

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021623AR\
 Data File : FD045049.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 14:14
 Operator : YP/AJ
 Sample : 01539-04
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 01:43:36 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	7436852	50.708 ug/ml
Spiked Amount 50.000		Recovery =	101.42%
6) S 2-Fluorobiphenyl (SURR)	8.413	4953526	49.628 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.26%
11) S ortho-Terphenyl (SURR)	11.453	6852320	36.868 ug/ml
Spiked Amount 50.000		Recovery =	73.74%
Target Compounds			
9) T Phenanthrene (C19.36)	10.677	67708	0.419 ug/ml
12) T Fluoranthene (C21.85)	12.481	185428	1.159 ug/ml
13) T Pyrene (C20.8)	12.776	118068	0.752 ug/ml
14) T Benzo[a]anthracene (C...	14.640	75164	0.527 ug/ml
15) T Chrysene (C27.41)	14.681	84198	0.569 ug/ml
16) T benzo[b]fluoranthene ...	16.183	62645	0.432 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	62645	0.439 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	75751	0.542 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	63341	0.471 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	63341	0.478 ug/ml
21) T Benzo[g,h,i]perylene ...	18.164	43356	0.319 ug/ml

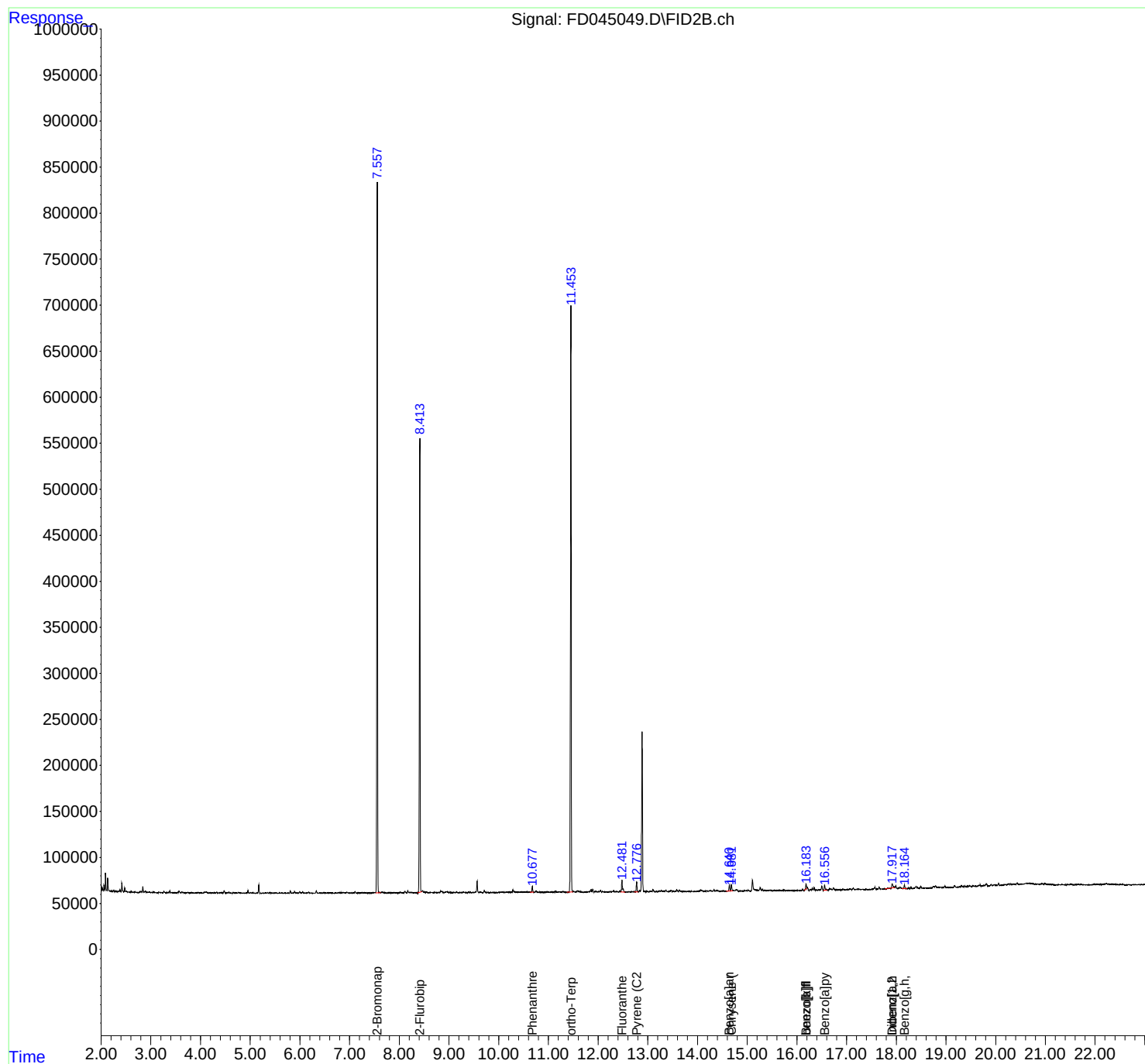
(f)=RT Delta > 1/2 Window

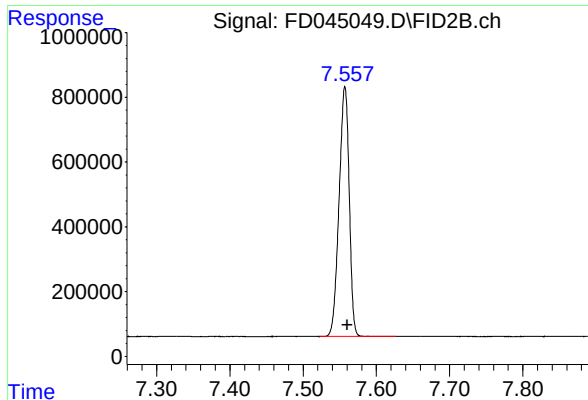
(m)=manual int.

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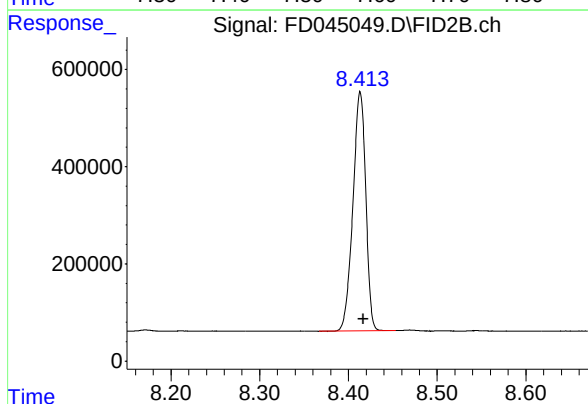
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





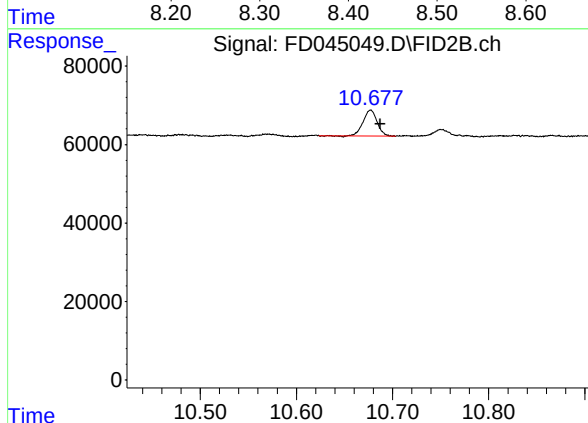
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 7436852
Conc: 50.71 ug/ml



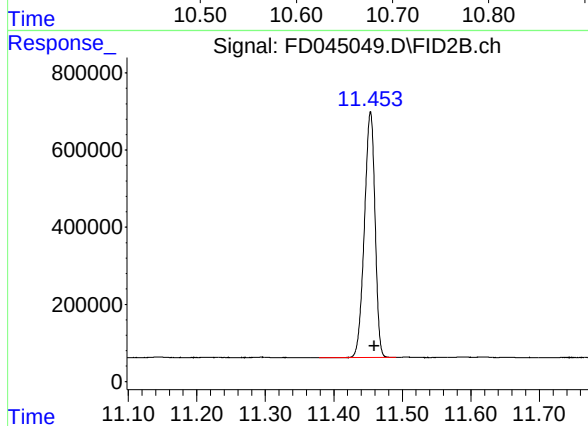
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.413 min
Delta R.T.: -0.003 min
Response: 4953526
Conc: 49.63 ug/ml



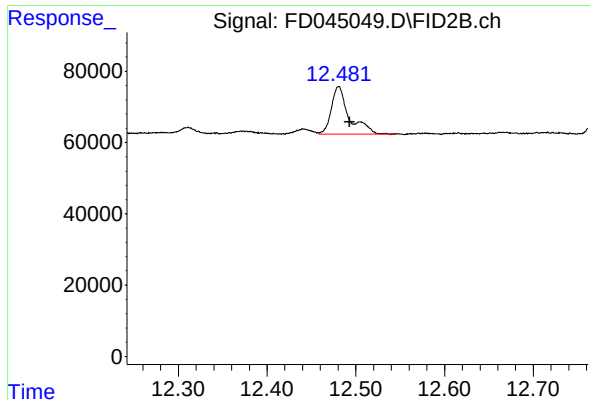
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.010 min
Response: 67708
Conc: 0.42 ug/ml



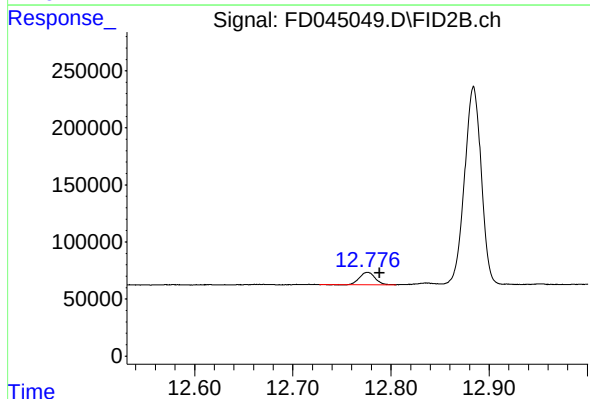
#11 ortho-Terphenyl (SURRE)

R.T.: 11.453 min
Delta R.T.: -0.006 min
Response: 6852320
Conc: 36.87 ug/ml



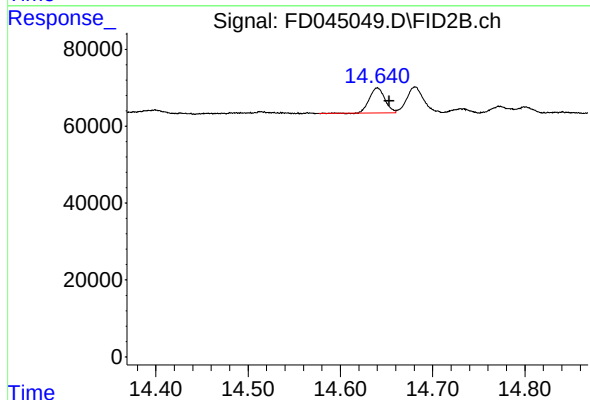
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: -0.013 min
Response: 185428
Conc: 1.16 ug/ml



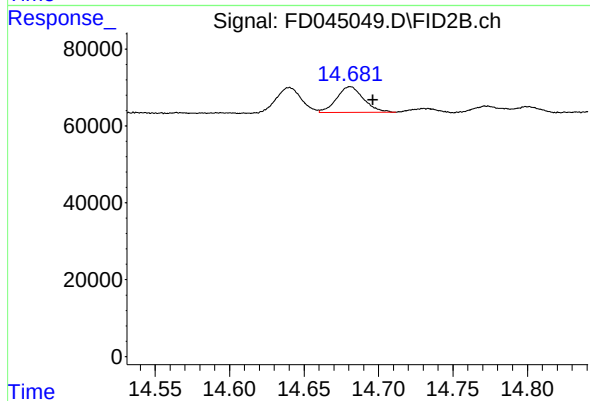
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.012 min
Response: 118068
Conc: 0.75 ug/ml



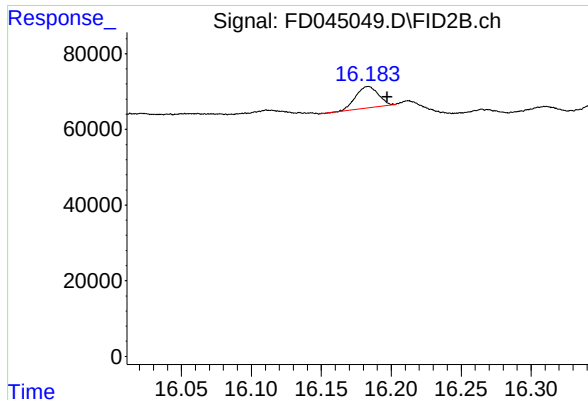
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.013 min
Response: 75164
Conc: 0.53 ug/ml



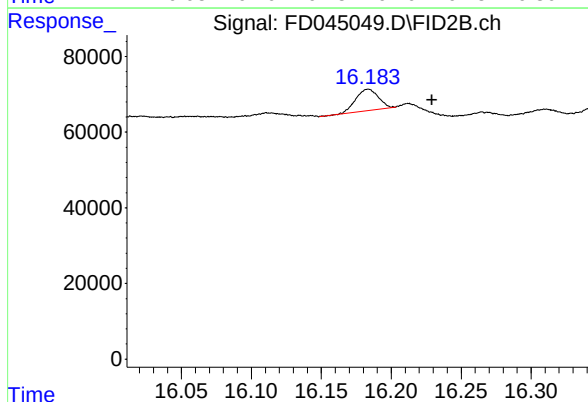
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: -0.015 min
Response: 84198
Conc: 0.57 ug/ml



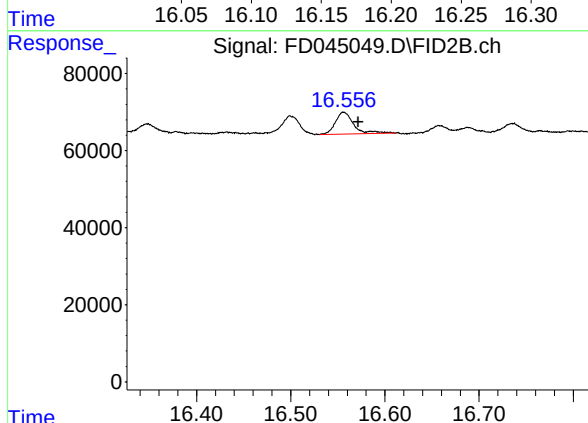
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 62645
Conc: 0.43 ug/ml



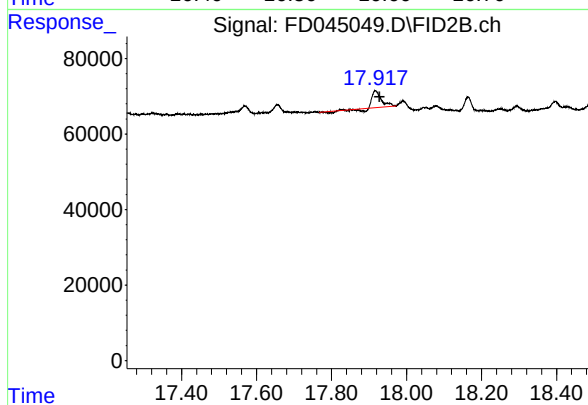
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.046 min
Response: 62645
Conc: 0.44 ug/ml



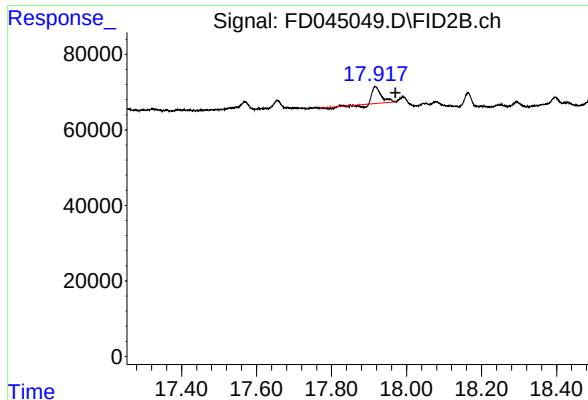
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.015 min
Response: 75751
Conc: 0.54 ug/ml



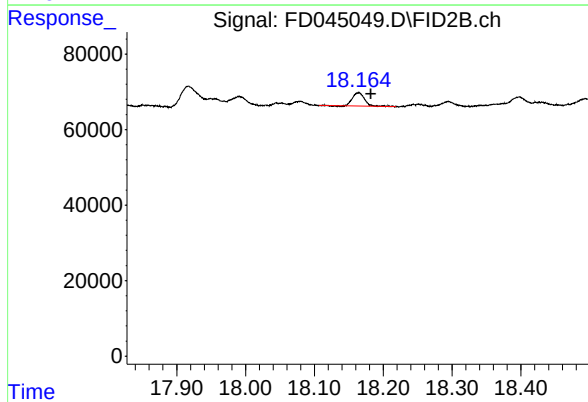
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.917 min
Delta R.T.: -0.011 min
Response: 63341
Conc: 0.47 ug/ml



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

R.T.: 17.917 min
Delta R.T.: -0.053 min
Response: 63341
Conc: 0.48 ug/ml



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

R.T.: 18.164 min
Delta R.T.: -0.018 min
Response: 43356
Conc: 0.32 ug/ml