

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045258.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 02:32
 Operator : YP/AJ
 Sample : 01830-01
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 03:09:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.553	7810002	57.550 ug/ml
Spiked Amount 50.000		Recovery =	115.10%
6) S 2-Fluorobiphenyl (SURR)	8.409	4893534	54.655 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.31%
11) S ortho-Terphenyl (SURR)	11.449	7017824	42.161 ug/ml
Spiked Amount 50.000		Recovery =	84.32%
Target Compounds			
2) T Naphthalene (C11.7)	5.891	98963	0.626 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	129531	0.815 ug/ml
5) T Acenaphthylene (C15.06)	8.208	173563	1.210 ug/ml
7) T Acenaphthene (C15.5)	8.466	53413	0.352 ug/ml
9) T Phenanthrene (C19.36)	10.672	642444	4.500 ug/ml
10) T Anthracene (C19.43)	10.746	116927	0.834 ug/ml
12) T Fluoranthene (C21.85)	12.477	923189	6.609 ug/ml
13) T Pyrene (C20.8)	12.771	805074	5.912 ug/ml
14) T Benzo[a]anthracene (C...	14.634	582160	4.567 ug/ml
15) T Chrysene (C27.41)	14.675	645142	4.950 ug/ml
16) T benzo[b]fluoranthene ...	16.179	1076669	8.351 ug/ml
17) T Bnezo[k]fluoranthene ...	16.179	1076669	8.529 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	526963	4.187 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	427487	3.573 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	172949	1.434 ug/ml
21) T Benzo[g,h,i]perylene ...	18.157	363627	2.922 ug/ml

(f)=RT Delta > 1/2 Window

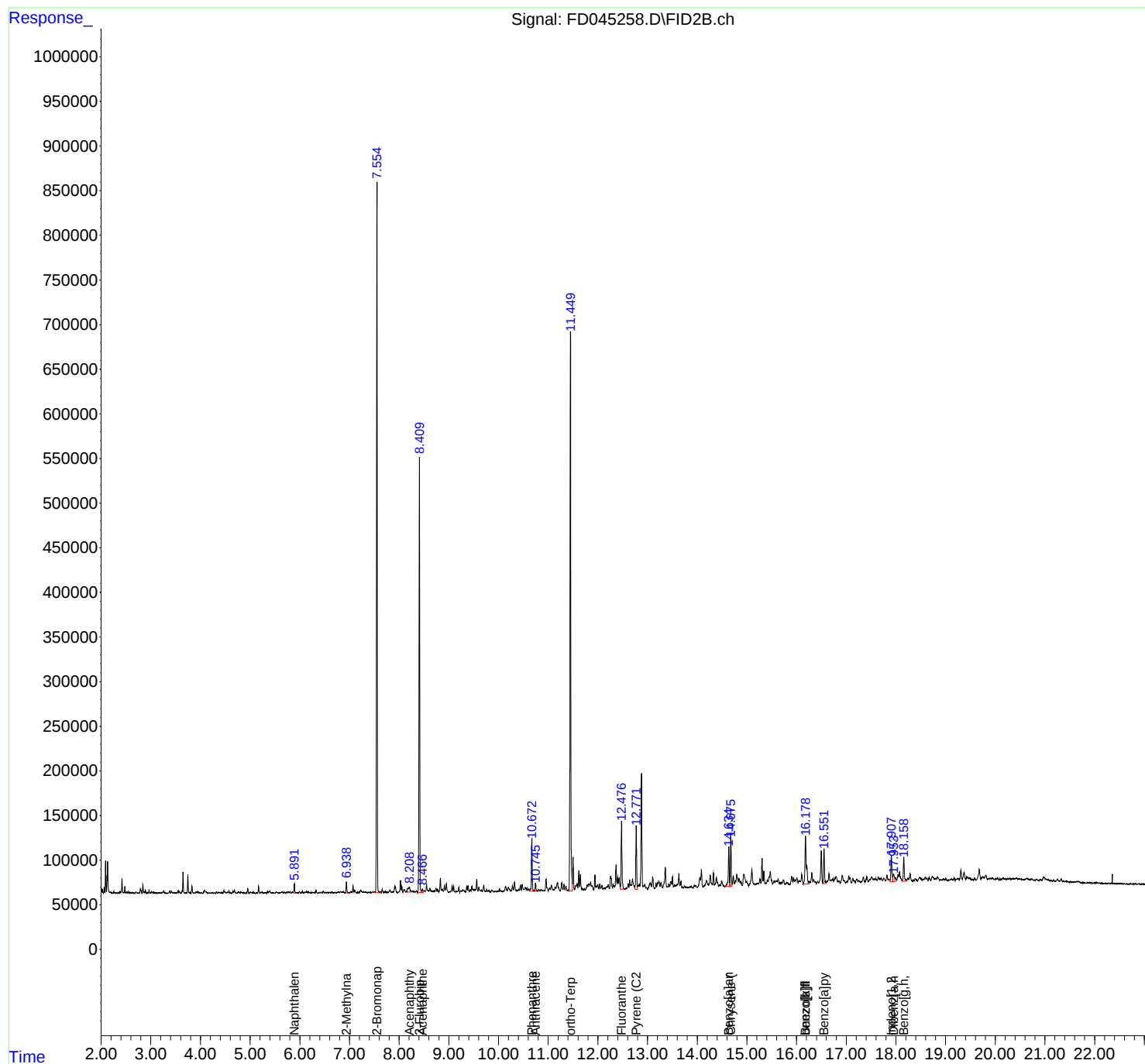
(m)=manual int.

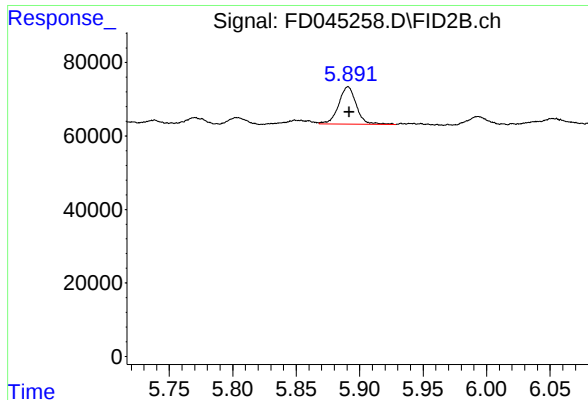
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QLast Update : Wed Mar 01 16:43:59 2023
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

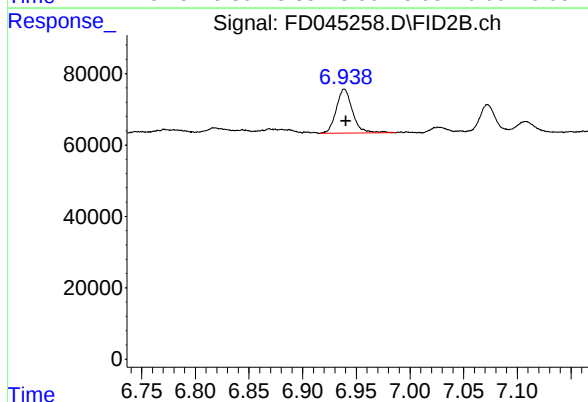




#2 Naphthalene (C11.7)

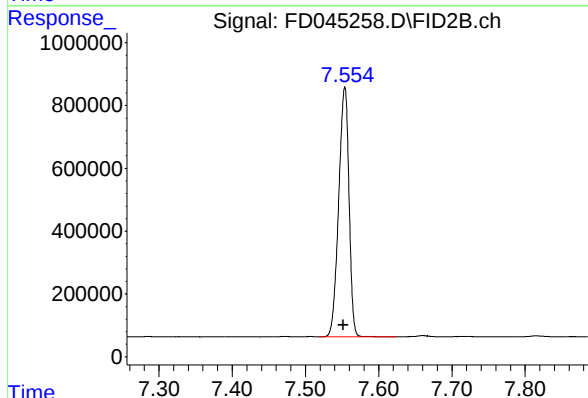
R.T.: 5.891 min
Delta R.T.: -0.001 min
Response: 98963
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



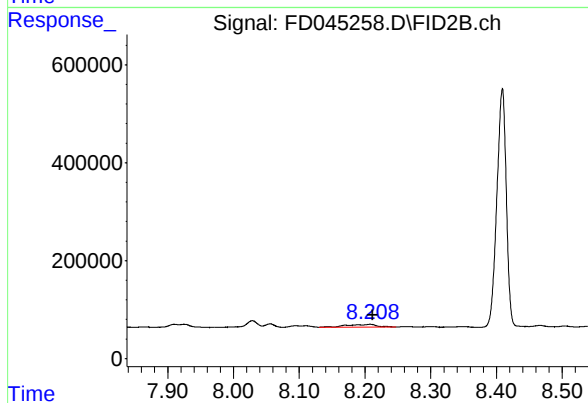
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 129531
Conc: 0.82 ug/ml



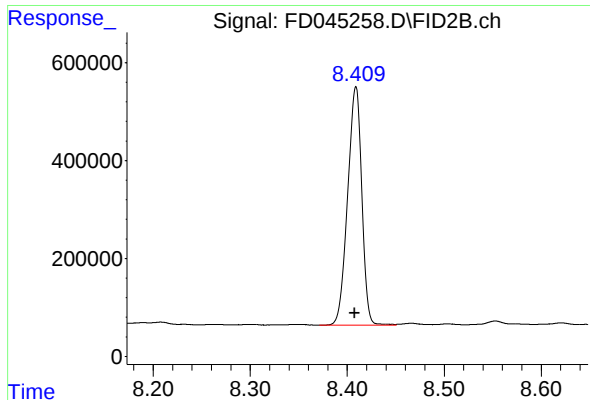
#4 2-Bromonaphthalene (SURR)

R.T.: 7.553 min
Delta R.T.: 0.002 min
Response: 7810002
Conc: 57.55 ug/ml



#5 Acenaphthylene (C15.06)

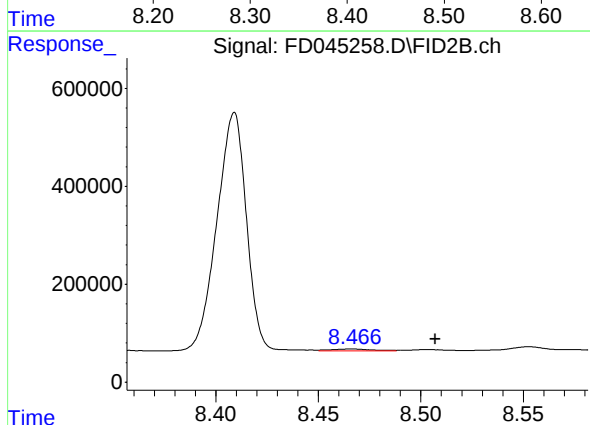
R.T.: 8.208 min
Delta R.T.: -0.004 min
Response: 173563
Conc: 1.21 ug/ml



#6 2-Fluorobiphenyl (SURR)

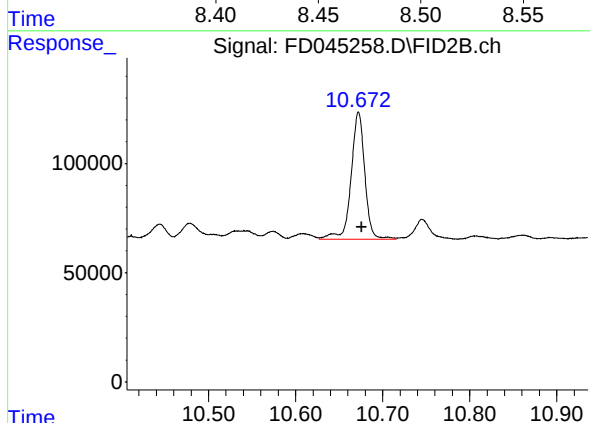
R.T.: 8.409 min
Delta R.T.: 0.001 min
Response: 4893534
Conc: 54.66 ug/ml

Instrument :
FID_D
ClientSampleId :



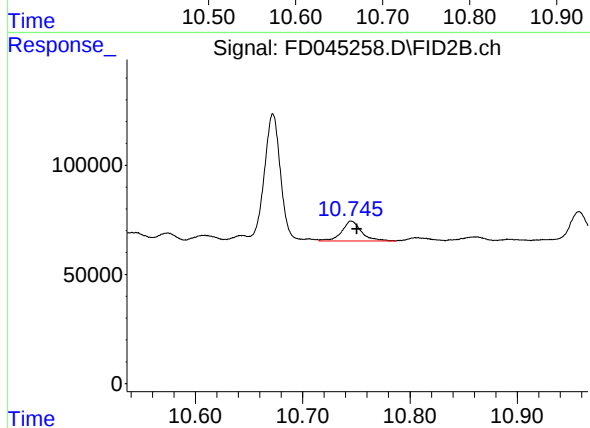
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: -0.041 min
Response: 53413
Conc: 0.35 ug/ml



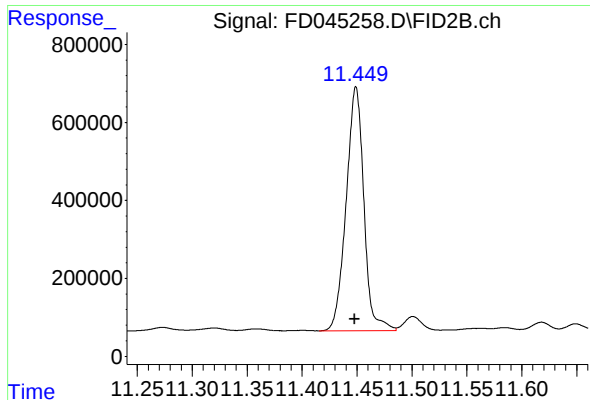
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: -0.004 min
Response: 642444
Conc: 4.50 ug/ml



#10 Anthracene (C19.43)

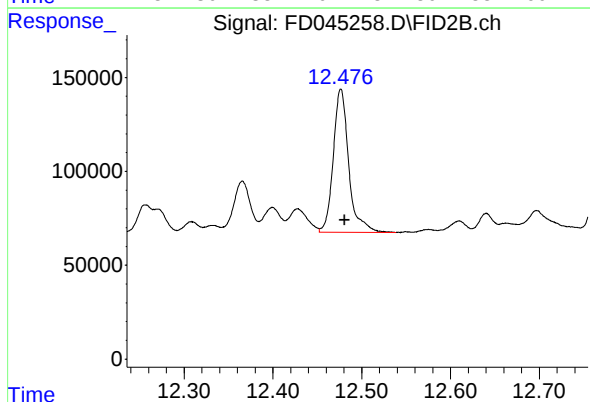
R.T.: 10.746 min
Delta R.T.: -0.005 min
Response: 116927
Conc: 0.83 ug/ml



#11 ortho-Terphenyl (SURR)

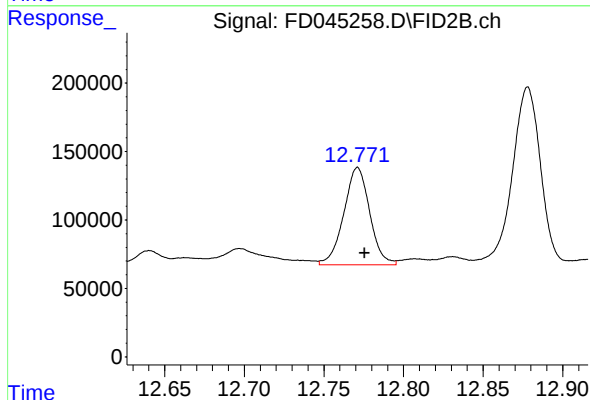
R.T.: 11.449 min
Delta R.T.: 0.001 min
Response: 7017824
Conc: 42.16 ug/ml

Instrument :
FID_D
ClientSampleId :



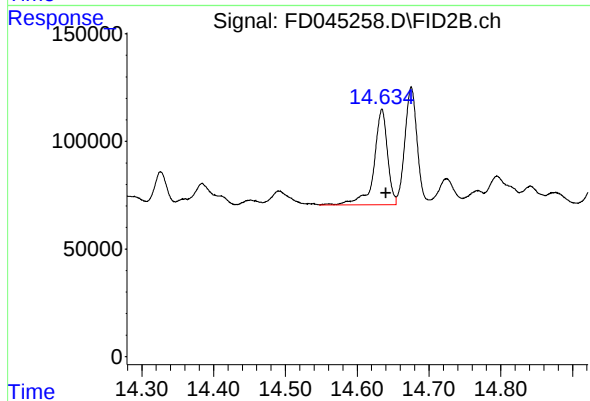
#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: -0.004 min
Response: 923189
Conc: 6.61 ug/ml



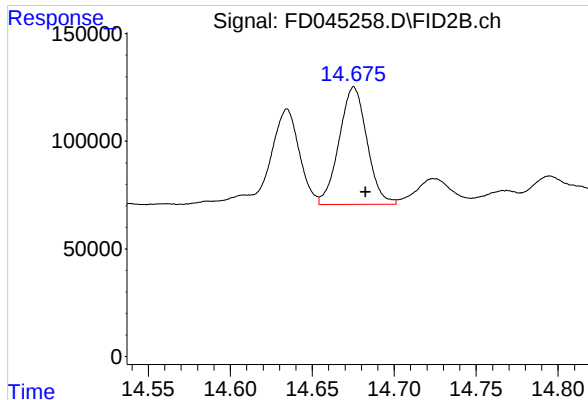
#13 Pyrene (C20.8)

R.T.: 12.771 min
Delta R.T.: -0.004 min
Response: 805074
Conc: 5.91 ug/ml



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

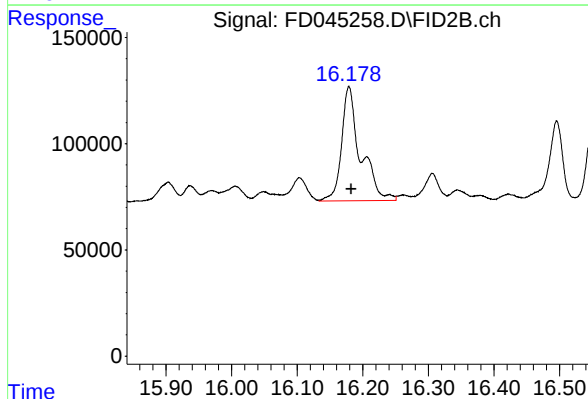
R.T.: 14.634 min
Delta R.T.: -0.006 min
Response: 582160
Conc: 4.57 ug/ml



#15 Chrysene (C27.41)

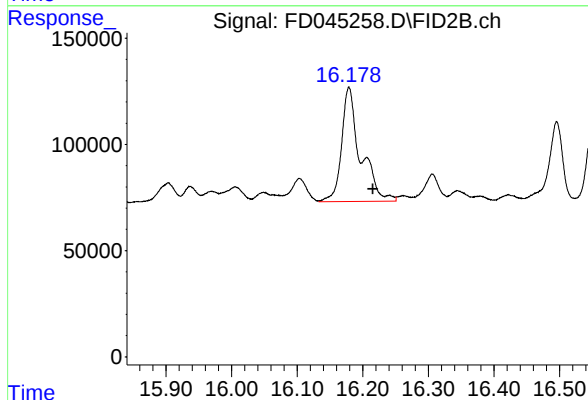
R.T.: 14.675 min
Delta R.T.: -0.007 min
Response: 645142
Conc: 4.95 ug/ml

Instrument :
FID_D
ClientSampleId :



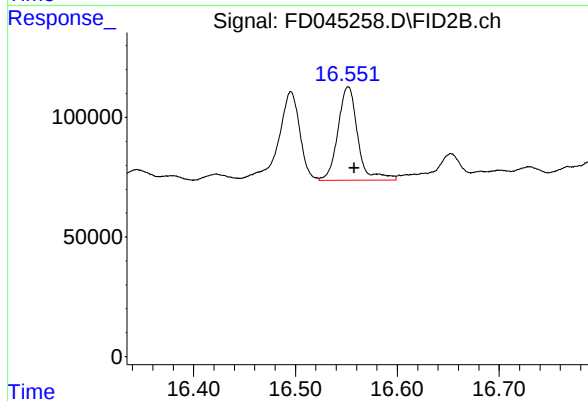
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.179 min
Delta R.T.: -0.004 min
Response: 1076669
Conc: 8.35 ug/ml



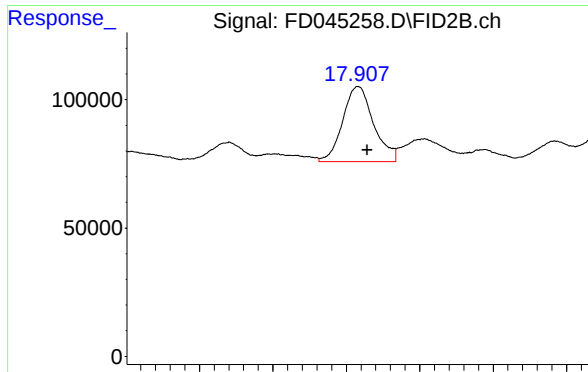
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.179 min
Delta R.T.: -0.037 min
Response: 1076669
Conc: 8.53 ug/ml



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

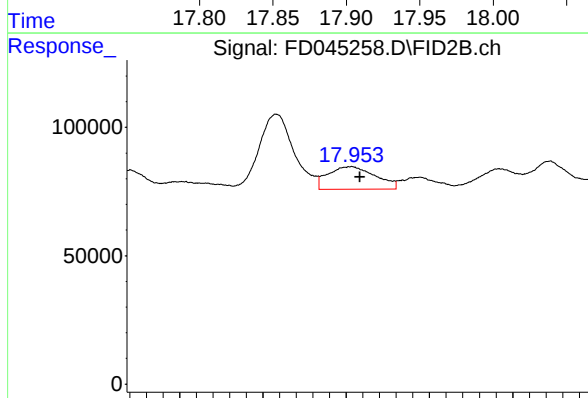
R.T.: 16.552 min
Delta R.T.: -0.006 min
Response: 526963
Conc: 4.19 ug/ml



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

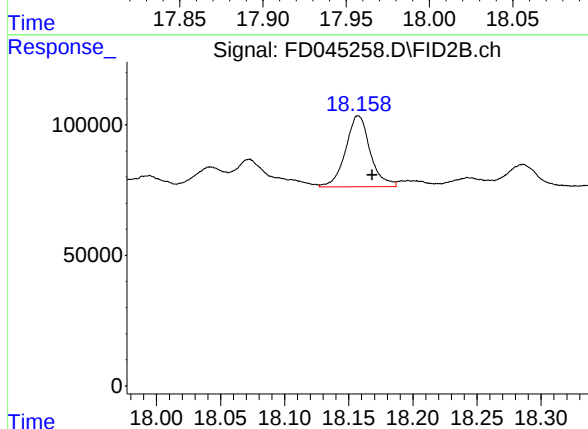
R.T.: 17.908 min
Delta R.T.: -0.006 min
Response: 427487
Conc: 3.57 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.952 min
Delta R.T.: -0.006 min
Response: 172949
Conc: 1.43 ug/ml



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

R.T.: 18.157 min
Delta R.T.: -0.011 min
Response: 363627
Conc: 2.92 ug/ml