

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045806.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 12:06
 Operator : YP/AJ
 Sample : 03046-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 15:11:19 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	9595338	53.223 ug/ml
Spiked Amount 50.000		Recovery =	106.45%
6) S 2-Fluorobiphenyl (SURR)	8.387	6458361	53.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.44%
11) S ortho-Terphenyl (SURR)	11.425	3478685	15.574 ug/ml
Spiked Amount 50.000		Recovery =	31.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	23352	0.116 ug/ml
2) T Naphthalene (C11.7)	5.869	38618	0.182 ug/ml
3) T 2-Methylnaphthalene (...)	6.924	49577	0.235 ug/ml
5) T Acenaphthylene (C15.06)	8.216	223500	1.180 ug/ml
7) T Acenaphthene (C15.5)	8.485	155398	0.769 ug/ml
8) T Flouorene (C16.55)	9.304	134088	0.677 ug/ml
9) T Phenanthrene (C19.36)	10.651	1169893	6.115 ug/ml
10) T Anthracene (C19.43)	10.725	585874	3.439 ug/ml
12) T Fluoranthene (C21.85)	12.487	820506	4.441 ug/ml
13) T Pyrene (C20.8)	12.744	3587219	20.085 ug/ml
14) T Benzo[a]anthracene (C...	14.609	5470613	34.941 ug/ml
15) T Chrysene (C27.41)	14.672	6969916	42.247 ug/ml
16) T benzo[b]fluoranthene ...	16.168	3167189	20.927 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	3432926	22.174 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.511	1719046	11.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	55737	0.381 ug/ml
20) T Dibenz[a,h]anthracene...	17.871f	55737	0.372 ug/ml

(f)=RT Delta > 1/2 Window

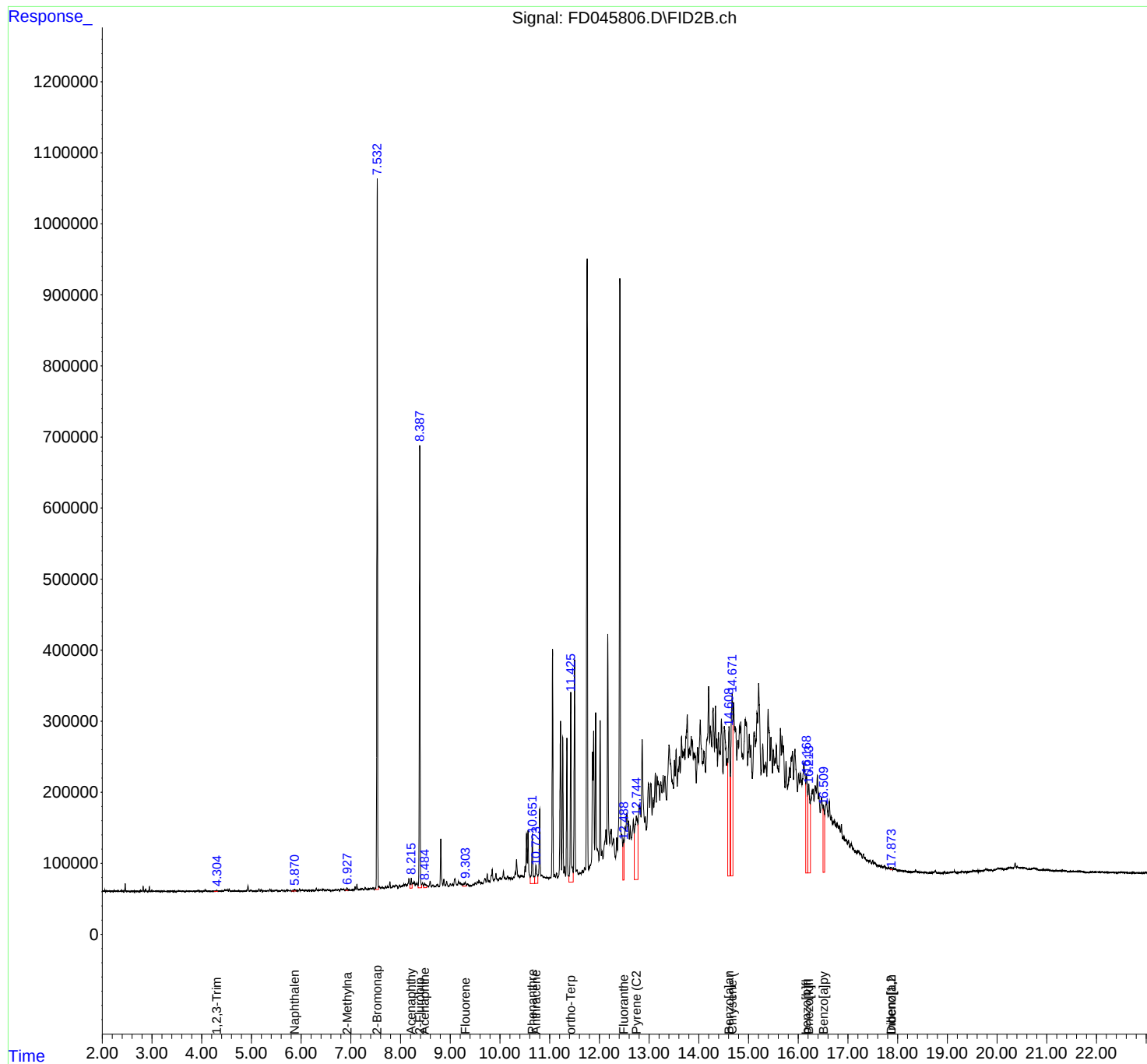
(m)=manual int.

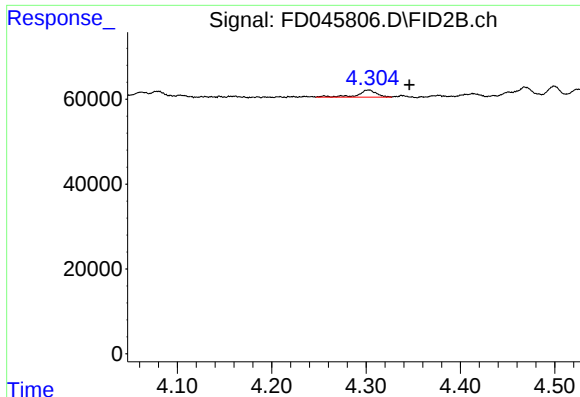
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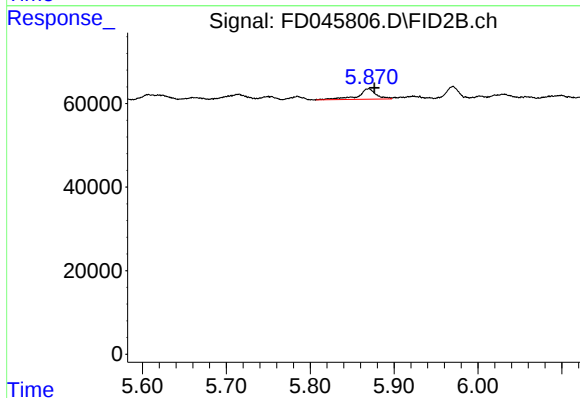




#1 1,2,3-Trimethylbenzene (C10.1)

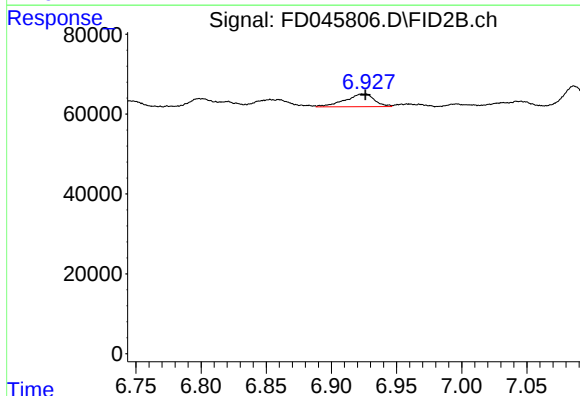
R.T.: 4.303 min
Delta R.T.: -0.043 min
Response: 23352
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



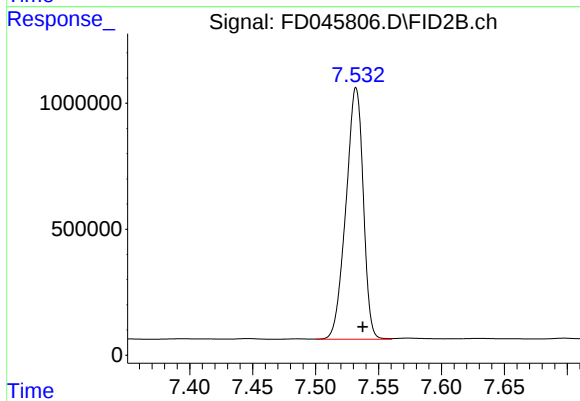
#2 Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: -0.007 min
Response: 38618
Conc: 0.18 ug/ml



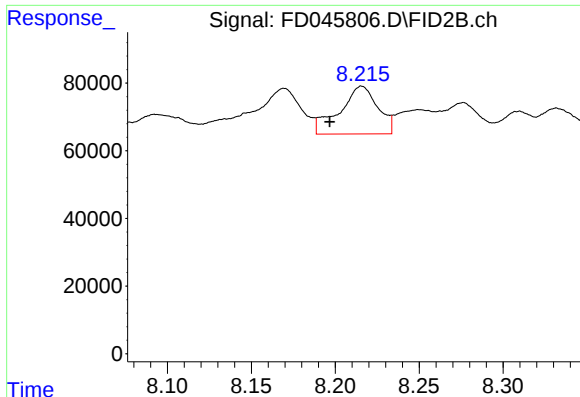
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 49577
Conc: 0.23 ug/ml



#4 2-Bromonaphthalene (SURR)

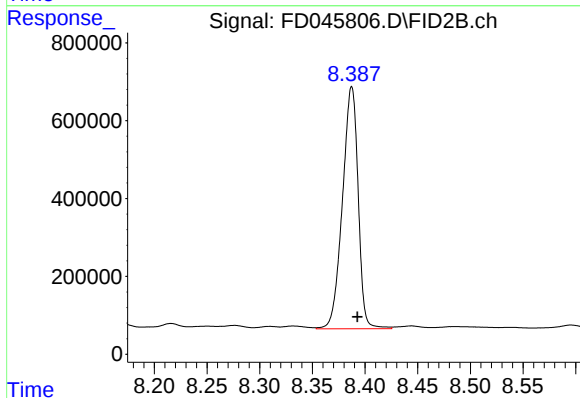
R.T.: 7.532 min
Delta R.T.: -0.005 min
Response: 9595338
Conc: 53.22 ug/ml



#5 Acenaphthylene (C15.06)

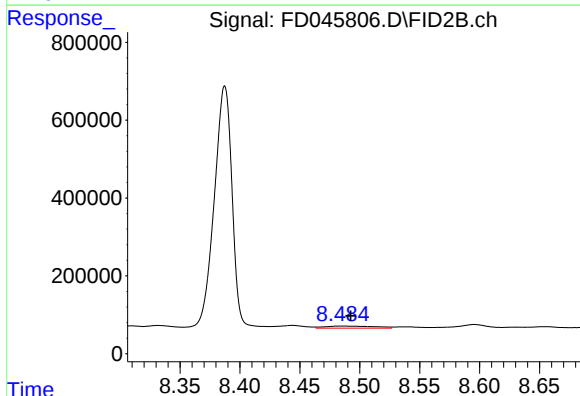
R.T.: 8.216 min
Delta R.T.: 0.019 min
Response: 223500
Conc: 1.18 ug/ml

Instrument :
FID_D
ClientSampleId :



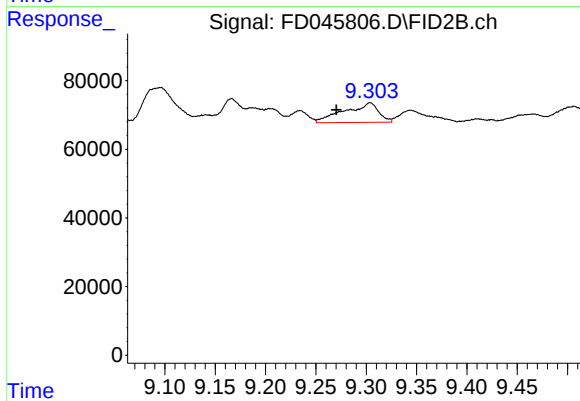
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: -0.006 min
Response: 6458361
Conc: 53.72 ug/ml



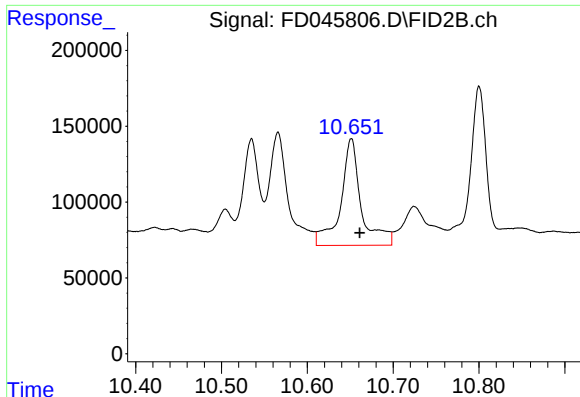
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 155398
Conc: 0.77 ug/ml



#8 Flouorene (C16.55)

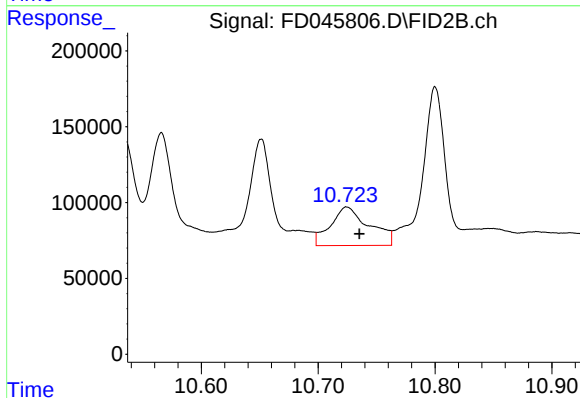
R.T.: 9.304 min
Delta R.T.: 0.033 min
Response: 134088
Conc: 0.68 ug/ml



#9 Phenanthrene (C19.36)

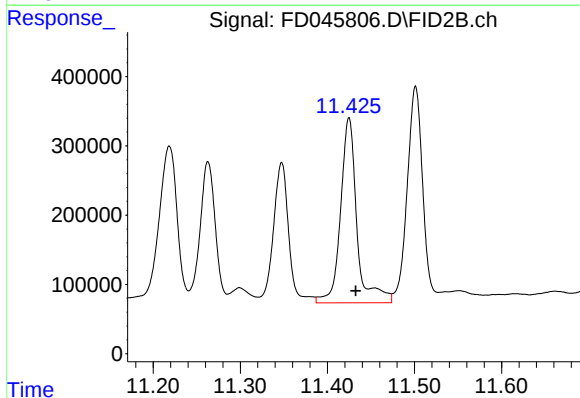
R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 1169893
Conc: 6.12 ug/ml

Instrument :
FID_D
ClientSampleId :



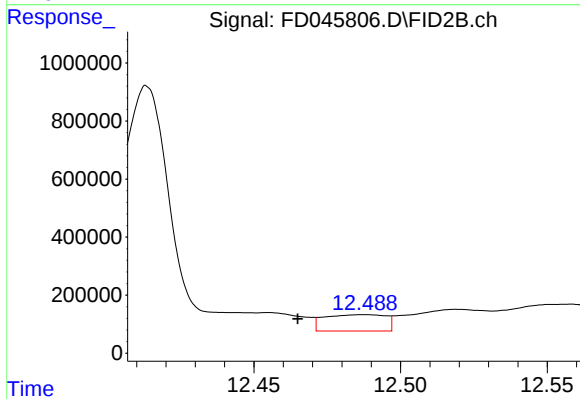
#10 Anthracene (C19.43)

R.T.: 10.725 min
Delta R.T.: -0.011 min
Response: 585874
Conc: 3.44 ug/ml



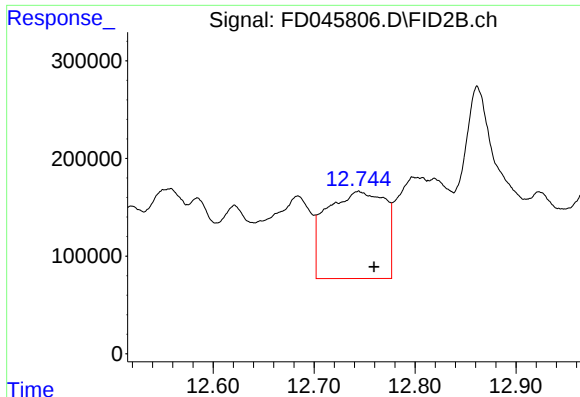
#11 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: -0.008 min
Response: 3478685
Conc: 15.57 ug/ml



#12 Fluoranthene (C21.85)

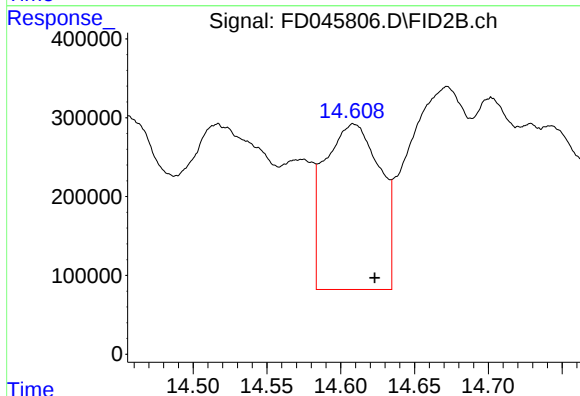
R.T.: 12.487 min
Delta R.T.: 0.022 min
Response: 820506
Conc: 4.44 ug/ml



#13 Pyrene (C20.8)

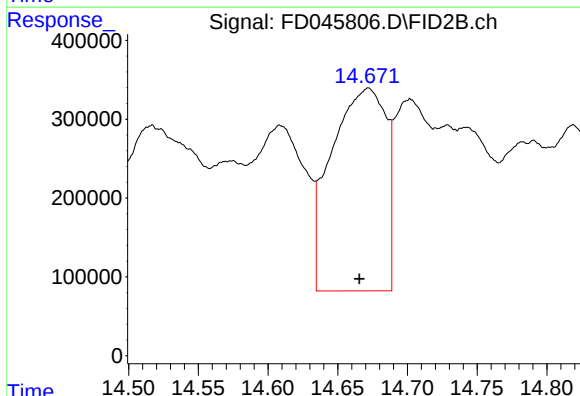
R.T.: 12.744 min
Delta R.T.: -0.015 min
Response: 3587219
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :



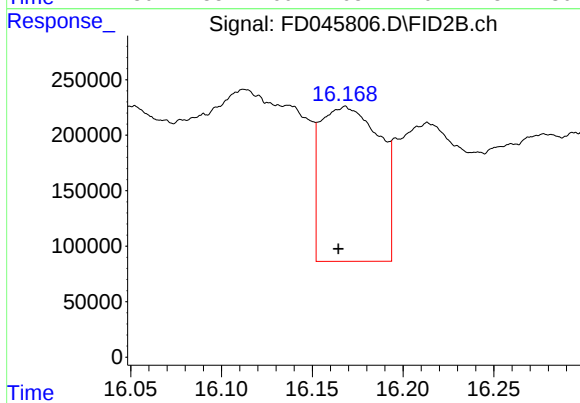
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.609 min
Delta R.T.: -0.014 min
Response: 5470613
Conc: 34.94 ug/ml



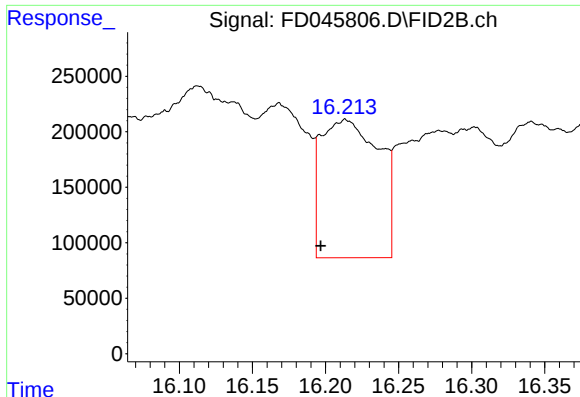
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.006 min
Response: 6969916
Conc: 42.25 ug/ml



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

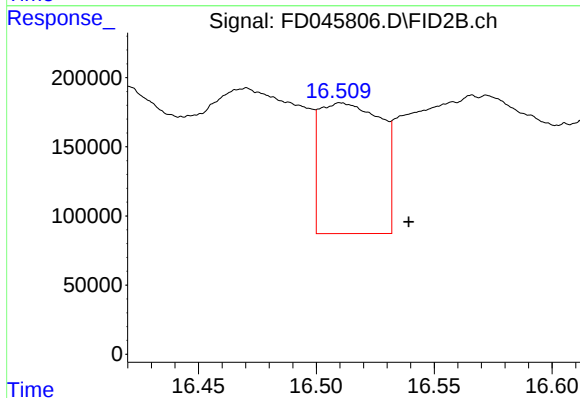
R.T.: 16.168 min
Delta R.T.: 0.004 min
Response: 3167189
Conc: 20.93 ug/ml



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

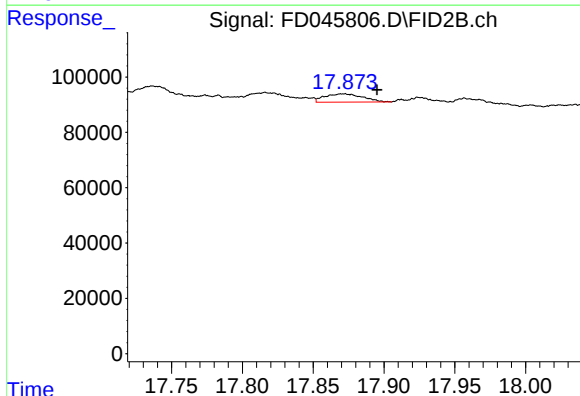
R.T.: 16.214 min
Delta R.T.: 0.017 min
Response: 3432926
Conc: 22.17 ug/ml

Instrument :
FID_D
ClientSampleId :



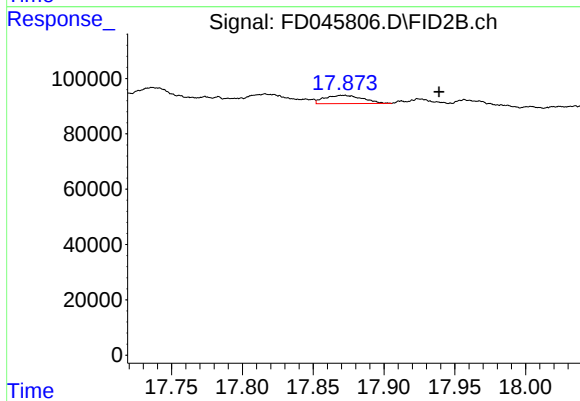
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min
Delta R.T.: -0.028 min
Response: 1719046
Conc: 11.76 ug/ml



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

R.T.: 17.871 min
Delta R.T.: -0.023 min
Response: 55737
Conc: 0.38 ug/ml



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

R.T.: 17.871 min
Delta R.T.: -0.068 min
Response: 55737
Conc: 0.37 ug/ml