

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045582.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 10:32
 Operator : YP/AJ
 Sample : 02500-17
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:35:40 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...	7.553	14817620	102.490 ug/ml
Spiked Amount 50.000		Recovery =	204.98%
6) S 2-Fluorobiphenyl (SURR)	8.411	12463129	133.654 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	267.31%#
11) S ortho-Terphenyl (SURR)	11.449	15014398	83.894 ug/ml
Spiked Amount 50.000		Recovery =	167.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3190137	19.040 ug/ml
2) T Naphthalene (C11.7)	5.889	1283617	7.500 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	10418457	61.580 ug/ml
5) T Acenaphthylene (C15.06)	8.212	5664779	37.446 ug/ml
7) T Acenaphthene (C15.5)	8.498	7775592	47.959 ug/ml
8) T Fluorene (C16.55)	9.279	2218962	14.406 ug/ml
9) T Phenanthrene (C19.36)	10.674	3865102	25.910 ug/ml
10) T Anthracene (C19.43)	10.760	6722470	52.042 ug/ml
12) T Fluoranthene (C21.85)	12.484	3591742	24.404 ug/ml
13) T Pyrene (C20.8)	12.770	2304615	16.066 ug/ml
15) T Chrysene (C27.41)	14.718	186567	1.367 ug/ml
16) T benzo[b]fluoranthene ...	16.201	112615	0.843 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	112615	0.842 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	110671	0.881 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	100173	0.735 ug/ml

(f)=RT Delta > 1/2 Window

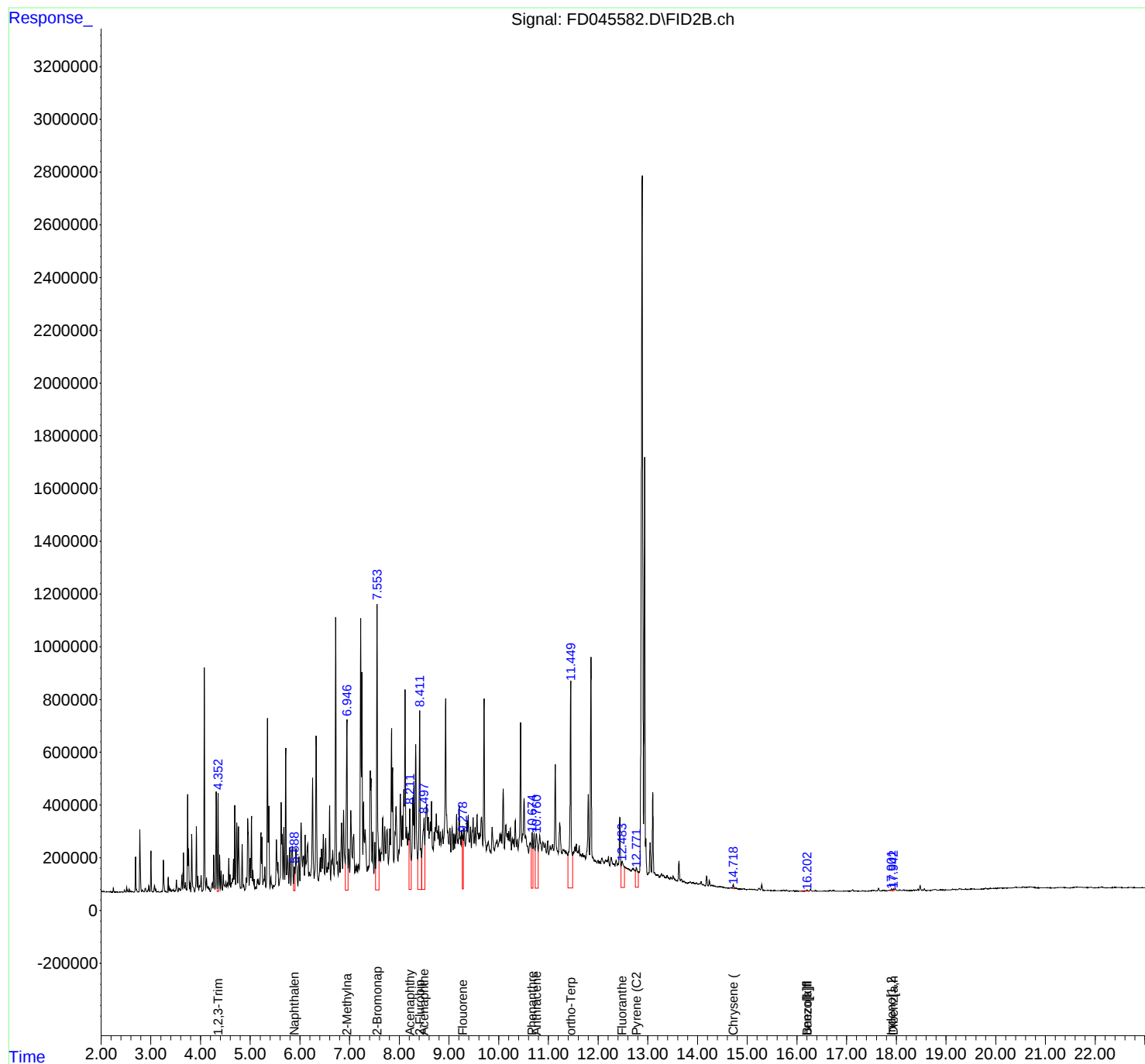
(m)=manual int.

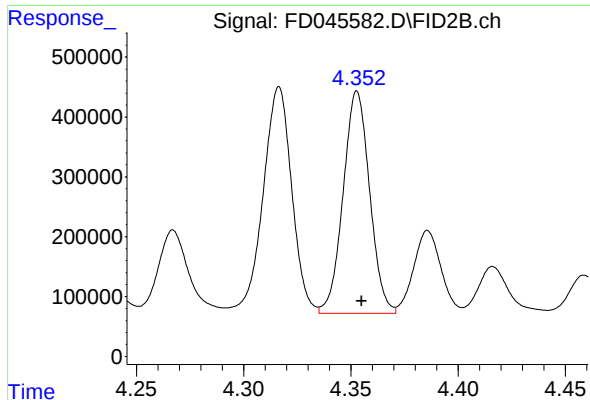
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Signal Info : 20M x 0.18mm x 0.18µm

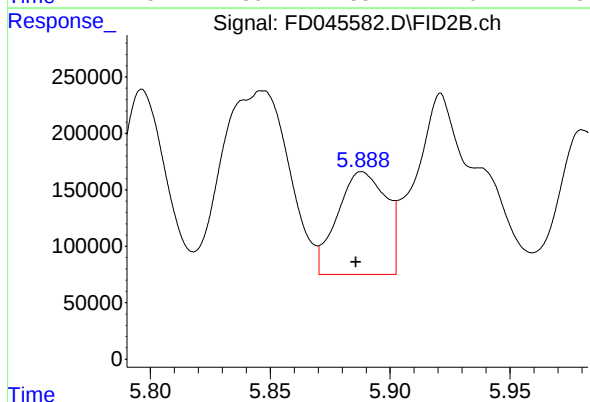




#1 1,2,3-Trimethylbenzene (C10.1)

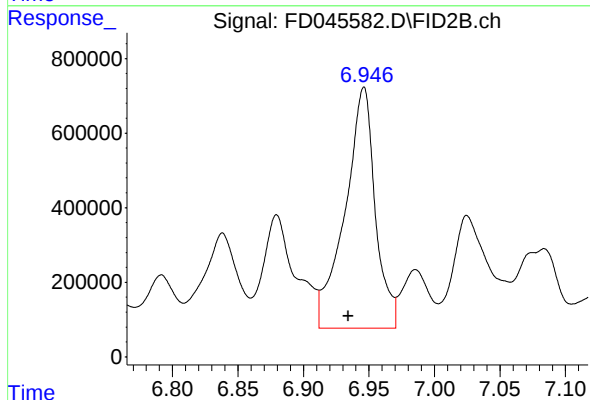
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 3190137
Conc: 19.04 ug/ml

Instrument :
FID_D
ClientSampleId :



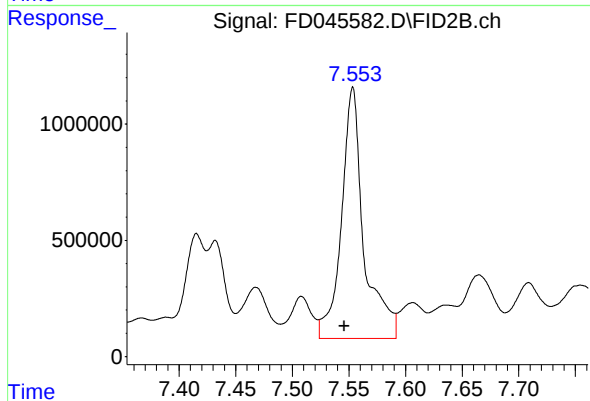
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 1283617
Conc: 7.50 ug/ml



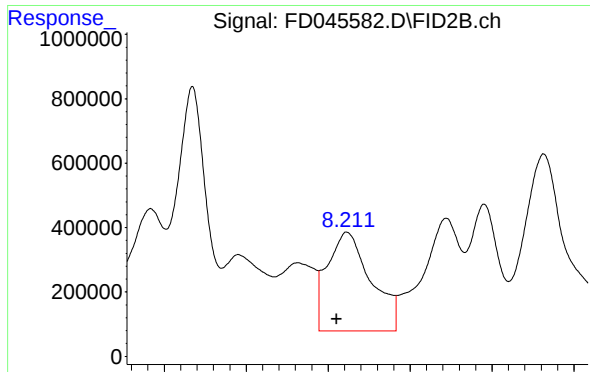
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: 0.012 min
Response: 10418457
Conc: 61.58 ug/ml



#4 2-Bromonaphthalene (SURR)

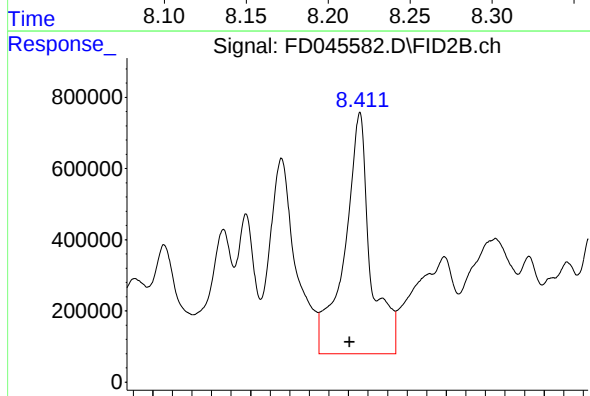
R.T.: 7.553 min
Delta R.T.: 0.007 min
Response: 14817620
Conc: 102.49 ug/ml



#5 Acenaphthylene (C15.06)

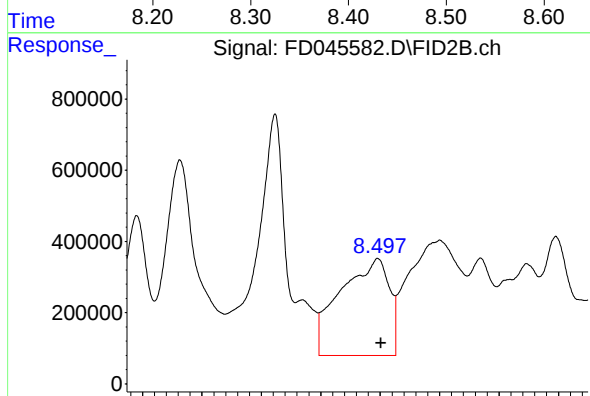
R.T.: 8.212 min
Delta R.T.: 0.006 min
Response: 5664779
Conc: 37.45 ug/ml

Instrument :
FID_D
ClientSampleId :



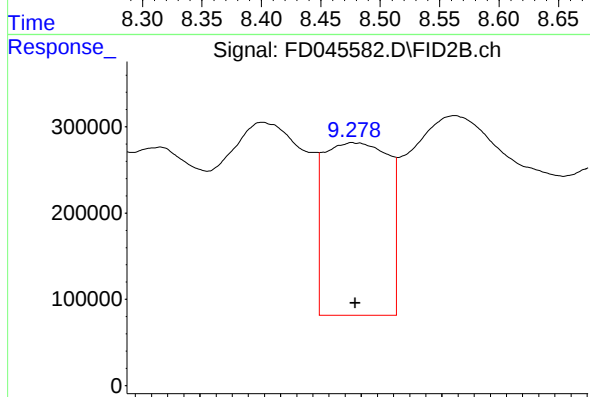
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: 0.010 min
Response: 12463129
Conc: 133.65 ug/ml



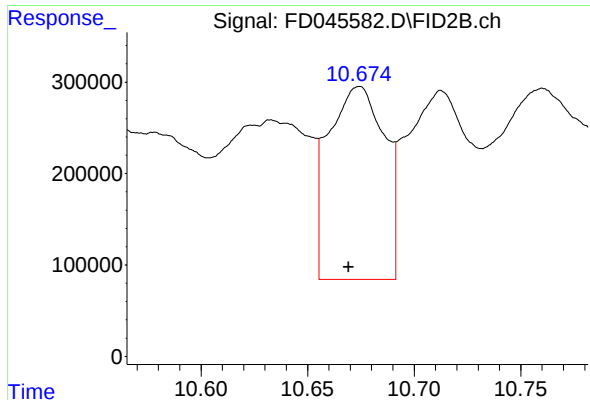
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 7775592
Conc: 47.96 ug/ml



#8 Flouorene (C16.55)

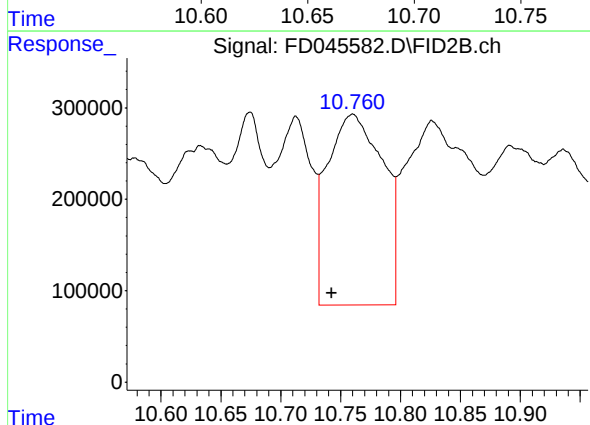
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 2218962
Conc: 14.41 ug/ml



#9 Phenanthrene (C19.36)

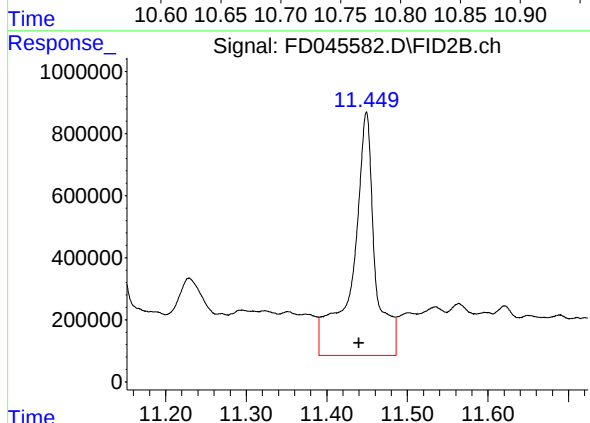
R.T.: 10.674 min
Delta R.T.: 0.005 min
Response: 3865102
Conc: 25.91 ug/ml

Instrument :
FID_D
ClientSampleId :



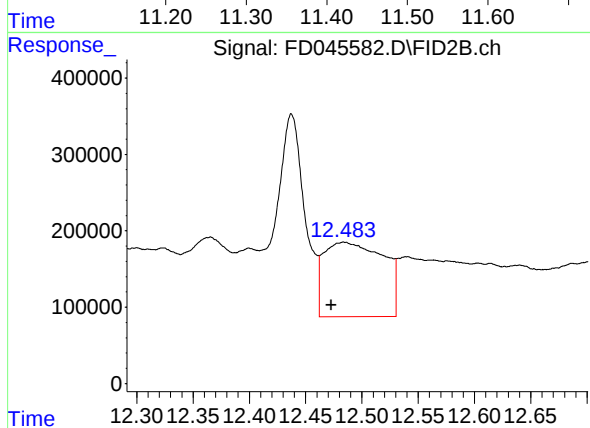
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: 0.017 min
Response: 6722470
Conc: 52.04 ug/ml



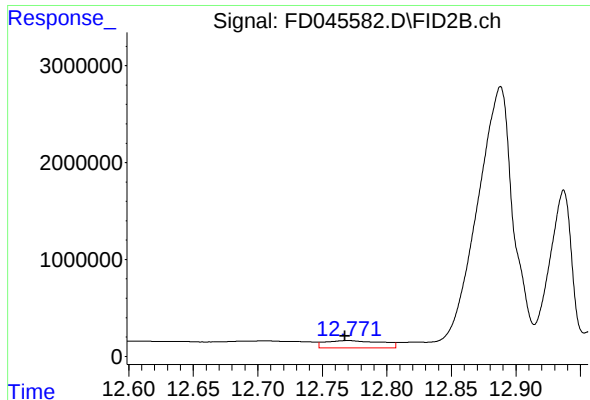
#11 ortho-Terphenyl (SURRE)

R.T.: 11.449 min
Delta R.T.: 0.009 min
Response: 15014398
Conc: 83.89 ug/ml



#12 Fluoranthene (C21.85)

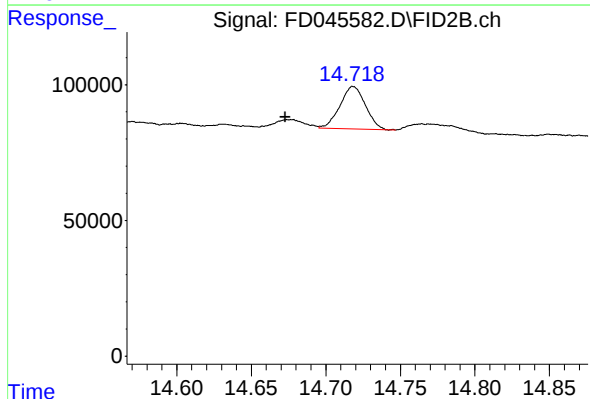
R.T.: 12.484 min
Delta R.T.: 0.011 min
Response: 3591742
Conc: 24.40 ug/ml



#13 Pyrene (C20.8)

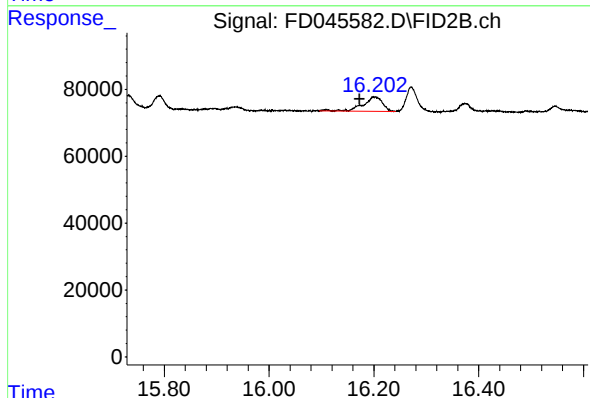
R.T.: 12.770 min
Delta R.T.: 0.002 min
Response: 2304615
Conc: 16.07 ug/ml

Instrument :
FID_D
ClientSampleId :



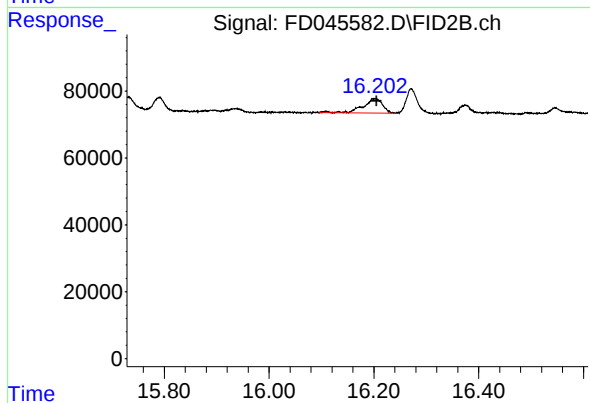
#15 Chrysene (C27.41)

R.T.: 14.718 min
Delta R.T.: 0.045 min
Response: 186567
Conc: 1.37 ug/ml



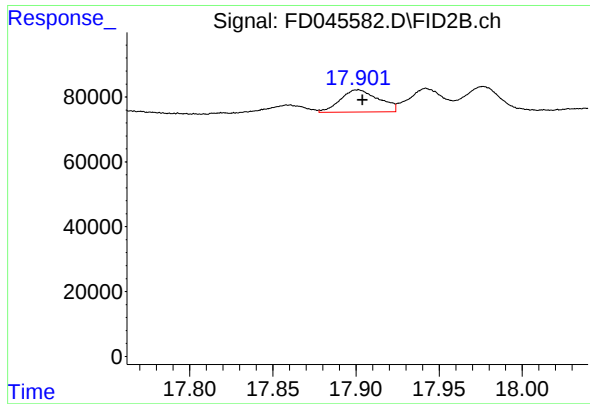
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.201 min
Delta R.T.: 0.028 min
Response: 112615
Conc: 0.84 ug/ml



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

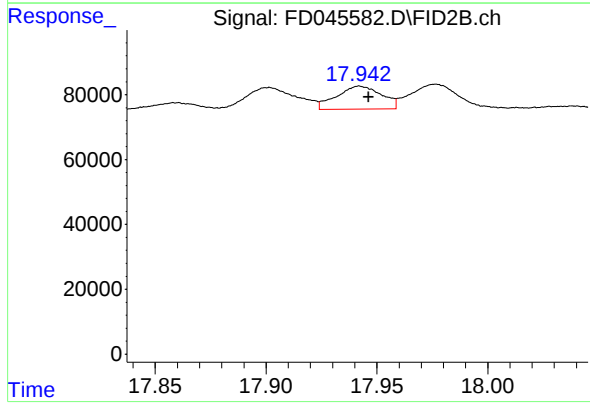
R.T.: 16.201 min
Delta R.T.: -0.004 min
Response: 112615
Conc: 0.84 ug/ml



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

R.T.: 17.901 min
Delta R.T.: -0.003 min
Response: 110671
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.942 min
Delta R.T.: -0.004 min
Response: 100173
Conc: 0.74 ug/ml