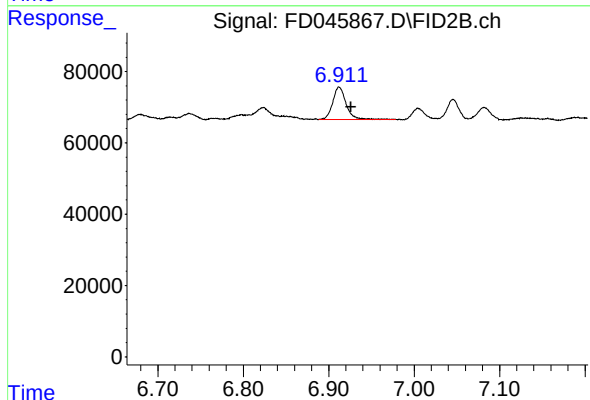
R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 22612
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



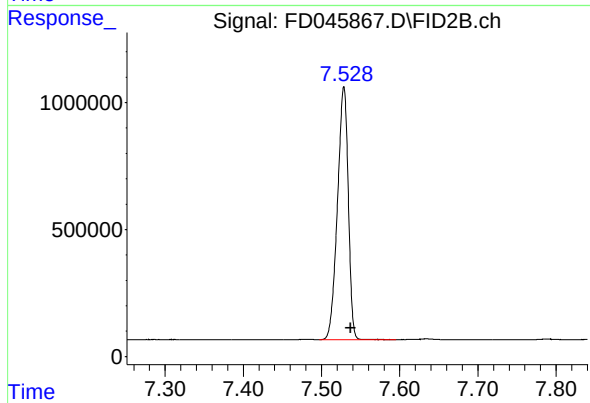
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 136701
Conc: 0.65 ug/ml



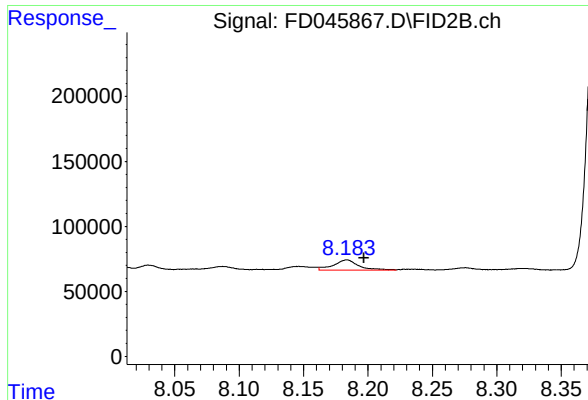
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 99421
Conc: 0.47 ug/ml



#4 2-Bromonaphthalene (SURR)

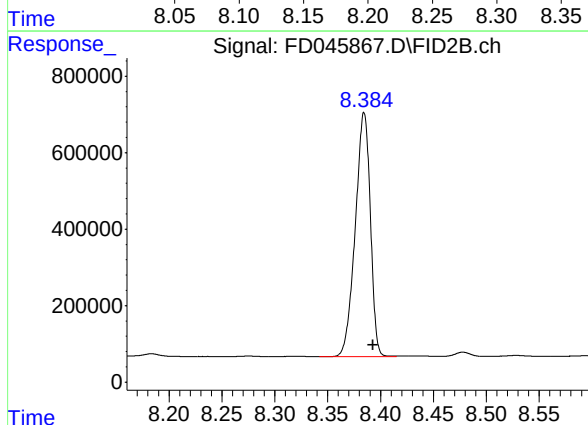
R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 9580209
Conc: 53.14 ug/ml



#5 Acenaphthylene (C15.06)

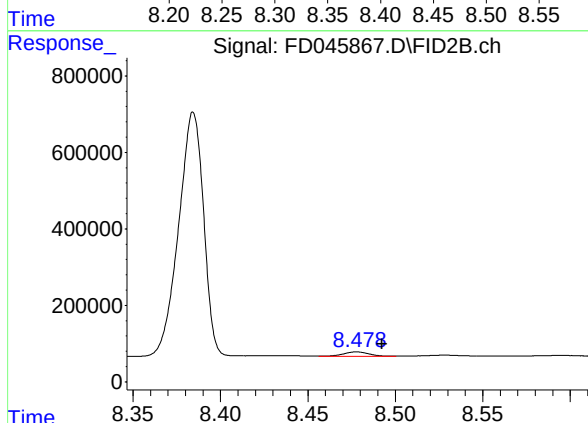
R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 104235
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



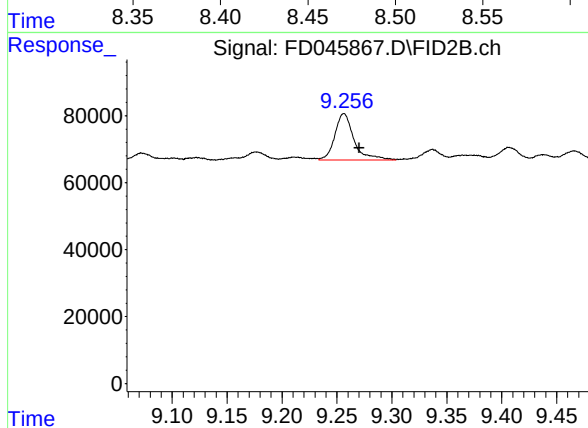
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.008 min
Response: 6345815
Conc: 52.78 ug/ml



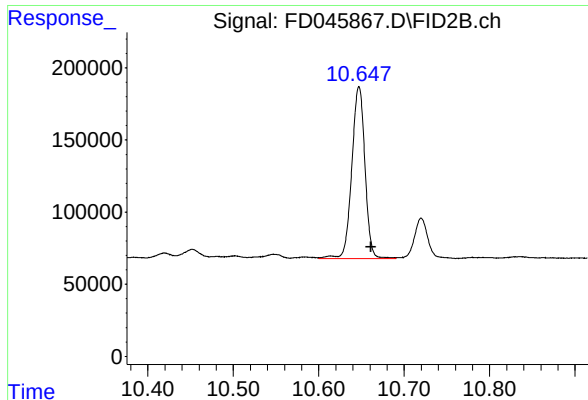
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 115272
Conc: 0.57 ug/ml



#8 Flouorene (C16.55)

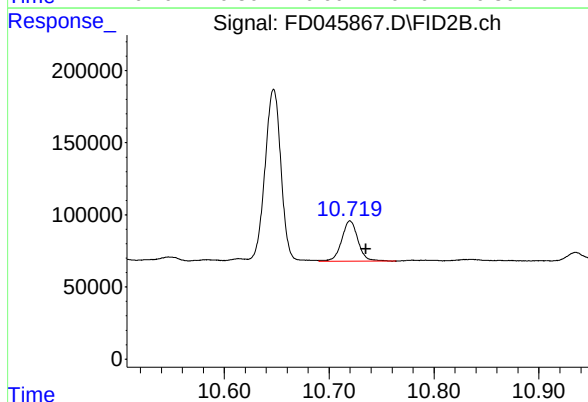
R.T.: 9.256 min
Delta R.T.: -0.014 min
Response: 167387
Conc: 0.84 ug/ml



#9 Phenanthrene (C19.36)

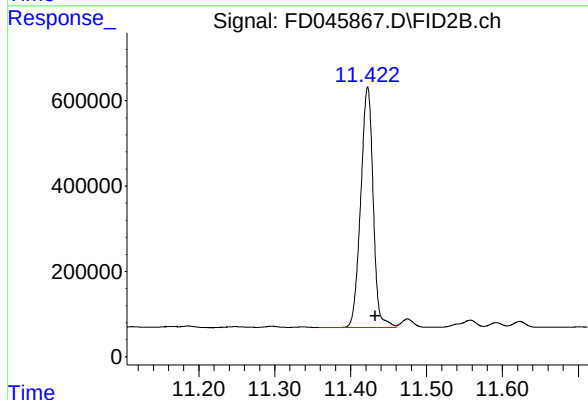
R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 1283292
Conc: 6.71 ug/ml

Instrument :
FID_D
ClientSampleId :



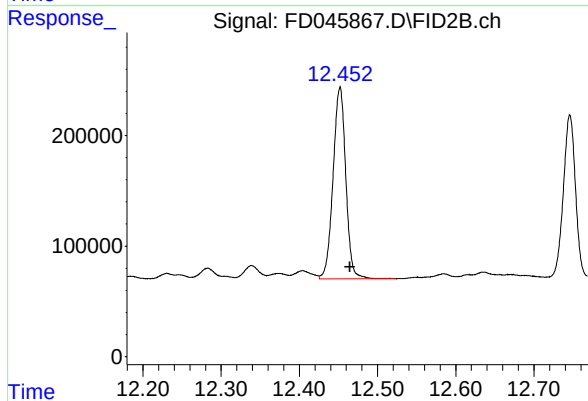
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.015 min
Response: 303947
Conc: 1.78 ug/ml



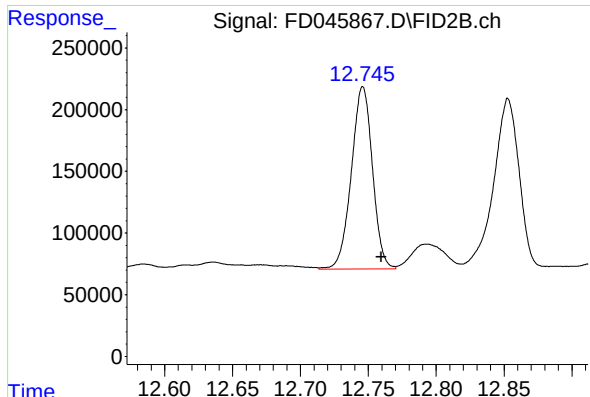
#11 ortho-Terphenyl (SURRE)

R.T.: 11.422 min
Delta R.T.: -0.010 min
Response: 6438936
Conc: 28.83 ug/ml



#12 Fluoranthene (C21.85)

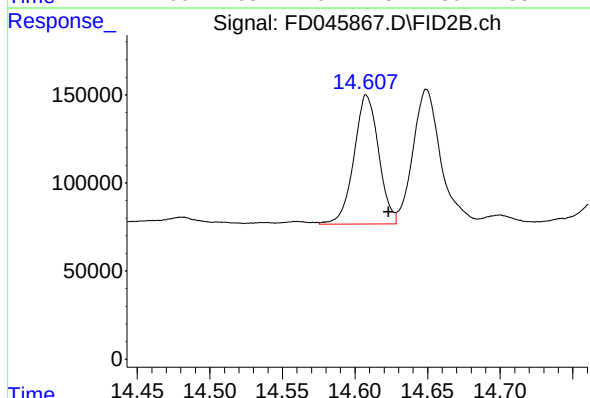
R.T.: 12.452 min
Delta R.T.: -0.013 min
Response: 1961846
Conc: 10.62 ug/ml



#13 Pyrene (C20.8)

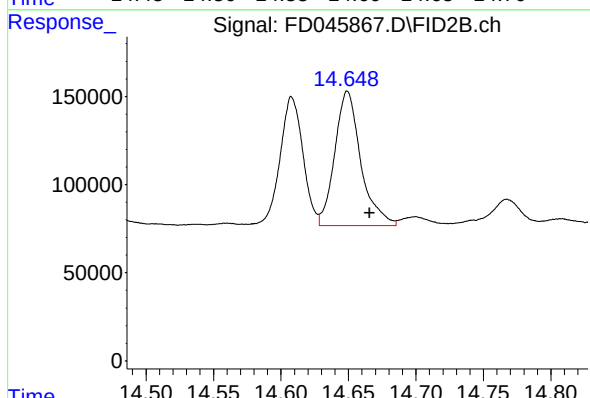
R.T.: 12.746 min
Delta R.T.: -0.013 min
Response: 1600675
Conc: 8.96 ug/ml

Instrument :
FID_D
ClientSampleId :



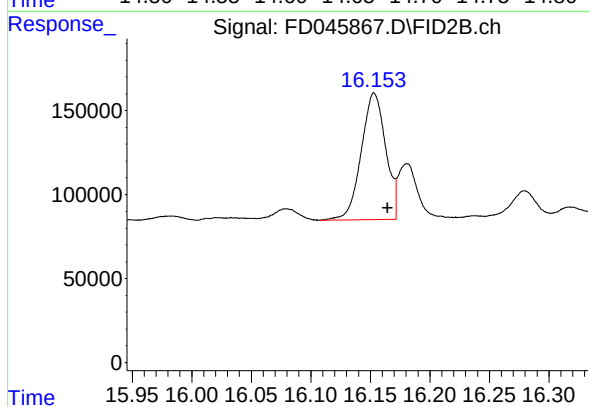
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.608 min
Delta R.T.: -0.015 min
Response: 869440
Conc: 5.55 ug/ml



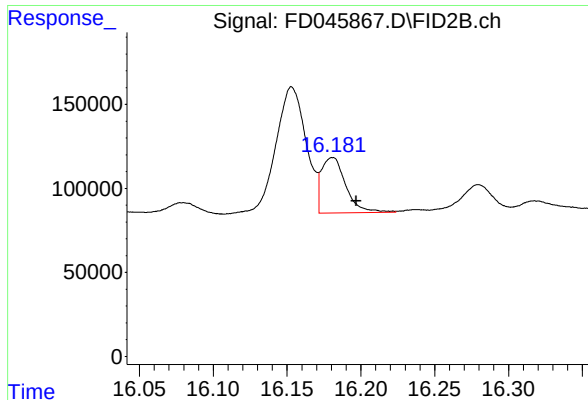
#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: -0.016 min
Response: 1023953
Conc: 6.21 ug/ml



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

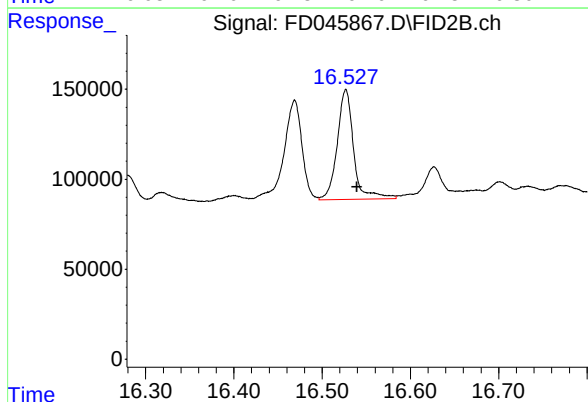
R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 1075740
Conc: 7.11 ug/ml



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

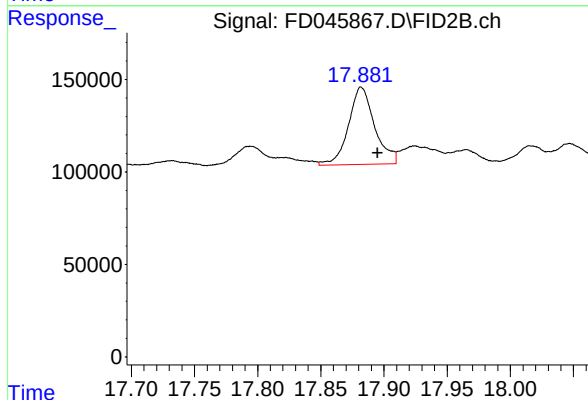
R.T.: 16.180 min
Delta R.T.: -0.016 min
Response: 379961
Conc: 2.45 ug/ml

Instrument :
FID_D
ClientSampleId :



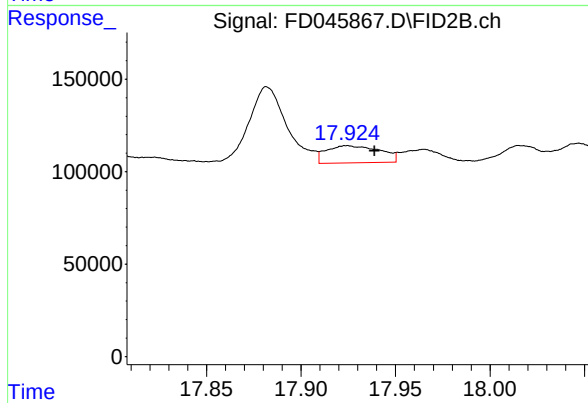
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.527 min
Delta R.T.: -0.013 min
Response: 789338
Conc: 5.40 ug/ml



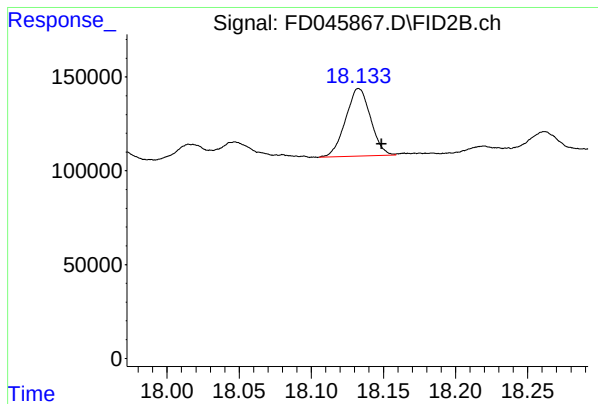
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 600441
Conc: 4.10 ug/ml



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

R.T.: 17.925 min
Delta R.T.: -0.014 min
Response: 184360
Conc: 1.23 ug/ml



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

R.T.: 18.133 min

Delta R.T.: -0.016 min

Response: 433822

Conc: 2.94 ug/ml

Instrument :

FID_D

ClientSampleId :