

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045969.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 17:16
 Operator : YP/AJ
 Sample : 03357-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 02:47:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.519	10504196	48.744 ug/ml
Spiked Amount 50.000		Recovery =	97.49%
6) S 2-Fluorobiphenyl (SURR)	8.371	3525577	25.473 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.95%
11) S ortho-Terphenyl (SURR)	11.415	10356648	40.851 ug/ml
Spiked Amount 50.000		Recovery =	81.70%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.908	809598	3.211 ug/ml
5) T Acenaphthylene (C15.06)	8.172	270462	1.245 ug/ml
7) T Acenaphthene (C15.5)	8.461	442951	1.879 ug/ml
8) T Flouorene (C16.55)	9.243	348125	1.539 ug/ml
9) T Phenanthrene (C19.36)	10.635	327996	1.537 ug/ml
10) T Anthracene (C19.43)	10.717	309072	1.945 ug/ml
12) T Fluoranthene (C21.85)	12.441	253371	1.238 ug/ml
13) T Pyrene (C20.8)	12.734	235932	1.213 ug/ml
14) T Benzo[a]anthracene (C...	14.603	1249000	6.945 ug/ml
15) T Chrysene (C27.41)	14.660	2780811	14.168 ug/ml
16) T benzo[b]fluoranthene ...	16.178	4775146	25.460 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	4775146	24.140 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.521	2342308	13.444 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.895	1416615	7.612 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	1416615	7.705 ug/ml
21) T Benzo[g,h,i]perylene ...	18.141	93997	0.503 ug/ml

(f)=RT Delta > 1/2 Window

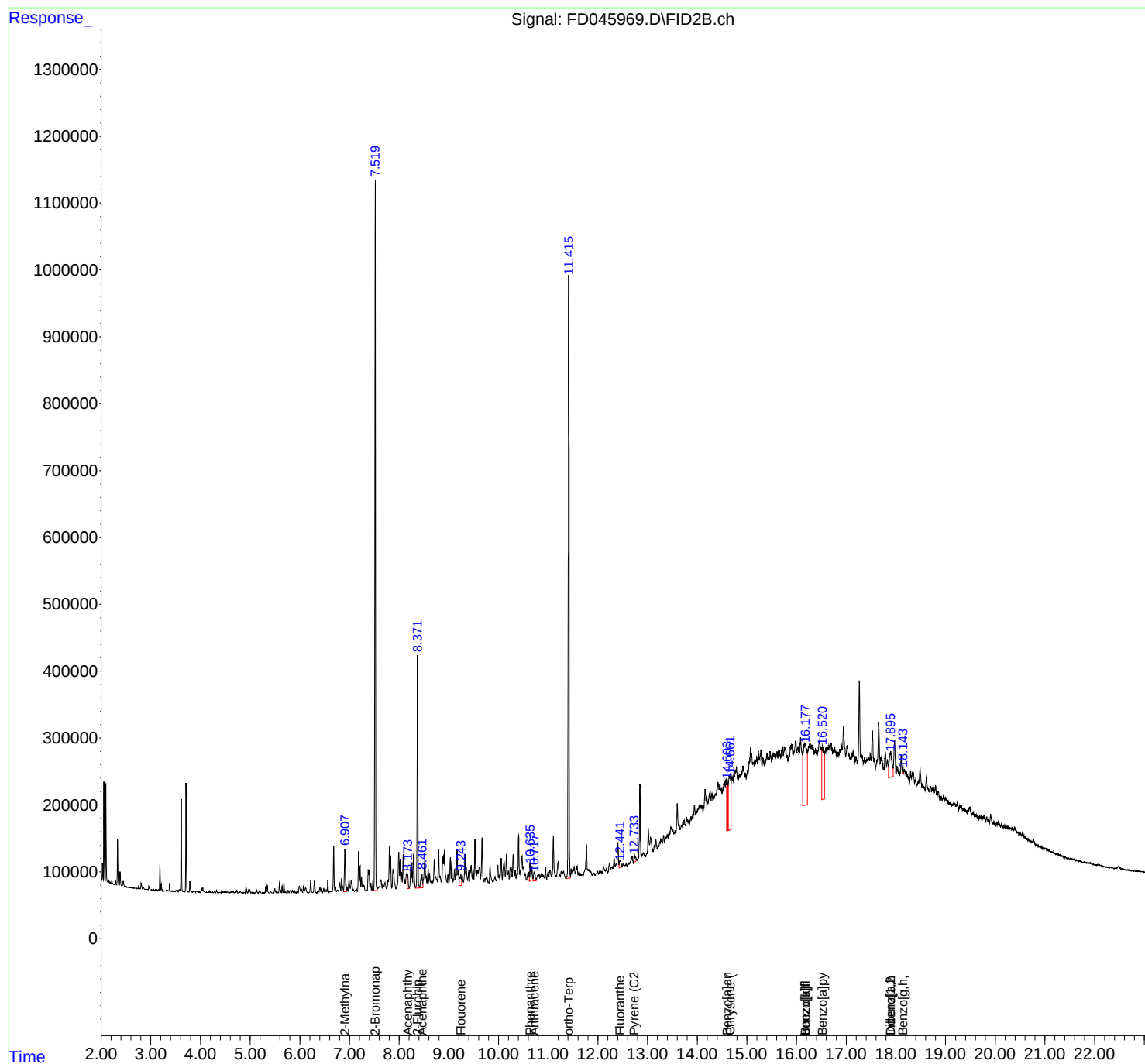
(m)=manual int.

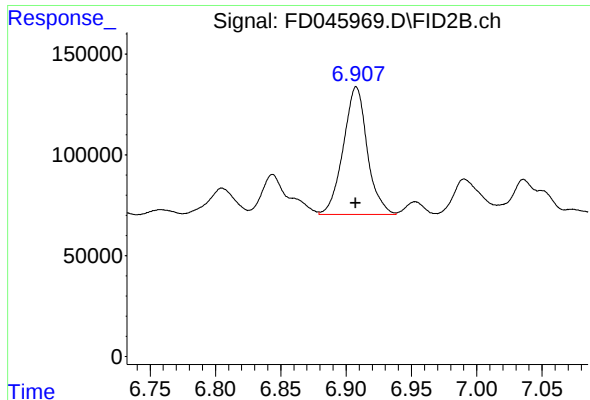
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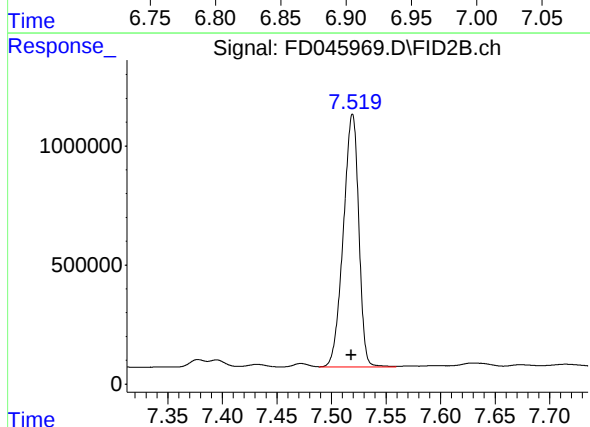




#3 2-Methylnaphthalene (C12.89)

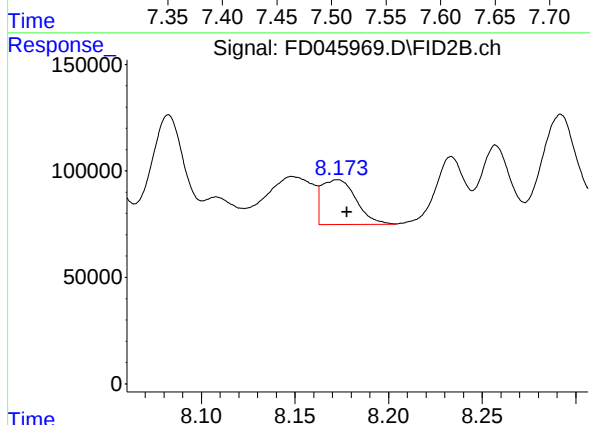
R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 809598
Conc: 3.21 ug/ml

Instrument :
FID_D
ClientSampleId :



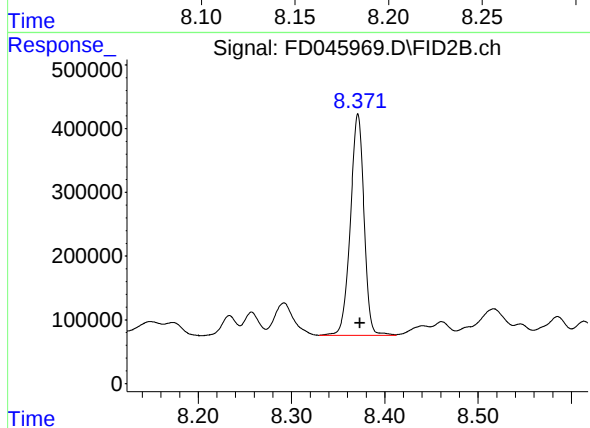
#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 10504196
Conc: 48.74 ug/ml



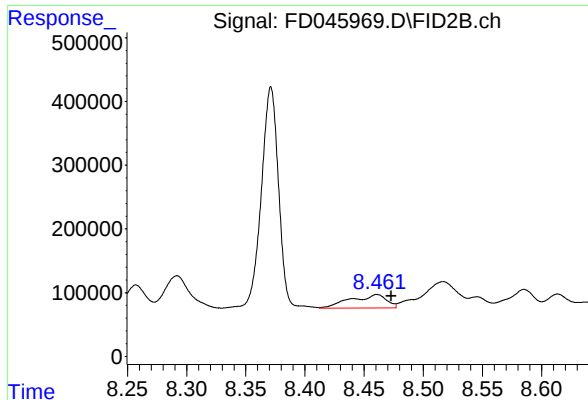
#5 Acenaphthylene (C15.06)

R.T.: 8.172 min
Delta R.T.: -0.006 min
Response: 270462
Conc: 1.25 ug/ml



#6 2-Fluorobiphenyl (SURR)

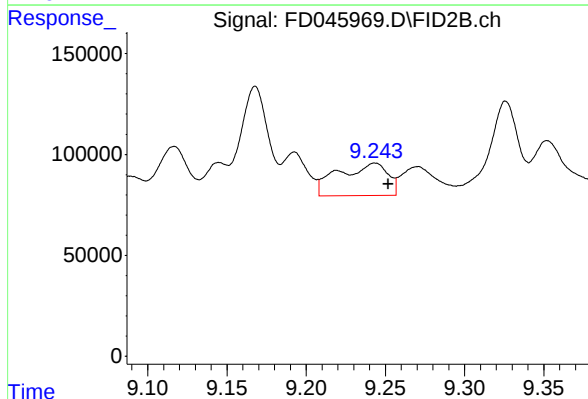
R.T.: 8.371 min
Delta R.T.: -0.002 min
Response: 352577
Conc: 25.47 ug/ml



#7 Acenaphthene (C15.5)

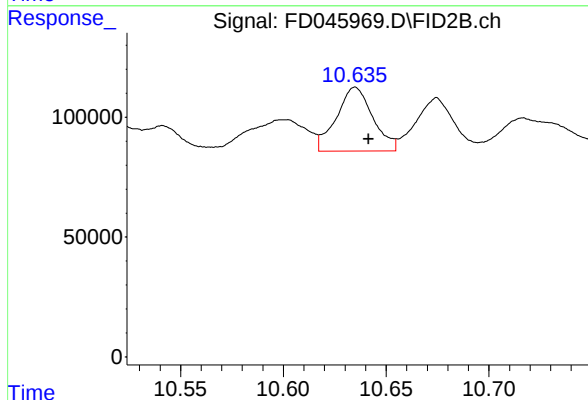
R.T.: 8.461 min
Delta R.T.: -0.012 min
Response: 442951
Conc: 1.88 ug/ml

Instrument :
FID_D
ClientSampleId :



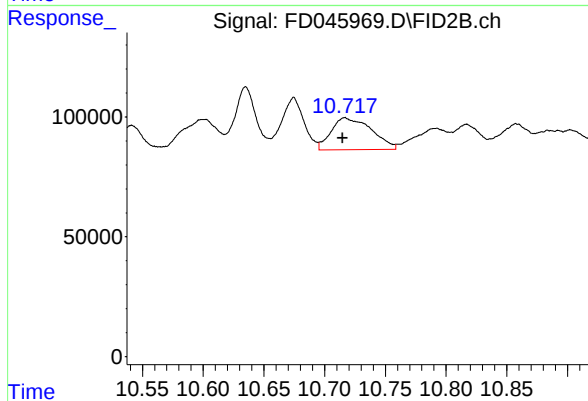
#8 Flouorene (C16.55)

R.T.: 9.243 min
Delta R.T.: -0.008 min
Response: 348125
Conc: 1.54 ug/ml



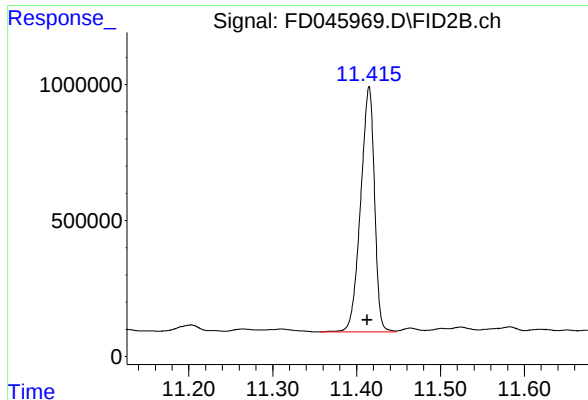
#9 Phenanthrene (C19.36)

R.T.: 10.635 min
Delta R.T.: -0.006 min
Response: 327996
Conc: 1.54 ug/ml



#10 Anthracene (C19.43)

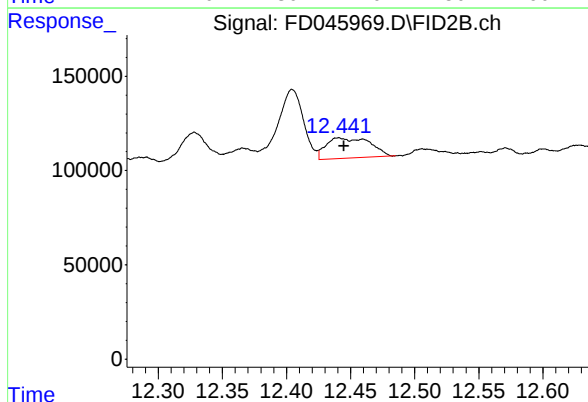
R.T.: 10.717 min
Delta R.T.: 0.002 min
Response: 309072
Conc: 1.95 ug/ml



#11 ortho-Terphenyl (SURR)

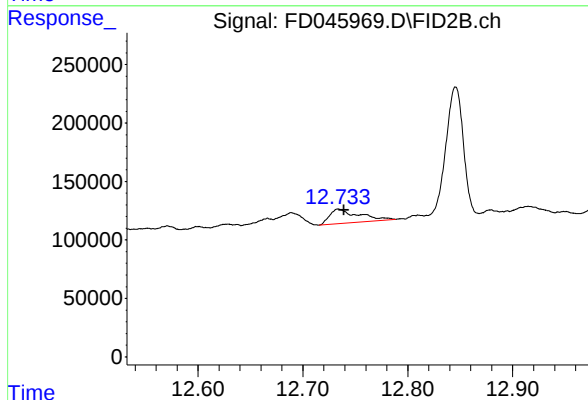
R.T.: 11.415 min
Delta R.T.: 0.002 min
Response: 10356648
Conc: 40.85 ug/ml

Instrument :
FID_D
ClientSampleId :



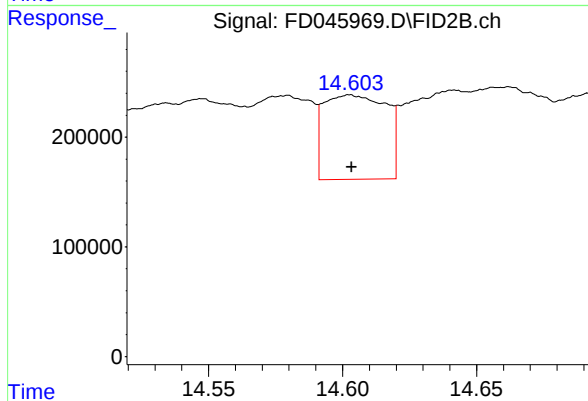
#12 Fluoranthene (C21.85)

R.T.: 12.441 min
Delta R.T.: -0.004 min
Response: 253371
Conc: 1.24 ug/ml



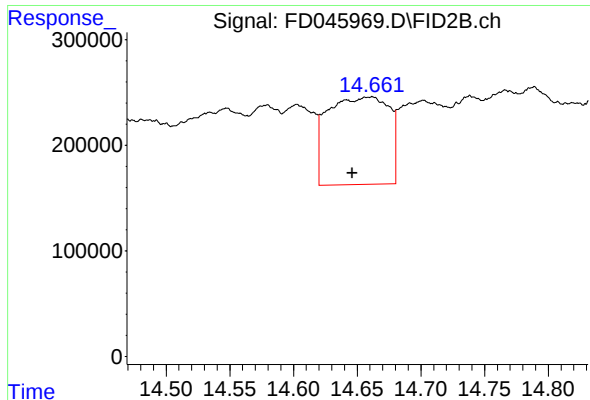
#13 Pyrene (C20.8)

R.T.: 12.734 min
Delta R.T.: -0.005 min
Response: 235932
Conc: 1.21 ug/ml



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

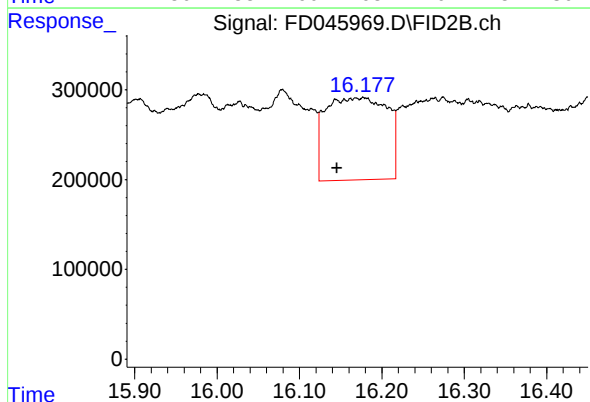
R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 1249000
Conc: 6.94 ug/ml



#15 Chrysene (C27.41)

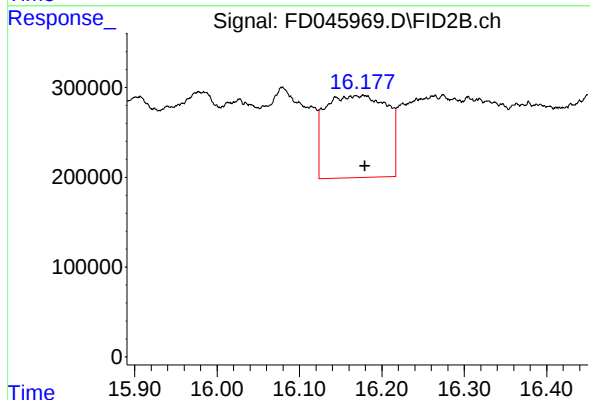
R.T.: 14.660 min
Delta R.T.: 0.014 min
Response: 2780811
Conc: 14.17 ug/ml

Instrument :
FID_D
ClientSampleId :



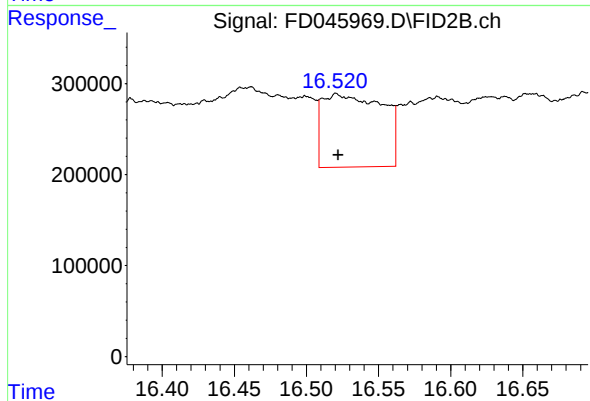
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.178 min
Delta R.T.: 0.033 min
Response: 4775146
Conc: 25.46 ug/ml



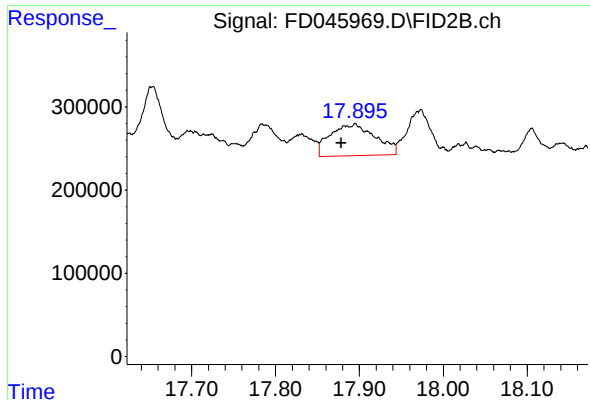
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 4775146
Conc: 24.14 ug/ml



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

R.T.: 16.521 min
Delta R.T.: 0.000 min
Response: 2342308
Conc: 13.44 ug/ml



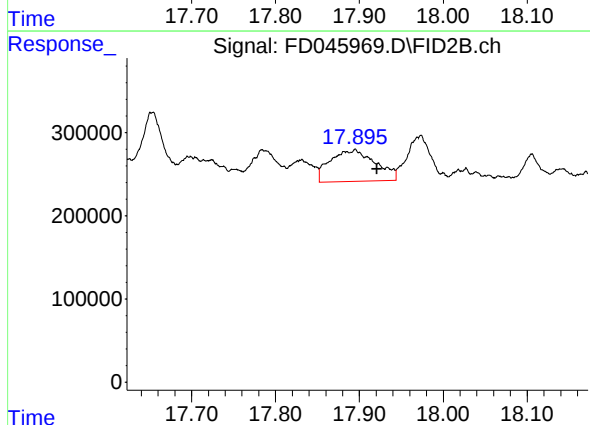
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.895 min
Delta R.T.: 0.016 min
Response: 1416615
Conc: 7.61 ug/ml

Instrument :

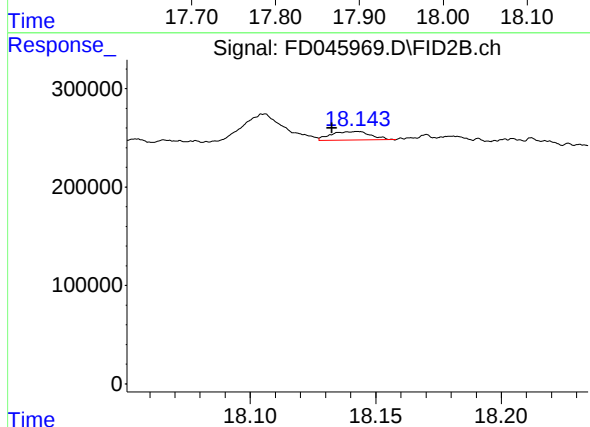
FID_D

ClientSampleId :



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

R.T.: 17.895 min
Delta R.T.: -0.026 min
Response: 1416615
Conc: 7.71 ug/ml



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

R.T.: 18.141 min
Delta R.T.: 0.008 min
Response: 93997
Conc: 0.50 ug/ml