

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045575.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 22:42
 Operator : YP/AJ
 Sample : 02505-08
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 04 04:09:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.547	7799870	53.950 ug/ml
Spiked Amount 50.000		Recovery =	107.90%
6) S 2-Fluorobiphenyl (SURR)	8.403	4675811	50.143 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.29%
11) S ortho-Terphenyl (SURR)	11.445	7120982	39.789 ug/ml
Spiked Amount 50.000		Recovery =	79.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	265411	1.584 ug/ml
2) T Naphthalene (C11.7)	5.883	228463	1.335 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	1285151	7.596 ug/ml
5) T Acenaphthylene (C15.06)	8.179	356061	2.354 ug/ml
7) T Acenaphthene (C15.5)	8.462	339430	2.094 ug/ml
8) T Fluorene (C16.55)	9.260	477640	3.101 ug/ml
9) T Phenanthrene (C19.36)	10.670	736449	4.937 ug/ml
10) T Anthracene (C19.43)	10.736	1435940	11.116 ug/ml
12) T Fluoranthene (C21.85)	12.479	1033351	7.021 ug/ml
13) T Pyrene (C20.8)	12.776	1808439	12.607 ug/ml
14) T Benzo[a]anthracene (C...	14.649	19090581	145.680 ug/ml
15) T Chrysene (C27.41)	14.649	19090581	139.848 ug/ml
16) T benzo[b]fluoranthene ...	16.156	35898569	268.851 ug/ml
17) T Bnezo[k]fluoranthene ...	16.229	64322394	480.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.580	36008424	281.410 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.887	13186542	104.974 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	13186542	96.798 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	10931207	83.439 ug/ml

(f)=RT Delta > 1/2 Window

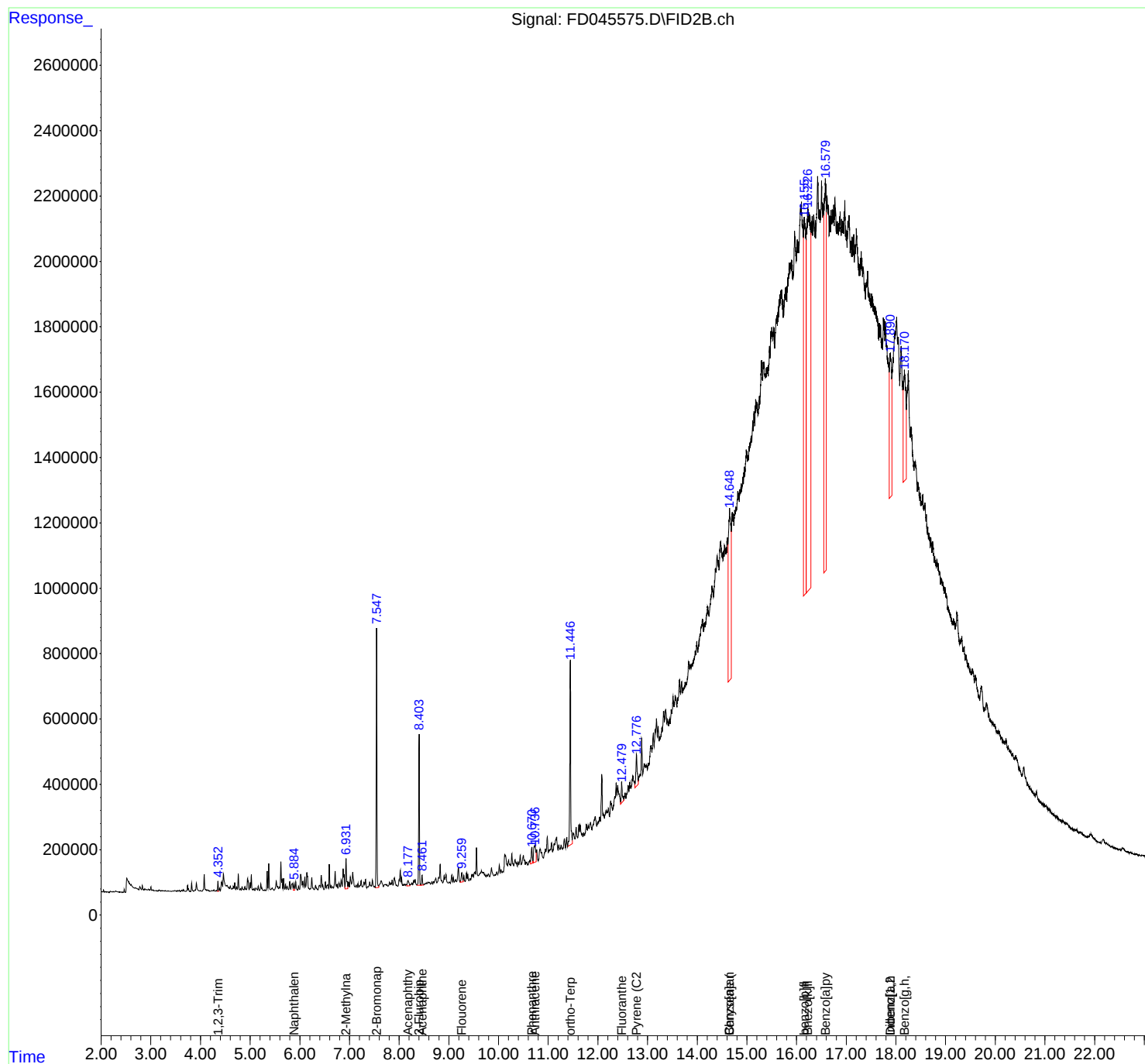
(m)=manual int.

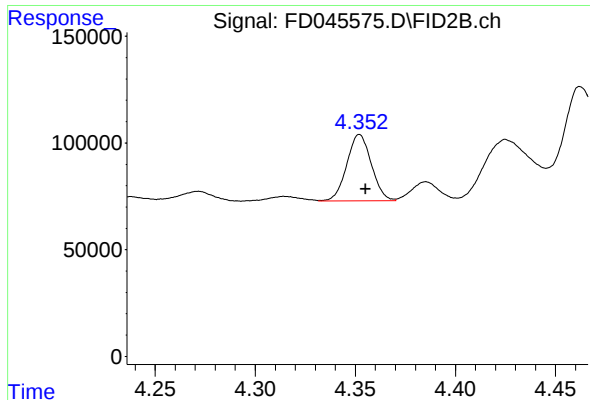
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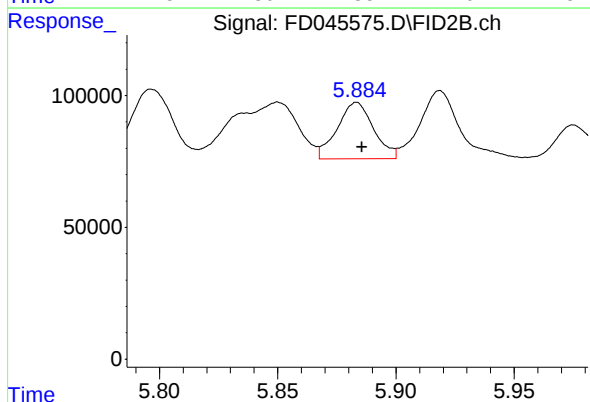




#1 1,2,3-Trimethylbenzene (C10.1)

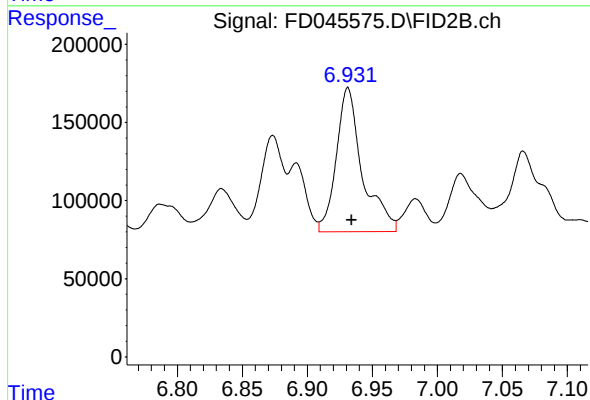
R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 265411
Conc: 1.58 ug/ml

Instrument :
FID_D
ClientSampleId :



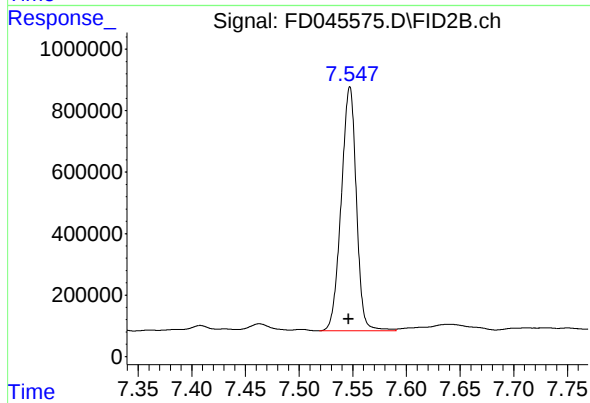
#2 Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 228463
Conc: 1.33 ug/ml



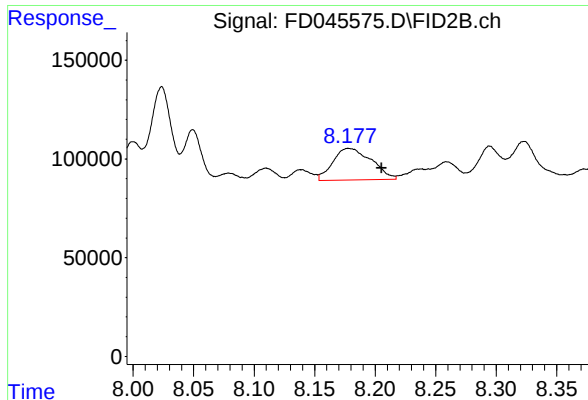
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: -0.003 min
Response: 1285151
Conc: 7.60 ug/ml



#4 2-Bromonaphthalene (SURR)

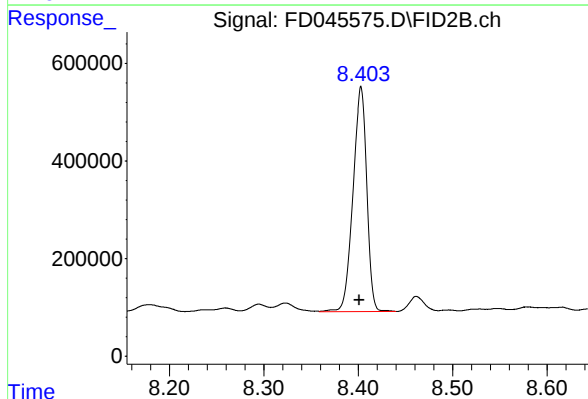
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 7799870
Conc: 53.95 ug/ml



#5 Acenaphthylene (C15.06)

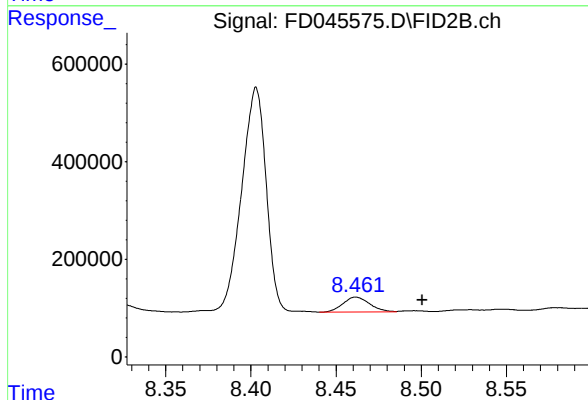
R.T.: 8.179 min
Delta R.T.: -0.027 min
Response: 356061
Conc: 2.35 ug/ml

Instrument :
FID_D
ClientSampleId :



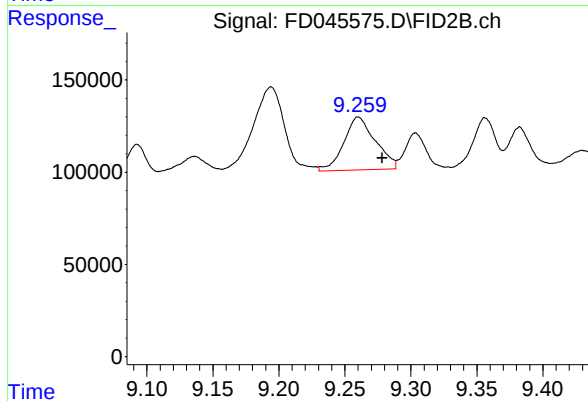
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: 0.001 min
Response: 4675811
Conc: 50.14 ug/ml



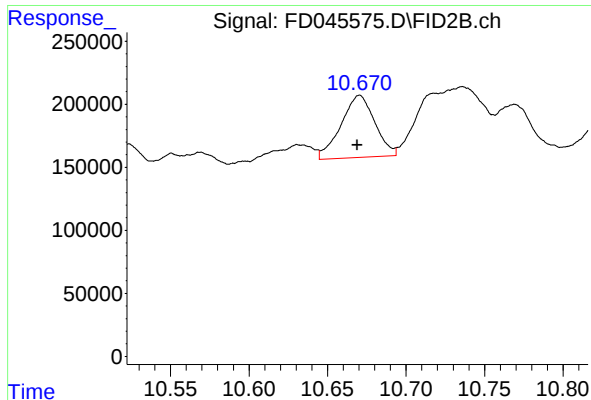
#7 Acenaphthene (C15.5)

R.T.: 8.462 min
Delta R.T.: -0.039 min
Response: 339430
Conc: 2.09 ug/ml



#8 Flouorene (C16.55)

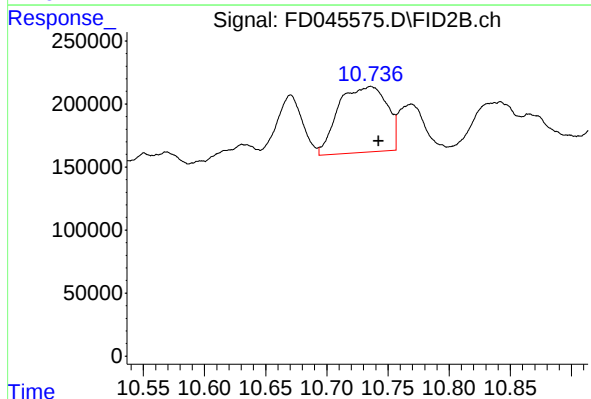
R.T.: 9.260 min
Delta R.T.: -0.018 min
Response: 477640
Conc: 3.10 ug/ml



#9 Phenanthrene (C19.36)

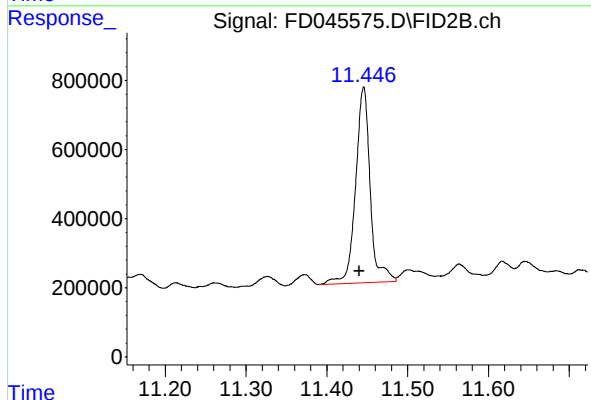
R.T.: 10.670 min
Delta R.T.: 0.001 min
Response: 736449
Conc: 4.94 ug/ml

Instrument :
FID_D
ClientSampleId :



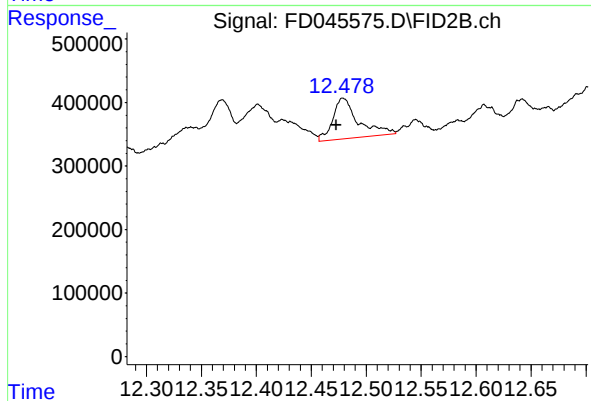
#10 Anthracene (C19.43)

R.T.: 10.736 min
Delta R.T.: -0.007 min
Response: 1435940
Conc: 11.12 ug/ml



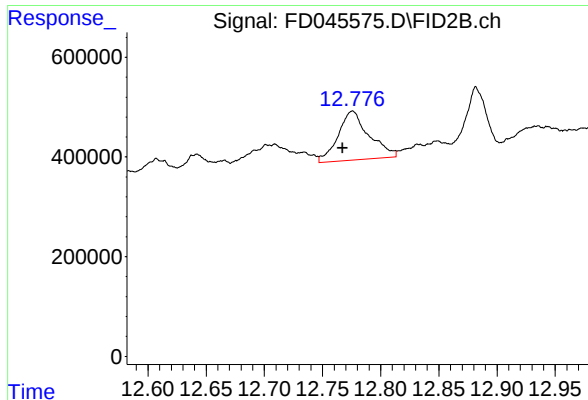
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: 0.005 min
Response: 7120982
Conc: 39.79 ug/ml



#12 Fluoranthene (C21.85)

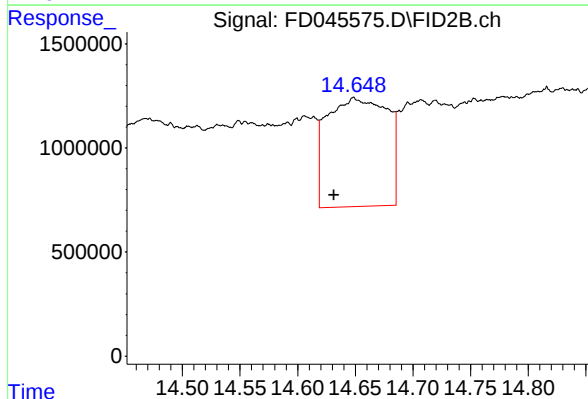
R.T.: 12.479 min
Delta R.T.: 0.006 min
Response: 1033351
Conc: 7.02 ug/ml



#13 Pyrene (C20.8)

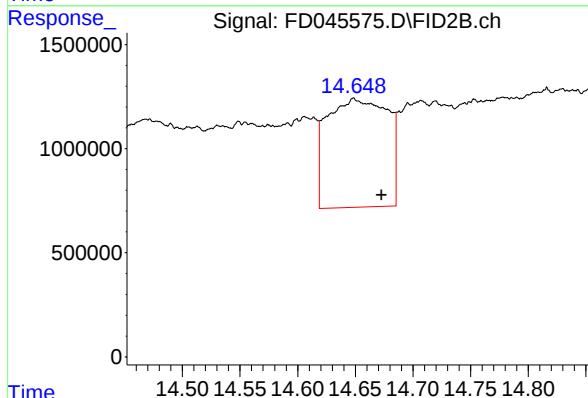
R.T.: 12.776 min
Delta R.T.: 0.008 min
Response: 1808439
Conc: 12.61 ug/ml

Instrument :
FID_D
ClientSampleId :



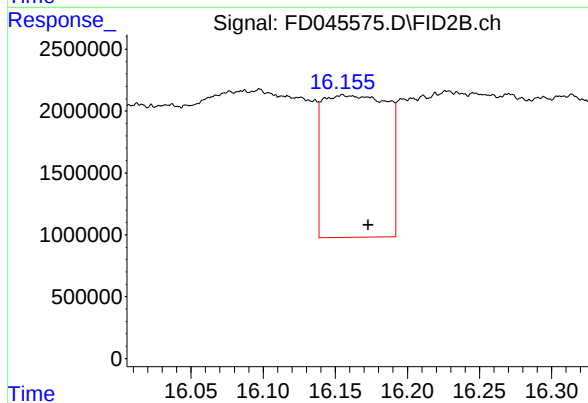
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: 0.018 min
Response: 19090581
Conc: 145.68 ug/ml



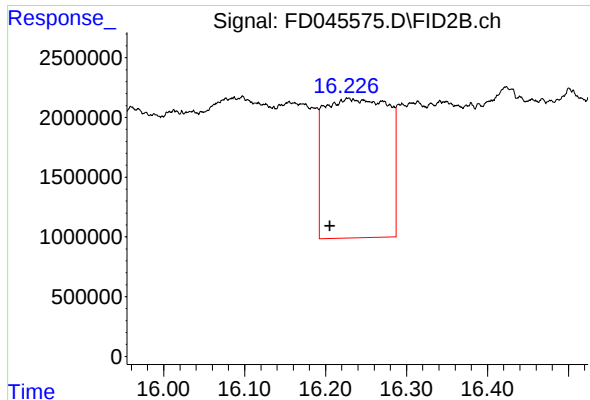
#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: -0.024 min
Response: 19090581
Conc: 139.85 ug/ml



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

R.T.: 16.156 min
Delta R.T.: -0.017 min
Response: 35898569
Conc: 268.85 ug/ml



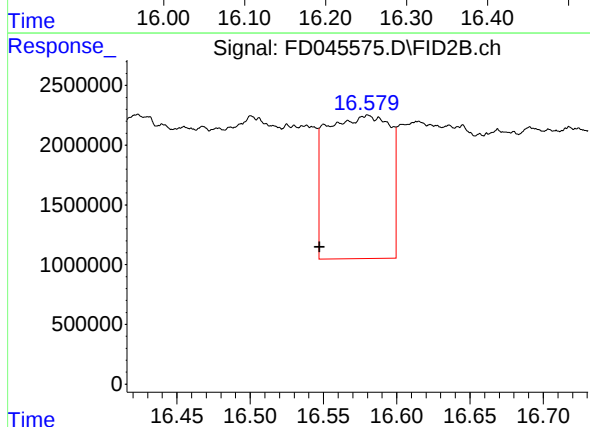
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.229 min
Delta R.T.: 0.023 min
Response: 64322394
Conc: 480.84 ug/ml

Instrument :

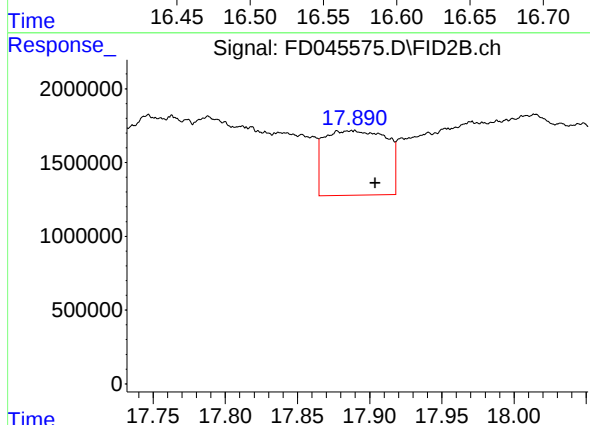
FID_D

ClientSampleId :



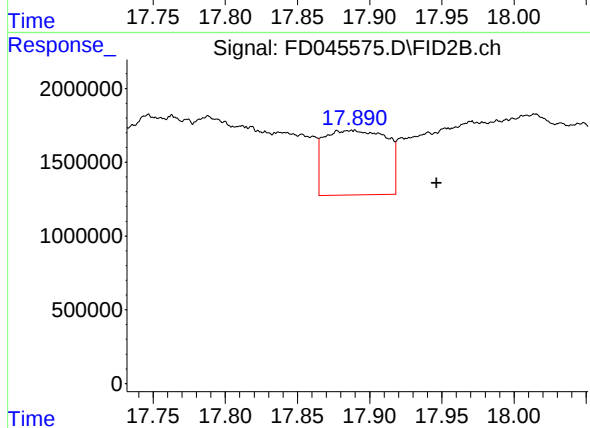
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.580 min
Delta R.T.: 0.032 min
Response: 36008424
Conc: 281.41 ug/ml



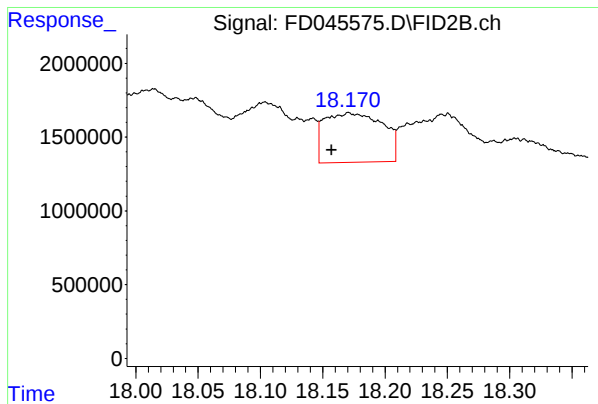
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.887 min
Delta R.T.: -0.017 min
Response: 13186542
Conc: 104.97 ug/ml



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

R.T.: 17.887 min
Delta R.T.: -0.059 min
Response: 13186542
Conc: 96.80 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.014 min
Response: 10931207
Conc: 83.44 ug/ml

Instrument :
FID_D
ClientSampleId :