

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110824AR\
 Data File : FF014985.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 22:14
 Operator : YP\AJ
 Sample : P4721-05 10X
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 00:29:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 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...	7.993	1366494	10.268 ug/ml
Spiked Amount 50.000		Recovery =	20.54%
6) S 2-Fluorobiphenyl (SURR)	8.867	1332198	14.937 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	29.87%
11) S ortho-Terphenyl (SURR)	11.931	1175199	7.979 ug/ml
Spiked Amount 50.000		Recovery =	15.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.644	21767	0.143 ug/ml
2) T Naphthalene (C11.7)	6.272	75803	0.483 ug/ml
3) T 2-Methylnaphthalene (...)	7.375	1320131	8.415 ug/ml
5) T Acenaphthylene (C15.06)	8.642	2928512	19.258 ug/ml
7) T Acenaphthene (C15.5)	8.981	581115	3.830 ug/ml
8) T Fluorene (C16.55)	9.756	909570	6.132 ug/ml
9) T Phenanthrene (C19.36)	11.163	3070608	21.172 ug/ml
10) T Anthracene (C19.43)	11.241	1704042	12.418 ug/ml
12) T Fluoranthene (C21.85)	12.983	1925093	13.775 ug/ml
13) T Pyrene (C20.8)	13.280	1616645	11.733 ug/ml
14) T Benzo[a]anthracene (C...	15.157	228406	1.712 ug/ml
15) T Chrysene (C27.41)	15.199	281108	2.071 ug/ml
16) T benzo[b]fluoranthene ...	16.719	309704	2.253 ug/ml
17) T Bnezo[k]fluoranthene ...	16.769	59894	0.466 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.093	179640	1.325 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.506	214727	1.562 ug/ml
20) T Dibenz[a,h]anthracene...	18.506	214727	1.451 ug/ml
21) T Benzo[g,h,i]perylene ...	18.718	104503	0.714 ug/ml

(f)=RT Delta > 1/2 Window

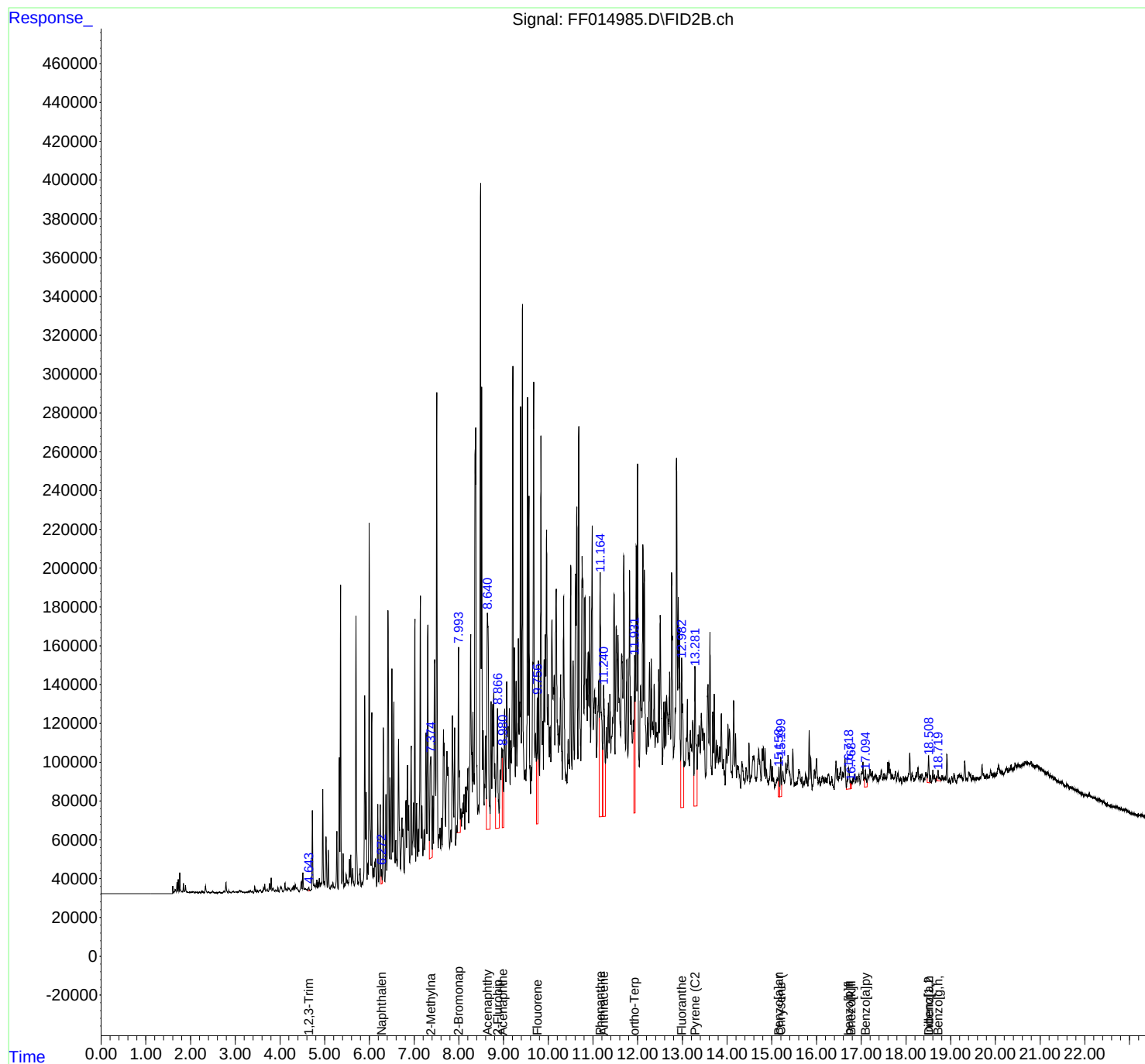
(m)=manual int.

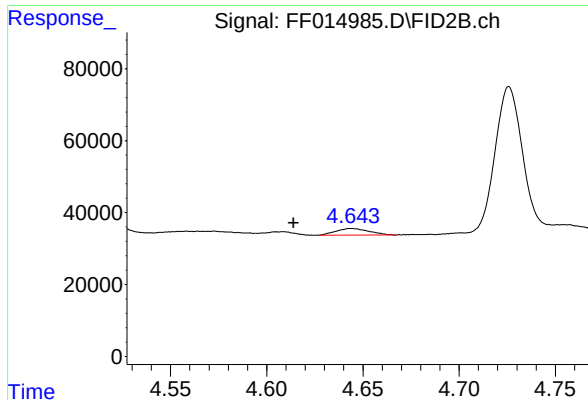
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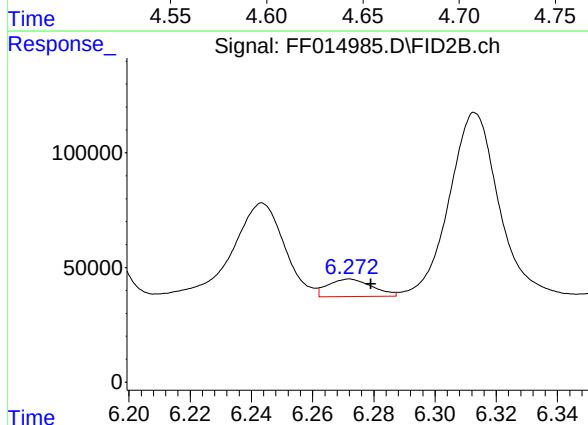




#1 1,2,3-Trimethylbenzene (C10.1)

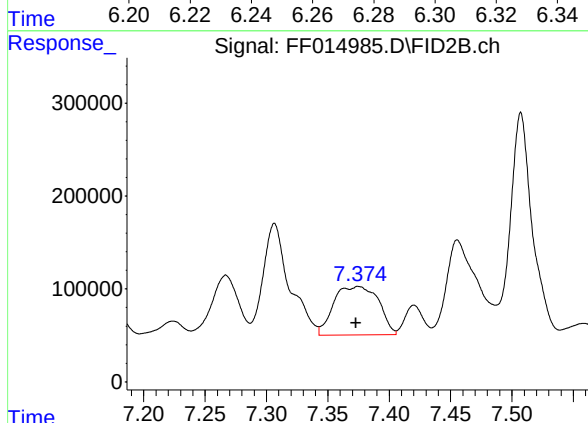
R.T.: 4.644 min
Delta R.T.: 0.030 min
Response: 21767
Conc: 0.14 ug/ml

Instrument :
FID_F
ClientSampleId :



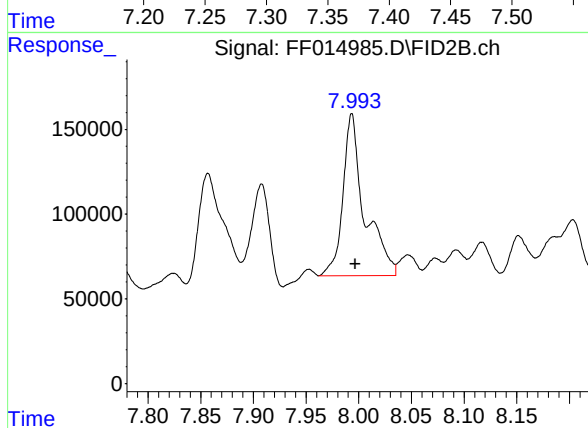
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.007 min
Response: 75803
Conc: 0.48 ug/ml



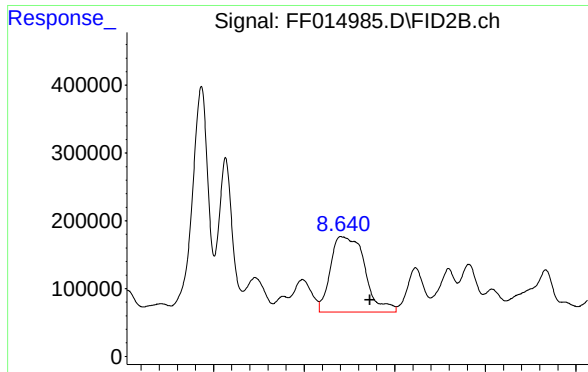
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.375 min
Delta R.T.: 0.002 min
Response: 1320131
Conc: 8.42 ug/ml



#4 2-Bromonaphthalene (SURR)

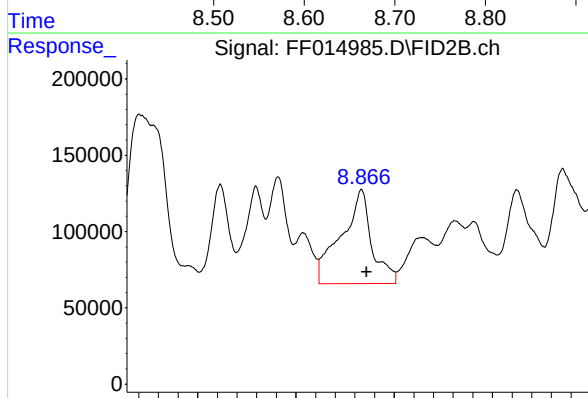
R.T.: 7.993 min
Delta R.T.: -0.003 min
Response: 1366494
Conc: 10.27 ug/ml



#5 Acenaphthylene (C15.06)

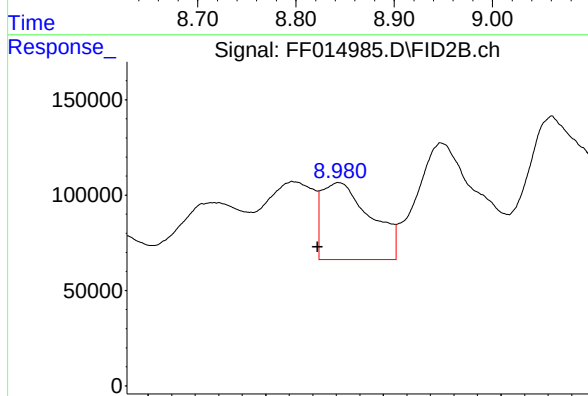
R.T.: 8.642 min
Delta R.T.: -0.030 min
Response: 2928512
Conc: 19.26 ug/ml

Instrument :
FID_F
ClientSampleId :



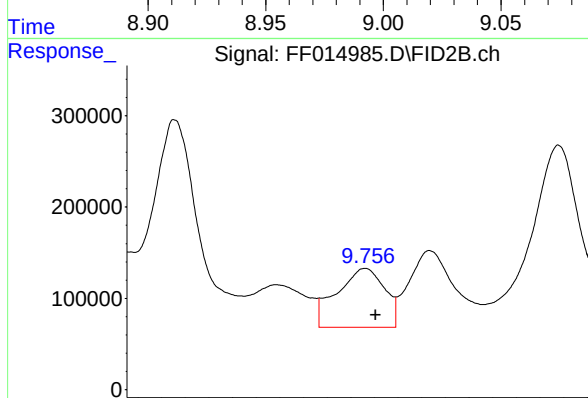
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.867 min
Delta R.T.: -0.006 min
Response: 1332198
Conc: 14.94 ug/ml



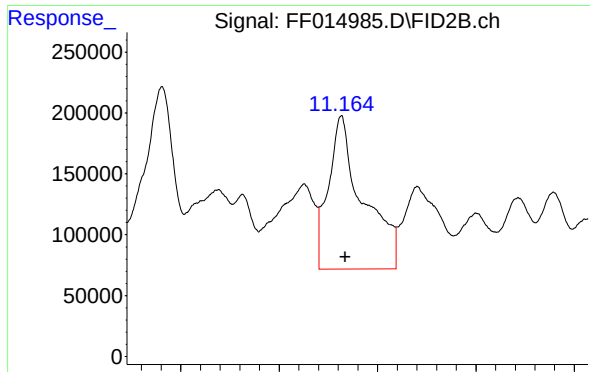
#7 Acenaphthene (C15.5)

R.T.: 8.981 min
Delta R.T.: 0.009 min
Response: 581115
Conc: 3.83 ug/ml



#8 Flouorene (C16.55)

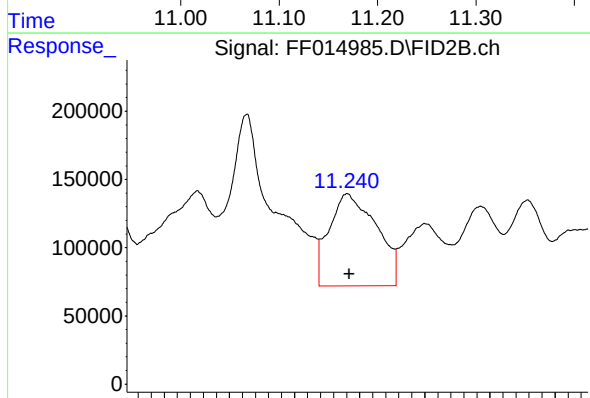
R.T.: 9.756 min
Delta R.T.: -0.004 min
Response: 909570
Conc: 6.13 ug/ml



#9 Phenanthrene (C19.36)

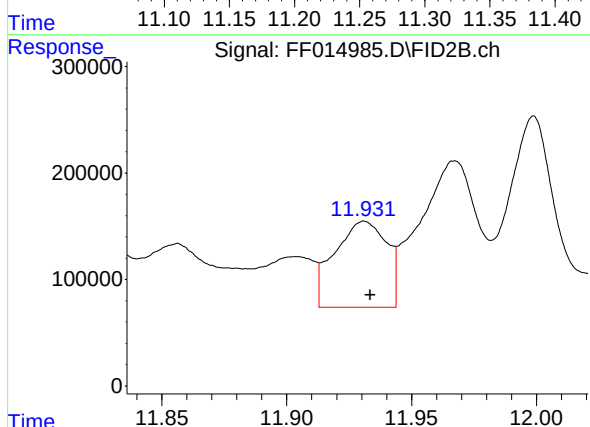
R.T.: 11.163 min
Delta R.T.: -0.004 min
Response: 3070608
Conc: 21.17 ug/ml

Instrument :
FID_F
ClientSampleId :



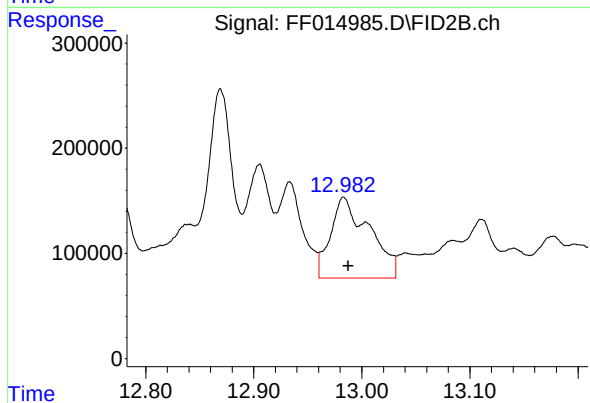
#10 Anthracene (C19.43)

R.T.: 11.241 min
Delta R.T.: -0.001 min
Response: 1704042
Conc: 12.42 ug/ml



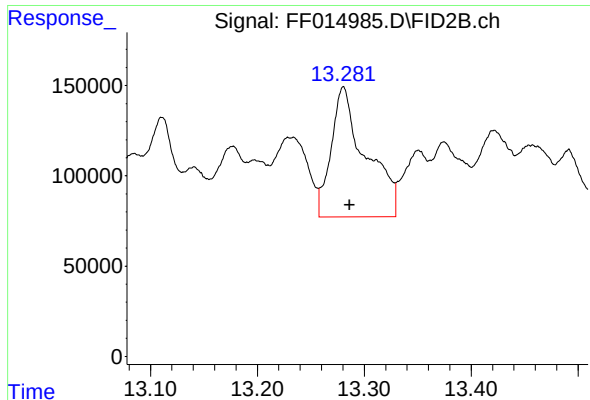
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.002 min
Response: 1175199
Conc: 7.98 ug/ml



#12 Fluoranthene (C21.85)

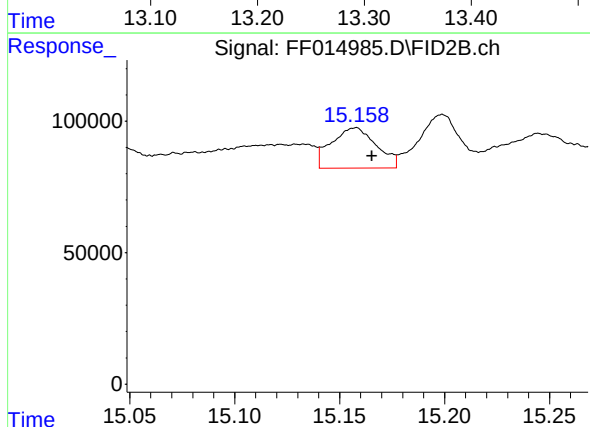
R.T.: 12.983 min
Delta R.T.: -0.004 min
Response: 1925093
Conc: 13.77 ug/ml



#13 Pyrene (C20.8)

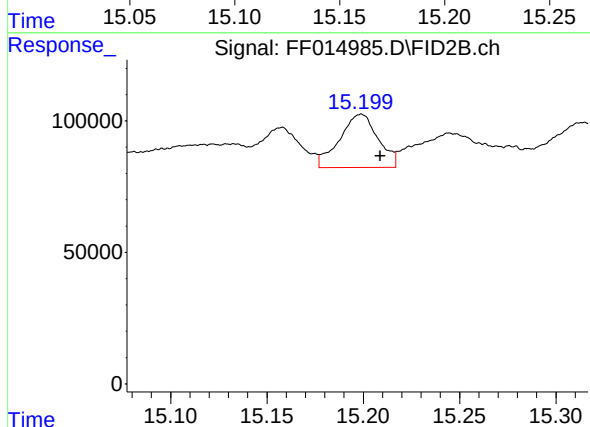
R.T.: 13.280 min
Delta R.T.: -0.006 min
Response: 1616645
Conc: 11.73 ug/ml

Instrument :
FID_F
ClientSampleId :



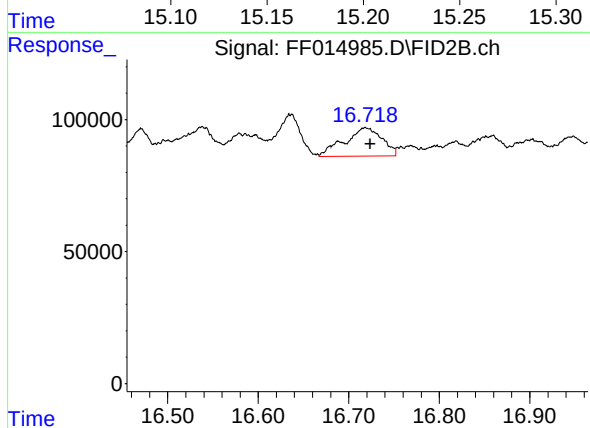
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: -0.008 min
Response: 228406
Conc: 1.71 ug/ml



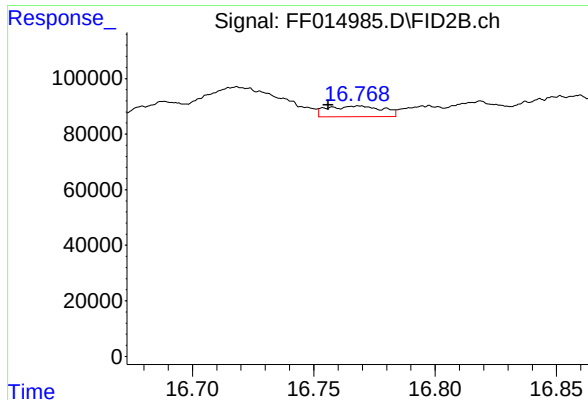
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 281108
Conc: 2.07 ug/ml



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

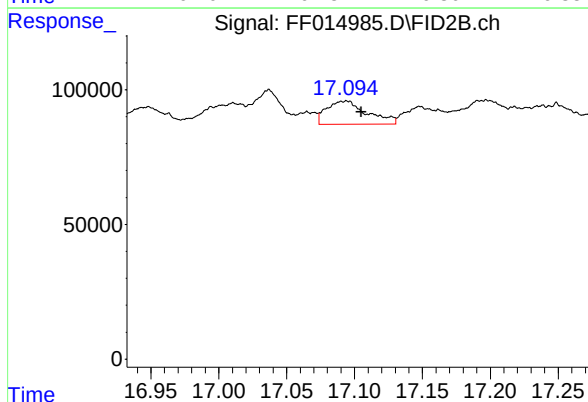
R.T.: 16.719 min
Delta R.T.: -0.005 min
Response: 309704
Conc: 2.25 ug/ml



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

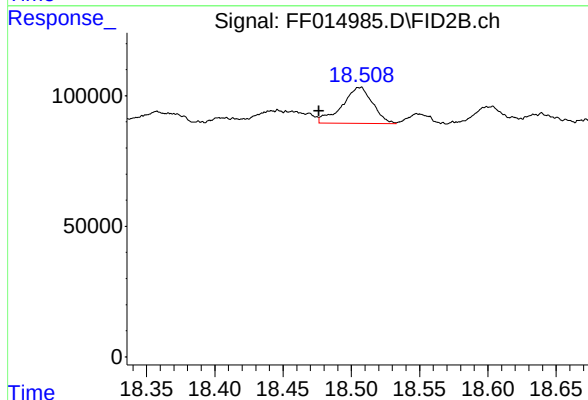
R.T.: 16.769 min
Delta R.T.: 0.013 min
Response: 59894
Conc: 0.47 ug/ml

Instrument :
FID_F
ClientSampleId :



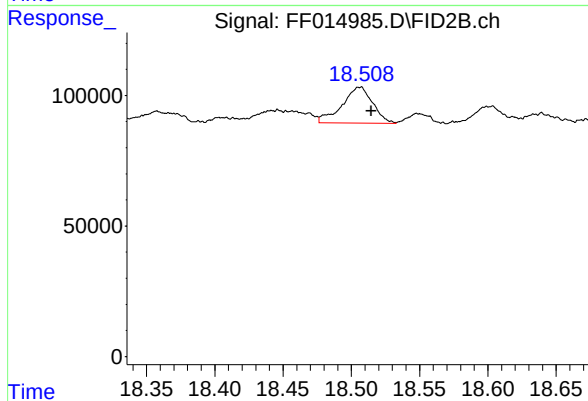
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.093 min
Delta R.T.: -0.012 min
Response: 179640
Conc: 1.32 ug/ml



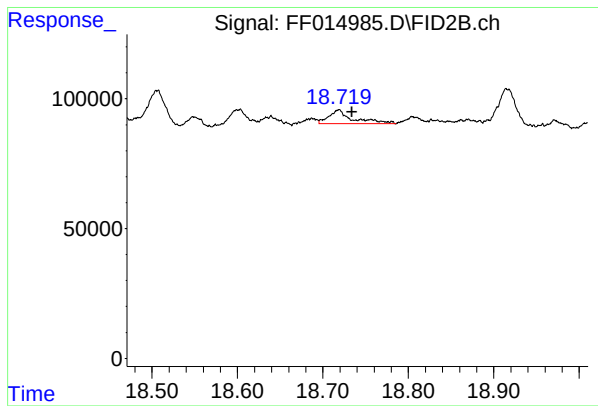
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.506 min
Delta R.T.: 0.030 min
Response: 214727
Conc: 1.56 ug/ml



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

R.T.: 18.506 min
Delta R.T.: -0.009 min
Response: 214727
Conc: 1.45 ug/ml



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

R.T.: 18.718 min
Delta R.T.: -0.016 min
Response: 104503
Conc: 0.71 ug/ml

Instrument :
FID_F
ClientSampleId :