

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046000.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 16:00
 Operator : YP/AJ
 Sample : 03361-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 16:40:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.522	9793762	45.447 ug/ml
Spiked Amount 50.000		Recovery =	90.89%
6) S 2-Fluorobiphenyl (SURR)	8.377	5946484	42.965 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.93%
11) S ortho-Terphenyl (SURR)	11.416	7111621	28.051 ug/ml
Spiked Amount 50.000		Recovery =	56.10%
Target Compounds			
9) T Phenanthrene (C19.36)	10.639	554885	2.601 ug/ml
10) T Anthracene (C19.43)	10.712	149957	0.944 ug/ml
12) T Fluoranthene (C21.85)	12.443	1017424	4.971 ug/ml
13) T Pyrene (C20.8)	12.737	950454	4.888 ug/ml
14) T Benzo[a]anthracene (C...	14.600	502043	2.792 ug/ml
15) T Chrysene (C27.41)	14.642	677582	3.452 ug/ml
16) T benzo[b]fluoranthene ...	16.145	731446	3.900 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	409575	2.071 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	482932	2.772 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	506117	2.720 ug/ml
20) T Dibenz[a,h]anthracene...	17.951	160623	0.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.124	284861	1.525 ug/ml

(f)=RT Delta > 1/2 Window

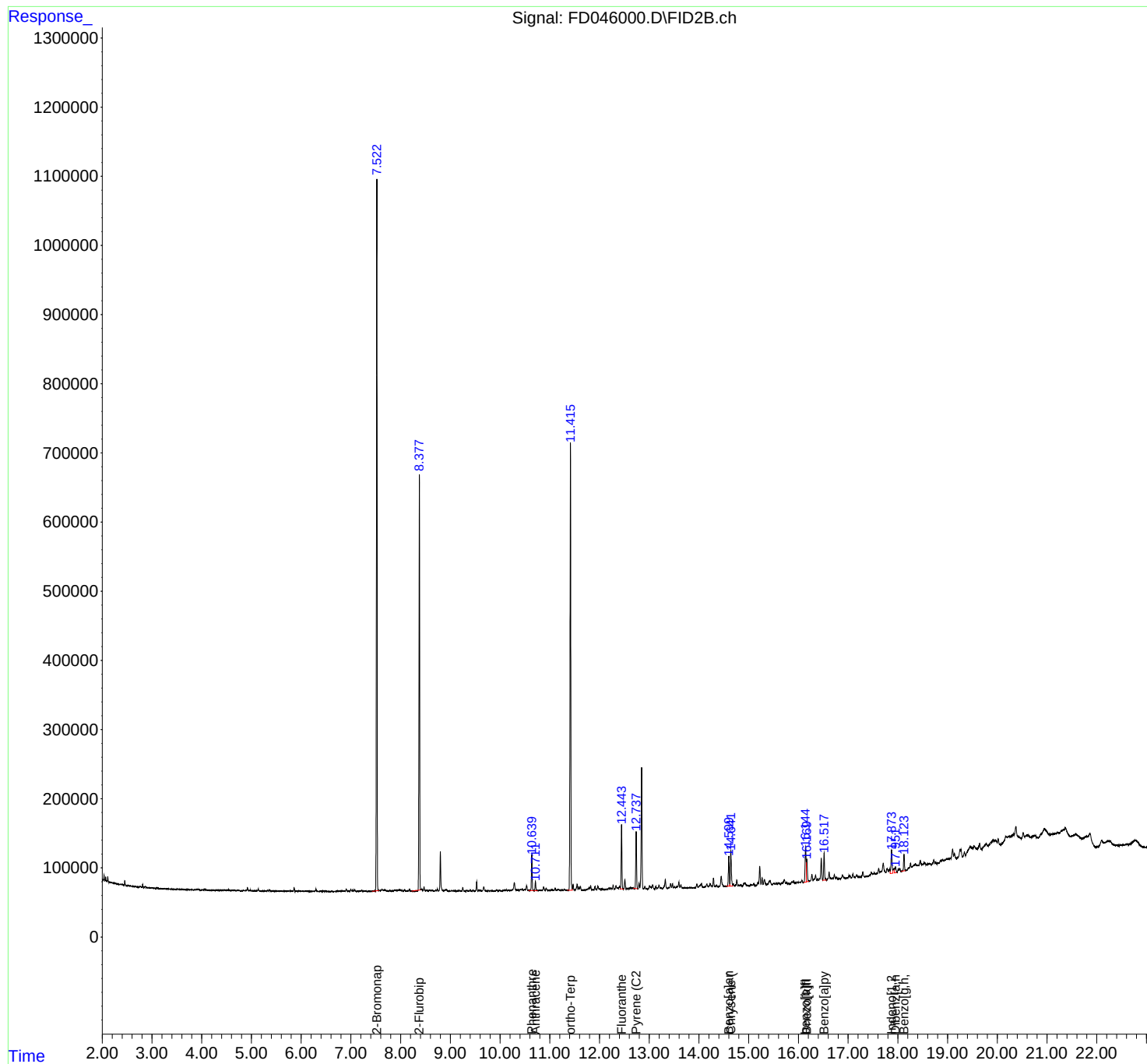
(m)=manual int.

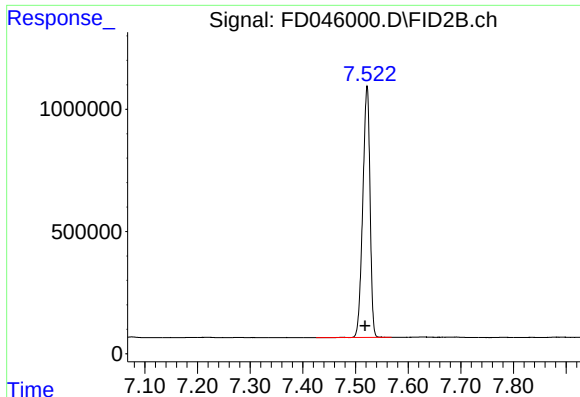
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Signal Info : 20M x 0.18mm x 0.18µm

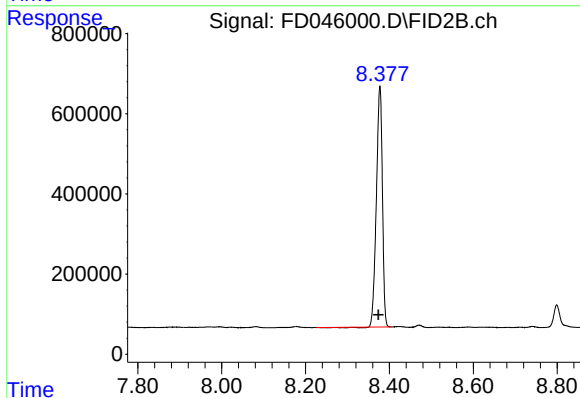




#4 2-Bromonaphthalene (SURRE)

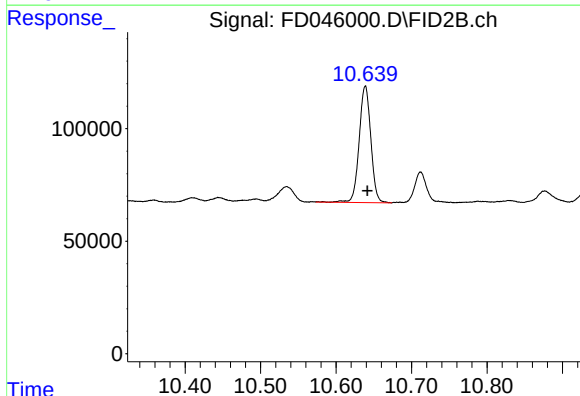
R.T.: 7.522 min
Delta R.T.: 0.003 min
Response: 9793762
Conc: 45.45 ug/ml

Instrument :
FID_D
ClientSampleId :



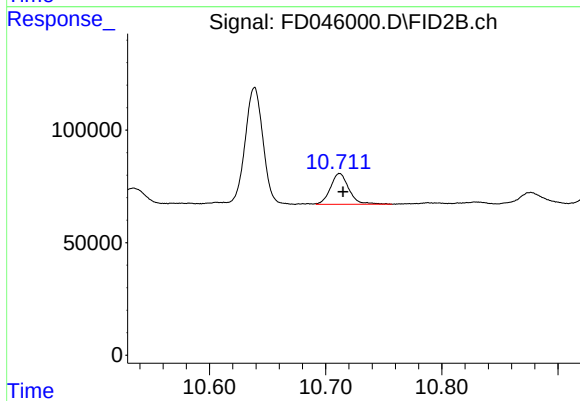
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.377 min
Delta R.T.: 0.004 min
Response: 5946484
Conc: 42.97 ug/ml



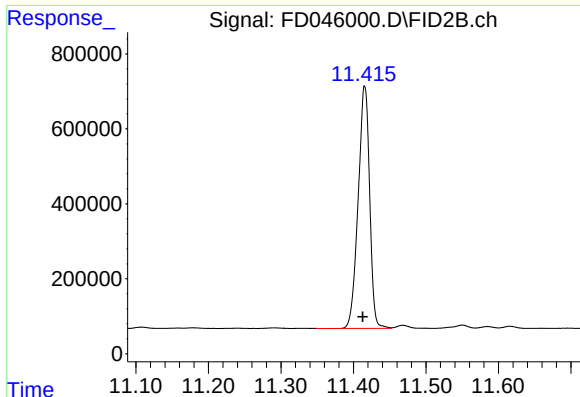
#9 Phenanthrene (C19.36)

R.T.: 10.639 min
Delta R.T.: -0.003 min
Response: 554885
Conc: 2.60 ug/ml



#10 Anthracene (C19.43)

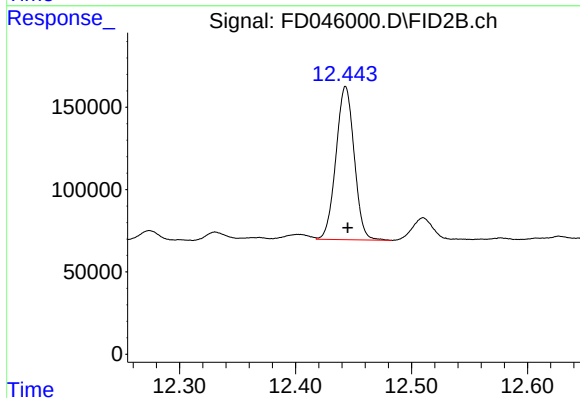
R.T.: 10.712 min
Delta R.T.: -0.003 min
Response: 149957
Conc: 0.94 ug/ml



#11 ortho-Terphenyl (SURR)

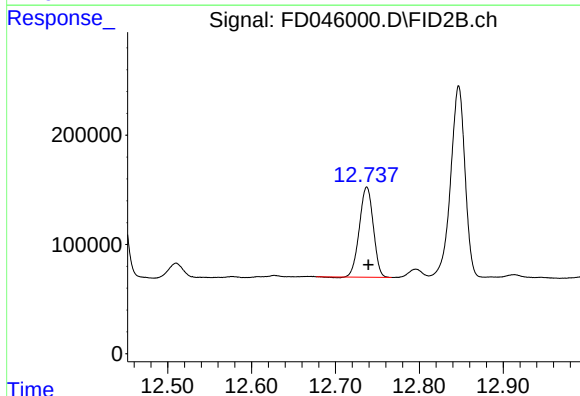
R.T.: 11.416 min
Delta R.T.: 0.003 min
Response: 7111621
Conc: 28.05 ug/ml

Instrument :
FID_D
ClientSampleId :



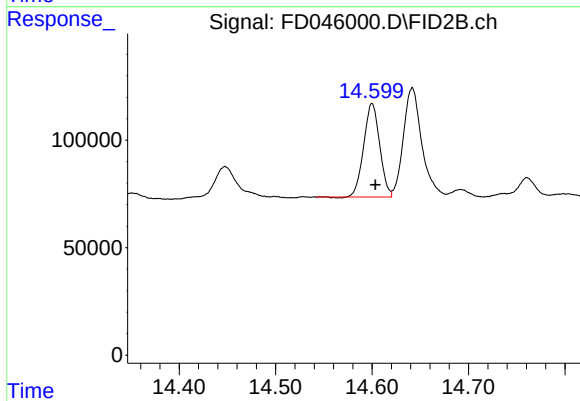
#12 Fluoranthene (C21.85)

R.T.: 12.443 min
Delta R.T.: -0.002 min
Response: 1017424
Conc: 4.97 ug/ml



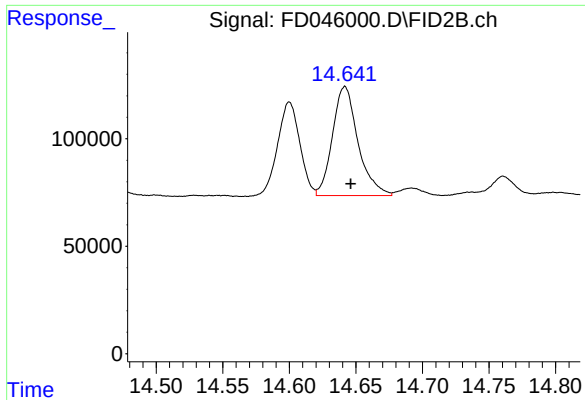
#13 Pyrene (C20.8)

R.T.: 12.737 min
Delta R.T.: -0.002 min
Response: 950454
Conc: 4.89 ug/ml



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

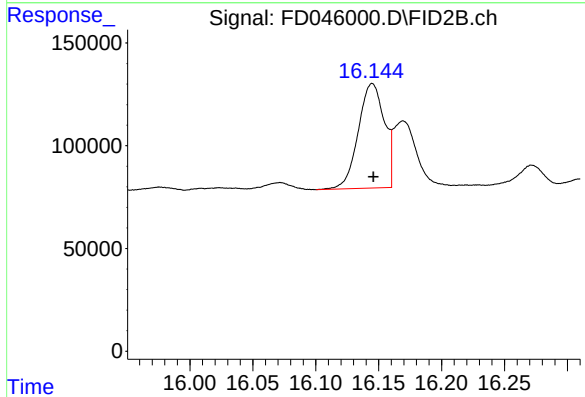
R.T.: 14.600 min
Delta R.T.: -0.003 min
Response: 502043
Conc: 2.79 ug/ml



#15 Chrysene (C27.41)

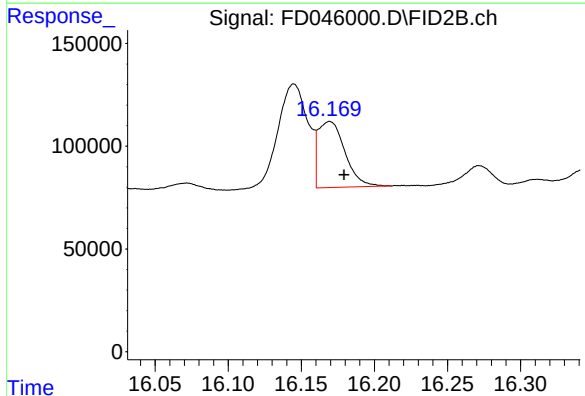
R.T.: 14.642 min
Delta R.T.: -0.004 min
Response: 677582
Conc: 3.45 ug/ml

Instrument :
FID_D
ClientSampleId :



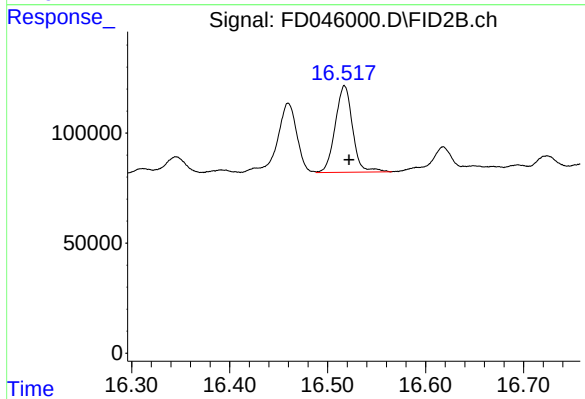
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 731446
Conc: 3.90 ug/ml



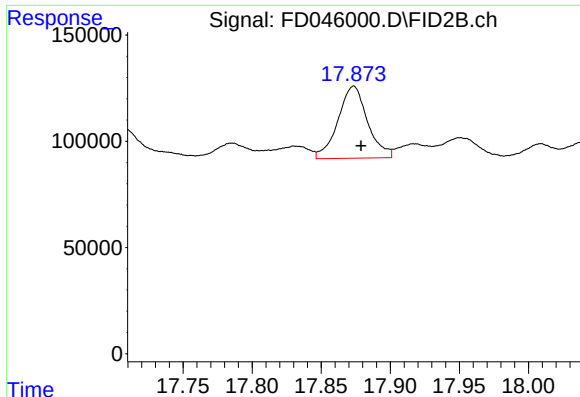
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.169 min
Delta R.T.: -0.010 min
Response: 409575
Conc: 2.07 ug/ml



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

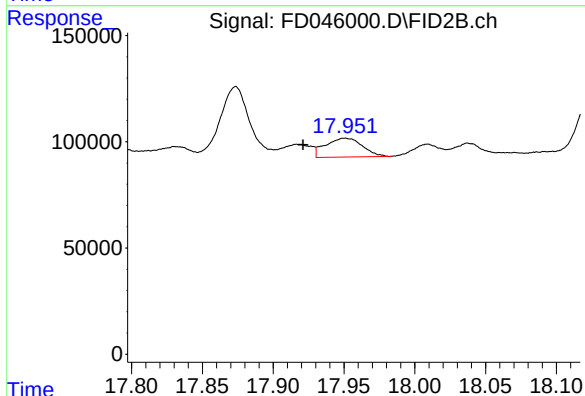
R.T.: 16.517 min
Delta R.T.: -0.005 min
Response: 482932
Conc: 2.77 ug/ml



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

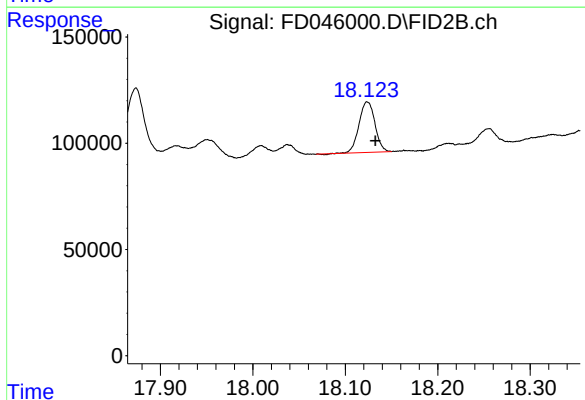
R.T.: 17.873 min
Delta R.T.: -0.005 min
Response: 506117
Conc: 2.72 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.951 min
Delta R.T.: 0.030 min
Response: 160623
Conc: 0.87 ug/ml



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

R.T.: 18.124 min
Delta R.T.: -0.009 min
Response: 284861
Conc: 1.52 ug/ml