

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020923AR\
 Data File : FD044996.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2023 13:42
 Operator : YP/AJ
 Sample : 01462-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 14:12:09 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...	7.555	7172071	48.902 ug/ml
Spiked Amount 50.000		Recovery =	97.80%
6) S 2-Fluorobiphenyl (SURR)	8.411	4742363	47.513 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.03%
11) S ortho-Terphenyl (SURR)	11.452	7459236	40.134 ug/ml
Spiked Amount 50.000		Recovery =	80.27%
Target Compounds			
9) T Phenanthrene (C19.36)	10.676	87286	0.540 ug/ml
12) T Fluoranthene (C21.85)	12.478	211190	1.320 ug/ml
13) T Pyrene (C20.8)	12.773	196089	1.250 ug/ml
14) T Benzo[a]anthracene (C...	14.637	105997	0.743 ug/ml
15) T Chrysene (C27.41)	14.678	123195	0.832 ug/ml
16) T benzo[b]fluoranthene ...	16.208	65126	0.449 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	65126	0.457 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	115716	0.828 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	141283	1.050 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	37148	0.280 ug/ml
21) T Benzo[g,h,i]perylene ...	18.160	68749	0.506 ug/ml

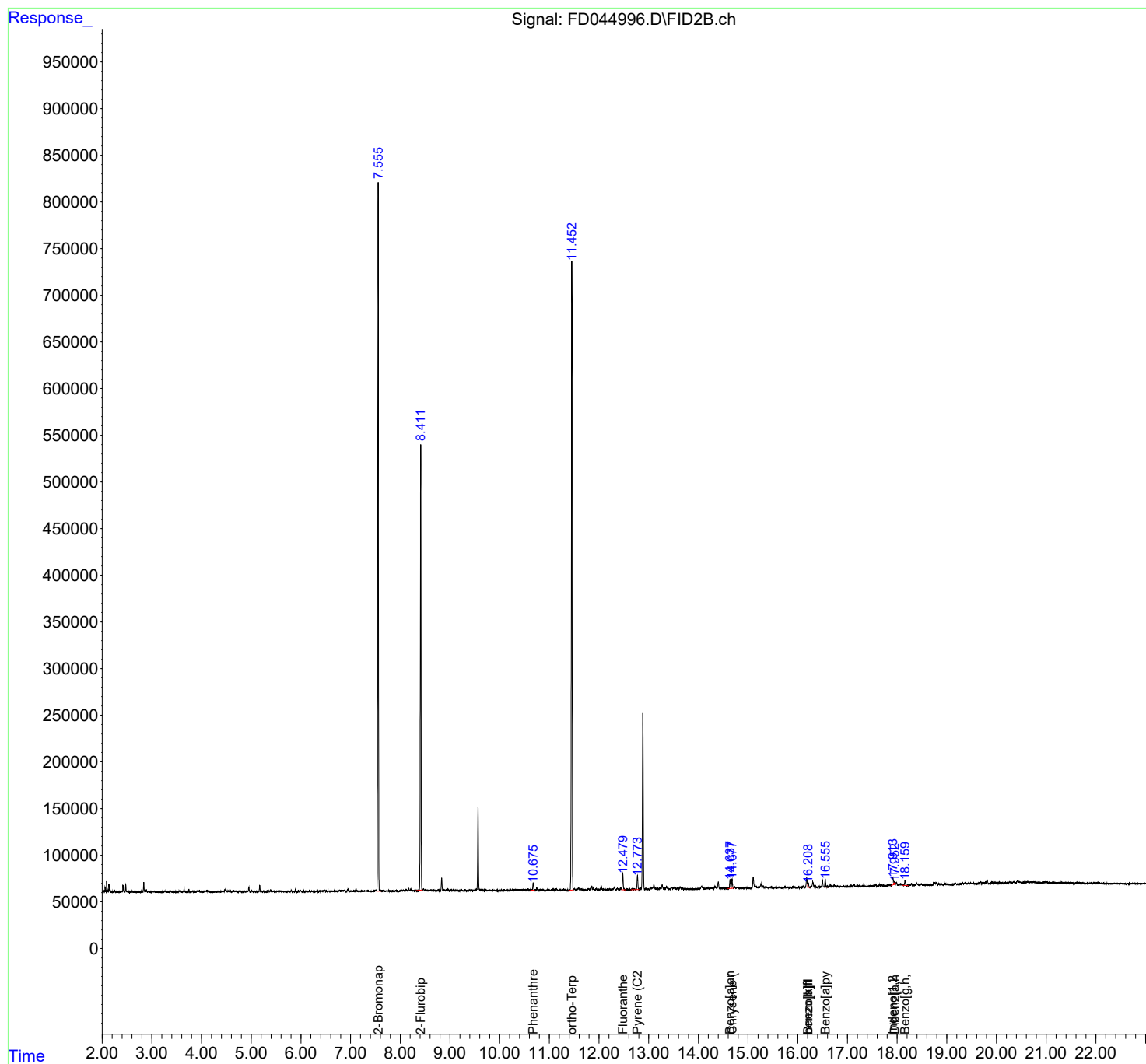
(f)=RT Delta > 1/2 Window

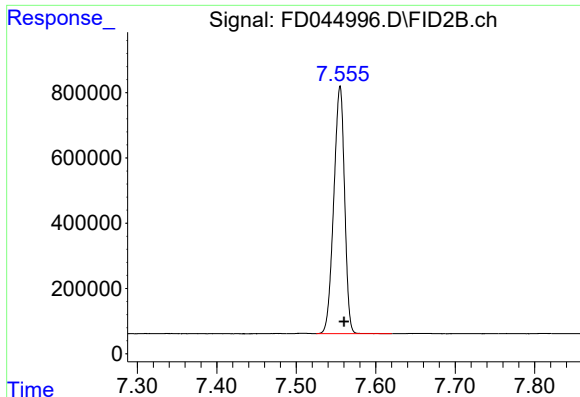
(m)=manual int.

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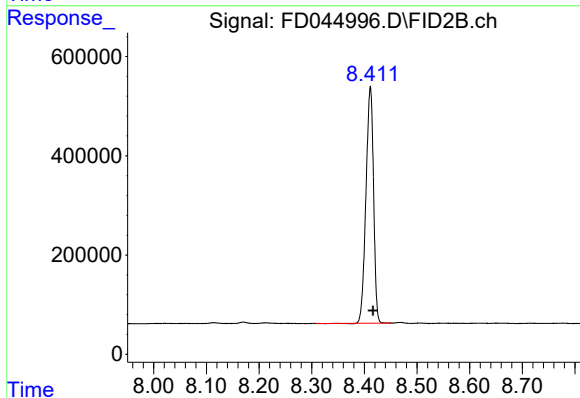
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





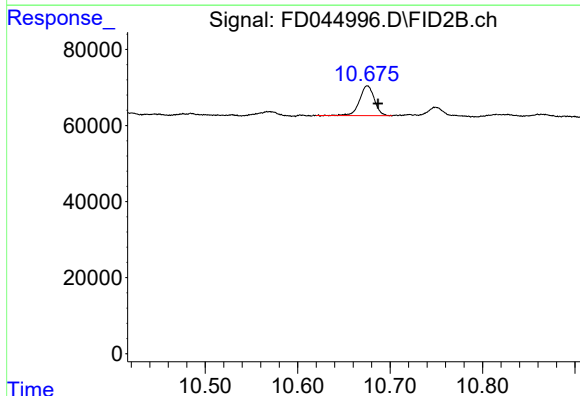
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 7172071
Conc: 48.90 ug/ml



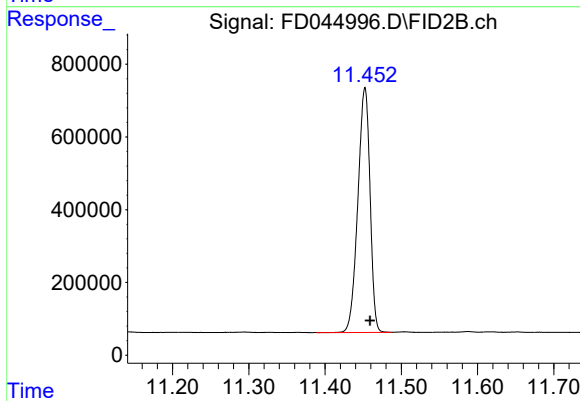
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.411 min
Delta R.T.: -0.005 min
Response: 4742363
Conc: 47.51 ug/ml



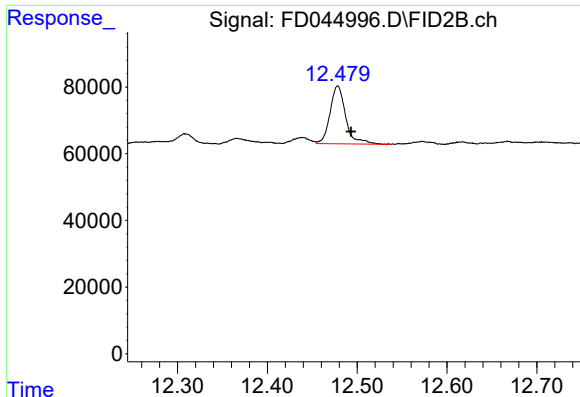
#9 Phenanthrene (C19.36)

R.T.: 10.676 min
Delta R.T.: -0.012 min
Response: 87286
Conc: 0.54 ug/ml



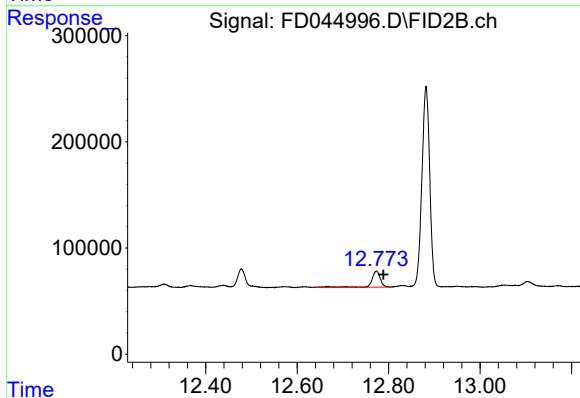
#11 ortho-Terphenyl (SURRE)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 7459236
Conc: 40.13 ug/ml



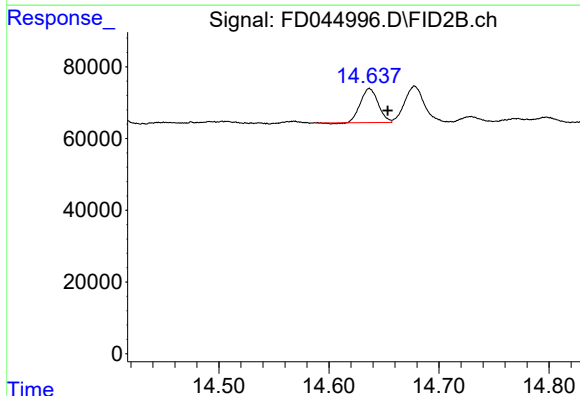
#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: -0.015 min
Response: 211190
Conc: 1.32 ug/ml



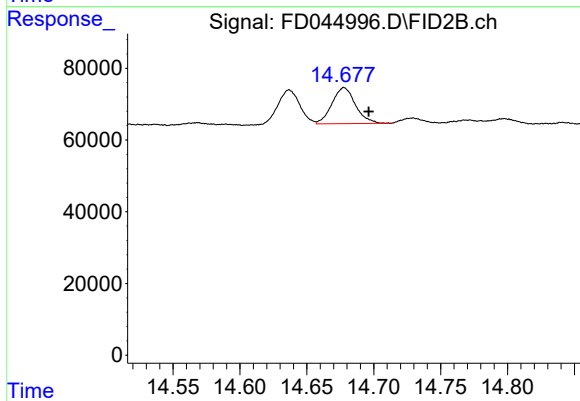
#13 Pyrene (C20.8)

R.T.: 12.773 min
Delta R.T.: -0.015 min
Response: 196089
Conc: 1.25 ug/ml



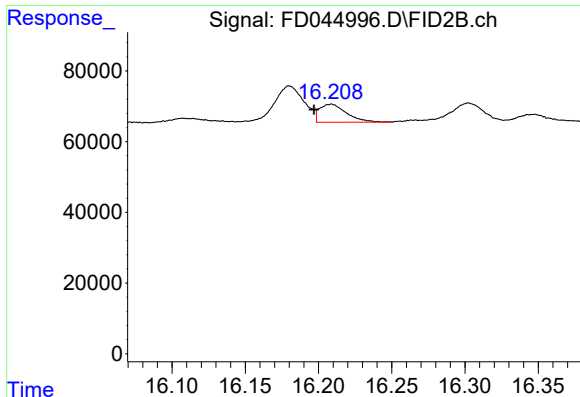
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.016 min
Response: 105997
Conc: 0.74 ug/ml



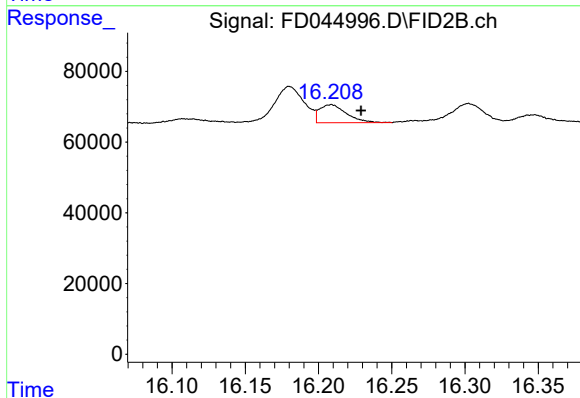
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: -0.018 min
Response: 123195
Conc: 0.83 ug/ml



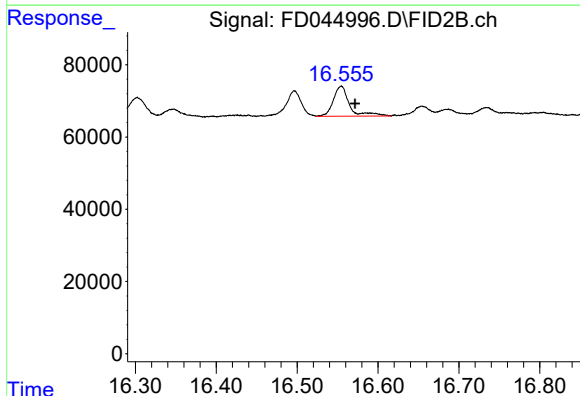
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.208 min
Delta R.T.: 0.011 min
Response: 65126
Conc: 0.45 ug/ml



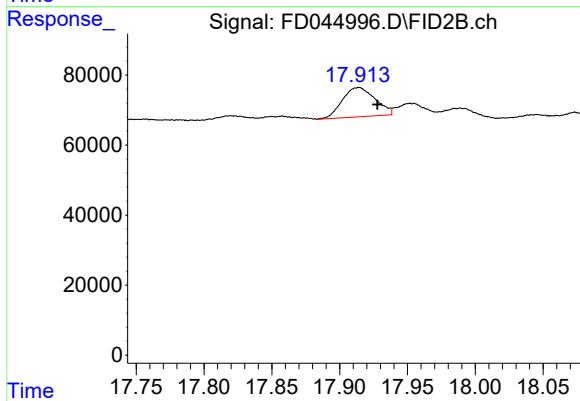
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.208 min
Delta R.T.: -0.021 min
Response: 65126
Conc: 0.46 ug/ml



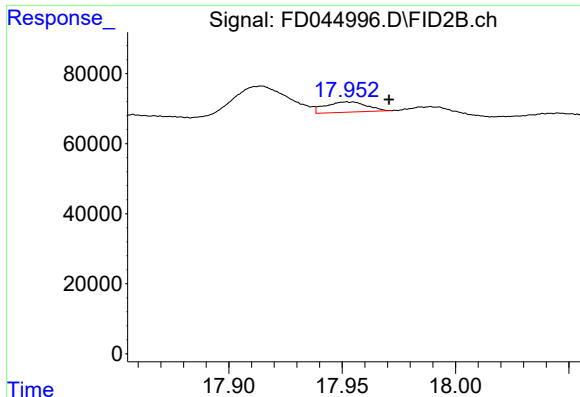
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: -0.018 min
Response: 115716
Conc: 0.83 ug/ml



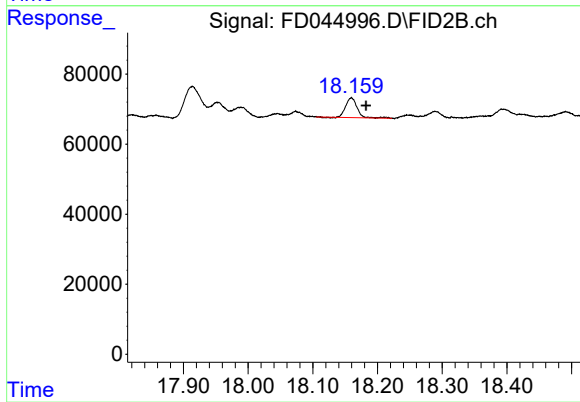
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: -0.014 min
Response: 141283
Conc: 1.05 ug/ml



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

R.T.: 17.953 min
Delta R.T.: -0.018 min
Response: 37148
Conc: 0.28 ug/ml



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

R.T.: 18.160 min
Delta R.T.: -0.023 min
Response: 68749
Conc: 0.51 ug/ml