

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048693.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 11:39
 Operator : YP/AJ
 Sample : P4721-03DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:45:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.368	2883791	19.000 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
6) S 2-Fluorobiphenyl (SURR)	8.219	2144669	21.842 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.68%
11) S ortho-Terphenyl (SURR)	11.253	3153137	18.511 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	31912	0.183 ug/ml
2) T Naphthalene (C11.7)	5.683	310731	1.741 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	757999	4.238 ug/ml
5) T Acenaphthylene (C15.06)	8.004	1693809	9.646 ug/ml
7) T Acenaphthene (C15.5)	8.312	336395	1.897 ug/ml
8) T Fluorene (C16.55)	9.093	313229	1.853 ug/ml
9) T Phenanthrene (C19.36)	10.484	842507	5.097 ug/ml
10) T Anthracene (C19.43)	10.580	833254	5.211 ug/ml
12) T Fluoranthene (C21.85)	12.290	771330	4.687 ug/ml
13) T Pyrene (C20.8)	12.583	565477	3.511 ug/ml
14) T Benzo[a]anthracene (C...	14.385f	209099	1.430 ug/ml
15) T Chrysene (C27.41)	14.544	71067	0.432 ug/ml
16) T benzo[b]fluoranthene ...	16.043	75789	0.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	75789	0.504 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809f	111884	0.857 ug/ml
20) T Dibenz[a,h]anthracene...	17.809	111884	0.688 ug/ml

(f)=RT Delta > 1/2 Window

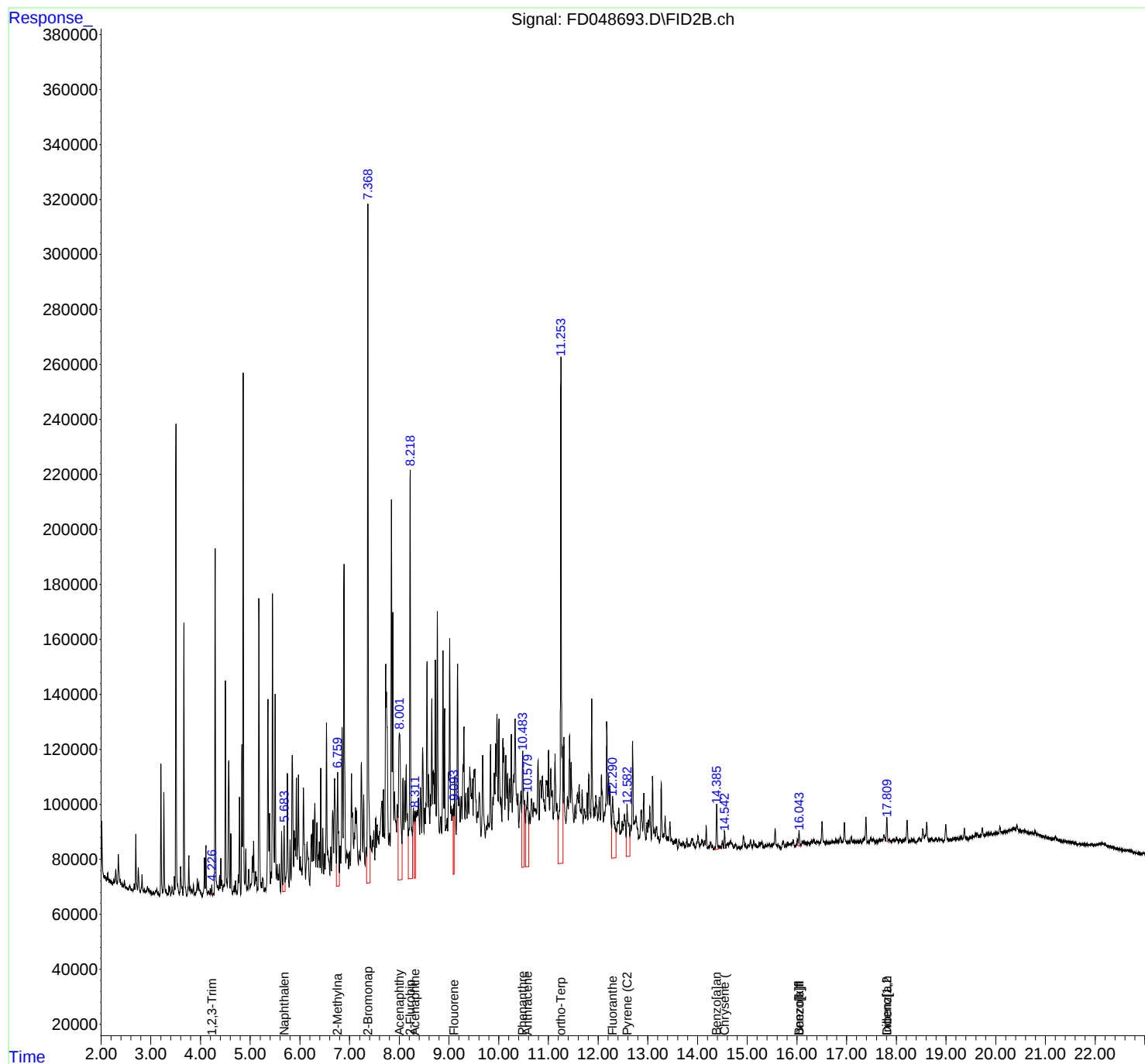
(m)=manual int.

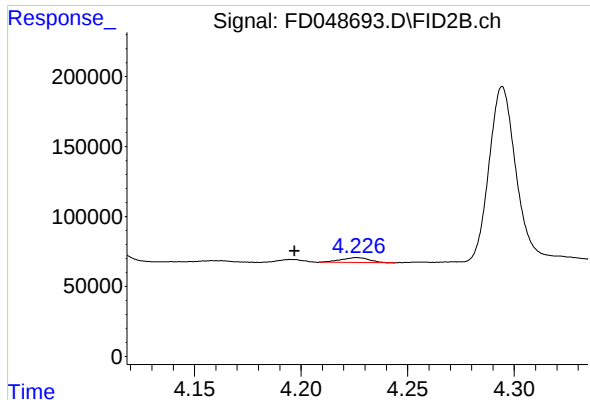
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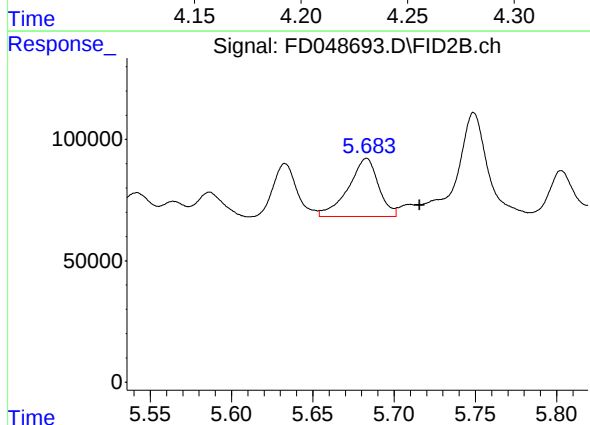




#1 1,2,3-Trimethylbenzene (C10.1)

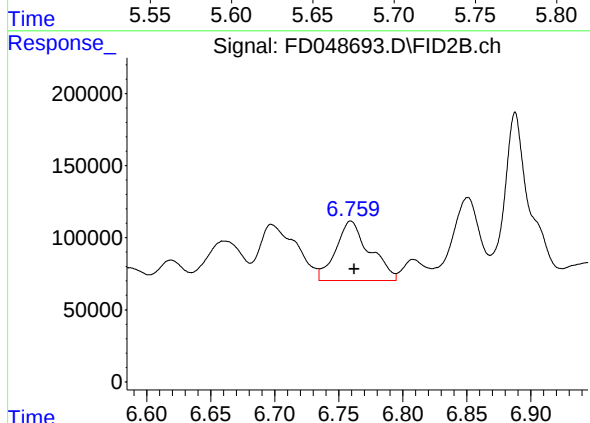
R.T.: 4.226 min
Delta R.T.: 0.029 min
Response: 31912
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



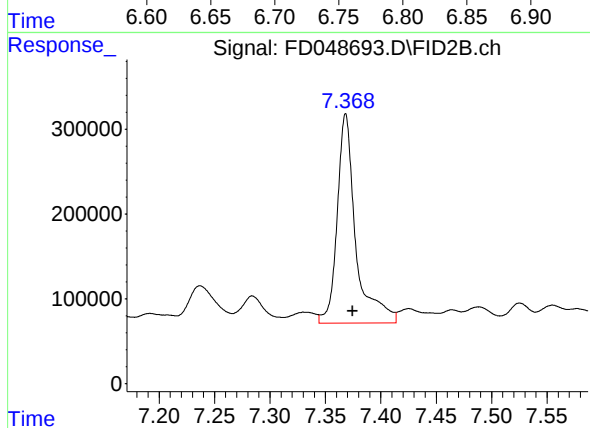
#2 Naphthalene (C11.7)

R.T.: 5.683 min
Delta R.T.: -0.033 min
Response: 310731
Conc: 1.74 ug/ml



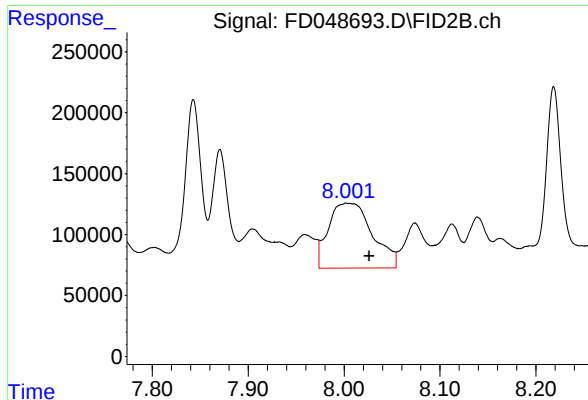
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 757999
Conc: 4.24 ug/ml



#4 2-Bromonaphthalene (SURR)

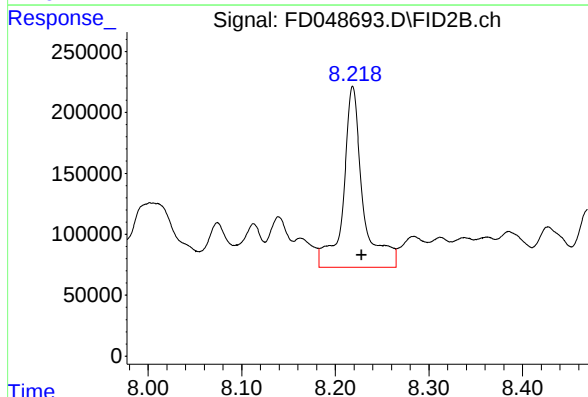
R.T.: 7.368 min
Delta R.T.: -0.006 min
Response: 2883791
Conc: 19.00 ug/ml



#5 Acenaphthylene (C15.06)

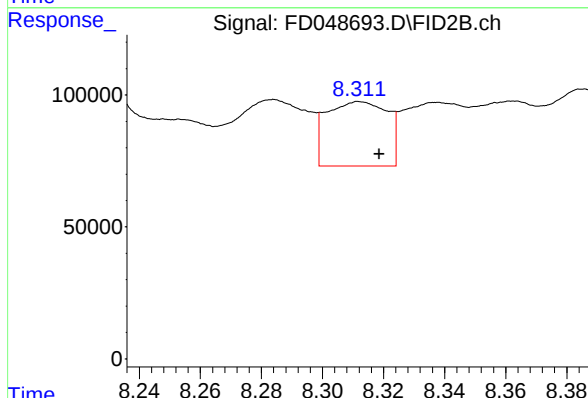
R.T.: 8.004 min
Delta R.T.: -0.022 min
Response: 1693809
Conc: 9.65 ug/ml

Instrument :
FID_D
ClientSampleId :



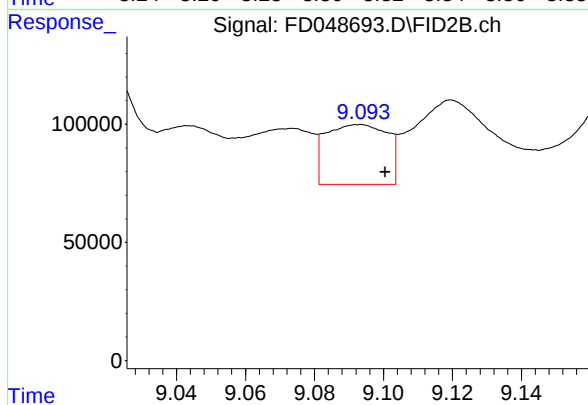
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: -0.009 min
Response: 2144669
Conc: 21.84 ug/ml



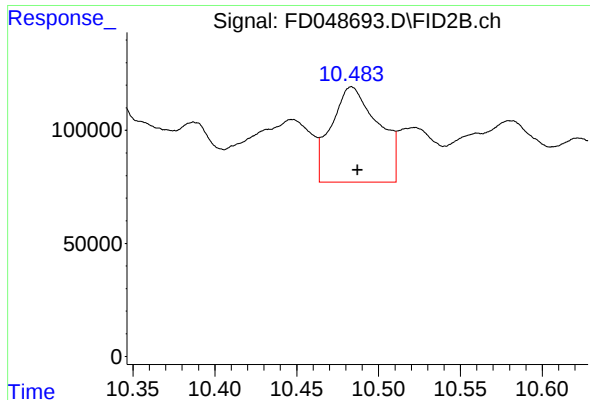
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: -0.006 min
Response: 336395
Conc: 1.90 ug/ml



#8 Flouorene (C16.55)

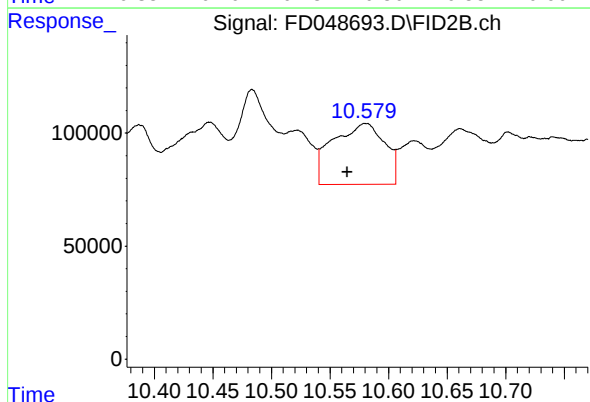
R.T.: 9.093 min
Delta R.T.: -0.008 min
Response: 313229
Conc: 1.85 ug/ml



#9 Phenanthrene (C19.36)

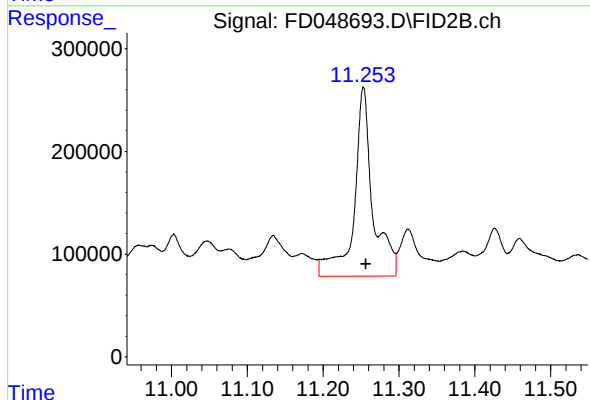
R.T.: 10.484 min
Delta R.T.: -0.004 min
Response: 842507
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :



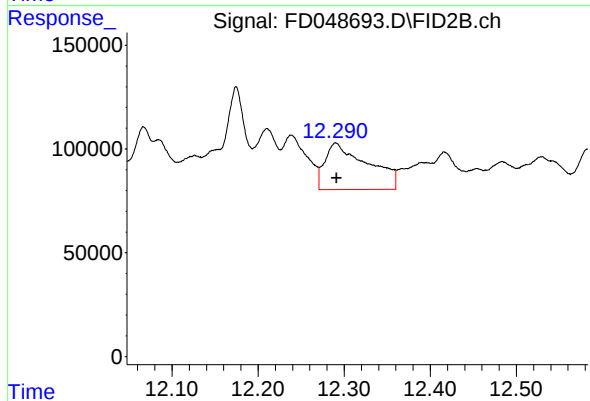
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: 0.016 min
Response: 833254
Conc: 5.21 ug/ml



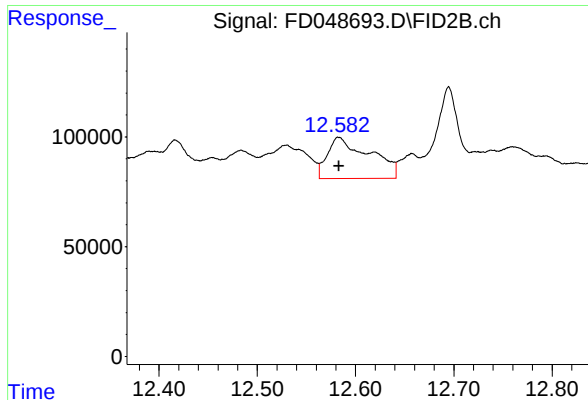
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: -0.004 min
Response: 3153137
Conc: 18.51 ug/ml



#12 Fluoranthene (C21.85)

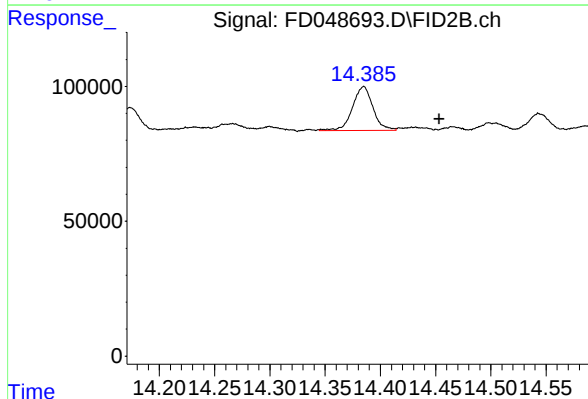
R.T.: 12.290 min
Delta R.T.: -0.001 min
Response: 771330
Conc: 4.69 ug/ml



#13 Pyrene (C20.8)

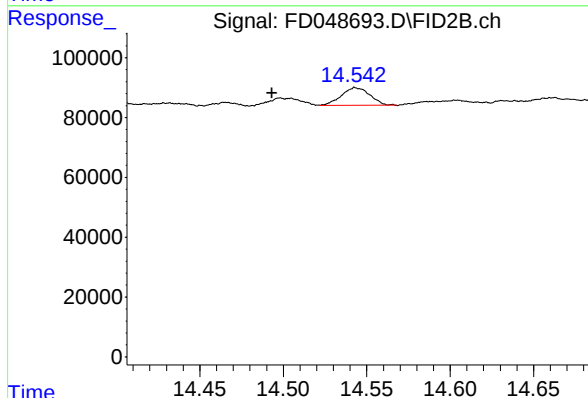
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 565477
Conc: 3.51 ug/ml

Instrument :
FID_D
ClientSampleId :



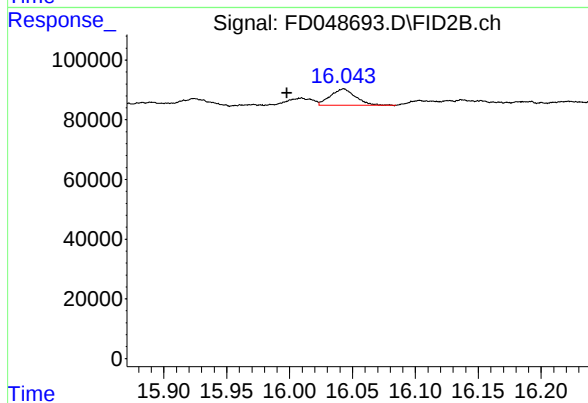
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.385 min
Delta R.T.: -0.069 min
Response: 209099
Conc: 1.43 ug/ml



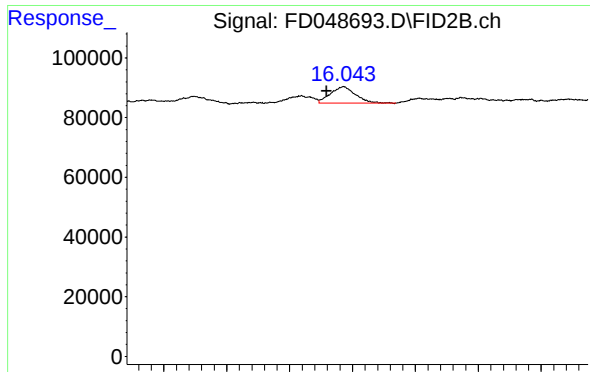
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: 0.051 min
Response: 71067
Conc: 0.43 ug/ml



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

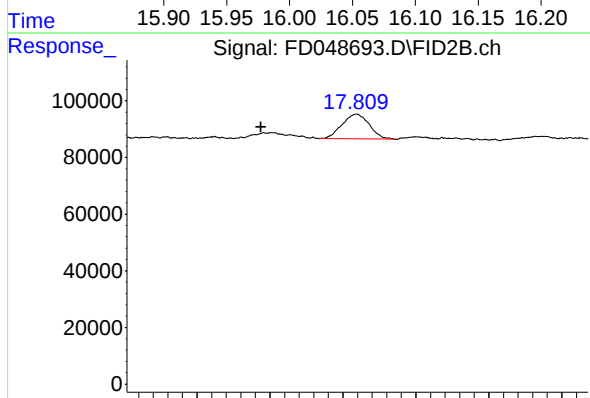
R.T.: 16.043 min
Delta R.T.: 0.045 min
Response: 75789
Conc: 0.50 ug/ml



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

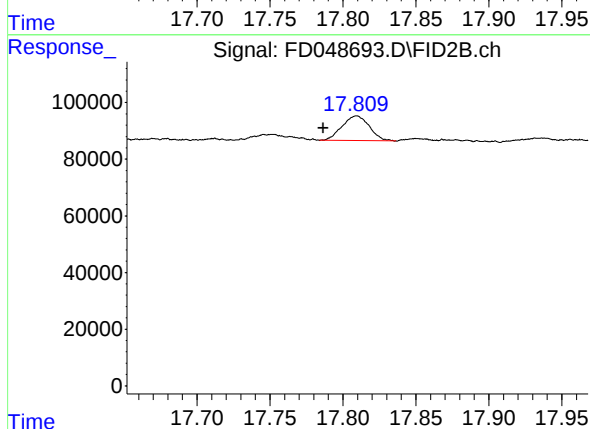
R.T.: 16.043 min
Delta R.T.: 0.013 min
Response: 75789
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.809 min
Delta R.T.: 0.065 min
Response: 111884
Conc: 0.86 ug/ml



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

R.T.: 17.809 min
Delta R.T.: 0.023 min
Response: 111884
Conc: 0.69 ug/ml