

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045981.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 02:56
 Operator : YP/AJ
 Sample : 03357-27
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 06:37:05 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	12259635	56.890 ug/ml
Spiked Amount 50.000		Recovery =	113.78%
6) S 2-Fluorobiphenyl (SURR)	8.377	7302982	52.766 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.53%
11) S ortho-Terphenyl (SURR)	11.418	11947301	47.125 ug/ml
Spiked Amount 50.000		Recovery =	94.25%
Target Compounds			
7) T Acenaphthene (C15.5)	8.434	1475417	6.259 ug/ml
12) T Fluoranthene (C21.85)	12.444	272656	1.332 ug/ml
13) T Pyrene (C20.8)	12.737	752039	3.868 ug/ml
14) T Benzo[a]anthracene (C...	14.590	9491418	52.775 ug/ml
15) T Chrysene (C27.41)	14.660	8380443	42.698 ug/ml
16) T benzo[b]fluoranthene ...	16.152	8759841	46.705 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	8759841	44.285 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.534	11767351	67.539 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.887	5397669	29.003 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	5397669	29.359 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	4515546	24.166 ug/ml

(f)=RT Delta > 1/2 Window

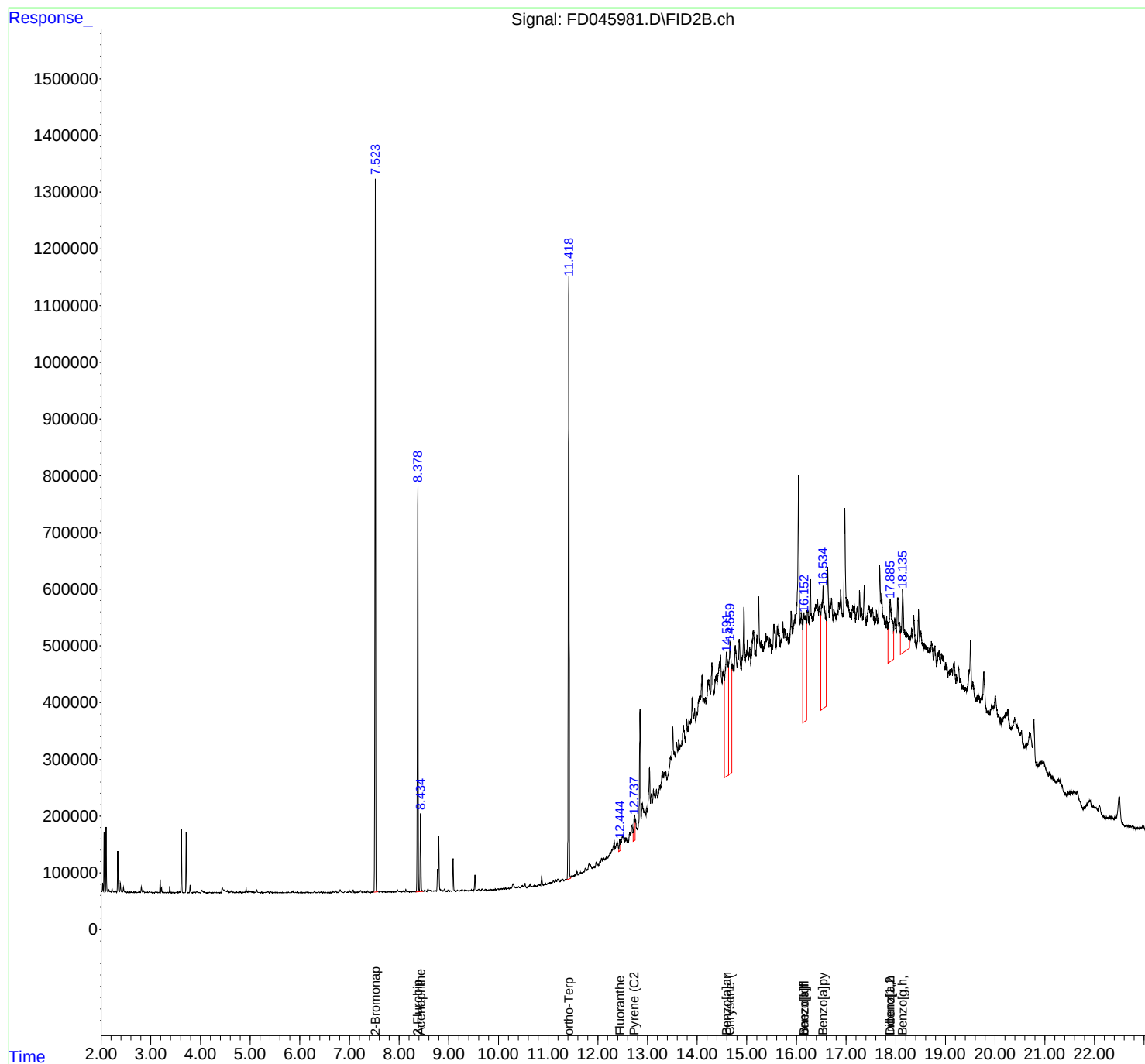
(m)=manual int.

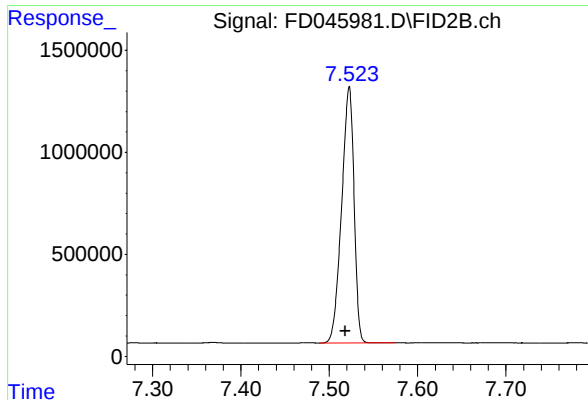
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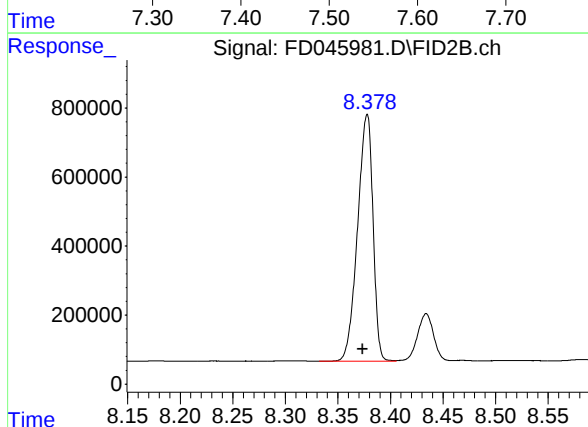




#4 2-Bromonaphthalene (SURR)

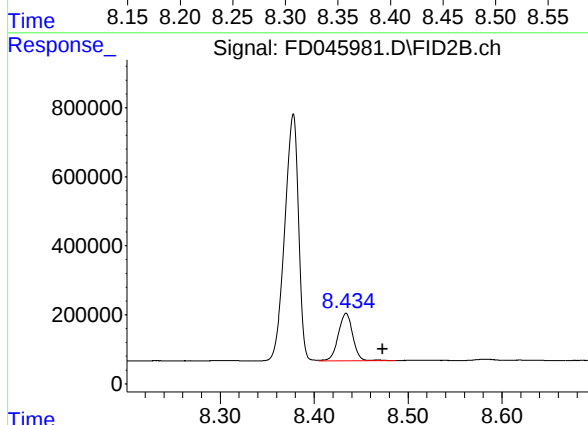
R.T.: 7.522 min
Delta R.T.: 0.004 min
Response: 12259635
Conc: 56.89 ug/ml

Instrument :
FID_D
ClientSampleId :



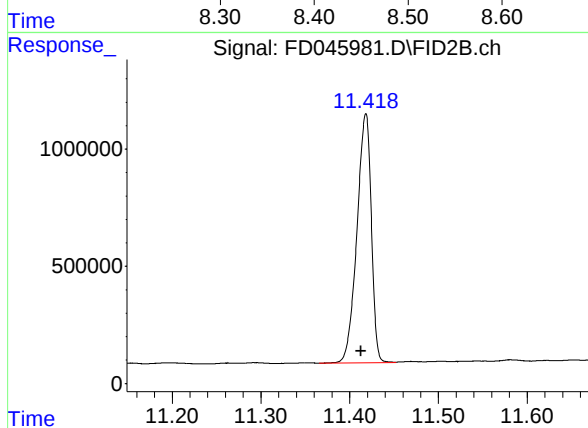
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: 0.004 min
Response: 7302982
Conc: 52.77 ug/ml



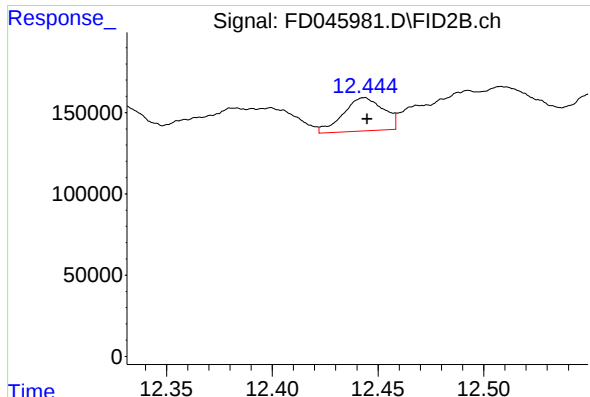
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: -0.039 min
Response: 1475417
Conc: 6.26 ug/ml



#11 ortho-Terphenyl (SURR)

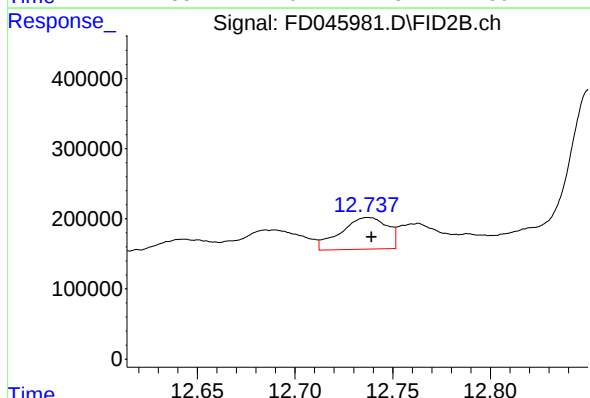
R.T.: 11.418 min
Delta R.T.: 0.005 min
Response: 11947301
Conc: 47.13 ug/ml



#12 Fluoranthene (C21.85)

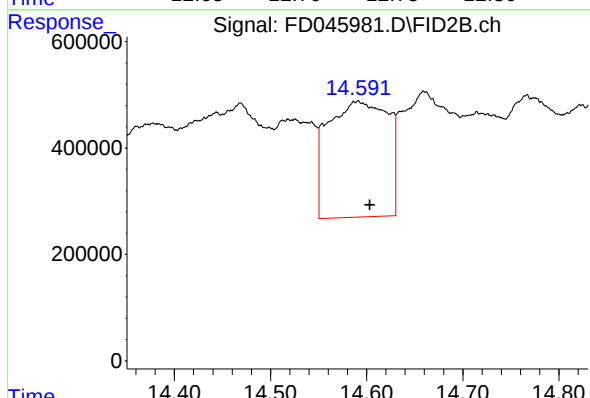
R.T.: 12.444 min
Delta R.T.: -0.001 min
Response: 272656
Conc: 1.33 ug/ml

Instrument :
FID_D
ClientSampleId :



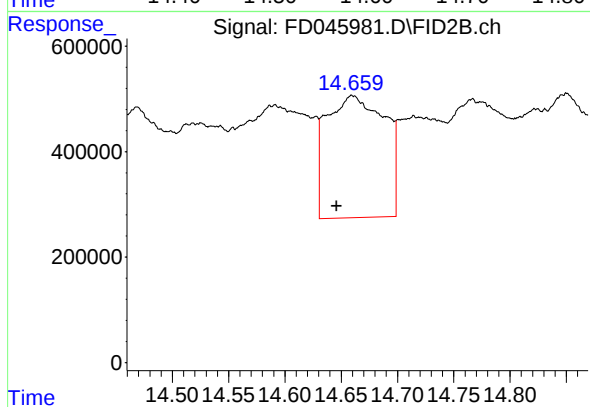
#13 Pyrene (C20.8)

R.T.: 12.737 min
Delta R.T.: -0.002 min
Response: 752039
Conc: 3.87 ug/ml



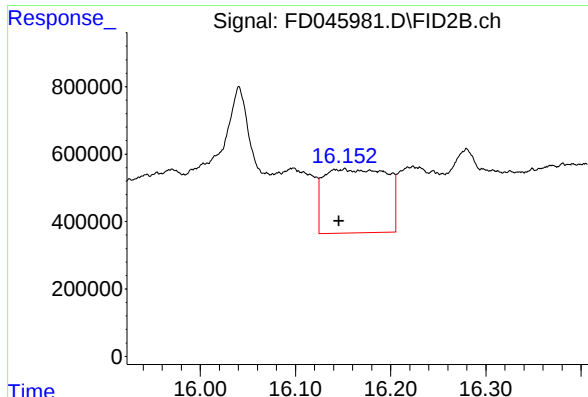
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.590 min
Delta R.T.: -0.013 min
Response: 9491418
Conc: 52.78 ug/ml



#15 Chrysene (C27.41)

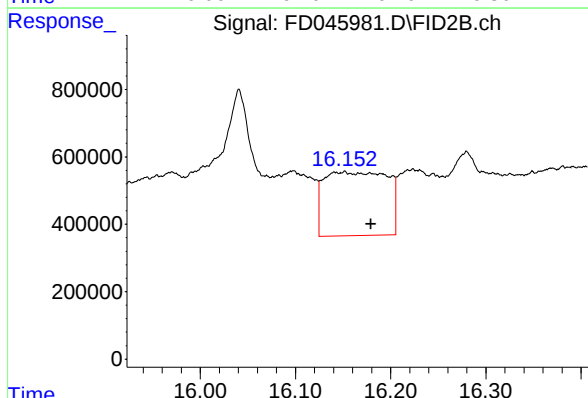
R.T.: 14.660 min
Delta R.T.: 0.014 min
Response: 8380443
Conc: 42.70 ug/ml



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

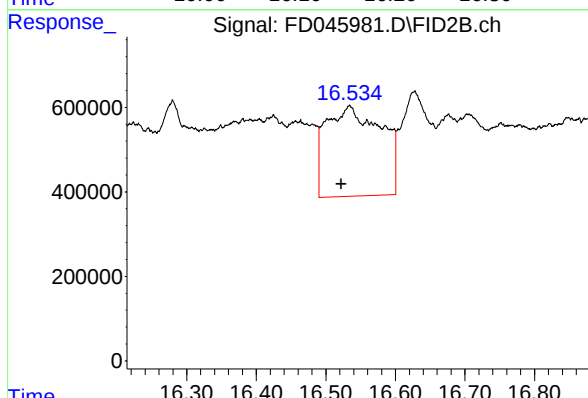
R.T.: 16.152 min
Delta R.T.: 0.006 min
Response: 8759841
Conc: 46.71 ug/ml

Instrument :
FID_D
ClientSampleId :



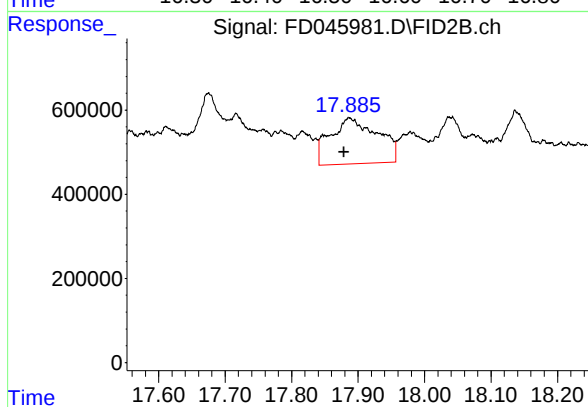
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.152 min
Delta R.T.: -0.028 min
Response: 8759841
Conc: 44.28 ug/ml



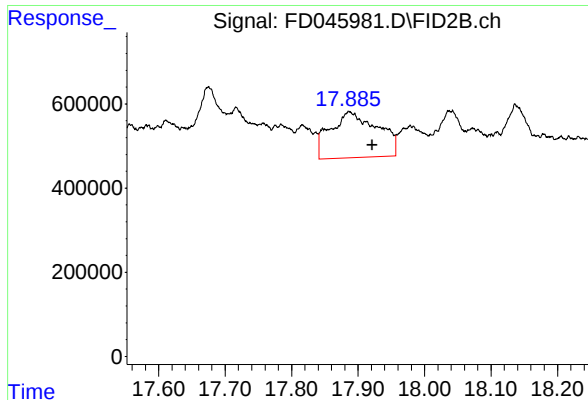
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.534 min
Delta R.T.: 0.012 min
Response: 11767351
Conc: 67.54 ug/ml



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

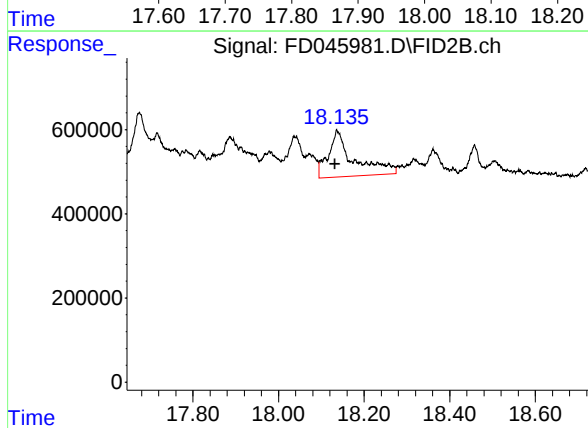
R.T.: 17.887 min
Delta R.T.: 0.008 min
Response: 5397669
Conc: 29.00 ug/ml



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

R.T.: 17.887 min
Delta R.T.: -0.034 min
Response: 5397669
Conc: 29.36 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.138 min
Delta R.T.: 0.005 min
Response: 4515546
Conc: 24.17 ug/ml