

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048051.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 21:13
 Operator : YP/AJ
 Sample : P3246-14
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 18 03:37:48 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...	7.409	7699514	51.805 ug/ml
Spiked Amount 50.000		Recovery =	103.61%
6) S 2-Fluorobiphenyl (SURR)	8.260	4986534	52.689 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.38%
11) S ortho-Terphenyl (SURR)	11.299	6467512	38.654 ug/ml
Spiked Amount 50.000		Recovery =	77.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	22996	0.137 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	55492	0.320 ug/ml
7) T Acenaphthene (C15.5)	8.358	84334	0.486 ug/ml
8) T Flouorene (C16.55)	9.153	54592	0.336 ug/ml
9) T Phenanthrene (C19.36)	10.530	171153	1.078 ug/ml
10) T Anthracene (C19.43)	10.615	45878	0.291 ug/ml
12) T Fluoranthene (C21.85)	12.331	313121	1.978 ug/ml
13) T Pyrene (C20.8)	12.625	264430	1.672 ug/ml
14) T Benzo[a]anthracene (C...	14.497	145730	1.067 ug/ml
15) T Chrysene (C27.41)	14.536	214480	1.330 ug/ml
16) T benzo[b]fluoranthene ...	16.043	229506	1.595 ug/ml
17) T Bnezo[k]fluoranthene ...	16.075	91279	0.611 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.421	22491	0.159 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.785	473561	4.199 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	170095	1.170 ug/ml
21) T Benzo[g,h,i]perylene ...	18.035	137491	0.933 ug/ml

(f)=RT Delta > 1/2 Window

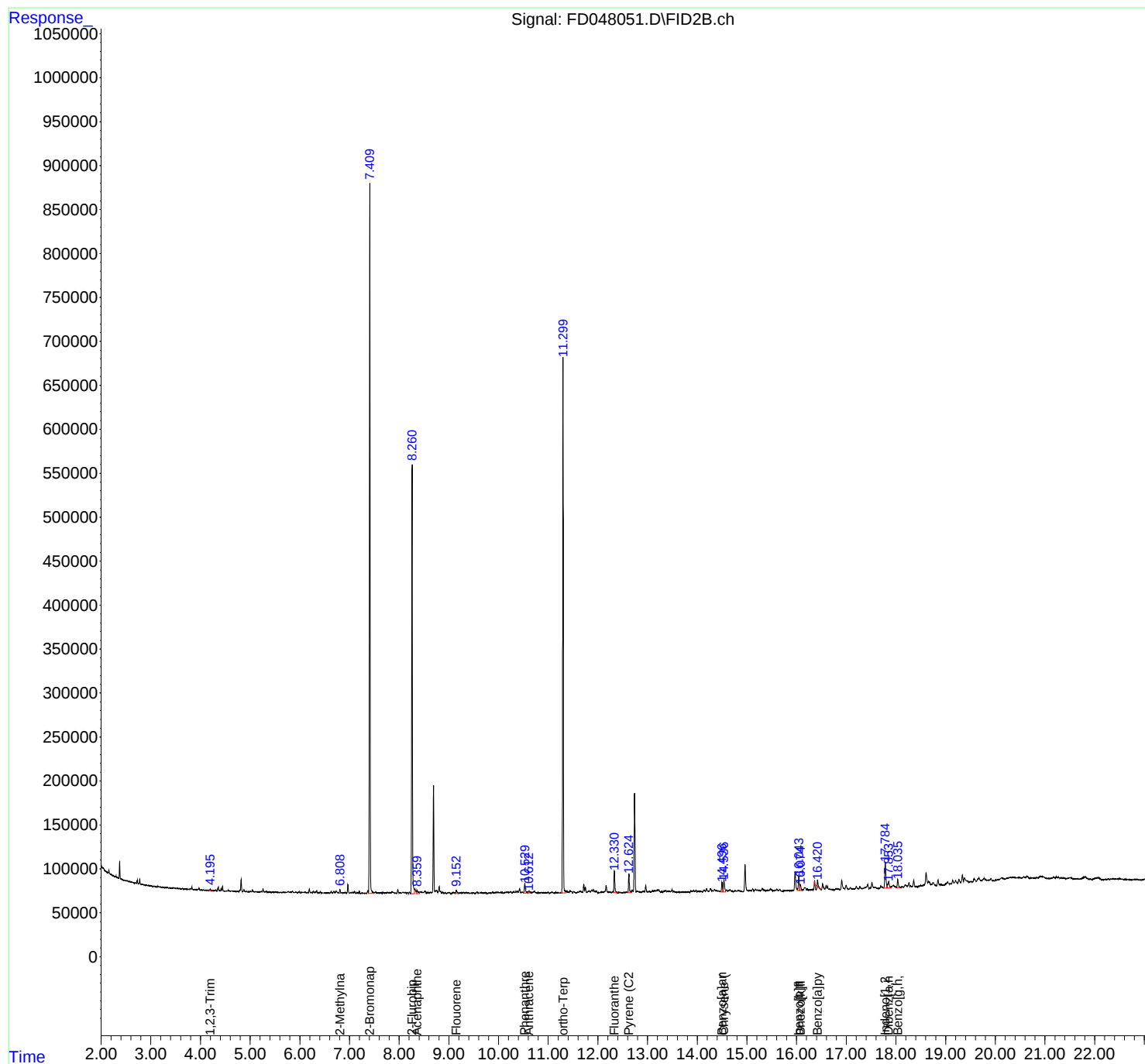
(m)=manual int.

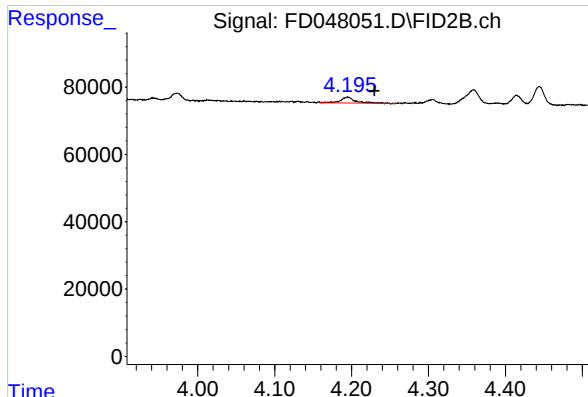
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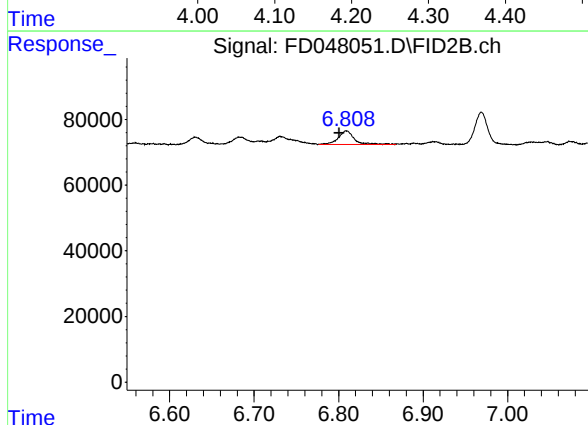




#1 1,2,3-Trimethylbenzene (C10.1)

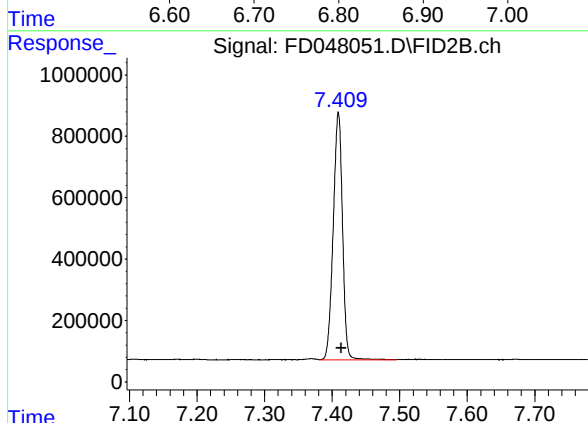
R.T.: 4.195 min
Delta R.T.: -0.035 min
Response: 22996
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



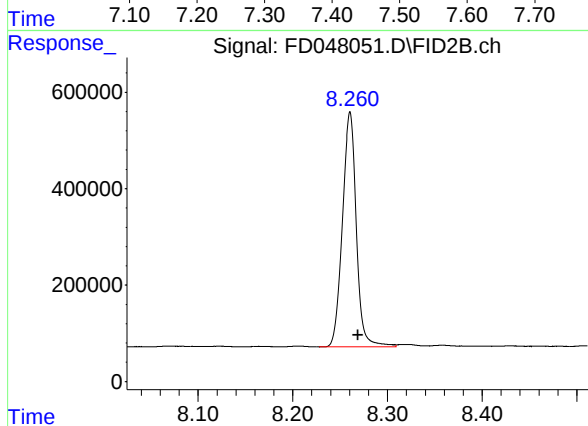
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: 0.008 min
Response: 55492
Conc: 0.32 ug/ml



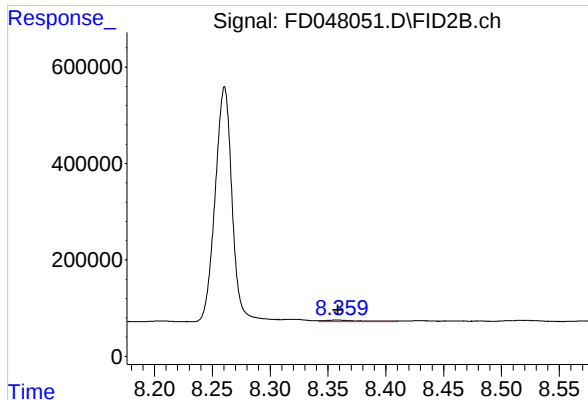
#4 2-Bromonaphthalene (SURR)

R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 7699514
Conc: 51.80 ug/ml



#6 2-Fluorobiphenyl (SURR)

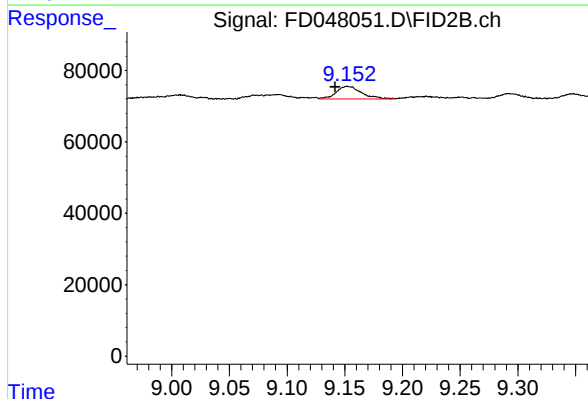
R.T.: 8.260 min
Delta R.T.: -0.009 min
Response: 4986534
Conc: 52.69 ug/ml



#7 Acenaphthene (C15.5)

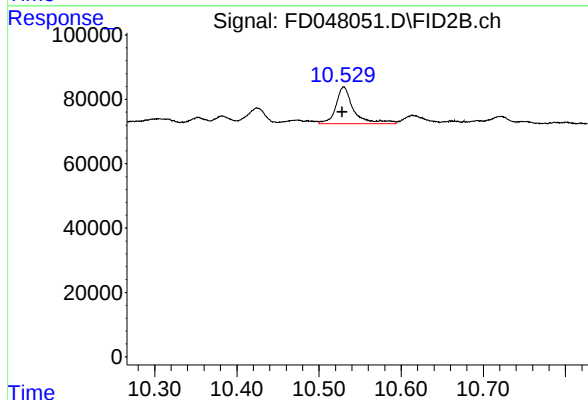
R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 84334
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



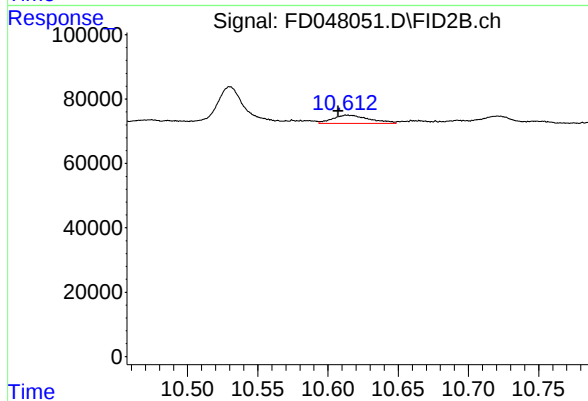
#8 Flouorene (C16.55)

R.T.: 9.153 min
Delta R.T.: 0.011 min
Response: 54592
Conc: 0.34 ug/ml



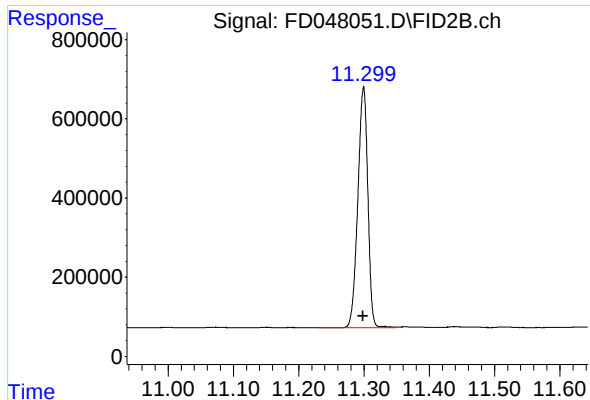
#9 Phenanthrene (C19.36)

R.T.: 10.530 min
Delta R.T.: 0.002 min
Response: 171153
Conc: 1.08 ug/ml



#10 Anthracene (C19.43)

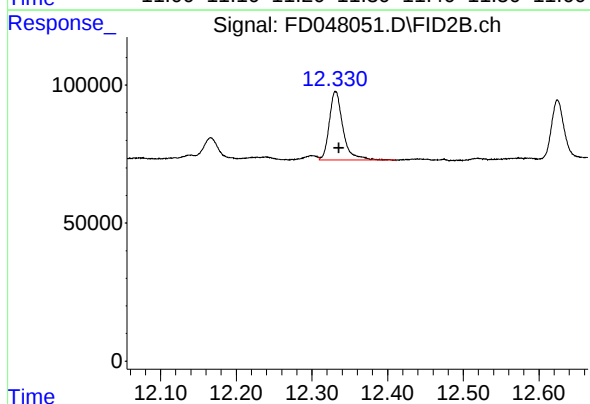
R.T.: 10.615 min
Delta R.T.: 0.007 min
Response: 45878
Conc: 0.29 ug/ml



#11 ortho-Terphenyl (SURR)

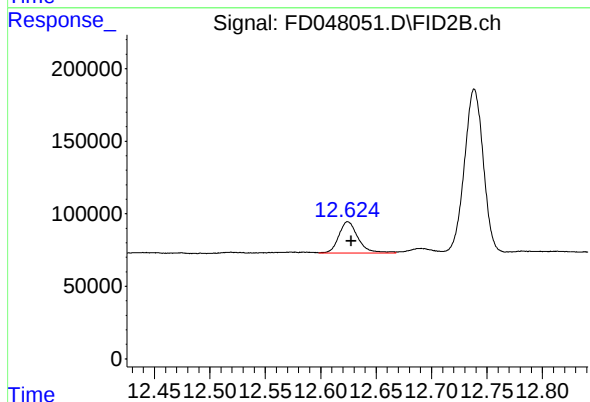
R.T.: 11.299 min
Delta R.T.: 0.000 min
Response: 6467512
Conc: 38.65 ug/ml

Instrument :
FID_D
ClientSampleId :



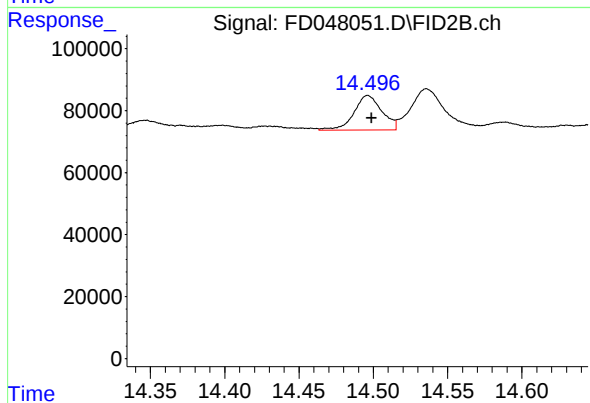
#12 Fluoranthene (C21.85)

R.T.: 12.331 min
Delta R.T.: -0.004 min
Response: 313121
Conc: 1.98 ug/ml



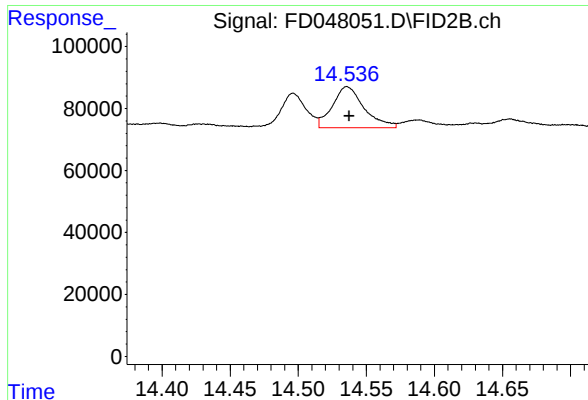
#13 Pyrene (C20.8)

R.T.: 12.625 min
Delta R.T.: -0.003 min
Response: 264430
Conc: 1.67 ug/ml



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

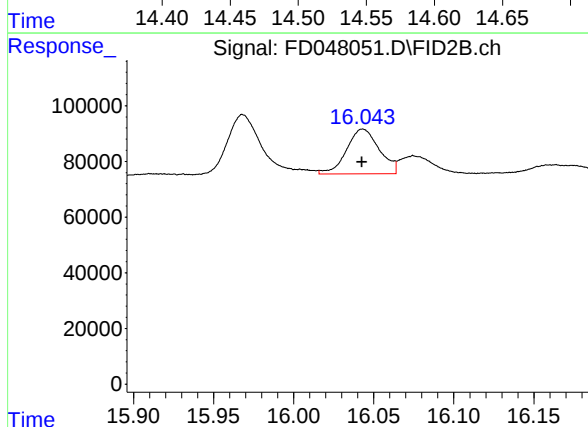
R.T.: 14.497 min
Delta R.T.: -0.002 min
Response: 145730
Conc: 1.07 ug/ml



#15 Chrysene (C27.41)

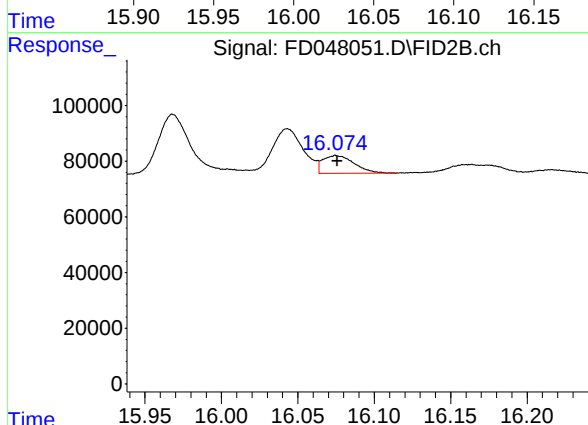
R.T.: 14.536 min
Delta R.T.: -0.001 min
Response: 214480
Conc: 1.33 ug/ml

Instrument :
FID_D
ClientSampleId :



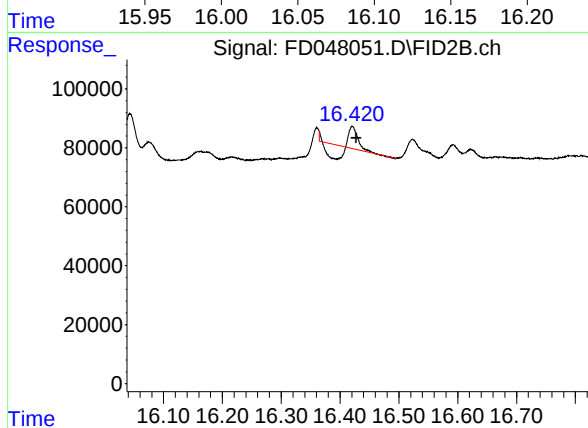
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.043 min
Delta R.T.: 0.000 min
Response: 229506
Conc: 1.59 ug/ml



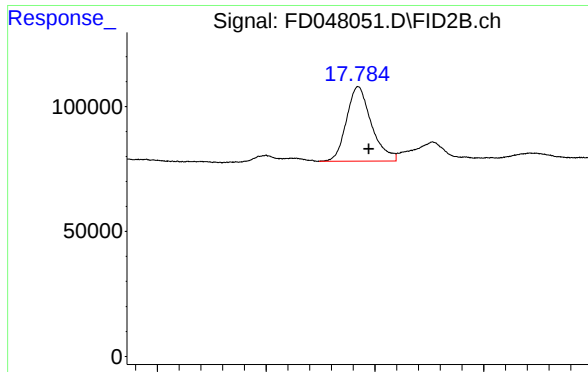
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.075 min
Delta R.T.: 0.000 min
Response: 91279
Conc: 0.61 ug/ml



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

R.T.: 16.421 min
Delta R.T.: -0.006 min
Response: 22491
Conc: 0.16 ug/ml



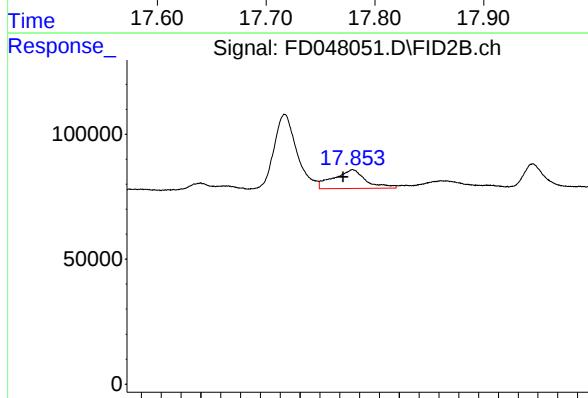
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.785 min
Delta R.T.: -0.010 min
Response: 473561
Conc: 4.20 ug/ml

Instrument :

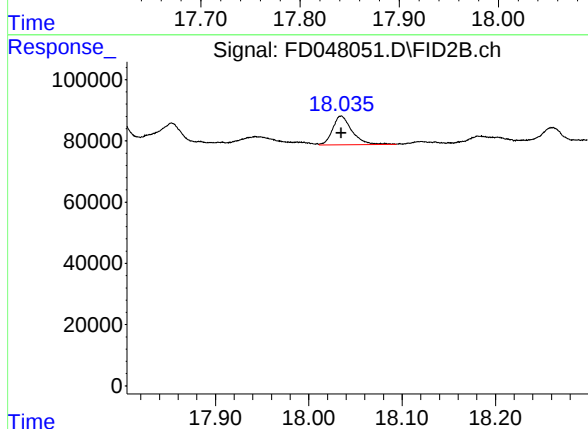
FID_D

ClientSampleId :



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

R.T.: 17.853 min
Delta R.T.: 0.009 min
Response: 170095
Conc: 1.17 ug/ml



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

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 137491
Conc: 0.93 ug/ml