

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048048.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 19:09
 Operator : YP/AJ
 Sample : P3245-27
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 18 03:37:14 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	8427561	56.704 ug/ml
Spiked Amount 50.000		Recovery =	113.41%
6) S 2-Fluorobiphenyl (SURR)	8.260	5505125	58.169 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.34%
11) S ortho-Terphenyl (SURR)	11.300	6732766	40.239 ug/ml
Spiked Amount 50.000		Recovery =	80.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.197	18141	0.108 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	59506	0.343 ug/ml
7) T Acenaphthene (C15.5)	8.358	86381	0.498 ug/ml
8) T Flouorene (C16.55)	9.151	58397	0.360 ug/ml
9) T Phenanthrene (C19.36)	10.529	242286	1.526 ug/ml
10) T Anthracene (C19.43)	10.612	63778	0.404 ug/ml
12) T Fluoranthene (C21.85)	12.331	386482	2.441 ug/ml
13) T Pyrene (C20.8)	12.624	315276	1.994 ug/ml
14) T Benzo[a]anthracene (C...	14.497	148043	1.084 ug/ml
15) T Chrysene (C27.41)	14.537	226406	1.404 ug/ml
16) T benzo[b]fluoranthene ...	16.044	237323	1.649 ug/ml
17) T Bnezo[k]fluoranthene ...	16.076	96686	0.647 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.423	4922	0.035 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786	598460	5.306 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	156864	1.079 ug/ml
21) T Benzo[g,h,i]perylene ...	18.036	132360	0.898 ug/ml

(f)=RT Delta > 1/2 Window

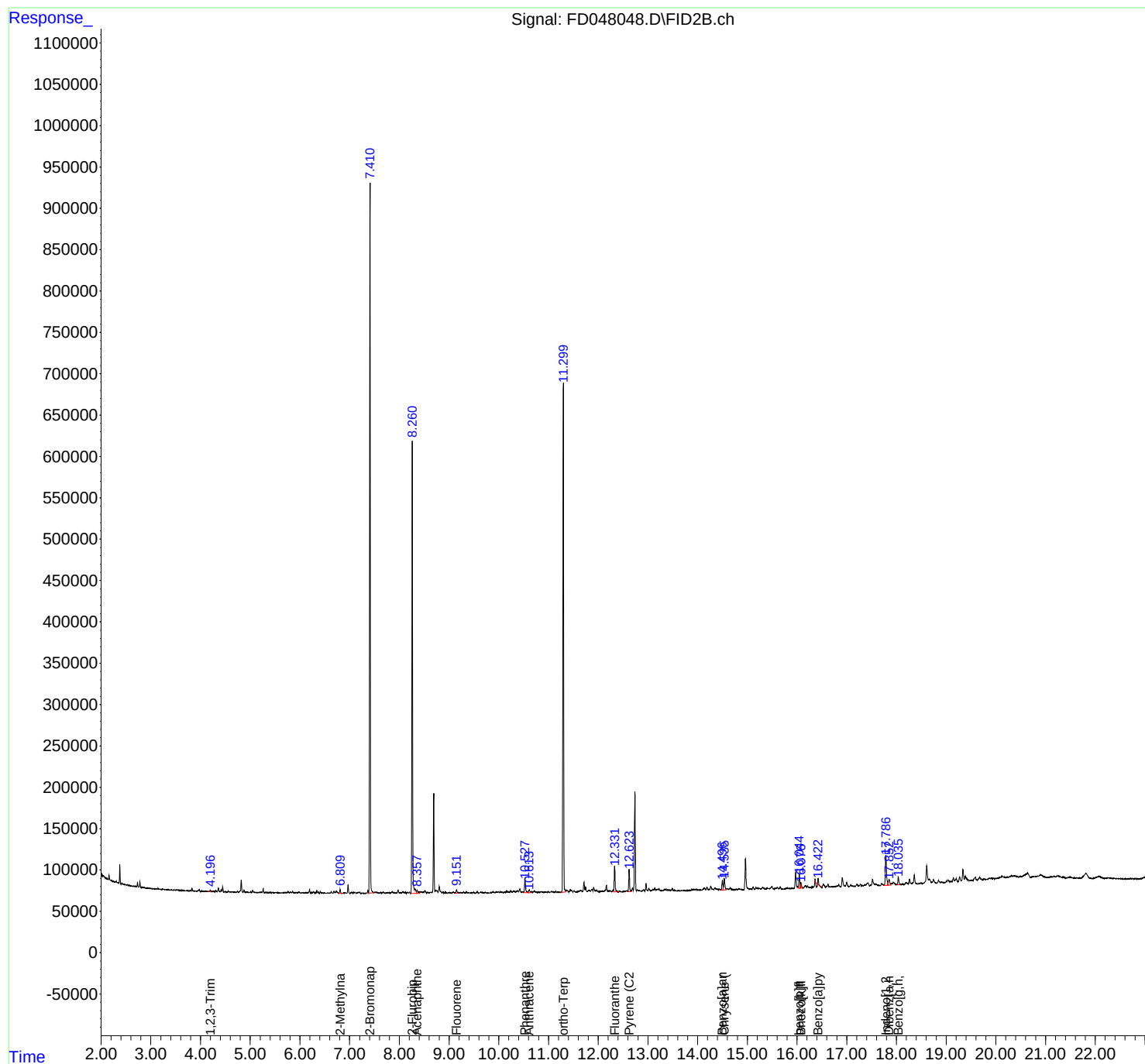
(m)=manual int.

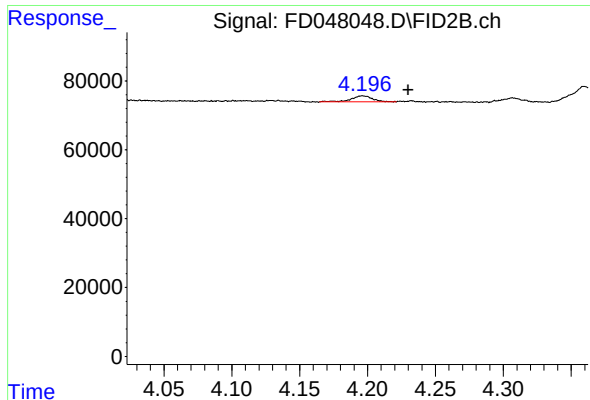
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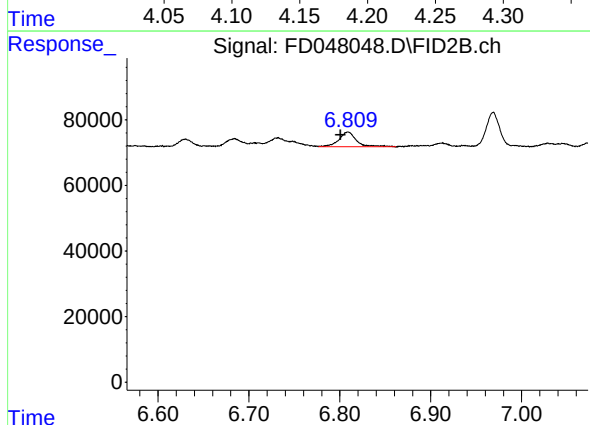
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.197 min
Delta R.T.: -0.033 min
Response: 18141
Conc: 0.11 ug/ml

Instrument :

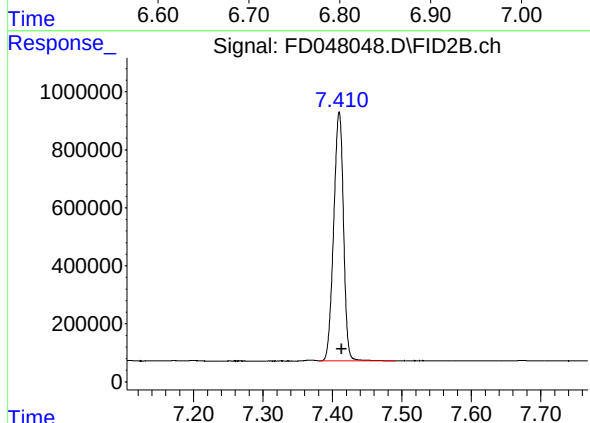
FID_D

ClientSampleId :



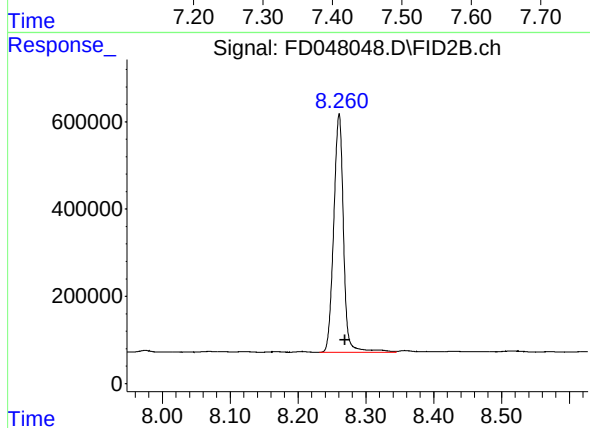
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: 0.008 min
Response: 59506
Conc: 0.34 ug/ml



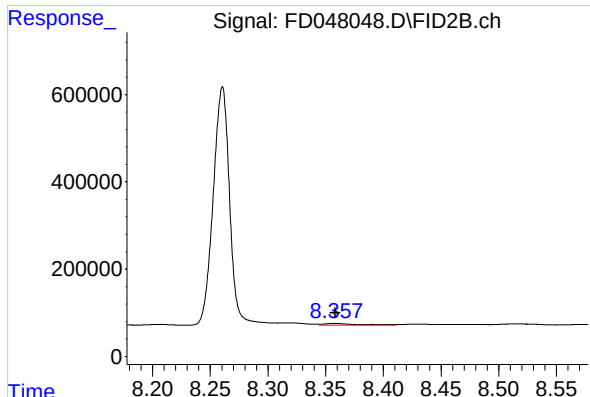
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.004 min
Response: 8427561
Conc: 56.70 ug/ml



#6 2-Fluorobiphenyl (SURR)

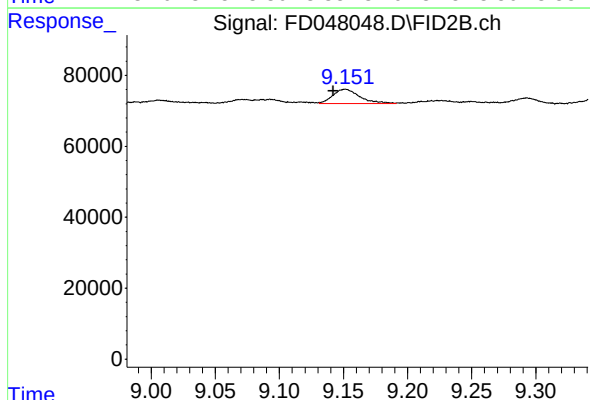
R.T.: 8.260 min
Delta R.T.: -0.009 min
Response: 5505125
Conc: 58.17 ug/ml



#7 Acenaphthene (C15.5)

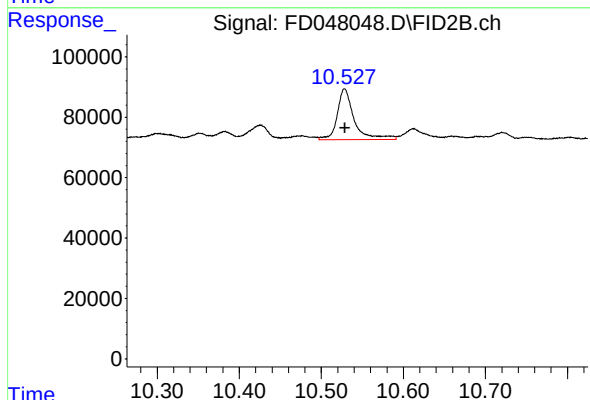
R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 86381
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



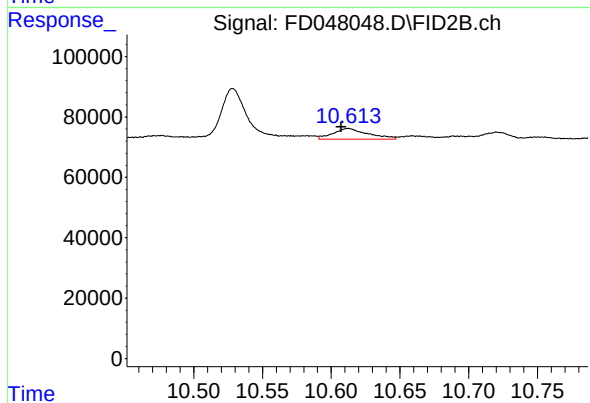
#8 Flouorene (C16.55)

R.T.: 9.151 min
Delta R.T.: 0.009 min
Response: 58397
Conc: 0.36 ug/ml



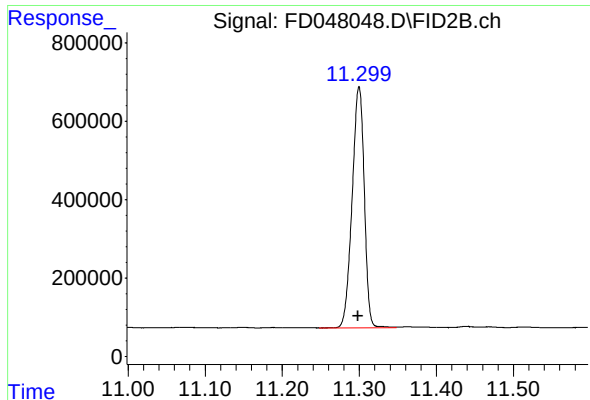
#9 Phenanthrene (C19.36)

R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 242286
Conc: 1.53 ug/ml



#10 Anthracene (C19.43)

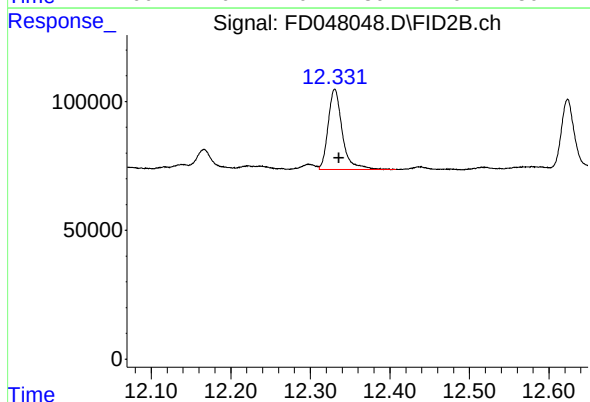
R.T.: 10.612 min
Delta R.T.: 0.005 min
Response: 63778
Conc: 0.40 ug/ml



#11 ortho-Terphenyl (SURR)

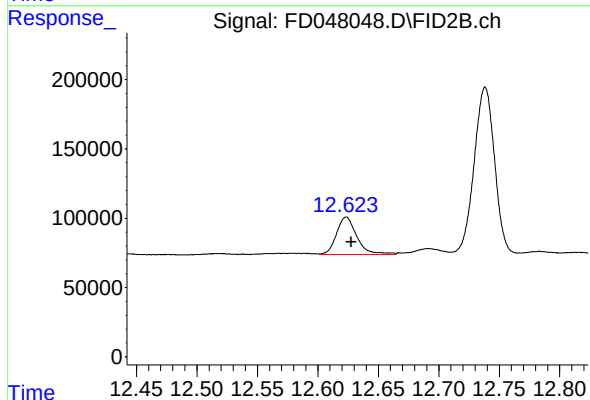
R.T.: 11.300 min
Delta R.T.: 0.001 min
Response: 6732766
Conc: 40.24 ug/ml

Instrument :
FID_D
ClientSampleId :



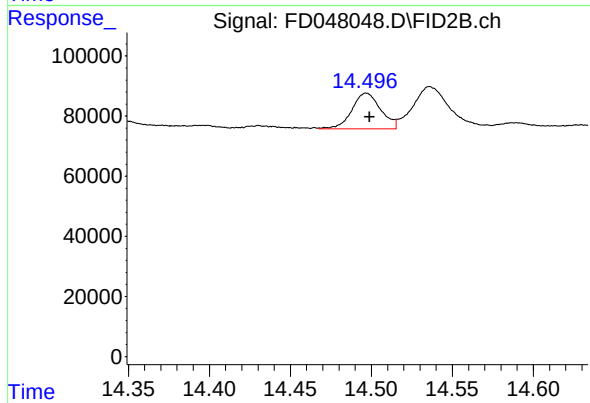
#12 Fluoranthene (C21.85)

R.T.: 12.331 min
Delta R.T.: -0.005 min
Response: 386482
Conc: 2.44 ug/ml



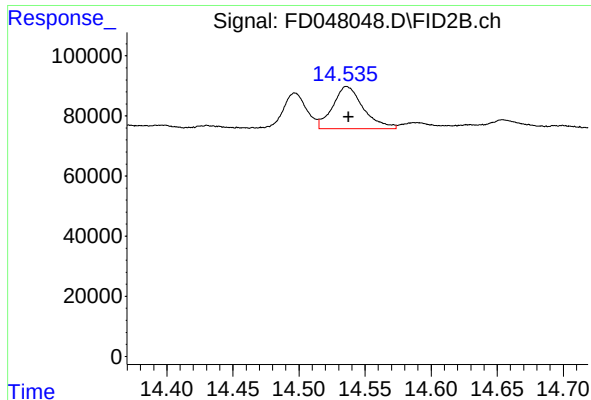
#13 Pyrene (C20.8)

R.T.: 12.624 min
Delta R.T.: -0.004 min
Response: 315276
Conc: 1.99 ug/ml



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

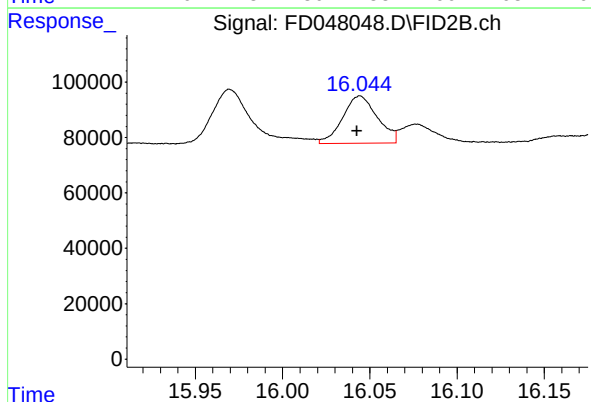
R.T.: 14.497 min
Delta R.T.: -0.002 min
Response: 148043
Conc: 1.08 ug/ml



#15 Chrysene (C27.41)

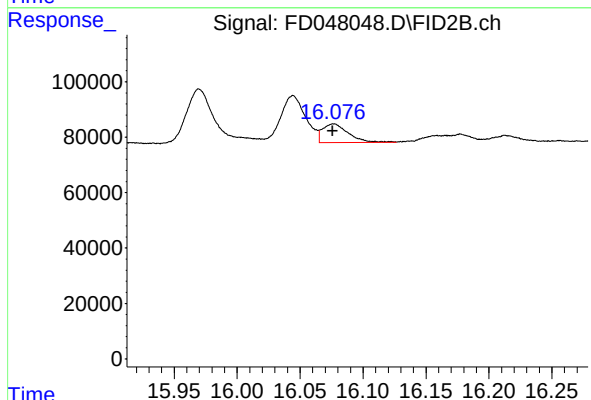
R.T.: 14.537 min
Delta R.T.: 0.000 min
Response: 226406
Conc: 1.40 ug/ml

Instrument :
FID_D
ClientSampleId :



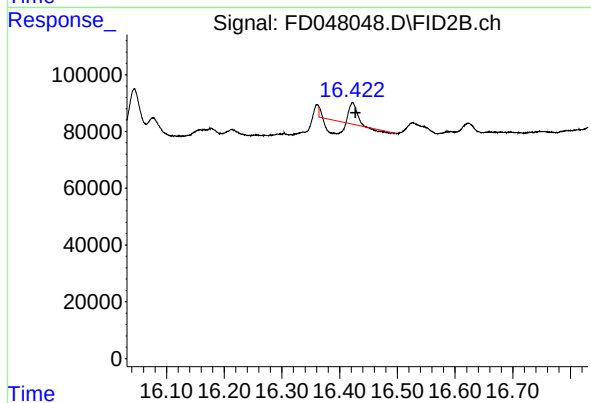
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.044 min
Delta R.T.: 0.002 min
Response: 237323
Conc: 1.65 ug/ml



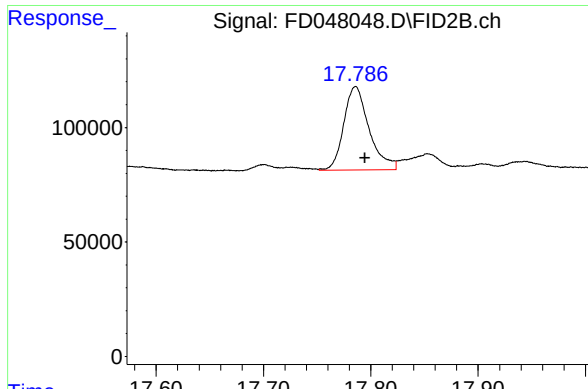
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.076 min
Delta R.T.: 0.000 min
Response: 96686
Conc: 0.65 ug/ml



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

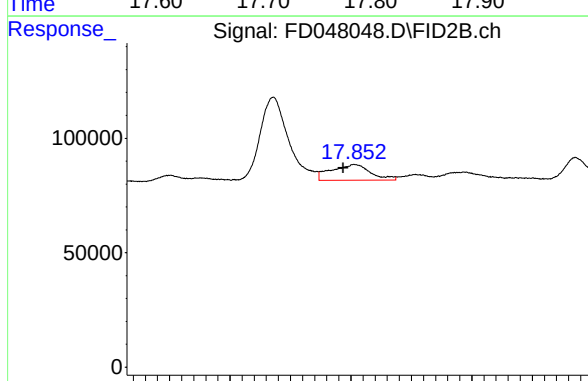
R.T.: 16.423 min
Delta R.T.: -0.005 min
Response: 4922
Conc: 0.03 ug/ml



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

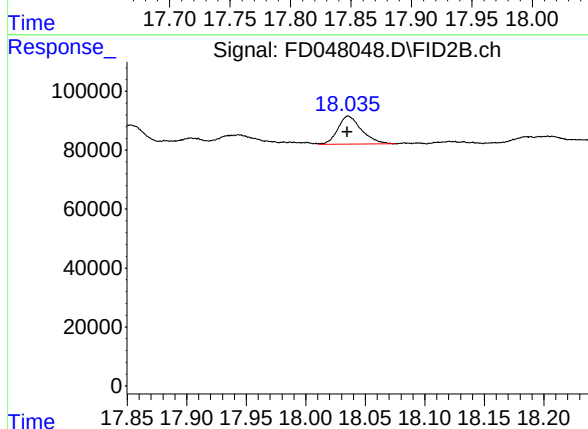
R.T.: 17.786 min
Delta R.T.: -0.009 min
Response: 598460
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.853 min
Delta R.T.: 0.009 min
Response: 156864
Conc: 1.08 ug/ml



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

R.T.: 18.036 min
Delta R.T.: 0.001 min
Response: 132360
Conc: 0.90 ug/ml