

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048703.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 18:23
 Operator : YP/AJ
 Sample : P4792-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:47:31 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...	7.376	6854576	45.162 ug/ml
Spiked Amount 50.000		Recovery =	90.32%
6) S 2-Fluorobiphenyl (SURR)	8.230	4755803	48.434 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.87%
11) S ortho-Terphenyl (SURR)	11.279	22615799	132.769 ug/ml
Spiked Amount 50.000		Recovery =	265.54%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.769	252838	1.414 ug/ml
5) T Acenaphthylene (C15.06)	8.020	918374	5.230 ug/ml
7) T Acenaphthene (C15.5)	8.319	854557	4.818 ug/ml
8) T Flouorene (C16.55)	9.126	5604634	33.156 ug/ml
9) T Phenanthrene (C19.36)	10.506	14297000	86.488 ug/ml
10) T Anthracene (C19.43)	10.576	5966512	37.312 ug/ml
12) T Fluoranthene (C21.85)	12.308	3626703	22.037 ug/ml
13) T Pyrene (C20.8)	12.592	8857682	54.990 ug/ml
14) T Benzo[a]anthracene (C...	14.463	5833143	39.894 ug/ml
15) T Chrysene (C27.41)	14.514	9661496	58.735 ug/ml
16) T benzo[b]fluoranthene ...	15.980	3145232	20.688 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	4651499	30.947 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	1034389	6.873 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	439440	3.368 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	80153	0.493 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	189235	1.236 ug/ml

(f)=RT Delta > 1/2 Window

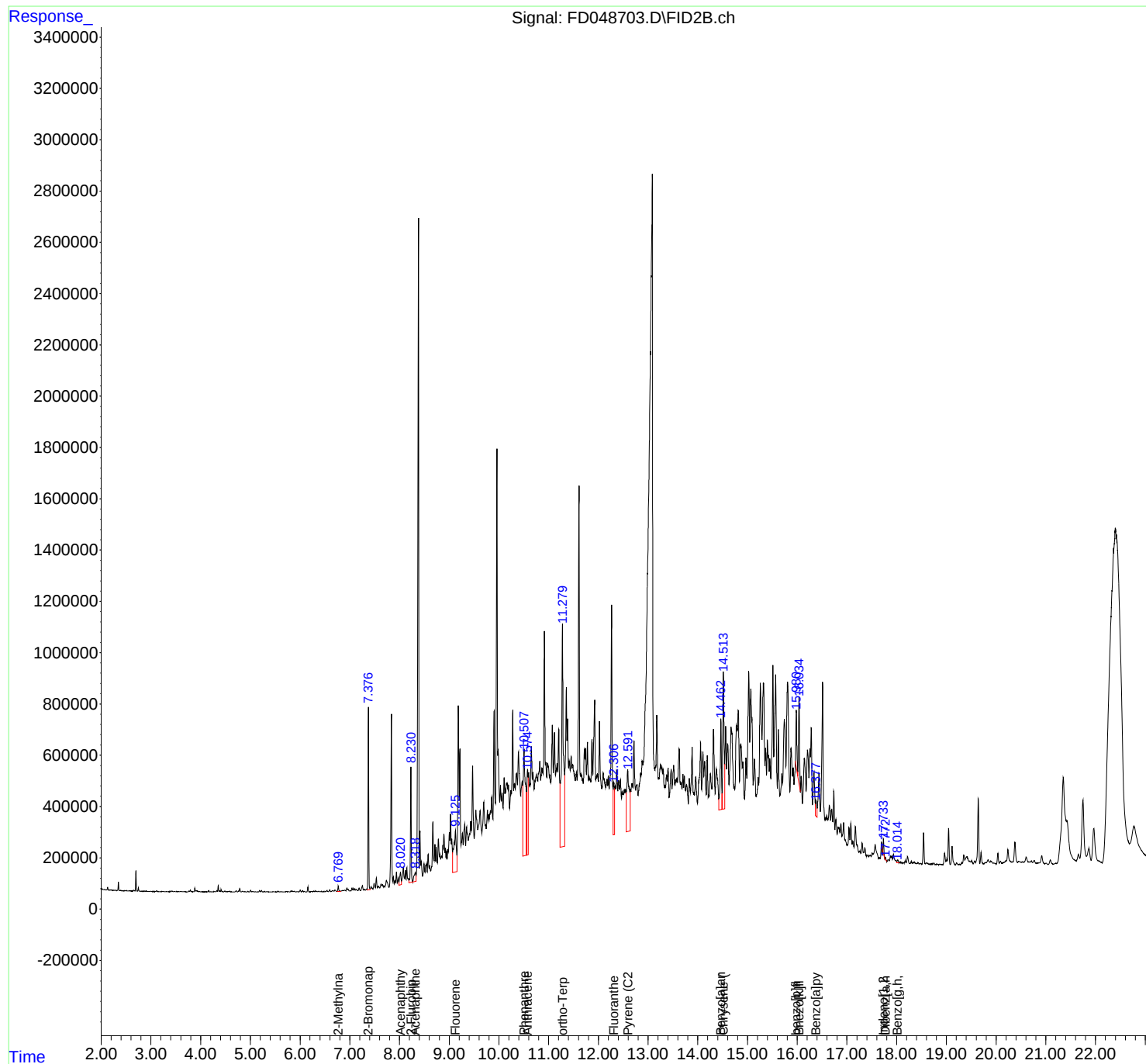
(m)=manual int.

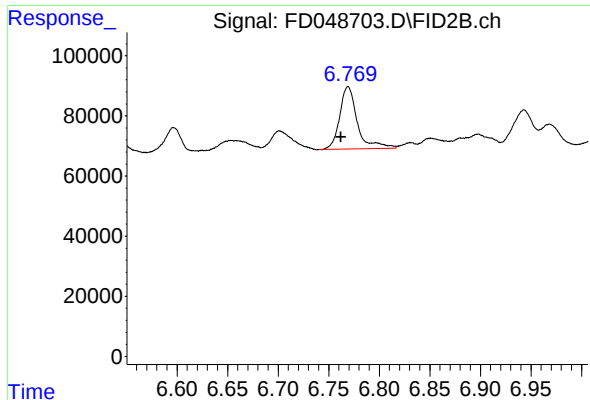
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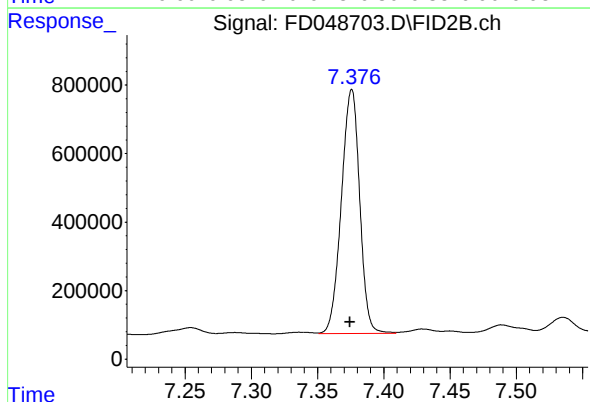




#3 2-Methylnaphthalene (C12.89)

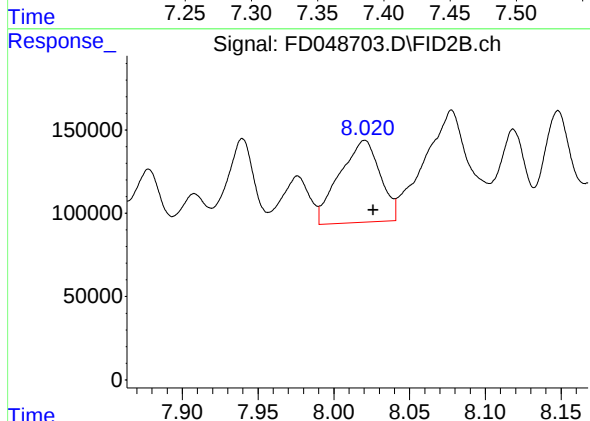
R.T.: 6.769 min
Delta R.T.: 0.007 min
Response: 252838
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



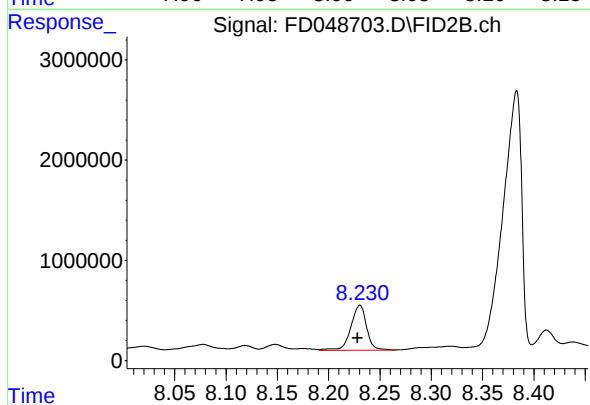
#4 2-Bromonaphthalene (SURR)

R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 6854576
Conc: 45.16 ug/ml



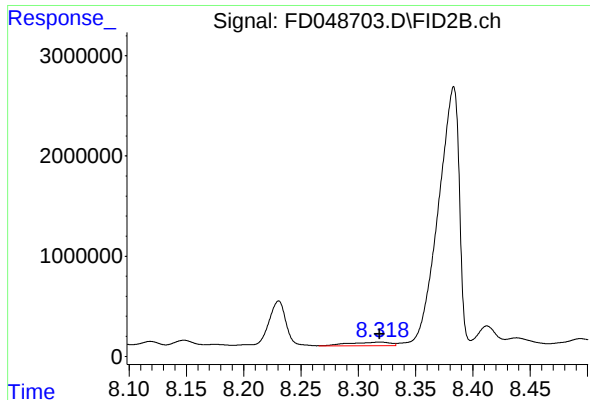
#5 Acenaphthylene (C15.06)

R.T.: 8.020 min
Delta R.T.: -0.006 min
Response: 918374
Conc: 5.23 ug/ml



#6 2-Fluorobiphenyl (SURR)

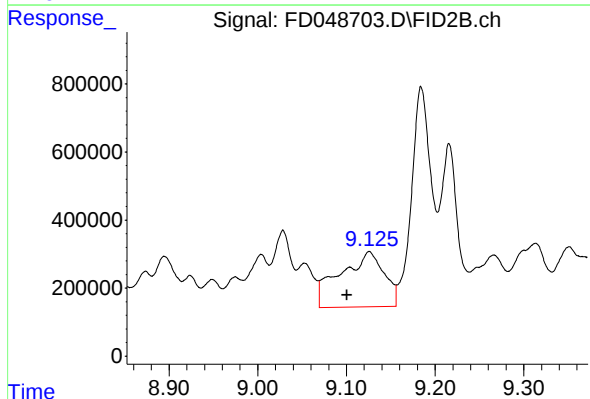
R.T.: 8.230 min
Delta R.T.: 0.002 min
Response: 4755803
Conc: 48.43 ug/ml



#7 Acenaphthene (C15.5)

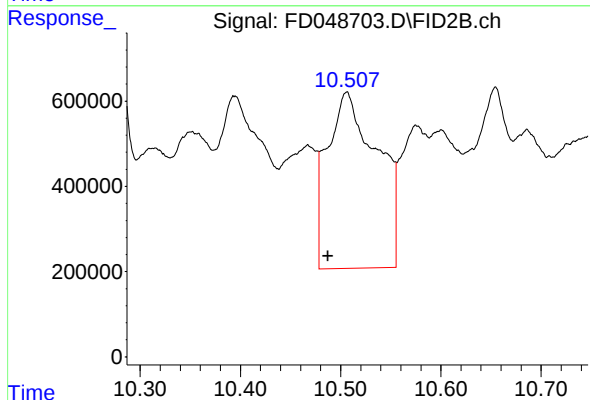
R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 854557
Conc: 4.82 ug/ml

Instrument :
FID_D
ClientSampleId :



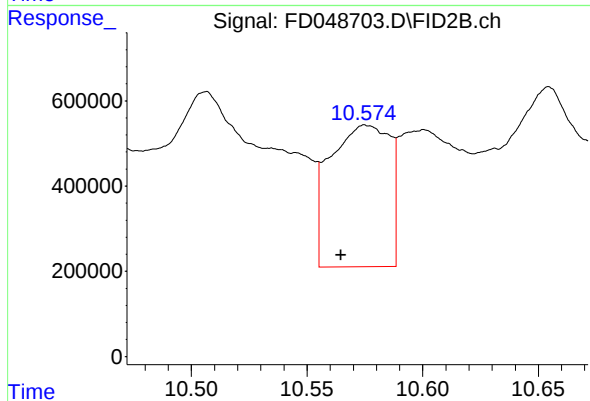
#8 Fluorene (C16.55)

R.T.: 9.126 min
Delta R.T.: 0.025 min
Response: 5604634
Conc: 33.16 ug/ml



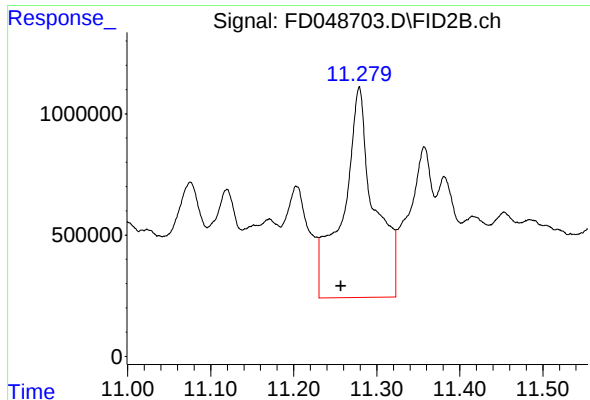
#9 Phenanthrene (C19.36)

R.T.: 10.506 min
Delta R.T.: 0.019 min
Response: 14297000
Conc: 86.49 ug/ml



#10 Anthracene (C19.43)

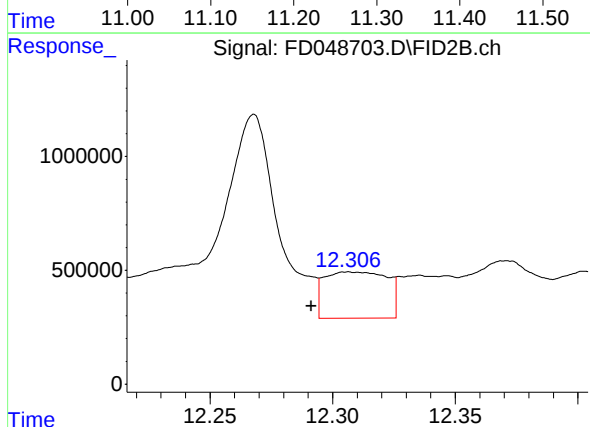
R.T.: 10.576 min
Delta R.T.: 0.011 min
Response: 5966512
Conc: 37.31 ug/ml



#11 ortho-Terphenyl (SURR)

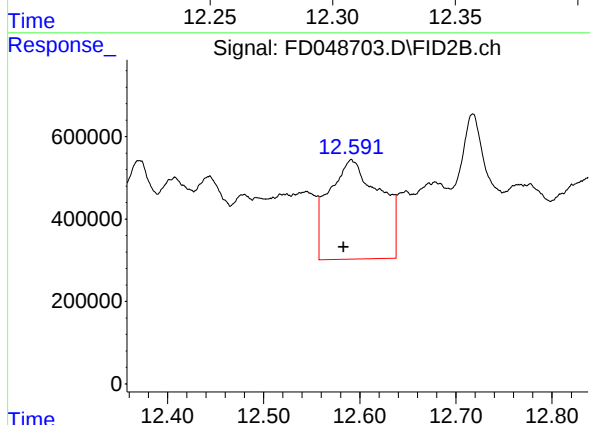
R.T.: 11.279 min
Delta R.T.: 0.022 min
Response: 22615799
Conc: 132.77 ug/ml

Instrument :
FID_D
ClientSampleId :



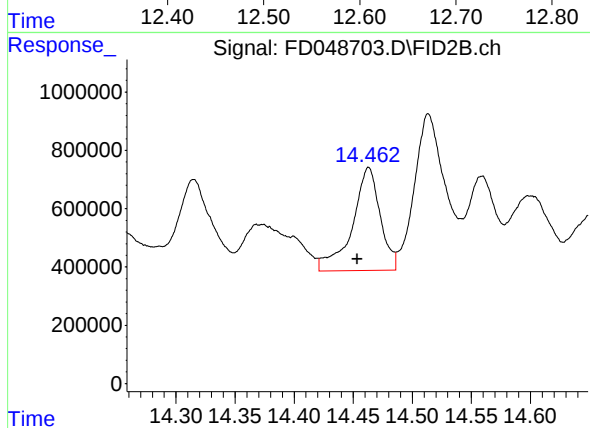
#12 Fluoranthene (C21.85)

R.T.: 12.308 min
Delta R.T.: 0.017 min
Response: 3626703
Conc: 22.04 ug/ml



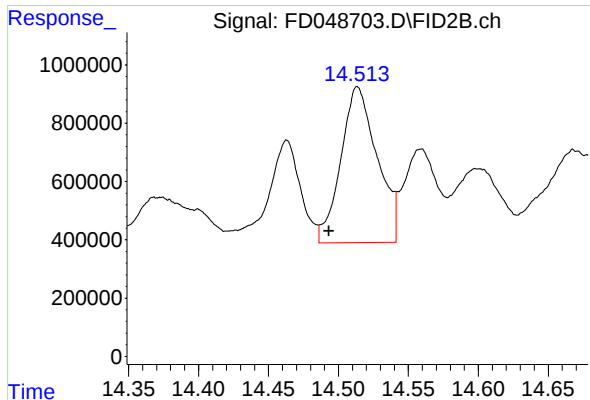
#13 Pyrene (C20.8)

R.T.: 12.592 min
Delta R.T.: 0.008 min
Response: 8857682
Conc: 54.99 ug/ml



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

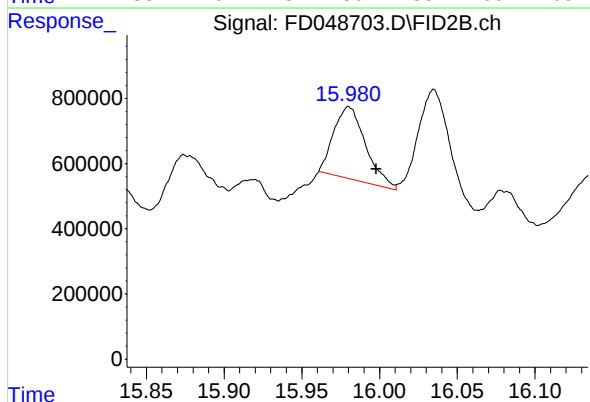
R.T.: 14.463 min
Delta R.T.: 0.010 min
Response: 5833143
Conc: 39.89 ug/ml



#15 Chrysene (C27.41)

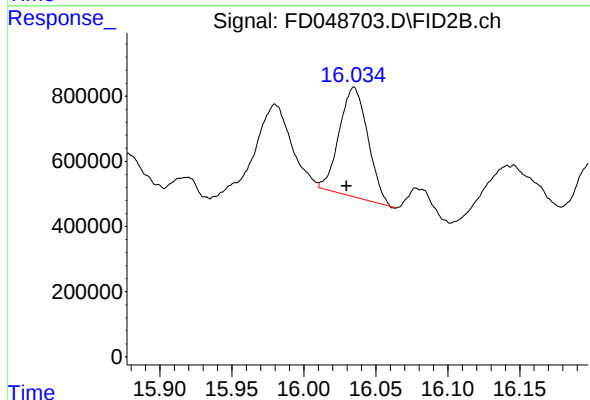
R.T.: 14.514 min
Delta R.T.: 0.021 min
Response: 9661496
Conc: 58.74 ug/ml

Instrument :
FID_D
ClientSampleId :



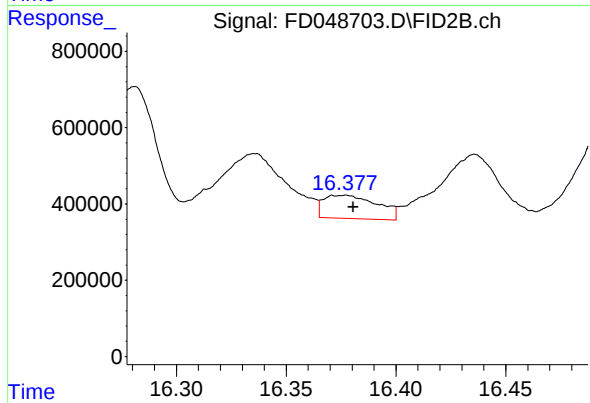
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.980 min
Delta R.T.: -0.018 min
Response: 3145232
Conc: 20.69 ug/ml



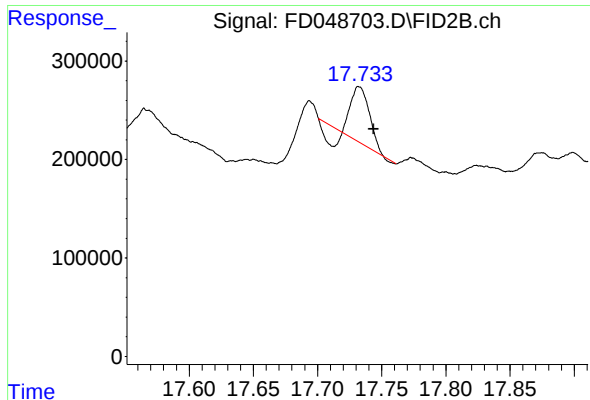
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min
Delta R.T.: 0.005 min
Response: 4651499
Conc: 30.95 ug/ml



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

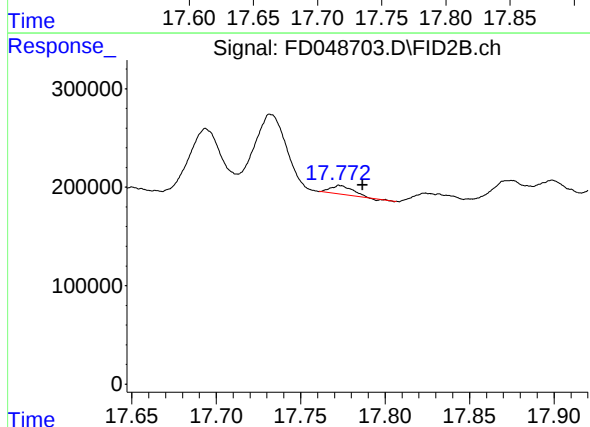
R.T.: 16.376 min
Delta R.T.: -0.005 min
Response: 1034389
Conc: 6.87 ug/ml



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

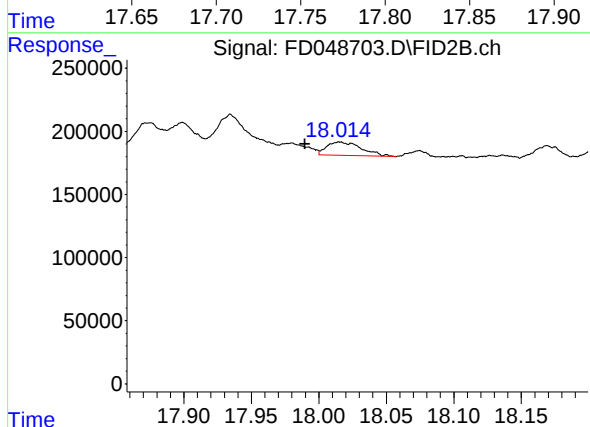
R.T.: 17.733 min
Delta R.T.: -0.011 min
Response: 439440
Conc: 3.37 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.773 min
Delta R.T.: -0.013 min
Response: 80153
Conc: 0.49 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.026 min
Response: 189235
Conc: 1.24 ug/ml