

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044970.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2023 23:04
 Operator : YP/AJ
 Sample : 01416-01D
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 08 04:08:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	5558771	37.902 ug/ml
Spiked Amount 50.000		Recovery =	75.80%
6) S 2-Fluorobiphenyl (SURR)	8.412	3631529	36.383 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.77%
11) S ortho-Terphenyl (SURR)	11.454	5618906	30.232 ug/ml
Spiked Amount 50.000		Recovery =	60.46%
Target Compounds			
2) T Naphthalene (C11.7)	5.896	39220	0.231 ug/ml
5) T Acenaphthylene (C15.06)	8.214	60157	0.383 ug/ml
9) T Phenanthrene (C19.36)	10.678	98740	0.611 ug/ml
12) T Fluoranthene (C21.85)	12.482	280740	1.754 ug/ml
13) T Pyrene (C20.8)	12.776	236568	1.508 ug/ml
14) T Benzo[a]anthracene (C...	14.640	141478	0.991 ug/ml
15) T Chrysene (C27.41)	14.681	210367	1.421 ug/ml
16) T benzo[b]fluoranthene ...	16.183	289281	1.994 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	104551	0.733 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	148962	1.066 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	160127	1.190 ug/ml
20) T Dibenz[a,h]anthracene...	17.991	79962	0.603 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	111248	0.818 ug/ml

(f)=RT Delta > 1/2 Window

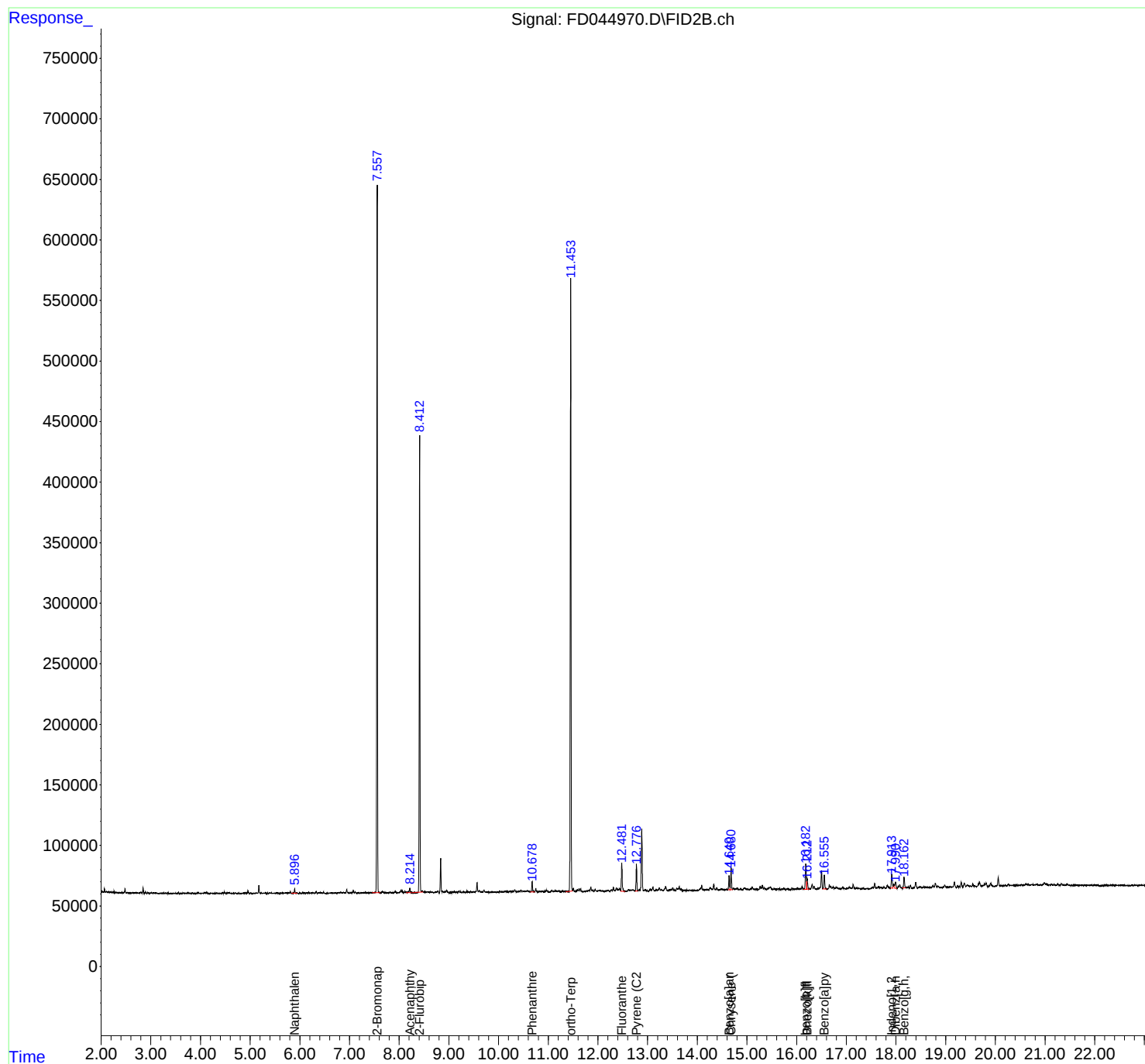
(m)=manual int.

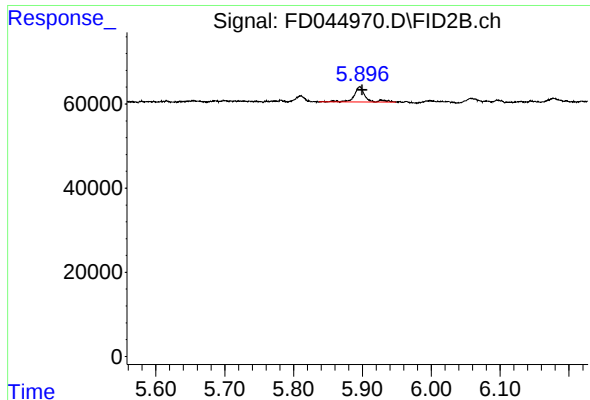
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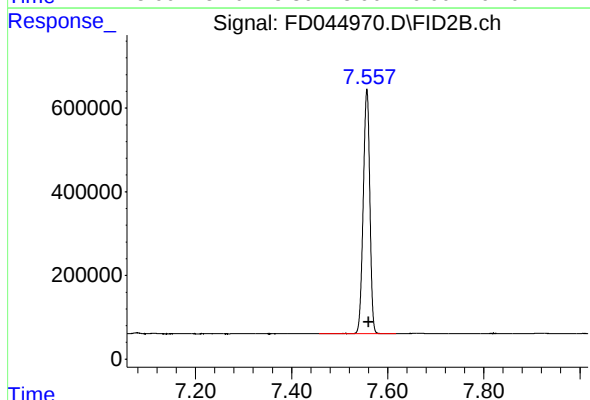




#2 Naphthalene (C11.7)

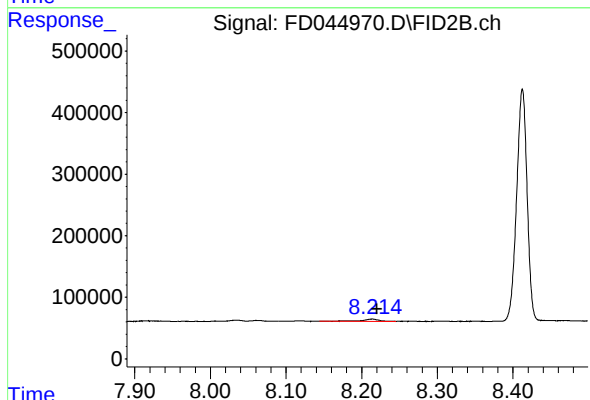
R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 39220
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



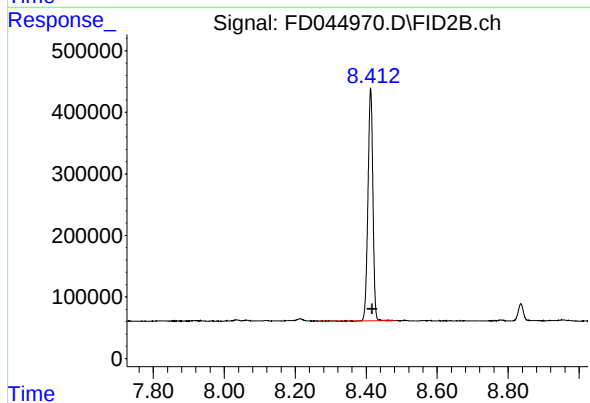
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 5558771
Conc: 37.90 ug/ml



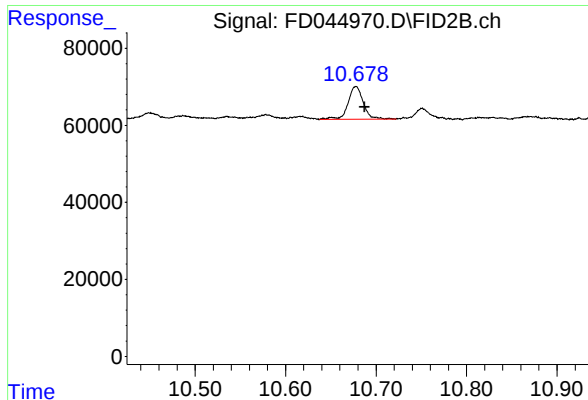
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: -0.007 min
Response: 60157
Conc: 0.38 ug/ml



#6 2-Fluorobiphenyl (SURR)

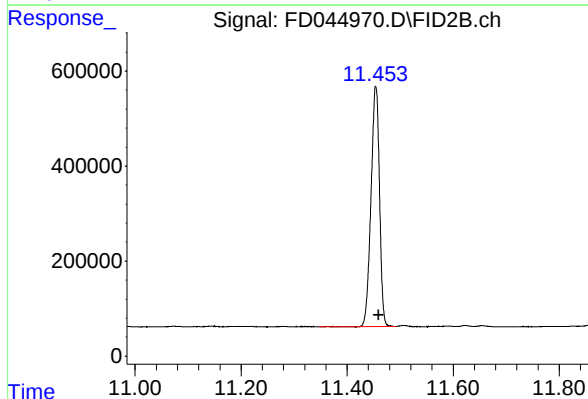
R.T.: 8.412 min
Delta R.T.: -0.004 min
Response: 3631529
Conc: 36.38 ug/ml



#9 Phenanthrene (C19.36)

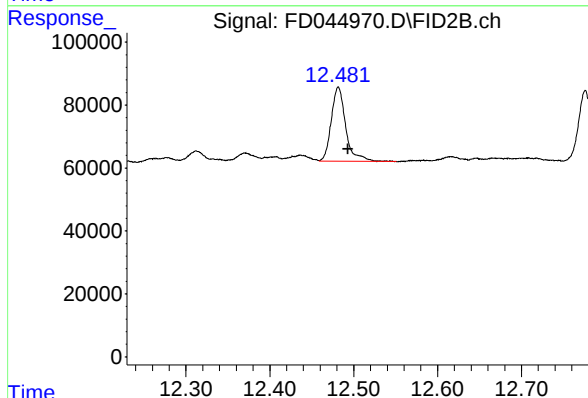
R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 98740
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :



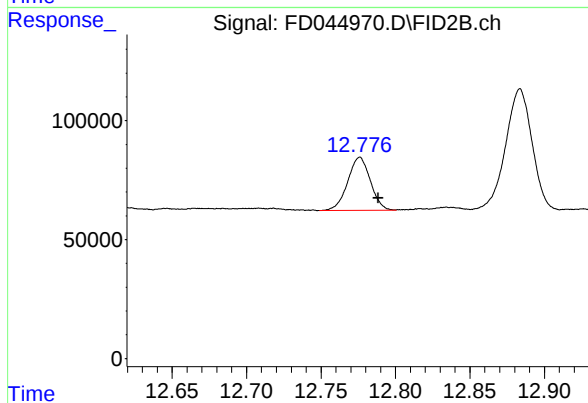
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5618906
Conc: 30.23 ug/ml



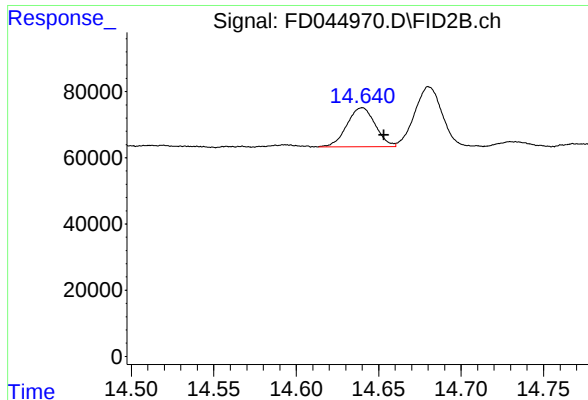
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.012 min
Response: 280740
Conc: 1.75 ug/ml



#13 Pyrene (C20.8)

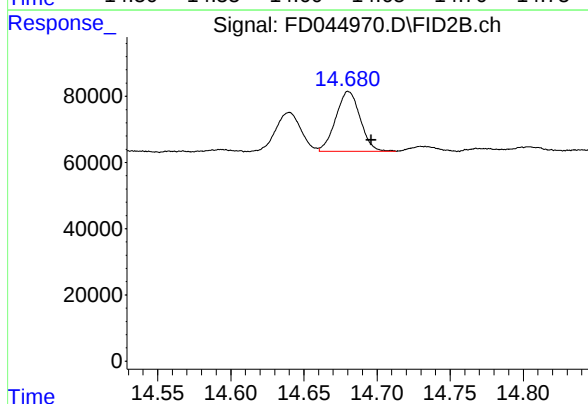
R.T.: 12.776 min
Delta R.T.: -0.013 min
Response: 236568
Conc: 1.51 ug/ml



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

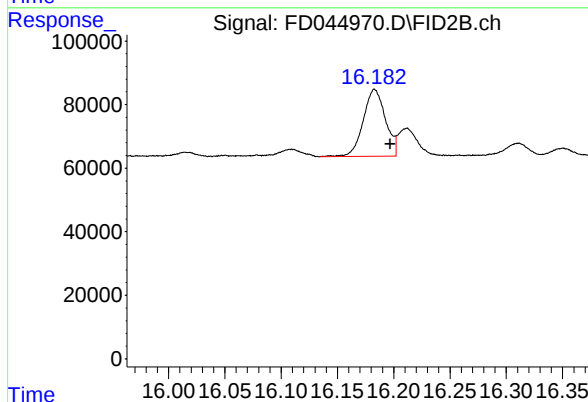
R.T.: 14.640 min
Delta R.T.: -0.014 min
Response: 141478
Conc: 0.99 ug/ml

Instrument :
FID_D
ClientSampleId :



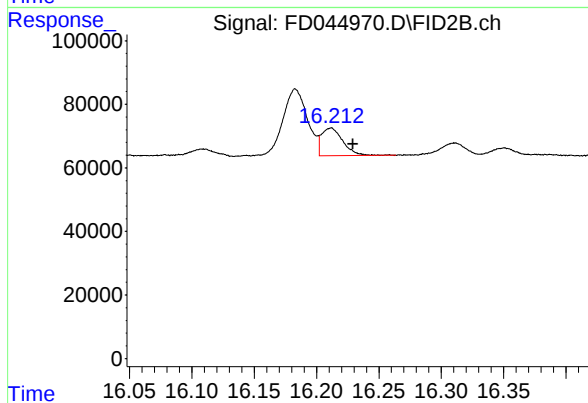
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: -0.016 min
Response: 210367
Conc: 1.42 ug/ml



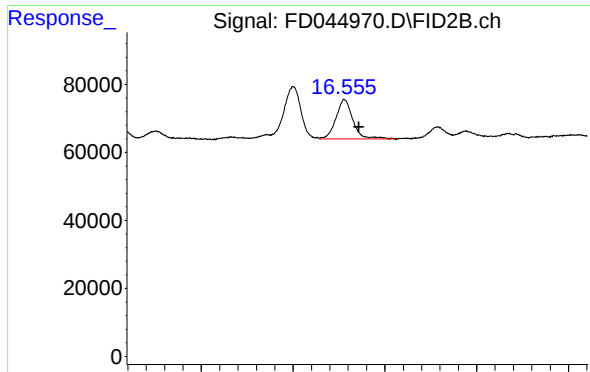
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 289281
Conc: 1.99 ug/ml



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

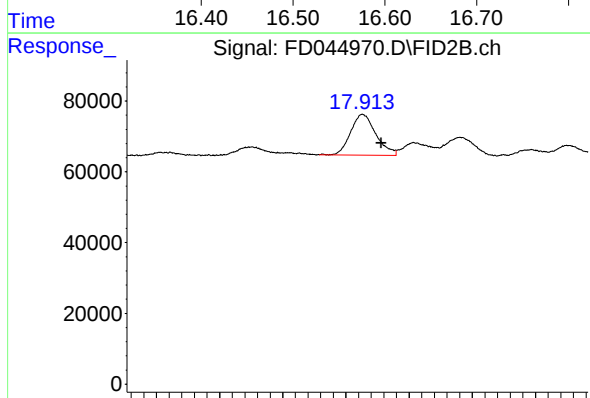
R.T.: 16.211 min
Delta R.T.: -0.018 min
Response: 104551
Conc: 0.73 ug/ml



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

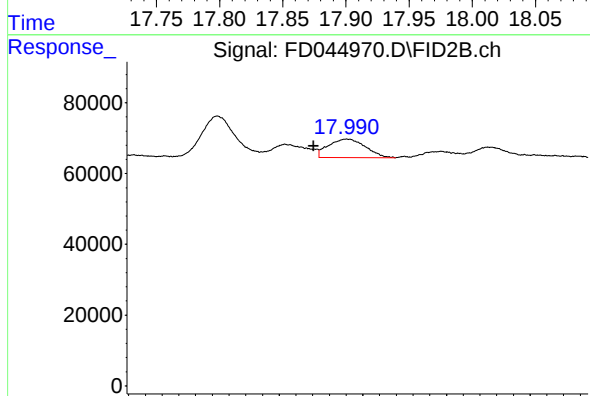
R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 148962
Conc: 1.07 ug/ml

Instrument :
FID_D
ClientSampleId :



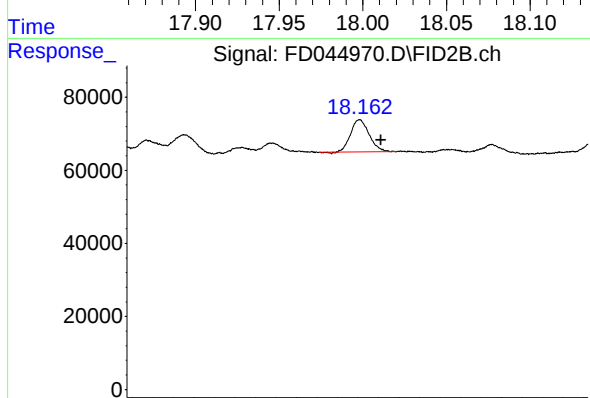
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: -0.015 min
Response: 160127
Conc: 1.19 ug/ml



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

R.T.: 17.991 min
Delta R.T.: 0.020 min
Response: 79962
Conc: 0.60 ug/ml



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

R.T.: 18.161 min
Delta R.T.: -0.021 min
Response: 111248
Conc: 0.82 ug/ml