

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045388.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2023 04:21
 Operator : YP/AJ
 Sample : 02104-05
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 07:05:26 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...	7.550	7147556	52.169 ug/ml
Spiked Amount 50.000		Recovery =	104.34%
6) S 2-Fluorobiphenyl (SURR)	8.406	4608288	51.405 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.81%
11) S ortho-Terphenyl (SURR)	11.445	5621991	32.313 ug/ml
Spiked Amount 50.000		Recovery =	64.63%
Target Compounds			
2) T Naphthalene (C11.7)	5.887	264553	1.646 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	90195	0.563 ug/ml
7) T Acenaphthene (C15.5)	8.501	214918	1.386 ug/ml
8) T Flouorene (C16.55)	9.278	140927	0.950 ug/ml
9) T Phenanthrene (C19.36)	10.669	453891	3.133 ug/ml
10) T Anthracene (C19.43)	10.742	117181	0.848 ug/ml
12) T Fluoranthene (C21.85)	12.472	496396	3.450 ug/ml
13) T Pyrene (C20.8)	12.766	369484	2.628 ug/ml
14) T Benzo[a]anthracene (C...	14.629	222527	1.735 ug/ml
15) T Chrysene (C27.41)	14.670	236252	1.782 ug/ml
16) T benzo[b]fluoranthene ...	16.172	262871	2.024 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	117832	0.930 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.545	196187	1.560 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	145001	1.225 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	81394	0.683 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	165804	1.327 ug/ml

(f)=RT Delta > 1/2 Window

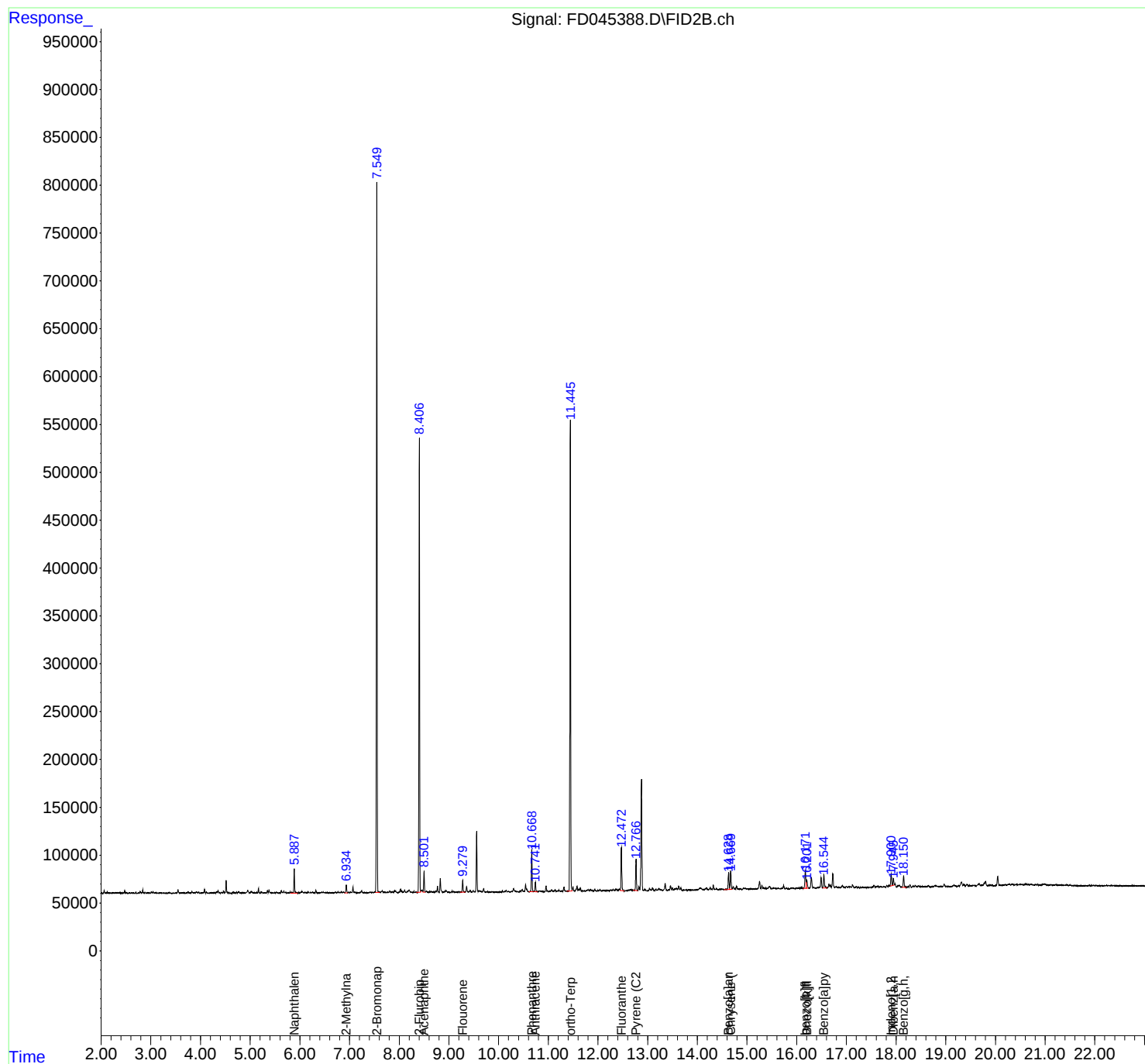
(m)=manual int.

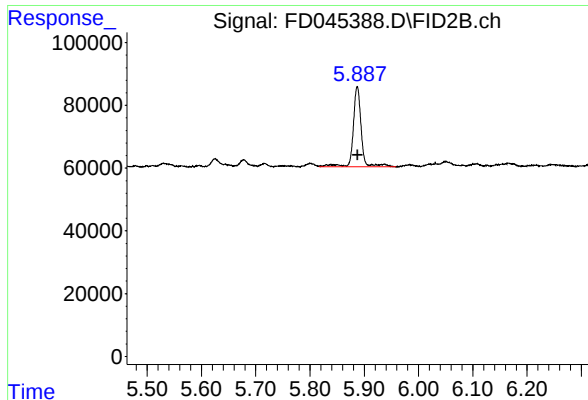
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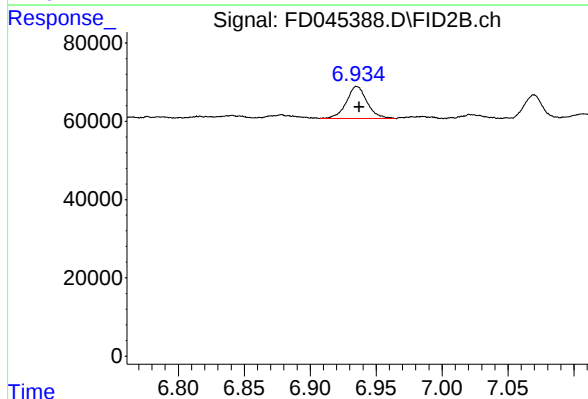




#2 Naphthalene (C11.7)

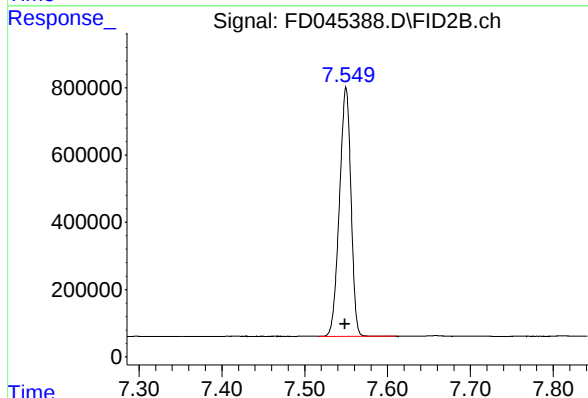
R.T.: 5.887 min
Delta R.T.: -0.001 min
Response: 264553
Conc: 1.65 ug/ml

Instrument :
FID_D
ClientSampleId :



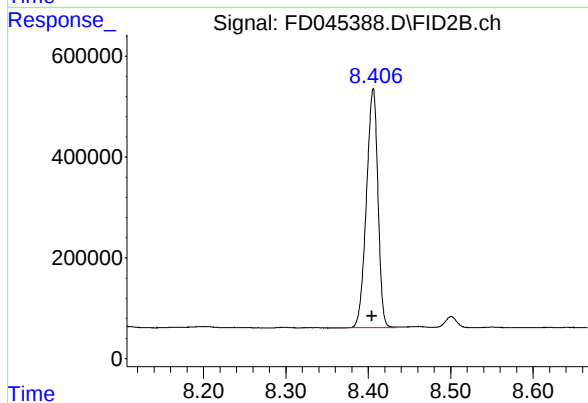
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 90195
Conc: 0.56 ug/ml



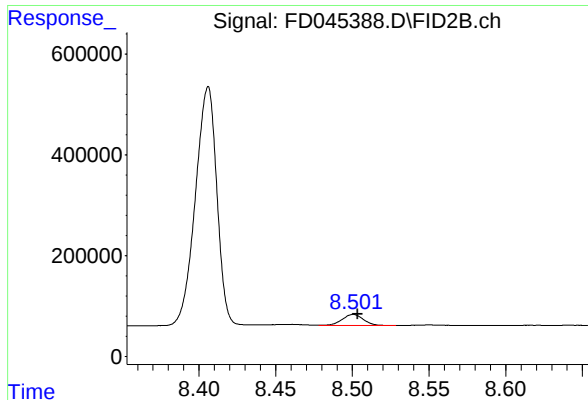
#4 2-Bromonaphthalene (SURR)

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 7147556
Conc: 52.17 ug/ml



#6 2-Fluorobiphenyl (SURR)

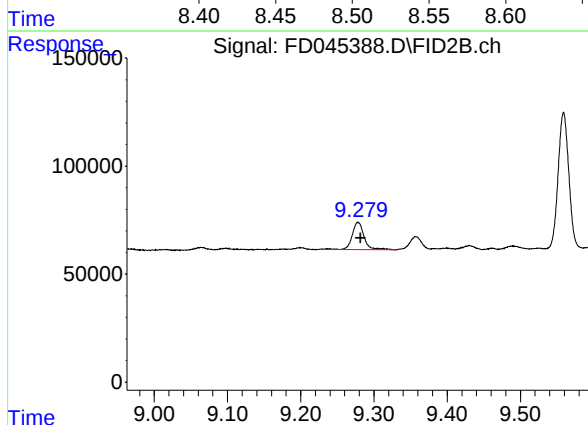
R.T.: 8.406 min
Delta R.T.: 0.001 min
Response: 4608288
Conc: 51.40 ug/ml



#7 Acenaphthene (C15.5)

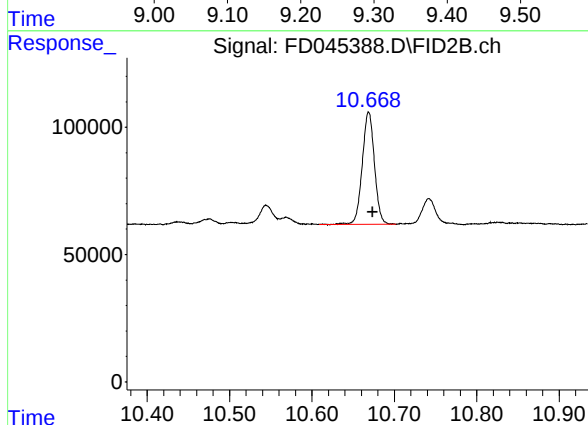
R.T.: 8.501 min
Delta R.T.: -0.003 min
Response: 214918
Conc: 1.39 ug/ml

Instrument :
FID_D
ClientSampleId :



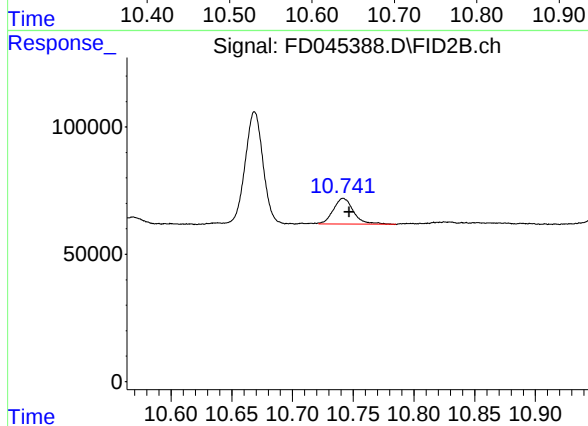
#8 Flouorene (C16.55)

R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 140927
Conc: 0.95 ug/ml



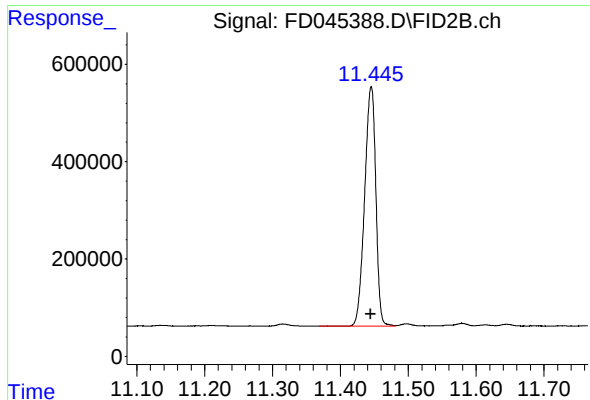
#9 Phenanthrene (C19.36)

R.T.: 10.669 min
Delta R.T.: -0.005 min
Response: 453891
Conc: 3.13 ug/ml



#10 Anthracene (C19.43)

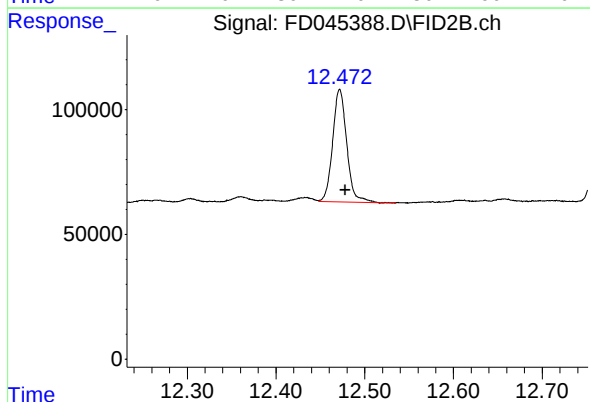
R.T.: 10.742 min
Delta R.T.: -0.005 min
Response: 117181
Conc: 0.85 ug/ml



#11 ortho-Terphenyl (SURR)

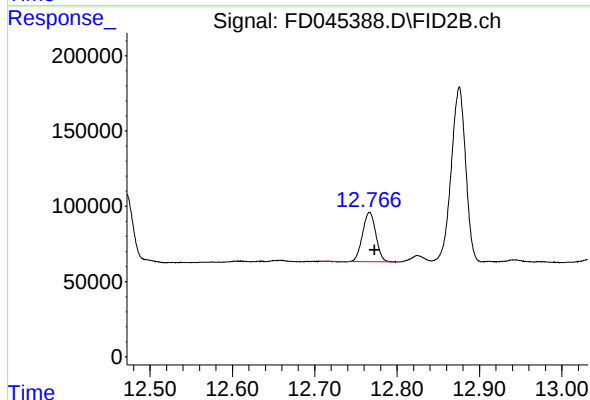
R.T.: 11.445 min
Delta R.T.: 0.000 min
Response: 5621991
Conc: 32.31 ug/ml

Instrument :
FID_D
ClientSampleId :



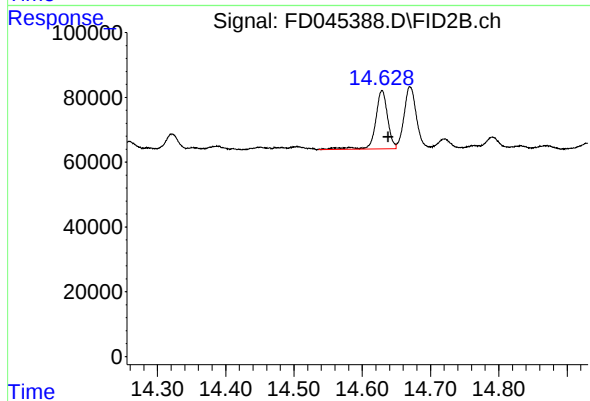
#12 Fluoranthene (C21.85)

R.T.: 12.472 min
Delta R.T.: -0.006 min
Response: 496396
Conc: 3.45 ug/ml



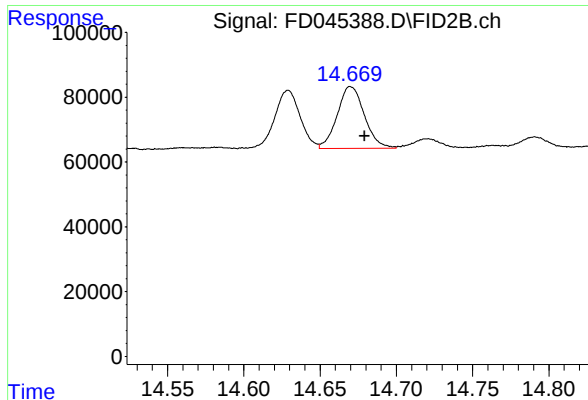
#13 Pyrene (C20.8)

R.T.: 12.766 min
Delta R.T.: -0.006 min
Response: 369484
Conc: 2.63 ug/ml



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

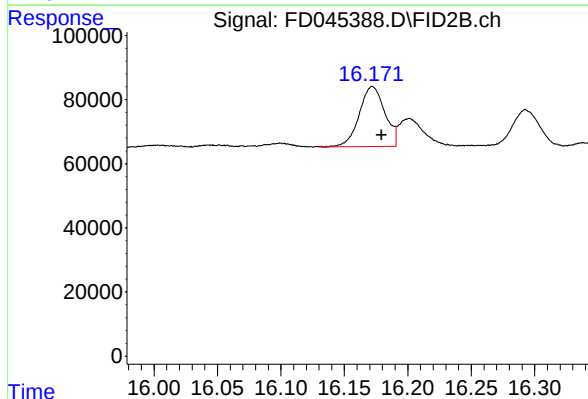
R.T.: 14.629 min
Delta R.T.: -0.009 min
Response: 222527
Conc: 1.74 ug/ml



#15 Chrysene (C27.41)

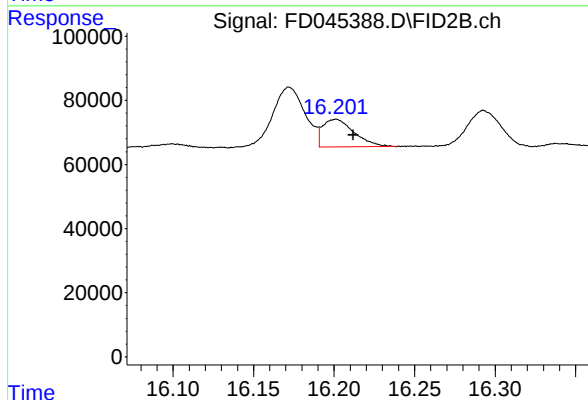
R.T.: 14.670 min
Delta R.T.: -0.009 min
Response: 236252
Conc: 1.78 ug/ml

Instrument :
FID_D
ClientSampleId :



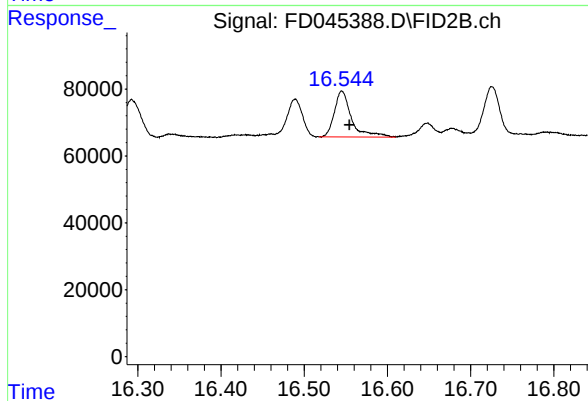
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.172 min
Delta R.T.: -0.007 min
Response: 262871
Conc: 2.02 ug/ml



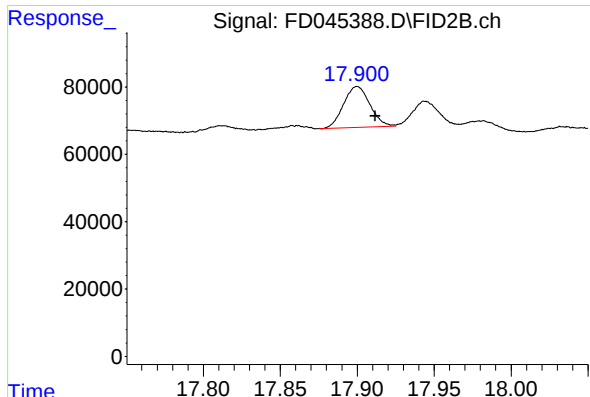
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.201 min
Delta R.T.: -0.011 min
Response: 117832
Conc: 0.93 ug/ml



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

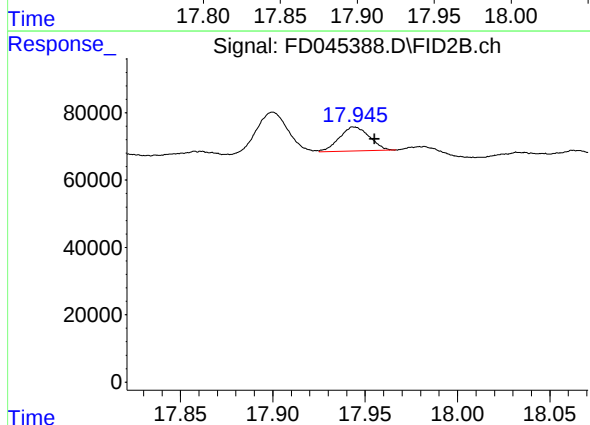
R.T.: 16.545 min
Delta R.T.: -0.010 min
Response: 196187
Conc: 1.56 ug/ml



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

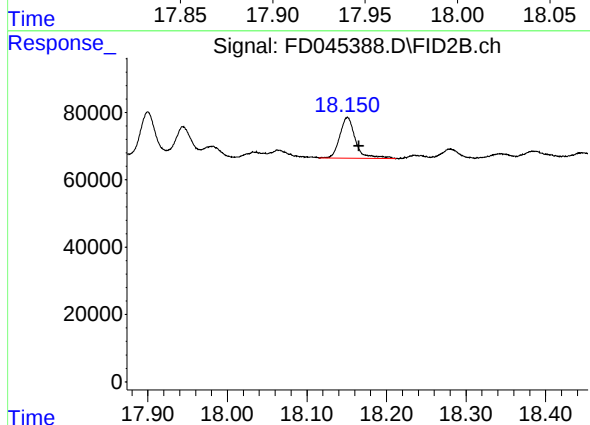
R.T.: 17.900 min
Delta R.T.: -0.012 min
Response: 145001
Conc: 1.23 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.945 min
Delta R.T.: -0.011 min
Response: 81394
Conc: 0.68 ug/ml



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

R.T.: 18.151 min
Delta R.T.: -0.015 min
Response: 165804
Conc: 1.33 ug/ml