

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045422.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 23:36
 Operator : YP/AJ
 Sample : 02139-01D
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 07:14:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.570	33813146	246.795 ug/ml
Spiked Amount 50.000		Recovery =	493.59%
6) S 2-Fluorobiphenyl (SURR)	8.430	34322880	382.865 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	765.73%#
11) S ortho-Terphenyl (SURR)	11.466	31705154	182.230 ug/ml
Spiked Amount 50.000		Recovery =	364.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	6132267	39.364 ug/ml
2) T Naphthalene (C11.7)	5.896	5579104	34.716 ug/ml
3) T 2-Methylnaphthalene (...)	6.969	49778448	310.960 ug/ml
5) T Acenaphthylene (C15.06)	8.204	13919116	95.066 ug/ml
7) T Acenaphthene (C15.5)	8.494	15833367	102.081 ug/ml
8) T Fluorene (C16.55)	9.275	13561561	91.454 ug/ml
9) T Phenanthrene (C19.36)	10.663	21566714	148.884 ug/ml
10) T Anthracene (C19.43)	10.733	15480351	111.994 ug/ml
12) T Fluoranthene (C21.85)	12.501	24548276	170.626 ug/ml
13) T Pyrene (C20.8)	12.793	16313489	116.028 ug/ml
14) T Benzo[a]anthracene (C...	14.611	1709417	13.329 ug/ml
15) T Chrysene (C27.41)	14.725	4277800	32.261 ug/ml
16) T benzo[b]fluoranthene ...	16.214	132694	1.021 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	132694	1.048 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	78584	0.664 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	120088	1.008 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	46597	0.373 ug/ml

(f)=RT Delta > 1/2 Window

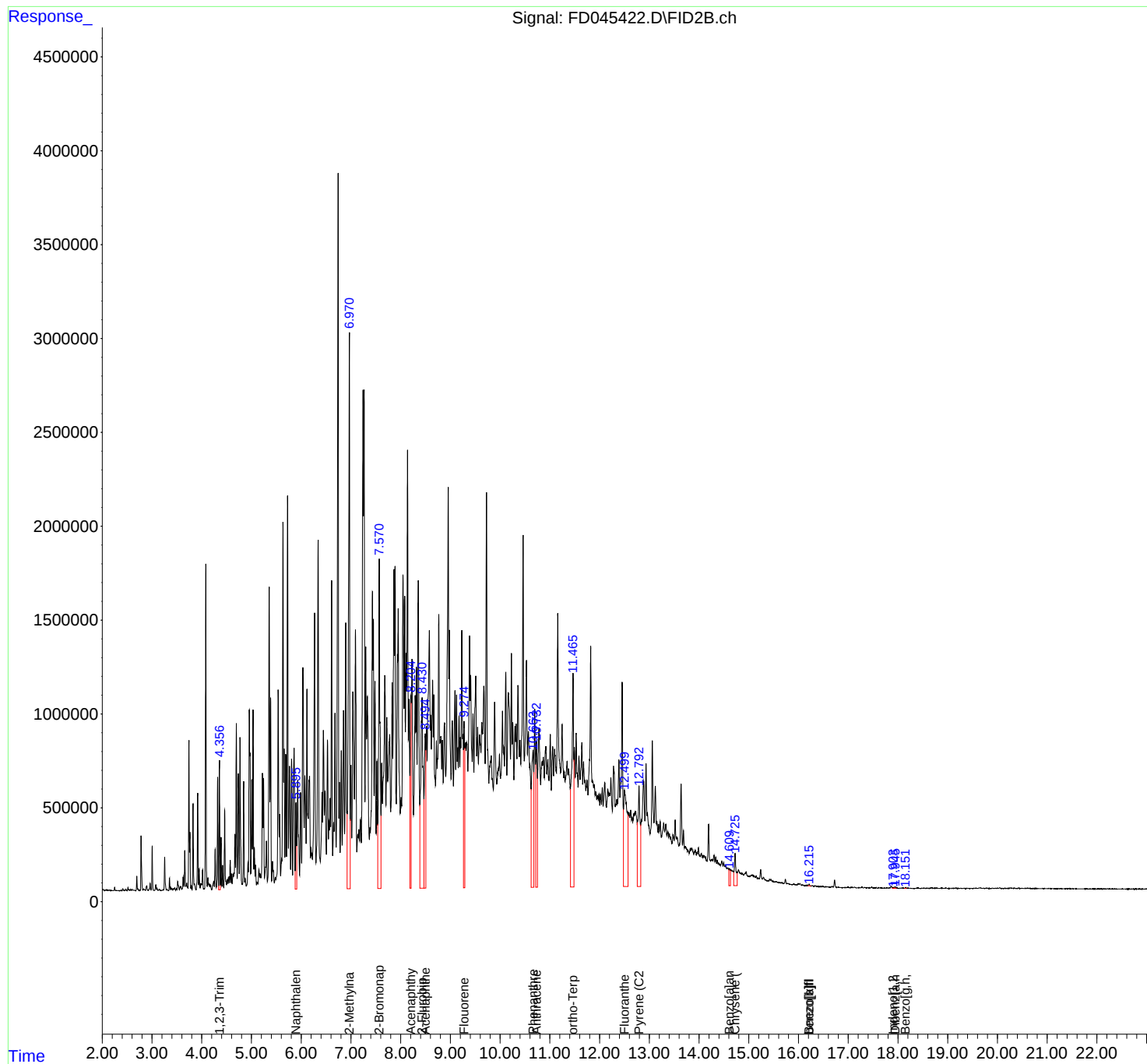
(m)=manual int.

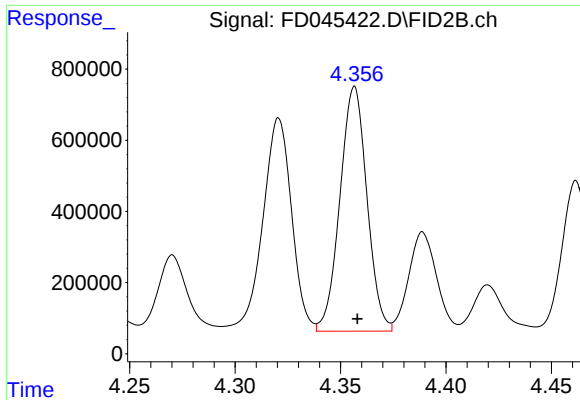
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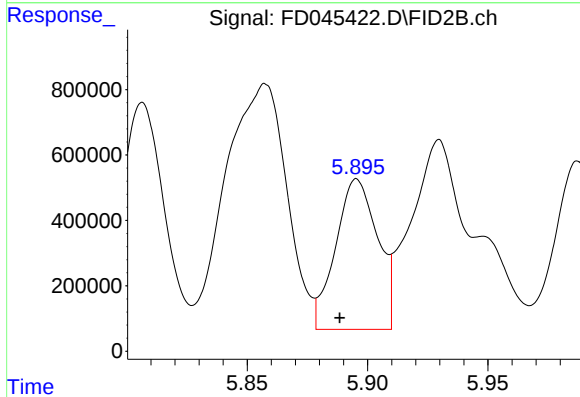




#1 1,2,3-Trimethylbenzene (C10.1)

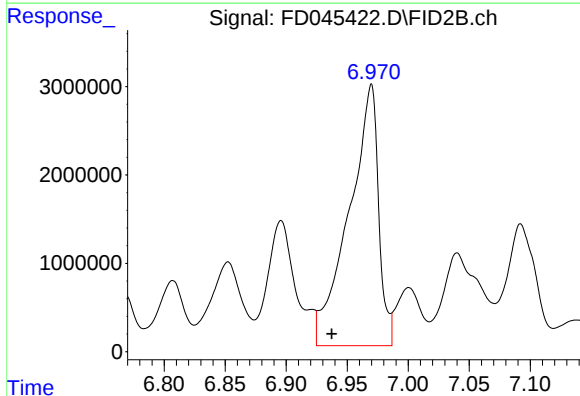
R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 6132267
Conc: 39.36 ug/ml

Instrument :
FID_D
ClientSampleId :



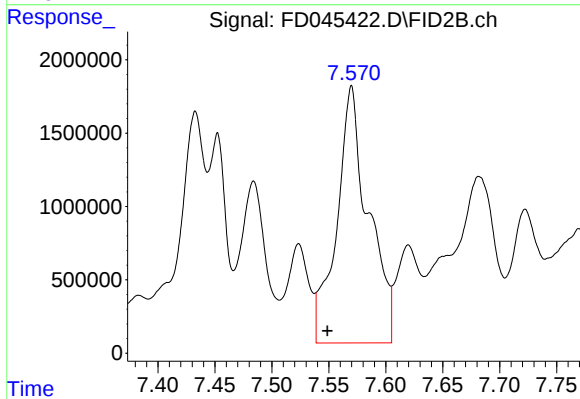
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.007 min
Response: 5579104
Conc: 34.72 ug/ml



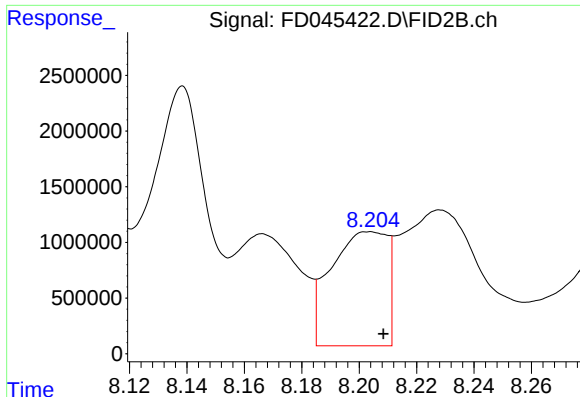
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: 0.032 min
Response: 49778448
Conc: 310.96 ug/ml



#4 2-Bromonaphthalene (SURR)

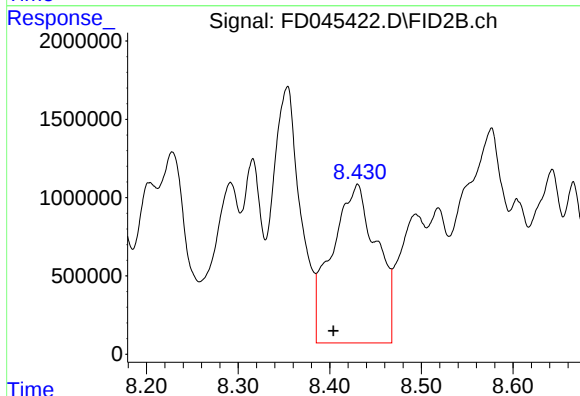
R.T.: 7.570 min
Delta R.T.: 0.021 min
Response: 33813146
Conc: 246.80 ug/ml



#5 Acenaphthylene (C15.06)

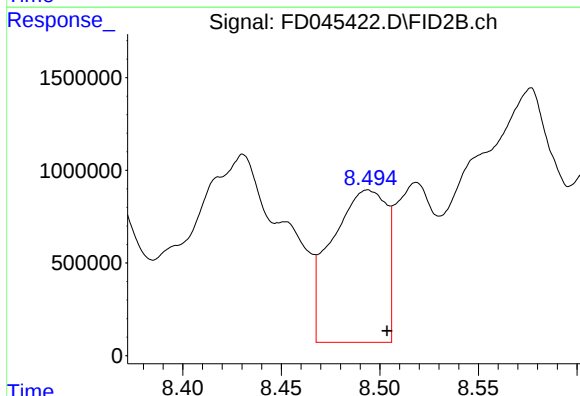
R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 13919116
Conc: 95.07 ug/ml

Instrument :
FID_D
ClientSampleId :



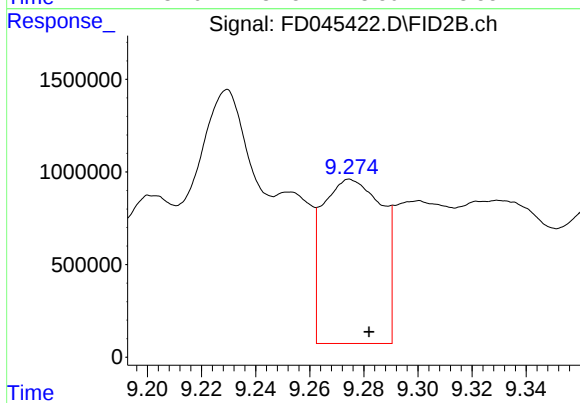
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.430 min
Delta R.T.: 0.026 min
Response: 34322880
Conc: 382.87 ug/ml



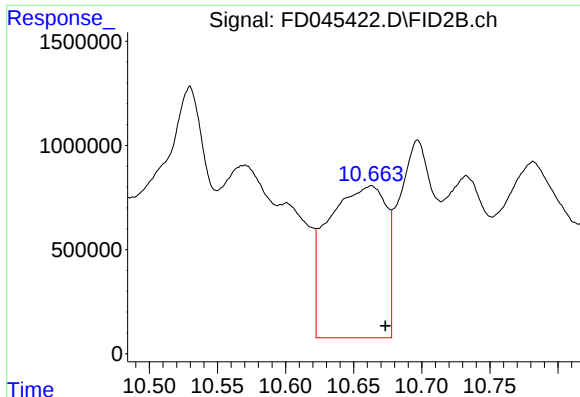
#7 Acenaphthene (C15.5)

R.T.: 8.494 min
Delta R.T.: -0.009 min
Response: 15833367
Conc: 102.08 ug/ml



#8 Fluorene (C16.55)

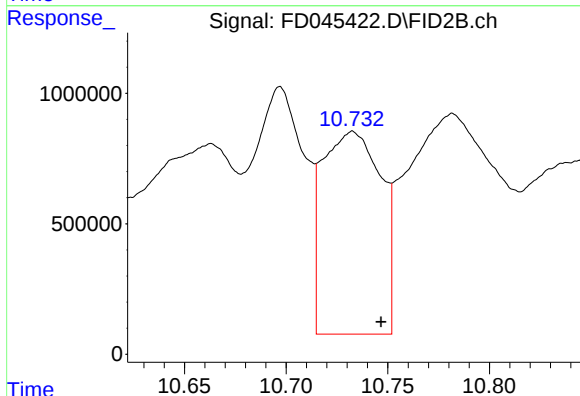
R.T.: 9.275 min
Delta R.T.: -0.007 min
Response: 13561561
Conc: 91.45 ug/ml



#9 Phenanthrene (C19.36)

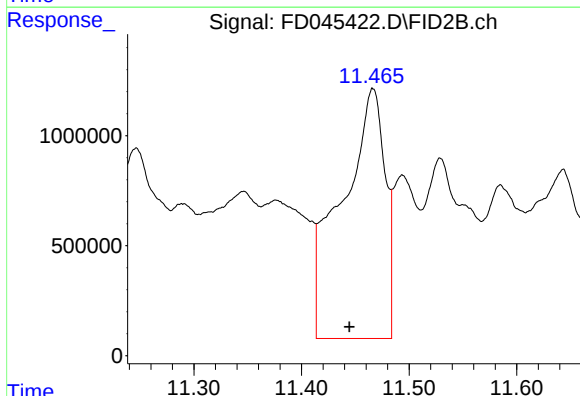
R.T.: 10.663 min
Delta R.T.: -0.011 min
Response: 21566714
Conc: 148.88 ug/ml

Instrument :
FID_D
ClientSampleId :



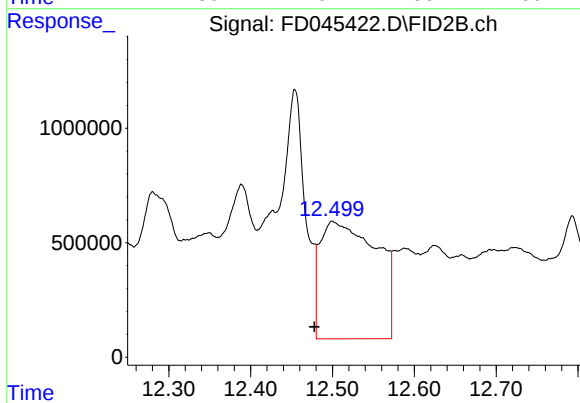
#10 Anthracene (C19.43)

R.T.: 10.733 min
Delta R.T.: -0.014 min
Response: 15480351
Conc: 111.99 ug/ml



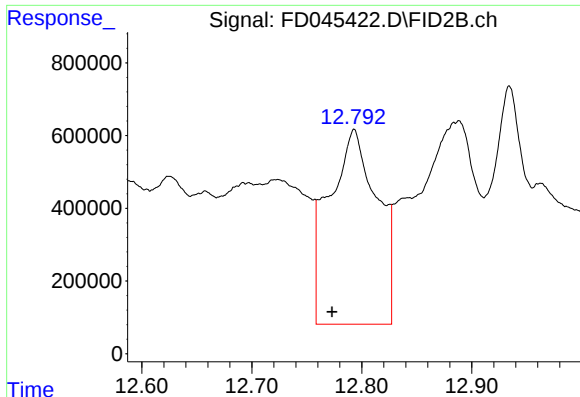
#11 ortho-Terphenyl (SURR)

R.T.: 11.466 min
Delta R.T.: 0.022 min
Response: 31705154
Conc: 182.23 ug/ml



#12 Fluoranthene (C21.85)

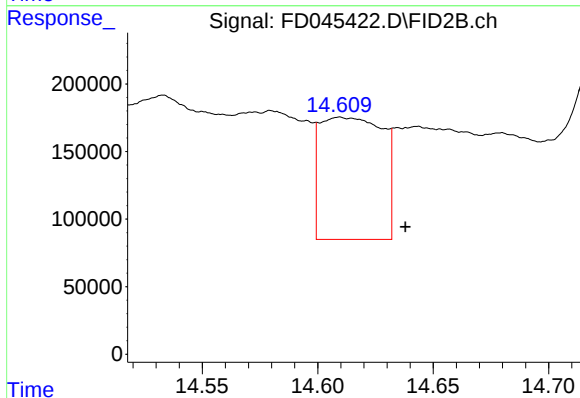
R.T.: 12.501 min
Delta R.T.: 0.023 min
Response: 24548276
Conc: 170.63 ug/ml



#13 Pyrene (C20.8)

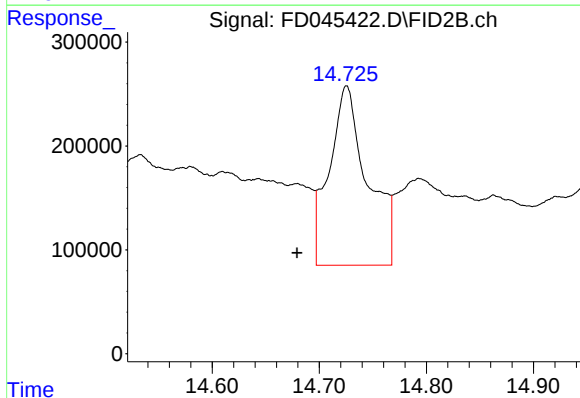
R.T.: 12.793 min
Delta R.T.: 0.020 min
Response: 16313489
Conc: 116.03 ug/ml

Instrument :
FID_D
ClientSampleId :



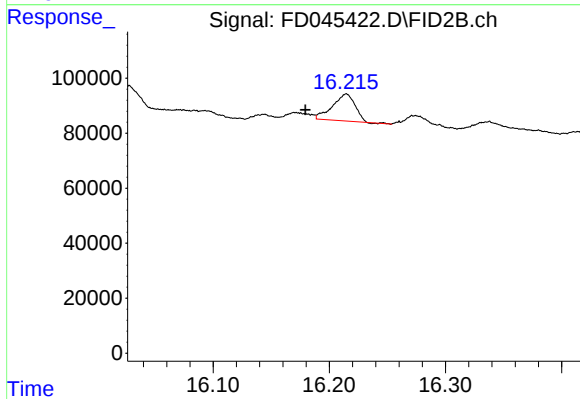
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.611 min
Delta R.T.: -0.027 min
Response: 1709417
Conc: 13.33 ug/ml



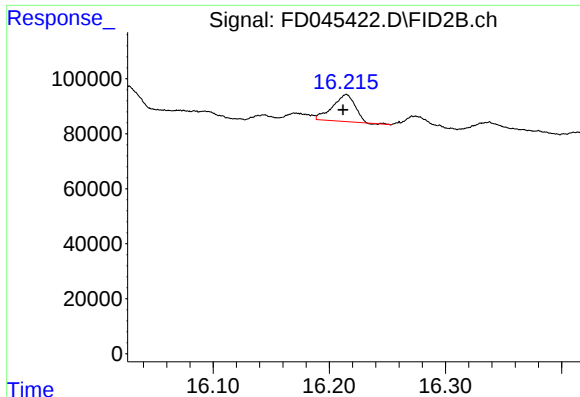
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: 0.046 min
Response: 4277800
Conc: 32.26 ug/ml



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

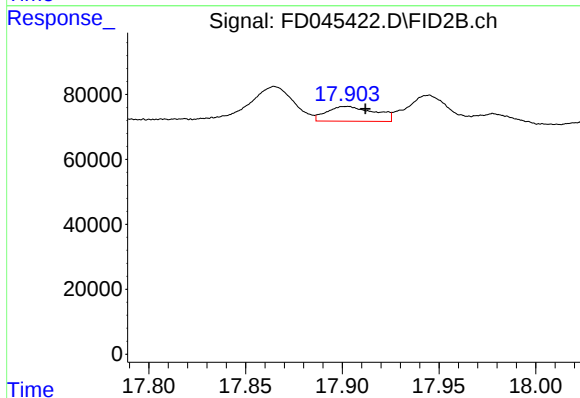
R.T.: 16.214 min
Delta R.T.: 0.035 min
Response: 132694
Conc: 1.02 ug/ml



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

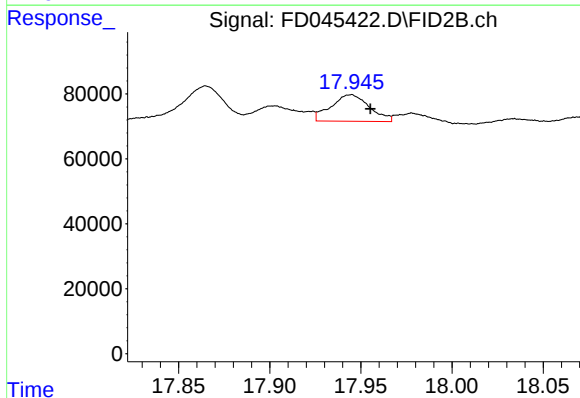
R.T.: 16.214 min
Delta R.T.: 0.003 min
Response: 132694
Conc: 1.05 ug/ml

Instrument :
FID_D
ClientSampleId :



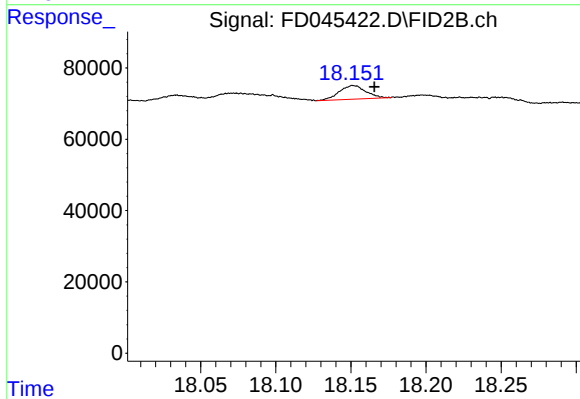
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: -0.010 min
Response: 78584
Conc: 0.66 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.011 min
Response: 120088
Conc: 1.01 ug/ml



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

R.T.: 18.152 min
Delta R.T.: -0.014 min
Response: 46597
Conc: 0.37 ug/ml