

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048042.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 14:52
 Operator : YP/AJ
 Sample : P3245-28D
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 18 03:41:43 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	8544861	57.493 ug/ml
Spiked Amount 50.000		Recovery =	114.99%
6) S 2-Fluorobiphenyl (SURR)	8.261	5498345	58.097 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.19%
11) S ortho-Terphenyl (SURR)	11.301	9467645	56.584 ug/ml
Spiked Amount 50.000		Recovery =	113.17%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.810	33648	0.194 ug/ml
7) T Acenaphthene (C15.5)	8.358	67656	0.390 ug/ml
8) T Flouorene (C16.55)	9.155	25539	0.157 ug/ml
9) T Phenanthrene (C19.36)	10.545	34478	0.217 ug/ml
10) T Anthracene (C19.43)	10.545	34478	0.218 ug/ml
12) T Fluoranthene (C21.85)	12.343	80197	0.507 ug/ml
13) T Pyrene (C20.8)	12.636	63312	0.400 ug/ml
14) T Benzo[a]anthracene (C...	14.523	8751	0.064 ug/ml
15) T Chrysene (C27.41)	14.523	8751	0.054 ug/ml
16) T benzo[b]fluoranthene ...	16.067	85061	0.591 ug/ml
17) T Bnezo[k]fluoranthene ...	16.067	85061	0.570 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	47889	0.338 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.783	331123	2.936 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	81282	0.559 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	32348	0.219 ug/ml

(f)=RT Delta > 1/2 Window

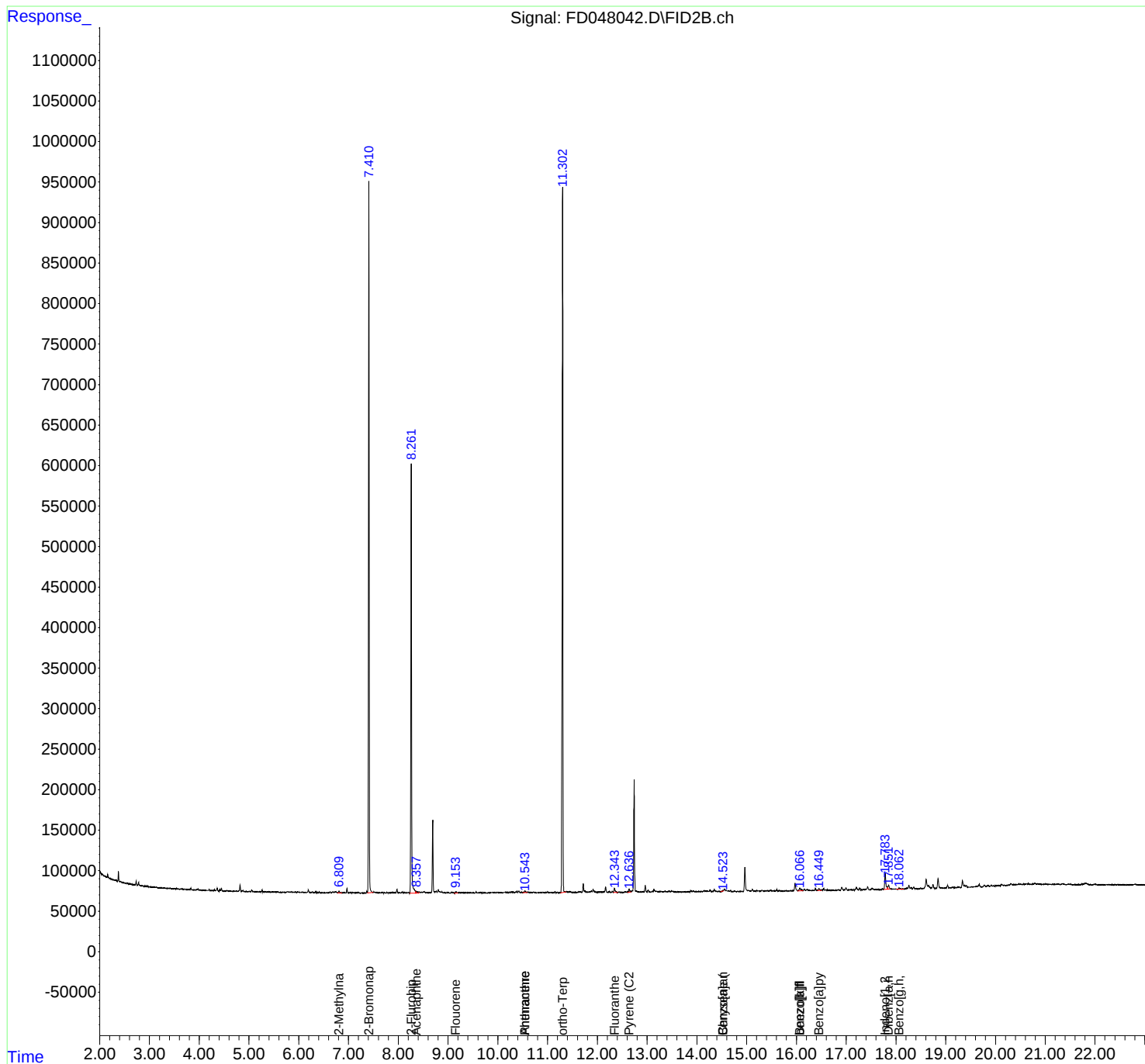
(m)=manual int.

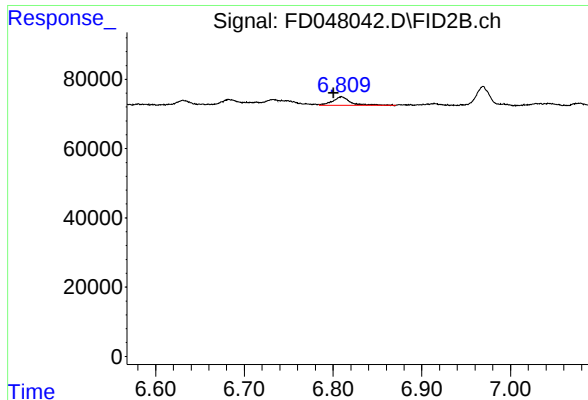
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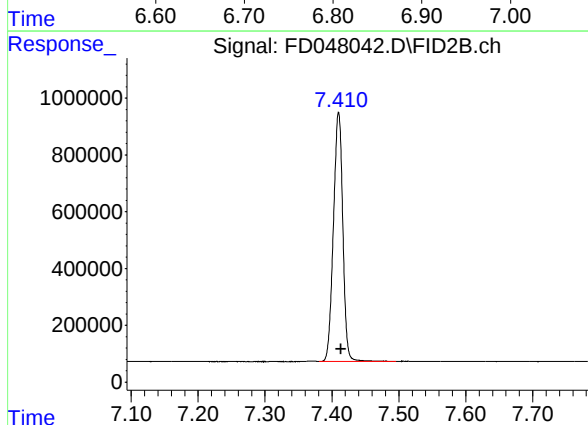




#3 2-Methylnaphthalene (C12.89)

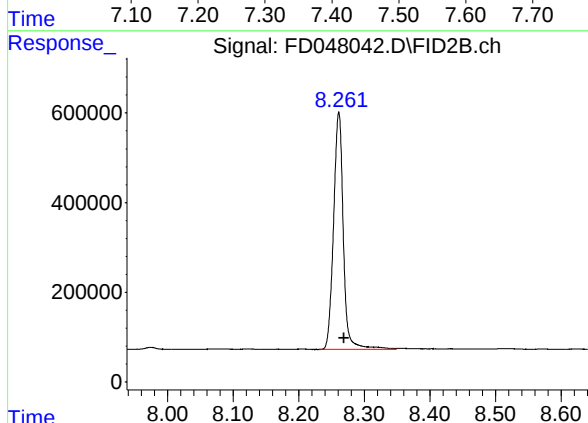
R.T.: 6.810 min
Delta R.T.: 0.009 min
Response: 33648
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



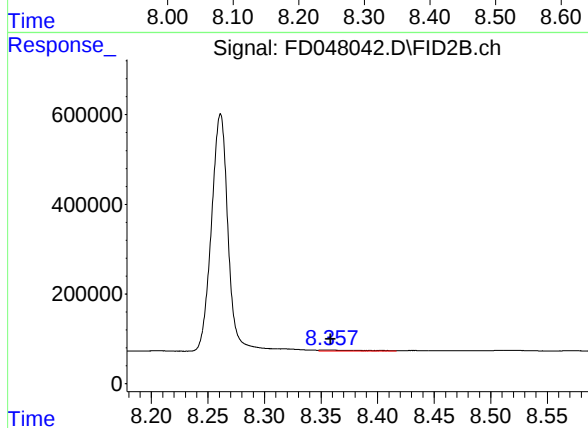
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 8544861
Conc: 57.49 ug/ml



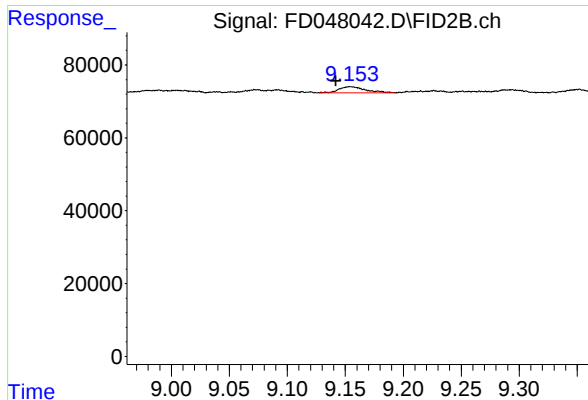
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 5498345
Conc: 58.10 ug/ml



#7 Acenaphthene (C15.5)

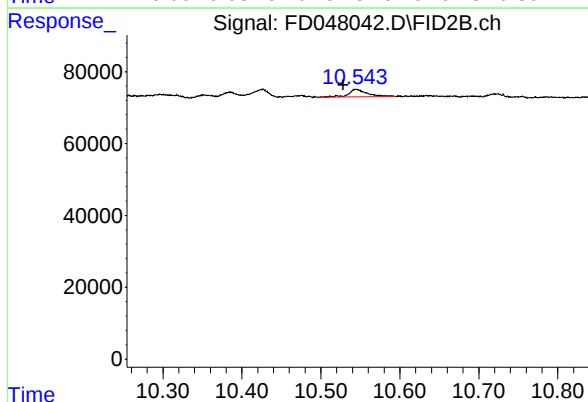
R.T.: 8.358 min
Delta R.T.: -0.001 min
Response: 67656
Conc: 0.39 ug/ml



#8 Flouorene (C16.55)

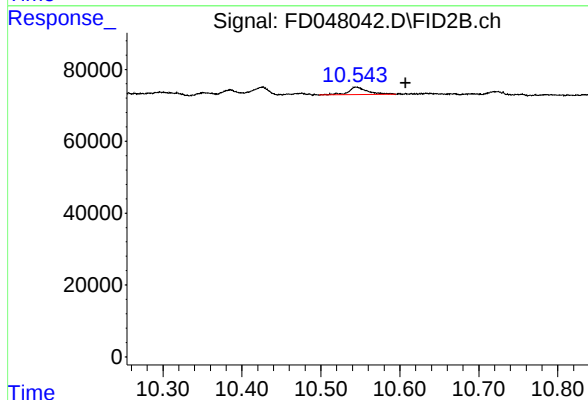
R.T.: 9.155 min
Delta R.T.: 0.013 min
Response: 25539
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



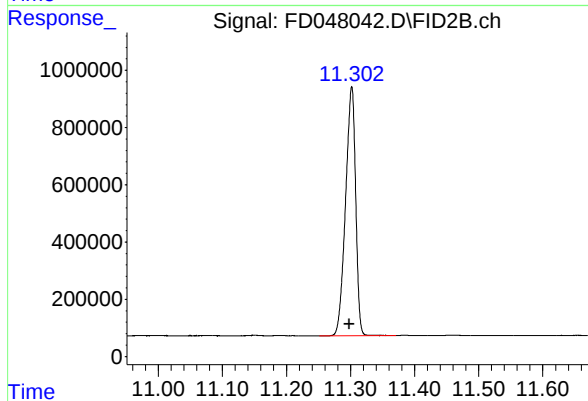
#9 Phenanthrene (C19.36)

R.T.: 10.545 min
Delta R.T.: 0.016 min
Response: 34478
Conc: 0.22 ug/ml



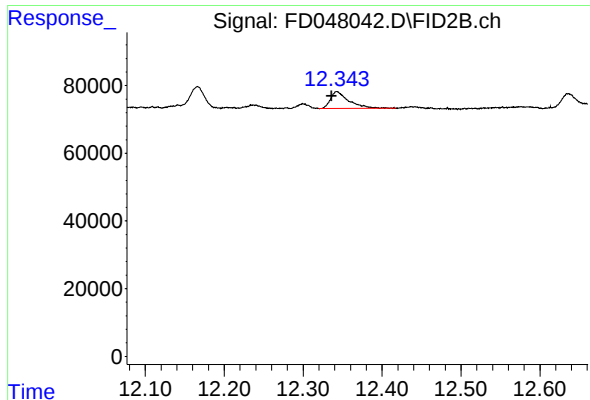
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.062 min
Response: 34478
Conc: 0.22 ug/ml



#11 ortho-Terphenyl (SURR)

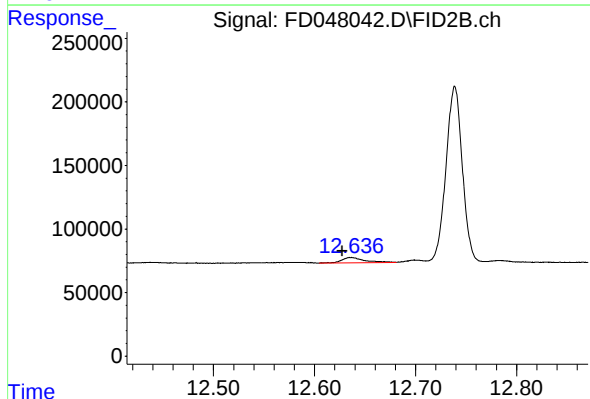
R.T.: 11.301 min
Delta R.T.: 0.003 min
Response: 9467645
Conc: 56.58 ug/ml



#12 Fluoranthene (C21.85)

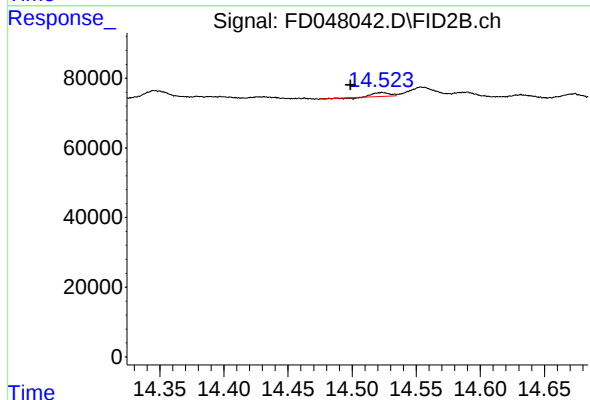
R.T.: 12.343 min
Delta R.T.: 0.007 min
Response: 80197
Conc: 0.51 ug/ml

Instrument :
FID_D
ClientSampleId :



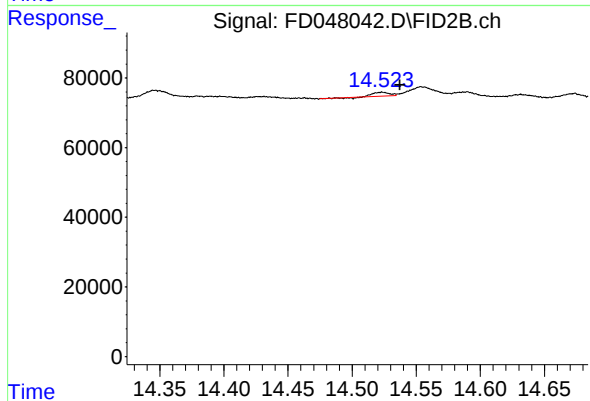
#13 Pyrene (C20.8)

R.T.: 12.636 min
Delta R.T.: 0.009 min
Response: 63312
Conc: 0.40 ug/ml



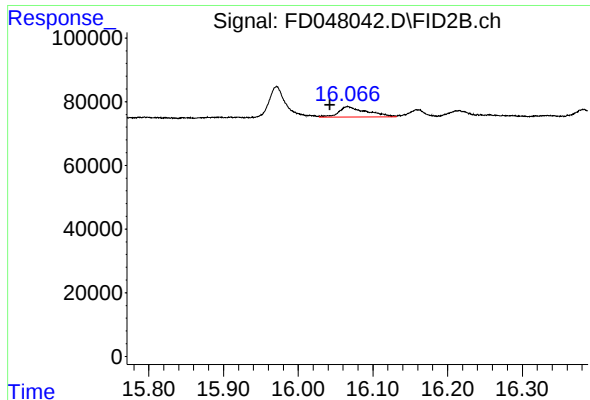
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.523 min
Delta R.T.: 0.024 min
Response: 8751
Conc: 0.06 ug/ml



#15 Chrysene (C27.41)

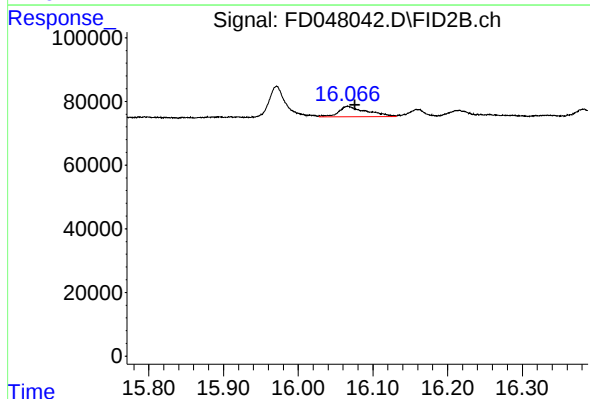
R.T.: 14.523 min
Delta R.T.: -0.014 min
Response: 8751
Conc: 0.05 ug/ml



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

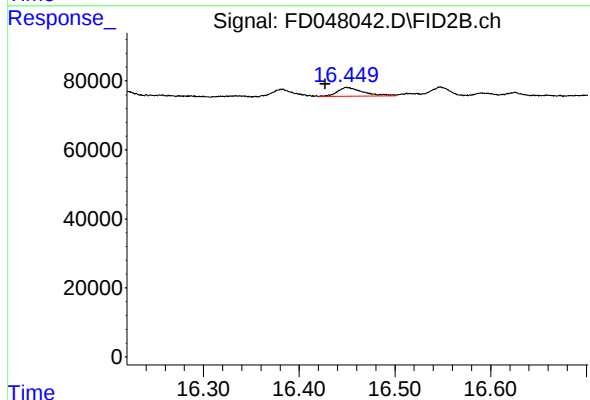
R.T.: 16.067 min
Delta R.T.: 0.024 min
Response: 85061
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



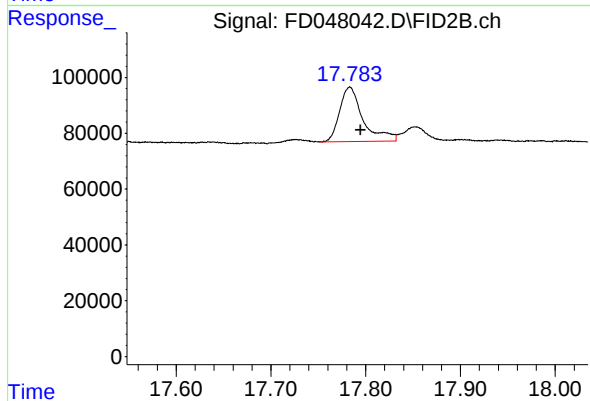
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.067 min
Delta R.T.: -0.009 min
Response: 85061
Conc: 0.57 ug/ml



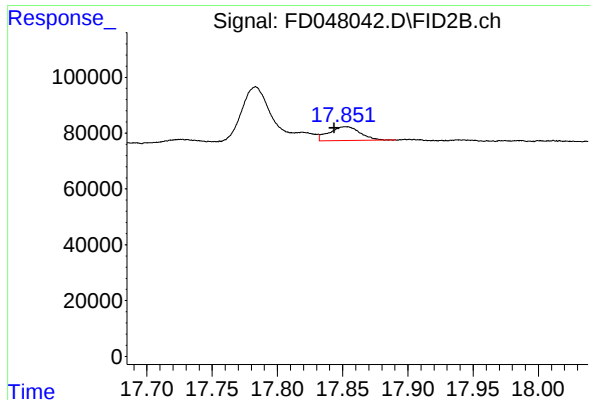
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: 0.023 min
Response: 47889
Conc: 0.34 ug/ml



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

R.T.: 17.783 min
Delta R.T.: -0.011 min
Response: 331123
Conc: 2.94 ug/ml



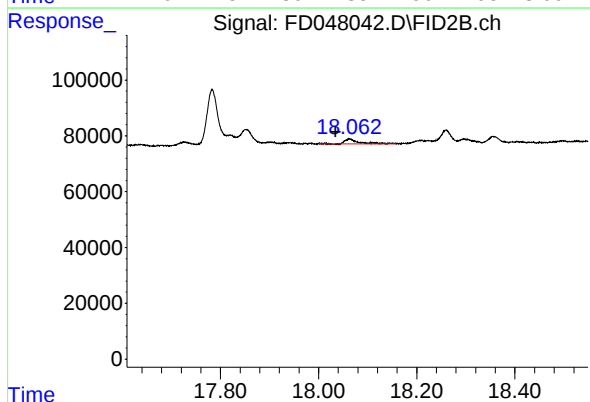
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.853 min
Delta R.T.: 0.009 min
Response: 81282
Conc: 0.56 ug/ml

Instrument :

FID_D

ClientSampleId :



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

R.T.: 18.063 min
Delta R.T.: 0.028 min
Response: 32348
Conc: 0.22 ug/ml