

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045861.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 04:46
 Operator : YP/AJ
 Sample : 03224-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 06:37:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.528	9442528	52.375 ug/ml
Spiked Amount 50.000		Recovery =	104.75%
6) S 2-Fluorobiphenyl (SURR)	8.383	6269383	52.146 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.29%
11) S ortho-Terphenyl (SURR)	11.422	6959626	31.158 ug/ml
Spiked Amount 50.000		Recovery =	62.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	24837	0.123 ug/ml
2) T Naphthalene (C11.7)	5.864	81396	0.384 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	101729	0.482 ug/ml
5) T Acenaphthylene (C15.06)	8.183	72363	0.382 ug/ml
7) T Acenaphthene (C15.5)	8.477	129409	0.640 ug/ml
8) T Fluorene (C16.55)	9.257	116326	0.587 ug/ml
9) T Phenanthrene (C19.36)	10.646	952873	4.981 ug/ml
10) T Anthracene (C19.43)	10.719	241191	1.416 ug/ml
12) T Fluoranthene (C21.85)	12.451	1557519	8.430 ug/ml
13) T Pyrene (C20.8)	12.745	1294556	7.248 ug/ml
14) T Benzo[a]anthracene (C...	14.608	761652	4.865 ug/ml
15) T Chrysene (C27.41)	14.649	771822	4.678 ug/ml
16) T benzo[b]fluoranthene ...	16.151	927616	6.129 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	319908	2.066 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	640577	4.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	563321	3.846 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	169542	1.130 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	408805	2.771 ug/ml

(f)=RT Delta > 1/2 Window

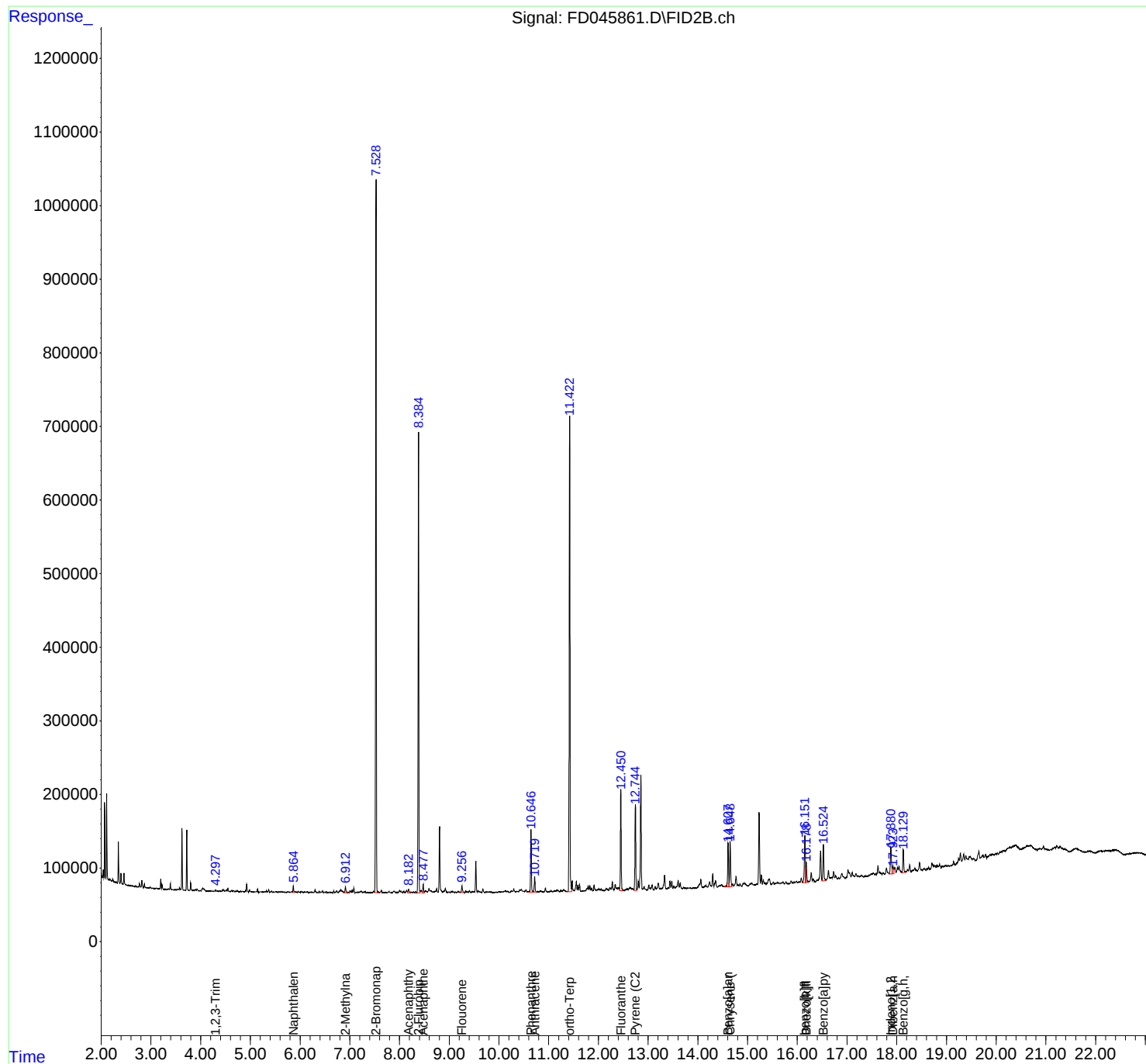
(m)=manual int.

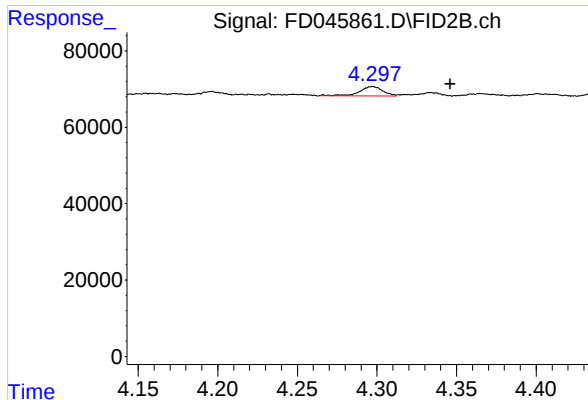
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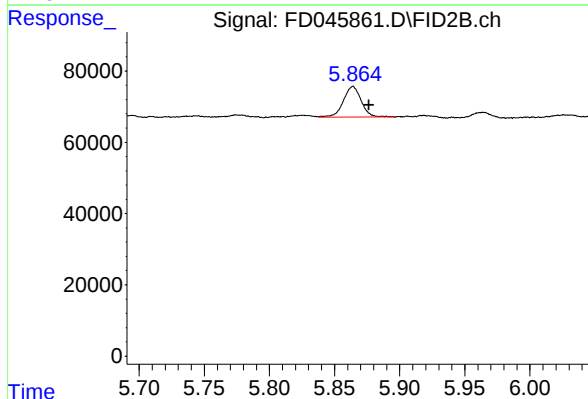




#1 1,2,3-Trimethylbenzene (C10.1)

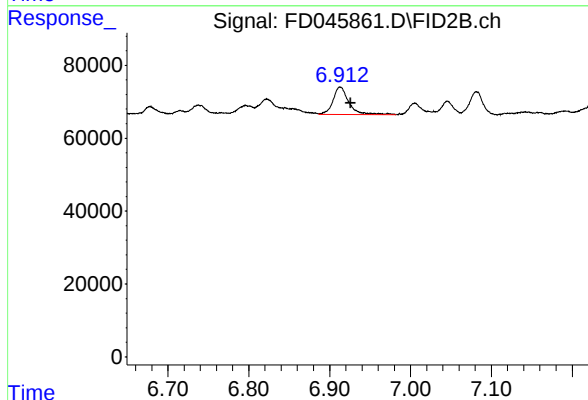
R.T.: 4.297 min
Delta R.T.: -0.049 min
Response: 24837
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



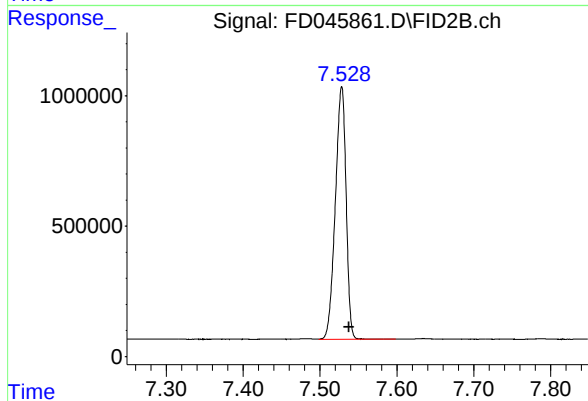
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.012 min
Response: 81396
Conc: 0.38 ug/ml



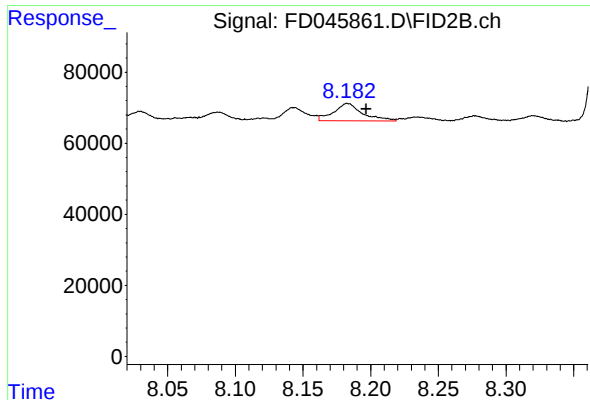
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 101729
Conc: 0.48 ug/ml



#4 2-Bromonaphthalene (SURR)

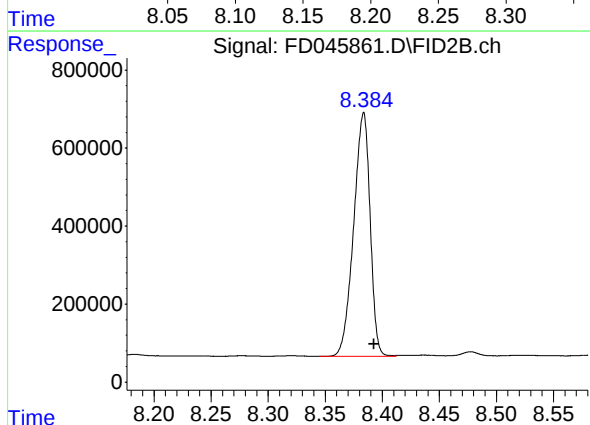
R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 9442528
Conc: 52.37 ug/ml



#5 Acenaphthylene (C15.06)

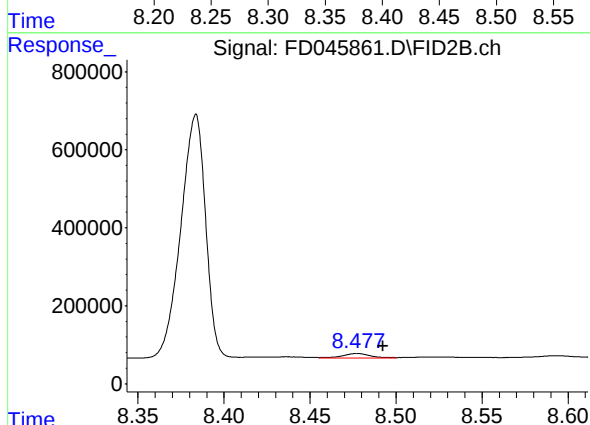
R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 72363
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



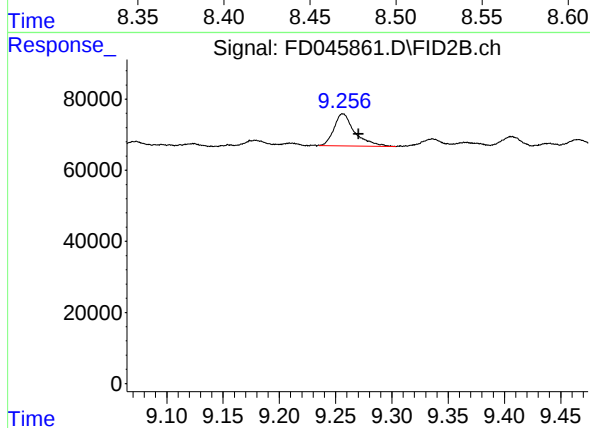
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.383 min
Delta R.T.: -0.009 min
Response: 6269383
Conc: 52.15 ug/ml



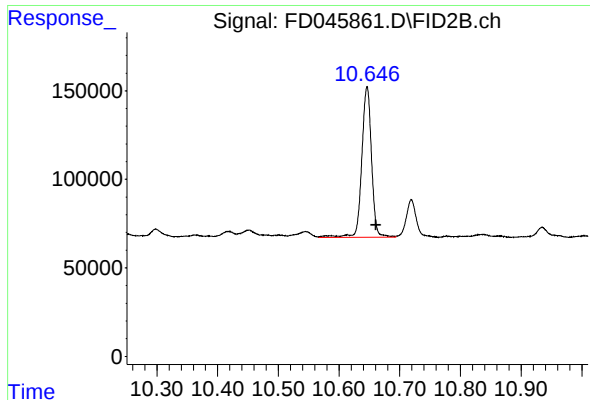
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: -0.015 min
Response: 129409
Conc: 0.64 ug/ml



#8 Flouorene (C16.55)

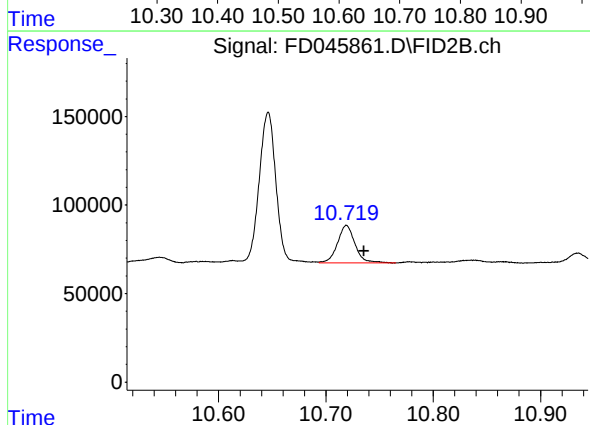
R.T.: 9.257 min
Delta R.T.: -0.014 min
Response: 116326
Conc: 0.59 ug/ml



#9 Phenanthrene (C19.36)

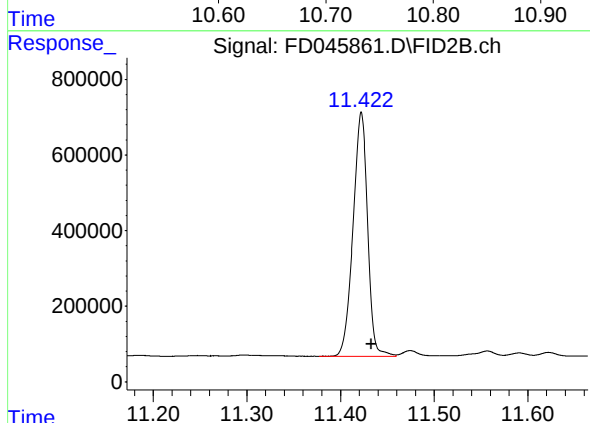
R.T.: 10.646 min
Delta R.T.: -0.015 min
Response: 952873
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :



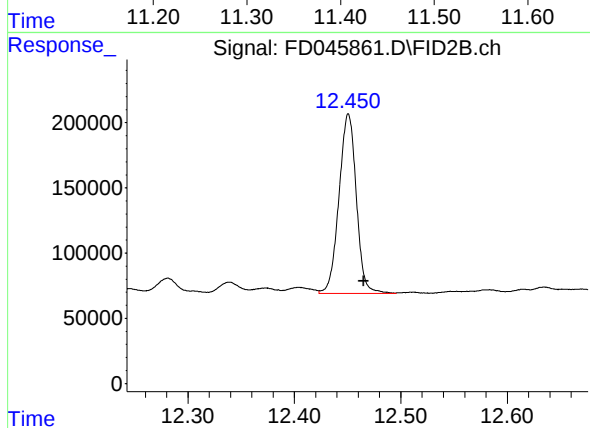
#10 Anthracene (C19.43)

R.T.: 10.719 min
Delta R.T.: -0.016 min
Response: 241191
Conc: 1.42 ug/ml



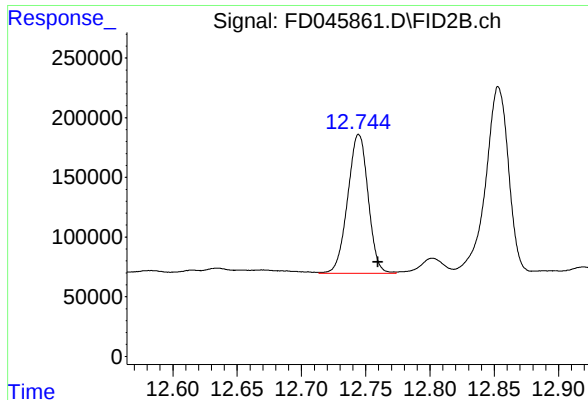
#11 ortho-Terphenyl (SURRE)

R.T.: 11.422 min
Delta R.T.: -0.011 min
Response: 6959626
Conc: 31.16 ug/ml



#12 Fluoranthene (C21.85)

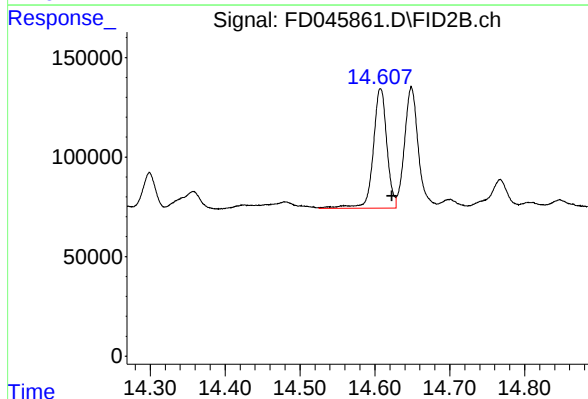
R.T.: 12.451 min
Delta R.T.: -0.014 min
Response: 1557519
Conc: 8.43 ug/ml



#13 Pyrene (C20.8)

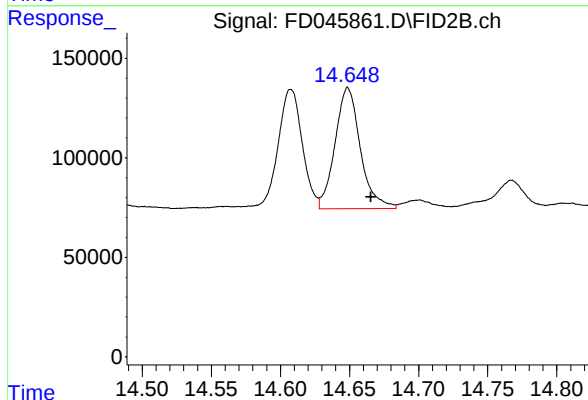
R.T.: 12.745 min
Delta R.T.: -0.015 min
Response: 1294556
Conc: 7.25 ug/ml

Instrument :
FID_D
ClientSampleId :



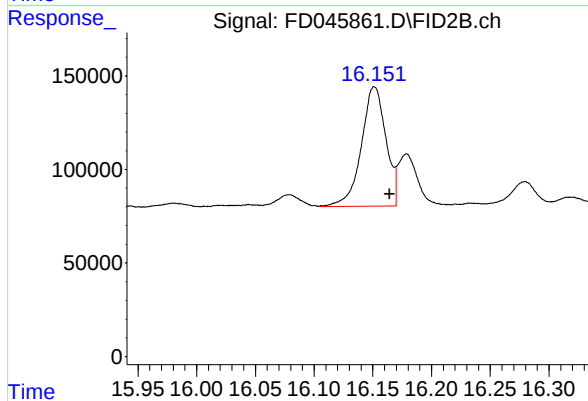
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.608 min
Delta R.T.: -0.015 min
Response: 761652
Conc: 4.86 ug/ml



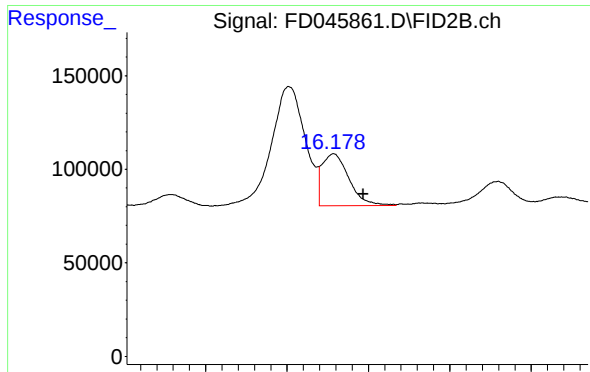
#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: -0.017 min
Response: 771822
Conc: 4.68 ug/ml



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

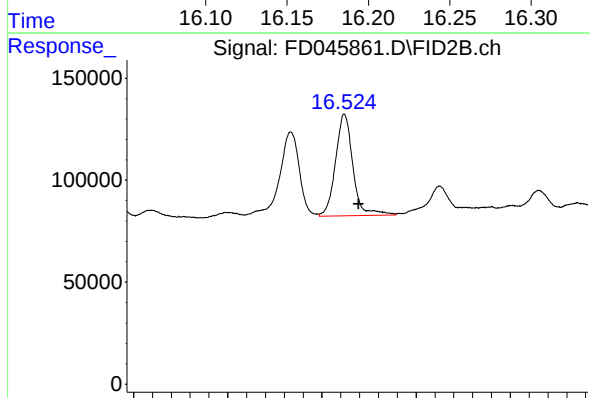
R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 927616
Conc: 6.13 ug/ml



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

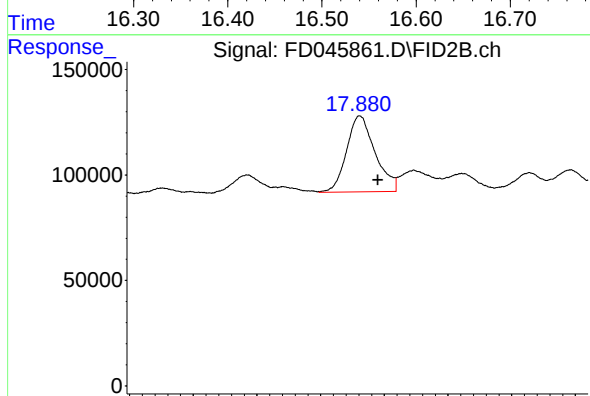
R.T.: 16.178 min
Delta R.T.: -0.018 min
Response: 319908
Conc: 2.07 ug/ml

Instrument :
FID_D
ClientSampleId :



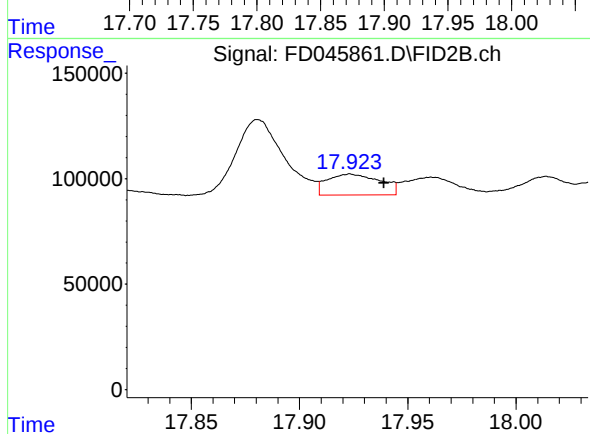
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: -0.015 min
Response: 640577
Conc: 4.38 ug/ml



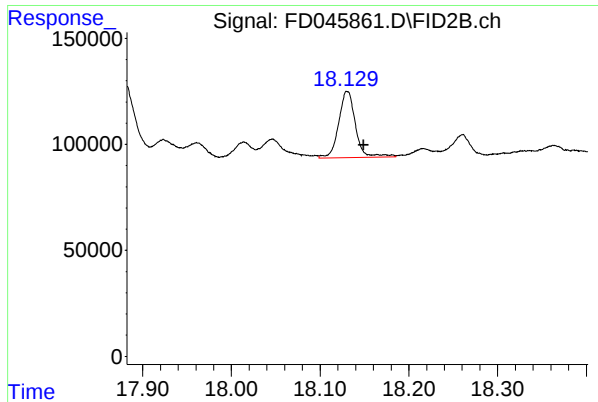
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: -0.014 min
Response: 563321
Conc: 3.85 ug/ml



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

R.T.: 17.924 min
Delta R.T.: -0.016 min
Response: 169542
Conc: 1.13 ug/ml



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

R.T.: 18.131 min
Delta R.T.: -0.018 min
Response: 408805
Conc: 2.77 ug/ml

Instrument :
FID_D
ClientSampleId :