

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048049.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 19:51
 Operator : YP/AJ
 Sample : P3246-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 18 03:37:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.410	8315784	55.951 ug/ml
Spiked Amount 50.000		Recovery =	111.90%
6) S 2-Fluorobiphenyl (SURR)	8.261	5367168	56.711 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.42%
11) S ortho-Terphenyl (SURR)	11.299	5603655	33.491 ug/ml
Spiked Amount 50.000		Recovery =	66.98%
Target Compounds			
2) T Naphthalene (C11.7)	5.761	28004	0.162 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	53238	0.307 ug/ml
5) T Acenaphthylene (C15.06)	8.070	27426	0.160 ug/ml
7) T Acenaphthene (C15.5)	8.320	43042	0.248 ug/ml
8) T Fluorene (C16.55)	9.152	47911	0.295 ug/ml
9) T Phenanthrene (C19.36)	10.534	62928	0.396 ug/ml
12) T Fluoranthene (C21.85)	12.334	144017	0.910 ug/ml
13) T Pyrene (C20.8)	12.627	124539	0.788 ug/ml
14) T Benzo[a]anthracene (C...	14.505	95613	0.700 ug/ml
15) T Chrysene (C27.41)	14.544	111202	0.690 ug/ml
16) T benzo[b]fluoranthene ...	16.055	55784	0.388 ug/ml
17) T Bnezo[k]fluoranthene ...	16.085	26834	0.180 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.443	38800	0.274 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.783	491193	4.355 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	94256	0.649 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	35563	0.241 ug/ml

(f)=RT Delta > 1/2 Window

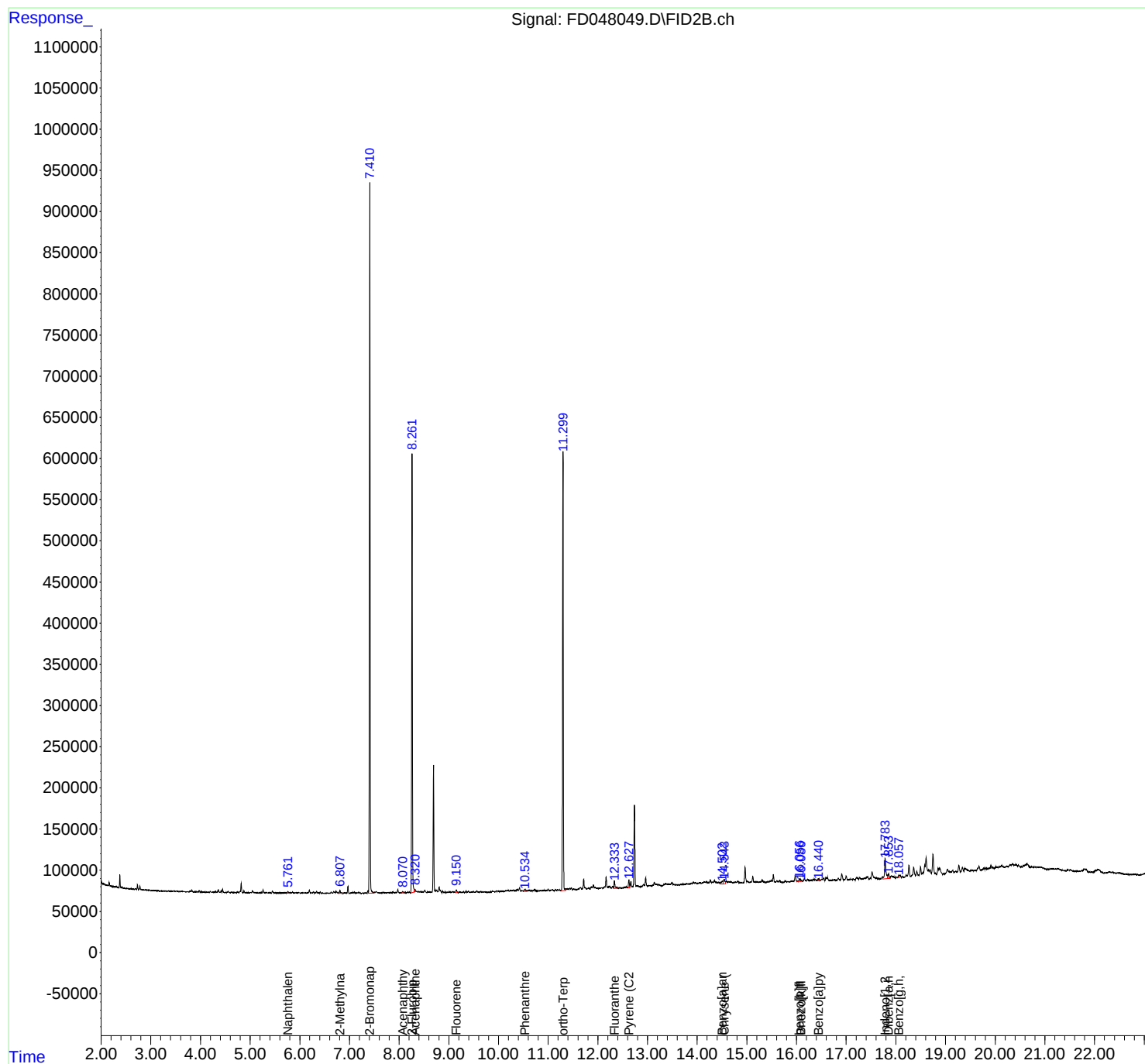
(m)=manual int.

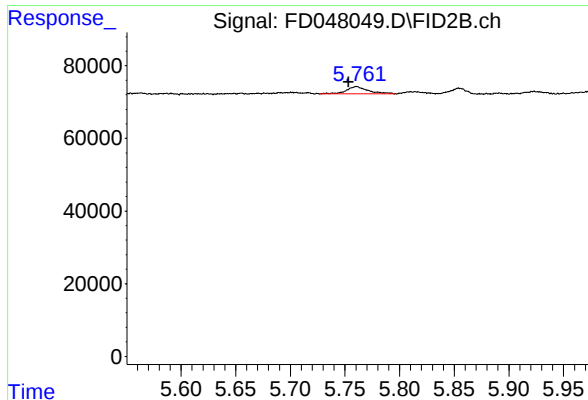
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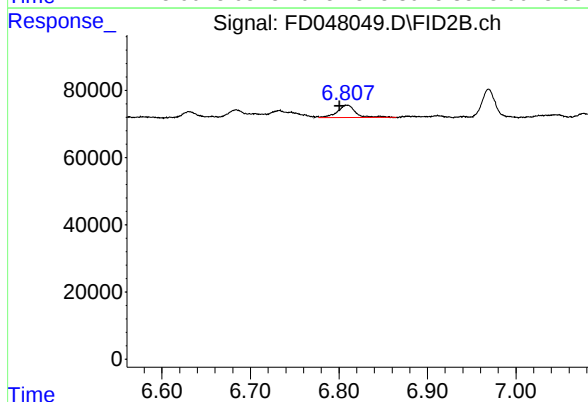




#2 Naphthalene (C11.7)

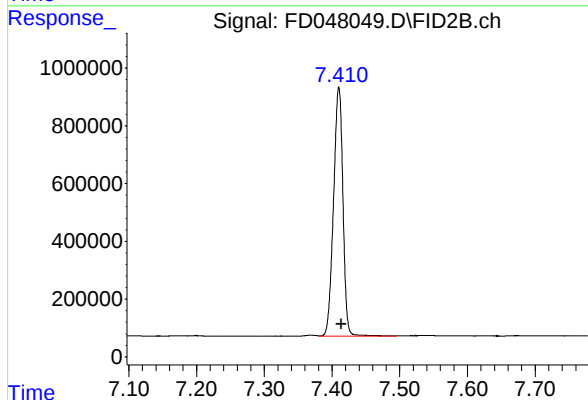
R.T.: 5.761 min
Delta R.T.: 0.007 min
Response: 28004
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



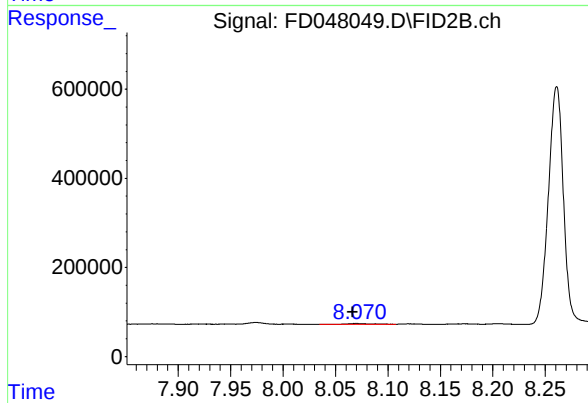
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: 0.008 min
Response: 53238
Conc: 0.31 ug/ml



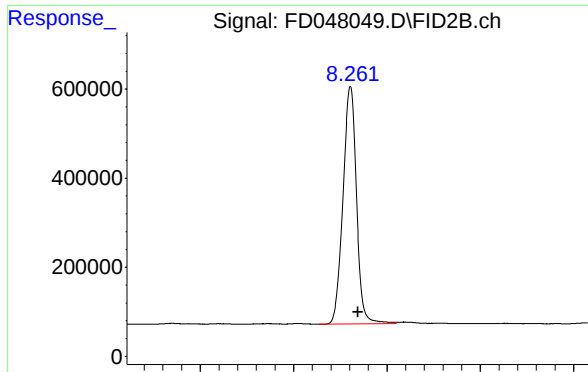
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 8315784
Conc: 55.95 ug/ml



#5 Acenaphthylene (C15.06)

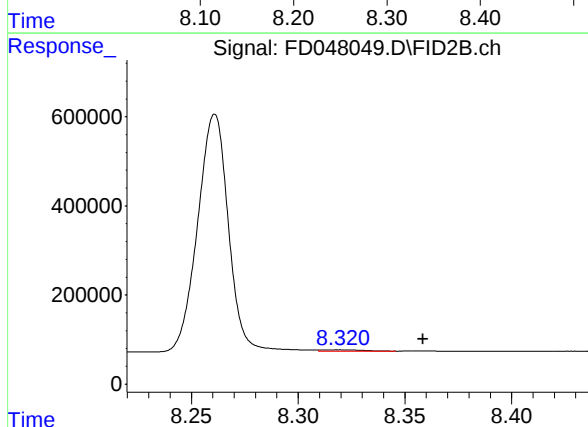
R.T.: 8.070 min
Delta R.T.: 0.004 min
Response: 27426
Conc: 0.16 ug/ml



#6 2-Fluorobiphenyl (SURR)

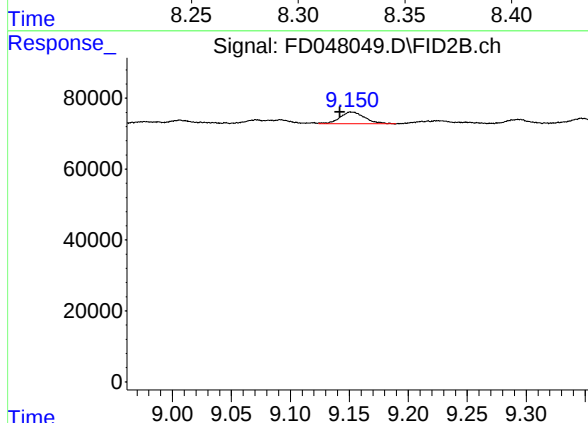
R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 5367168
Conc: 56.71 ug/ml

Instrument :
FID_D
ClientSampleId :



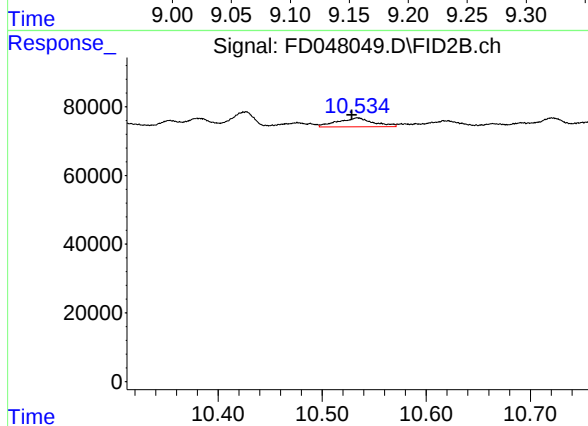
#7 Acenaphthene (C15.5)

R.T.: 8.320 min
Delta R.T.: -0.039 min
Response: 43042
Conc: 0.25 ug/ml



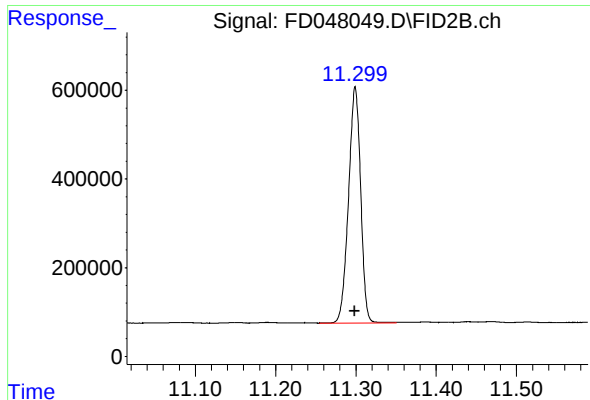
#8 Flouorene (C16.55)

R.T.: 9.152 min
Delta R.T.: 0.010 min
Response: 47911
Conc: 0.29 ug/ml



#9 Phenanthrene (C19.36)

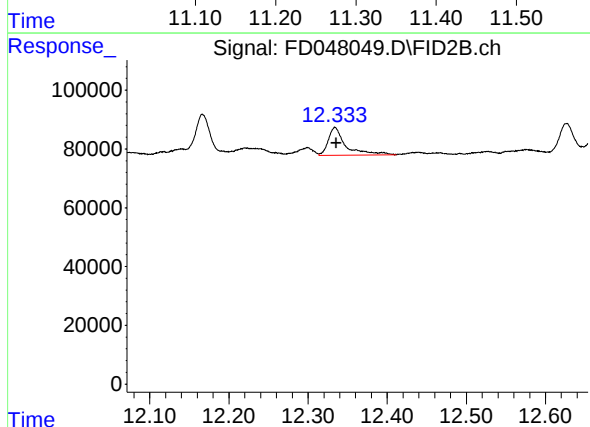
R.T.: 10.534 min
Delta R.T.: 0.005 min
Response: 62928
Conc: 0.40 ug/ml



#11 ortho-Terphenyl (SURR)

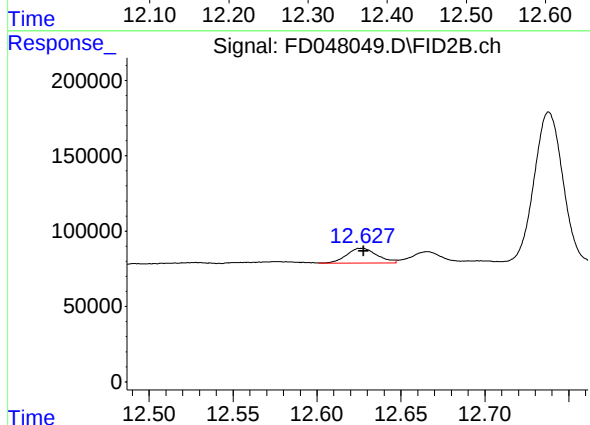
R.T.: 11.299 min
Delta R.T.: 0.000 min
Response: 5603655
Conc: 33.49 ug/ml

Instrument :
FID_D
ClientSampleId :



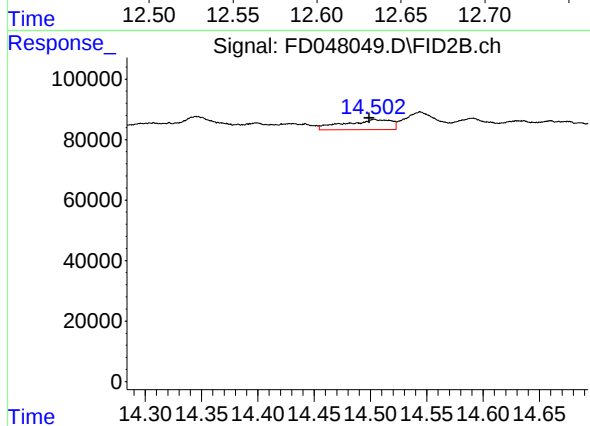
#12 Fluoranthene (C21.85)

R.T.: 12.334 min
Delta R.T.: -0.002 min
Response: 144017
Conc: 0.91 ug/ml



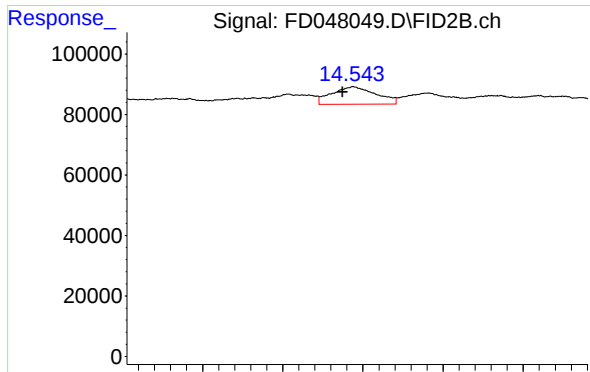
#13 Pyrene (C20.8)

R.T.: 12.627 min
Delta R.T.: -0.001 min
Response: 124539
Conc: 0.79 ug/ml



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

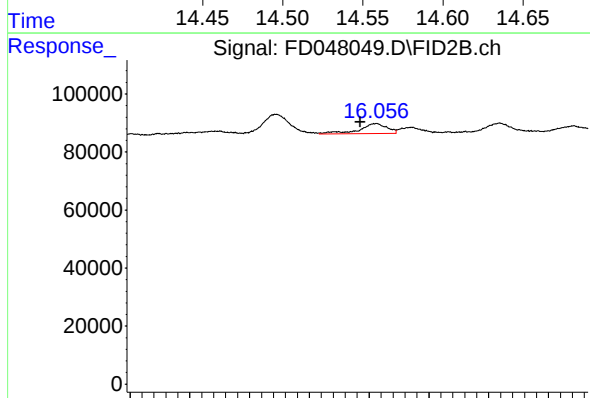
R.T.: 14.505 min
Delta R.T.: 0.006 min
Response: 95613
Conc: 0.70 ug/ml



#15 Chrysene (C27.41)

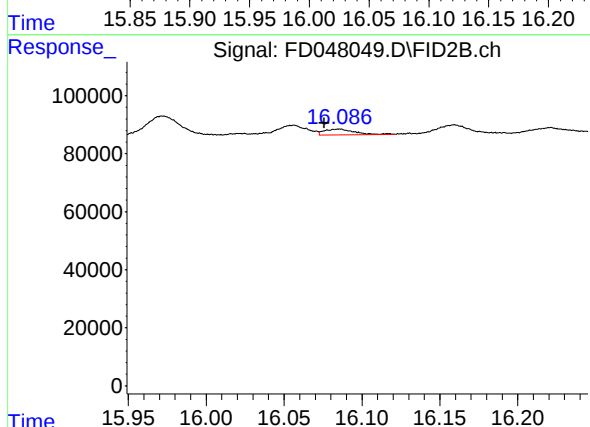
R.T.: 14.544 min
Delta R.T.: 0.007 min
Response: 111202
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



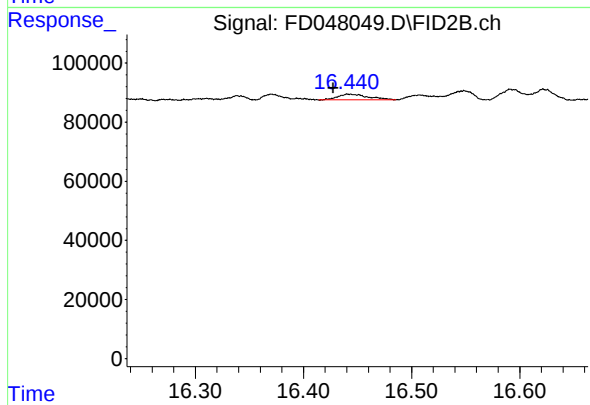
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.055 min
Delta R.T.: 0.013 min
Response: 55784
Conc: 0.39 ug/ml



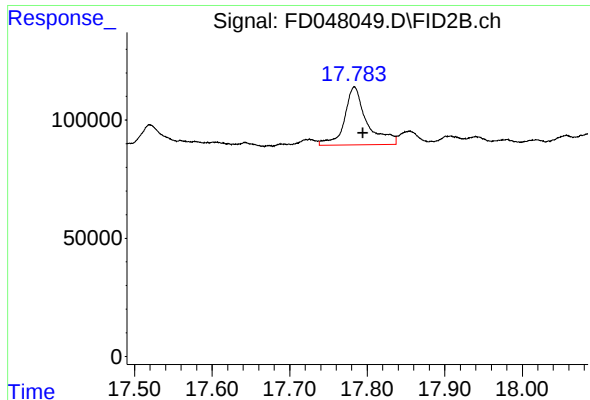
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.085 min
Delta R.T.: 0.009 min
Response: 26834
Conc: 0.18 ug/ml



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

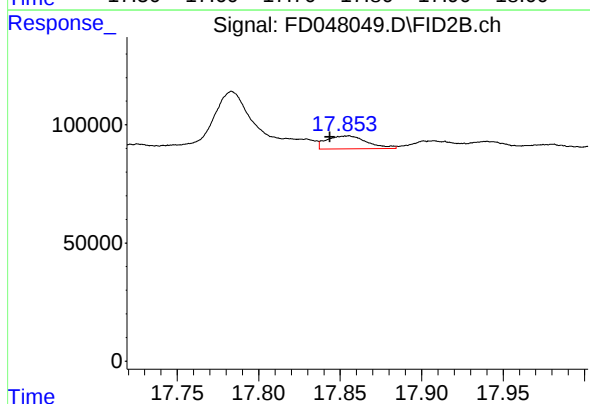
R.T.: 16.443 min
Delta R.T.: 0.015 min
Response: 38800
Conc: 0.27 ug/ml



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

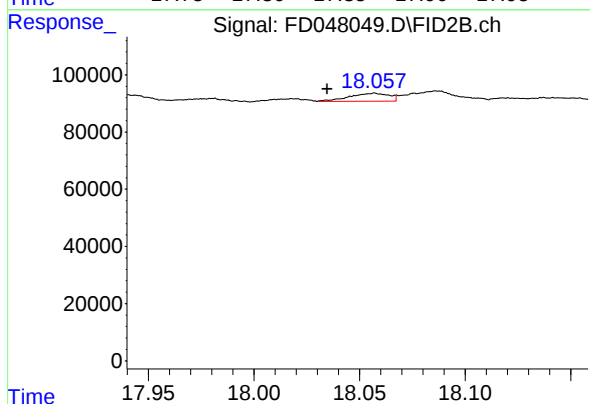
R.T.: 17.783 min
Delta R.T.: -0.011 min
Response: 491193
Conc: 4.36 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.854 min
Delta R.T.: 0.010 min
Response: 94256
Conc: 0.65 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.022 min
Response: 35563
Conc: 0.24 ug/ml