

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045804.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 10:48
 Operator : YP/AJ
 Sample : 03046-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 15:10:46 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...	7.532	9770719	54.195 ug/ml
Spiked Amount 50.000		Recovery =	108.39%
6) S 2-Fluorobiphenyl (SURR)	8.387	6599554	54.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.78%
11) S ortho-Terphenyl (SURR)	11.428	8412752	37.663 ug/ml
Spiked Amount 50.000		Recovery =	75.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	20975	0.104 ug/ml
2) T Naphthalene (C11.7)	5.869	43913	0.207 ug/ml
3) T 2-Methylnaphthalene (...)	6.924	44153	0.209 ug/ml
5) T Acenaphthylene (C15.06)	8.216	159570	0.842 ug/ml
7) T Acenaphthene (C15.5)	8.485	127897	0.633 ug/ml
8) T Flouorene (C16.55)	9.303	122618	0.619 ug/ml
9) T Phenanthrene (C19.36)	10.652	1087518	5.685 ug/ml
10) T Anthracene (C19.43)	10.726	561165	3.294 ug/ml
12) T Fluoranthene (C21.85)	12.450	1092422	5.913 ug/ml
13) T Pyrene (C20.8)	12.745	3443199	19.279 ug/ml
14) T Benzo[a]anthracene (C...	14.608	5478871	34.994 ug/ml
15) T Chrysene (C27.41)	14.664	5747098	34.835 ug/ml
16) T benzo[b]fluoranthene ...	16.168	3169324	20.941 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	2799293	18.081 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	3892234	26.616 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	21089	0.144 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	36292	0.242 ug/ml

(f)=RT Delta > 1/2 Window

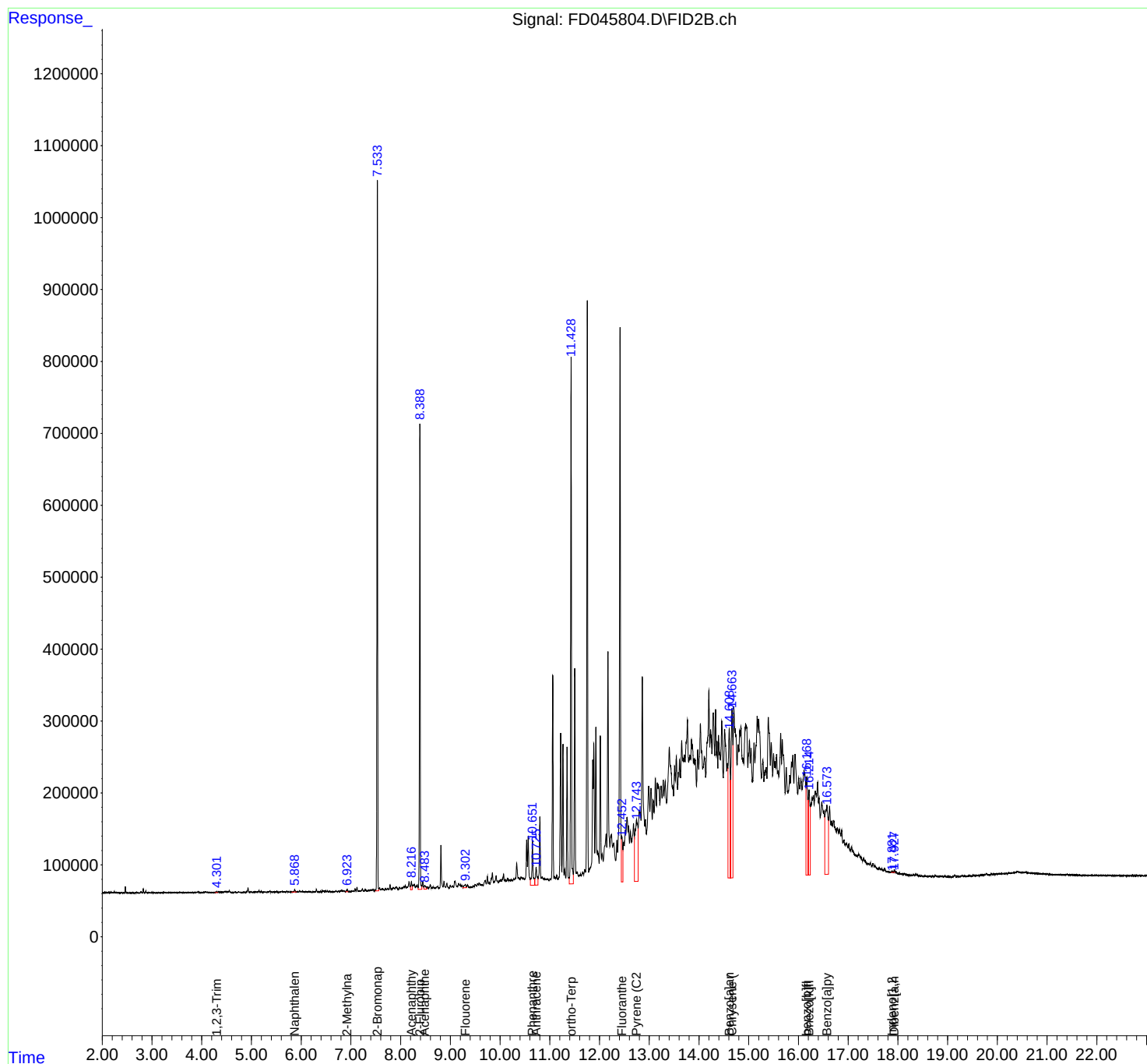
(m)=manual int.

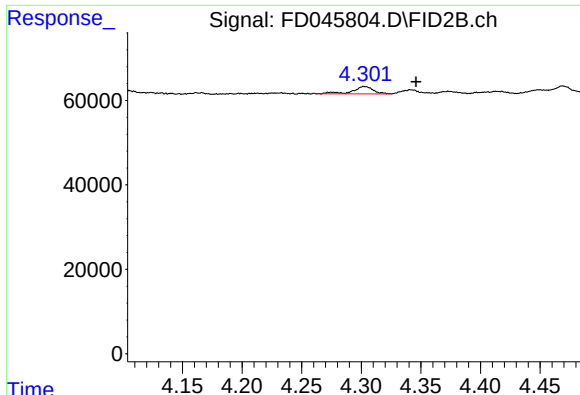
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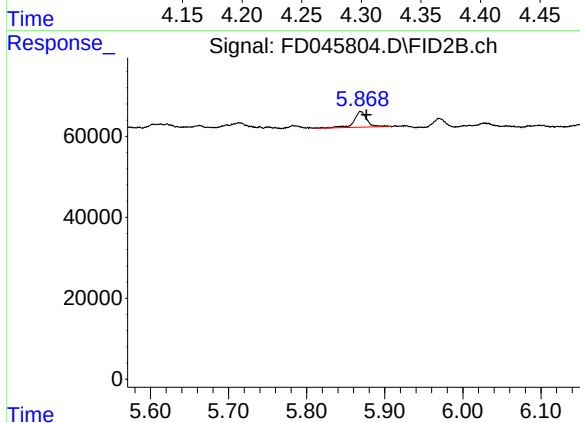




#1 1,2,3-Trimethylbenzene (C10.1)

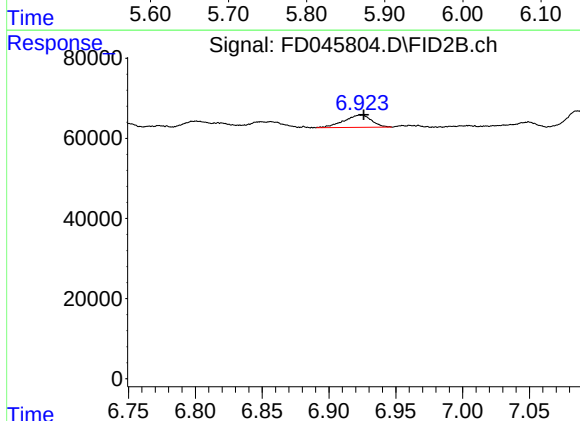
R.T.: 4.303 min
Delta R.T.: -0.043 min
Response: 20975
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



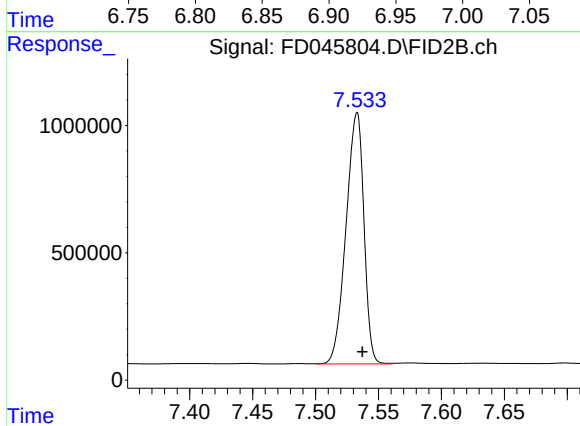
#2 Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: -0.007 min
Response: 43913
Conc: 0.21 ug/ml



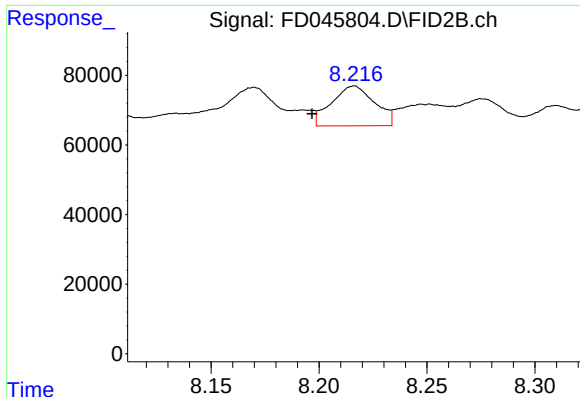
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 44153
Conc: 0.21 ug/ml



#4 2-Bromonaphthalene (SURR)

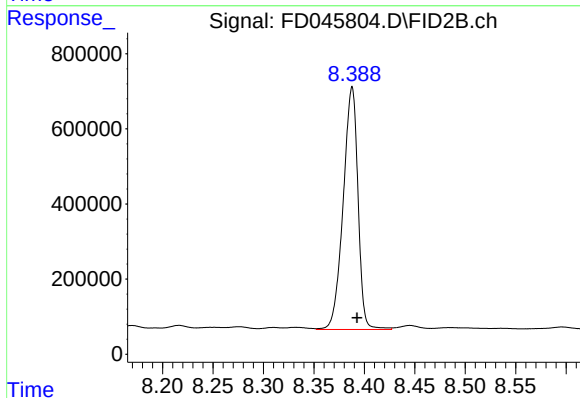
R.T.: 7.532 min
Delta R.T.: -0.005 min
Response: 9770719
Conc: 54.20 ug/ml



#5 Acenaphthylene (C15.06)

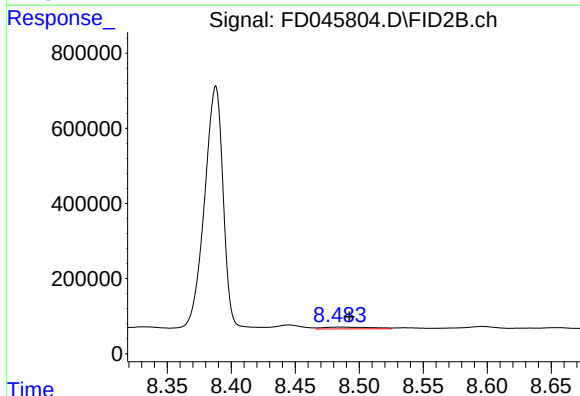
R.T.: 8.216 min
Delta R.T.: 0.019 min
Response: 159570
Conc: 0.84 ug/ml

Instrument :
FID_D
ClientSampleId :



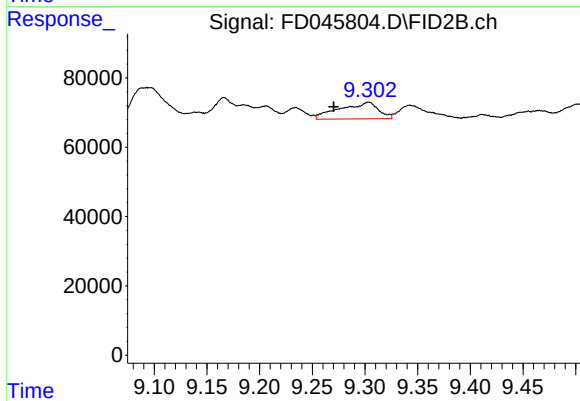
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: -0.005 min
Response: 659954
Conc: 54.89 ug/ml



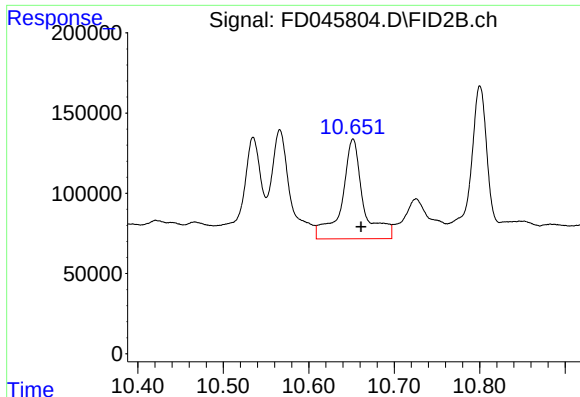
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.008 min
Response: 127897
Conc: 0.63 ug/ml



#8 Flouorene (C16.55)

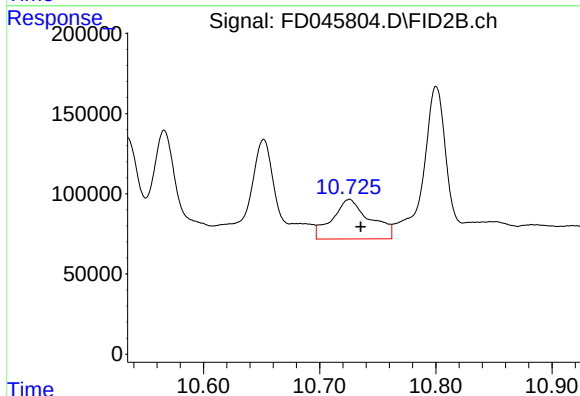
R.T.: 9.303 min
Delta R.T.: 0.033 min
Response: 122618
Conc: 0.62 ug/ml



#9 Phenanthrene (C19.36)

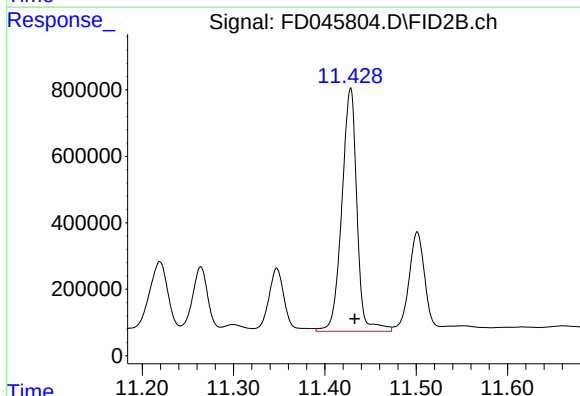
R.T.: 10.652 min
Delta R.T.: -0.009 min
Response: 1087518
Conc: 5.68 ug/ml

Instrument :
FID_D
ClientSampleId :



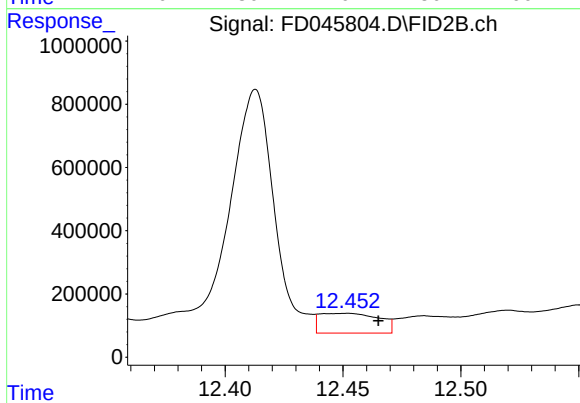
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.010 min
Response: 561165
Conc: 3.29 ug/ml



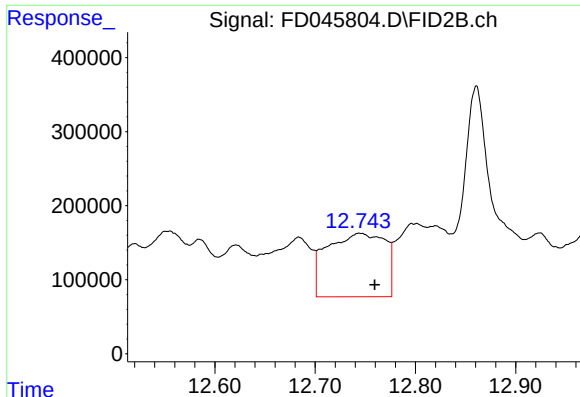
#11 ortho-Terphenyl (SURR)

R.T.: 11.428 min
Delta R.T.: -0.005 min
Response: 8412752
Conc: 37.66 ug/ml



#12 Fluoranthene (C21.85)

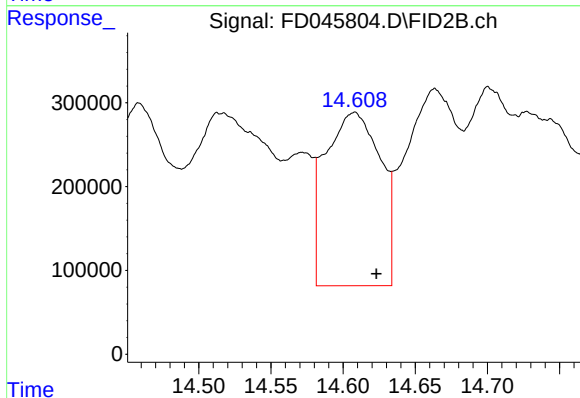
R.T.: 12.450 min
Delta R.T.: -0.015 min
Response: 1092422
Conc: 5.91 ug/ml



#13 Pyrene (C20.8)

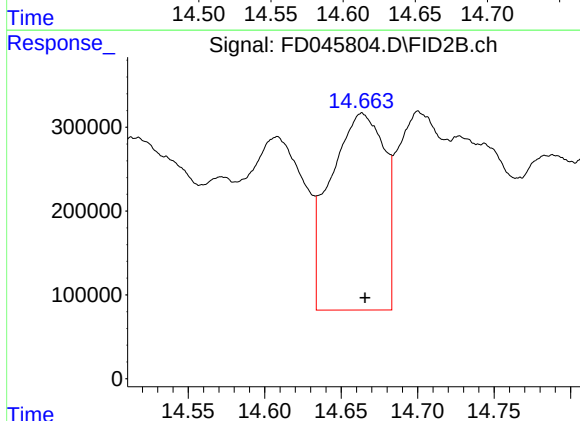
R.T.: 12.745 min
Delta R.T.: -0.015 min
Response: 3443199
Conc: 19.28 ug/ml

Instrument :
FID_D
ClientSampleId :



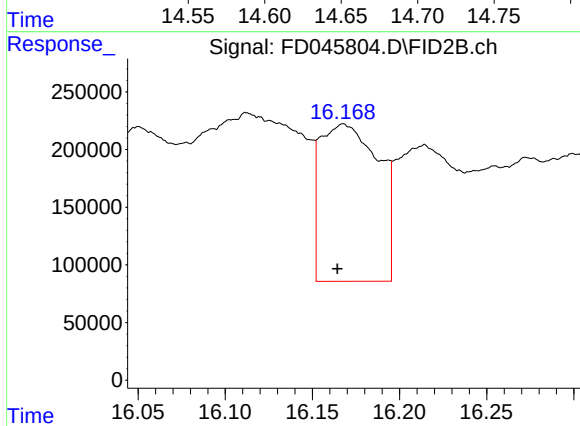
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.608 min
Delta R.T.: -0.015 min
Response: 5478871
Conc: 34.99 ug/ml



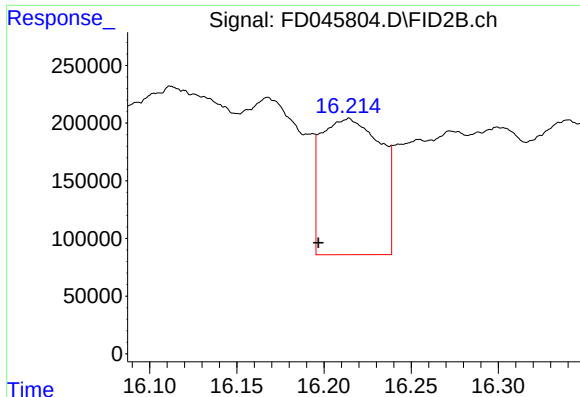
#15 Chrysene (C27.41)

R.T.: 14.664 min
Delta R.T.: -0.002 min
Response: 5747098
Conc: 34.83 ug/ml



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

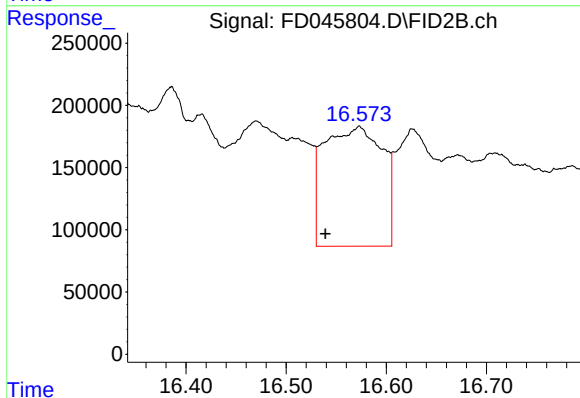
R.T.: 16.168 min
Delta R.T.: 0.004 min
Response: 3169324
Conc: 20.94 ug/ml



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

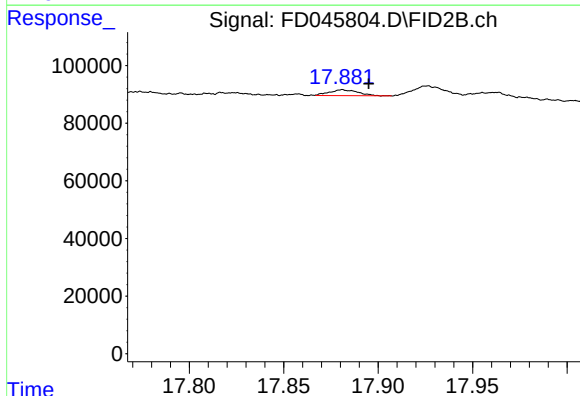
R.T.: 16.214 min
Delta R.T.: 0.017 min
Response: 2799293
Conc: 18.08 ug/ml

Instrument :
FID_D
ClientSampleId :



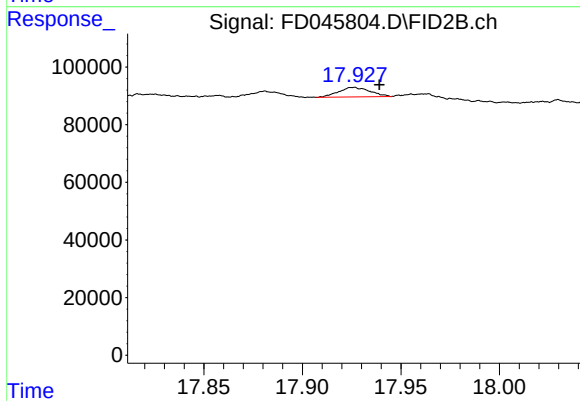
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.034 min
Response: 3892234
Conc: 26.62 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 21089
Conc: 0.14 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.013 min
Response: 36292
Conc: 0.24 ug/ml