

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021523AR\
 Data File : FD045034.D
 Signal(s) : FID2B.ch
 Acq On : 15 Feb 2023 19:49
 Operator : YP/AJ
 Sample : 01537-18
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 06:06:37 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	6618859	45.130 ug/ml
Spiked Amount 50.000		Recovery =	90.26%
6) S 2-Fluorobiphenyl (SURR)	8.414	4304538	43.126 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.25%
11) S ortho-Terphenyl (SURR)	11.454	6068522	32.651 ug/ml
Spiked Amount 50.000		Recovery =	65.30%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	116448	0.720 ug/ml
12) T Fluoranthene (C21.85)	12.482	146848	0.918 ug/ml
13) T Pyrene (C20.8)	12.777	112544	0.717 ug/ml
14) T Benzo[a]anthracene (C...	14.641	47782	0.335 ug/ml
15) T Chrysene (C27.41)	14.682	75321	0.509 ug/ml
16) T benzo[b]fluoranthene ...	16.185	42514	0.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	42514	0.298 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	53786	0.385 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	48934	0.364 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	48934	0.369 ug/ml

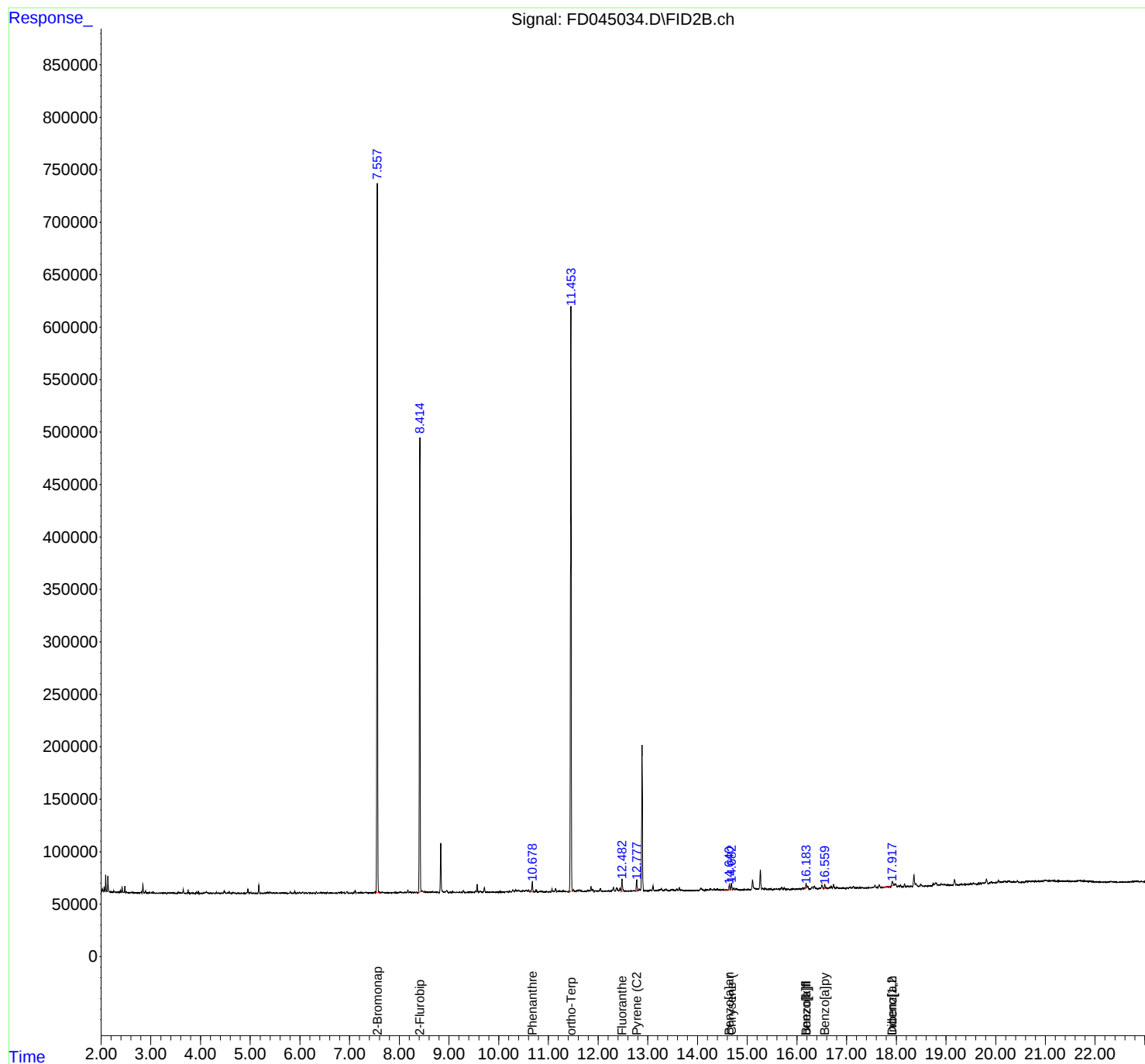
(f)=RT Delta > 1/2 Window

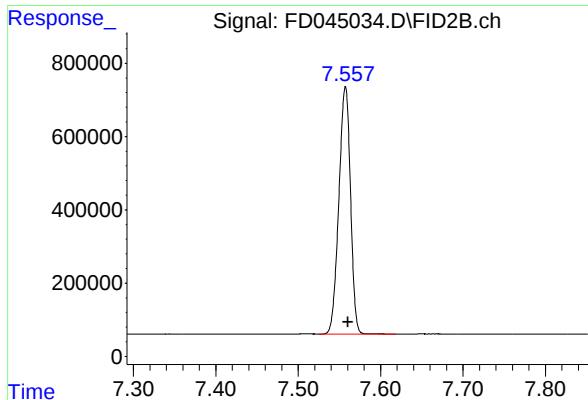
(m)=manual int.

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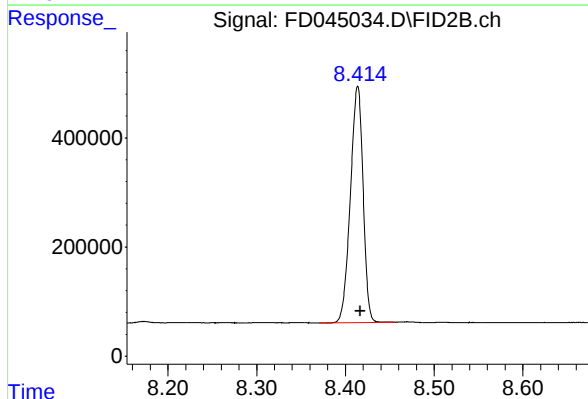
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





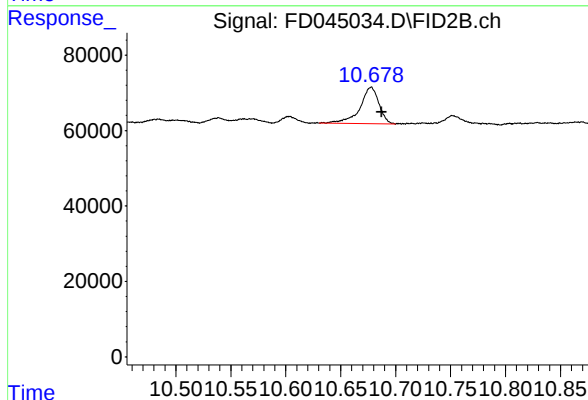
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6618859
Conc: 45.13 ug/ml



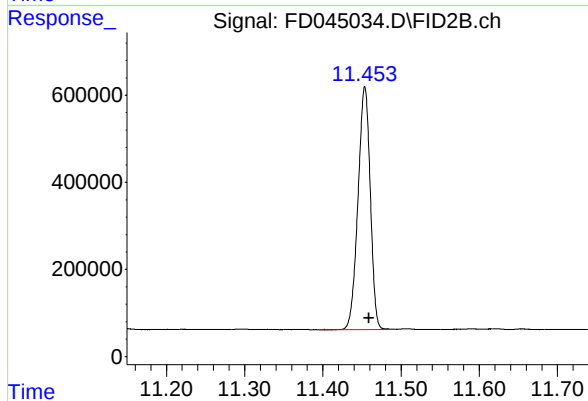
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4304538
Conc: 43.13 ug/ml



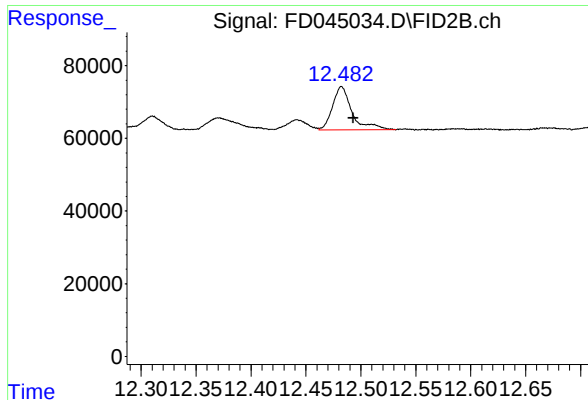
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.010 min
Response: 116448
Conc: 0.72 ug/ml



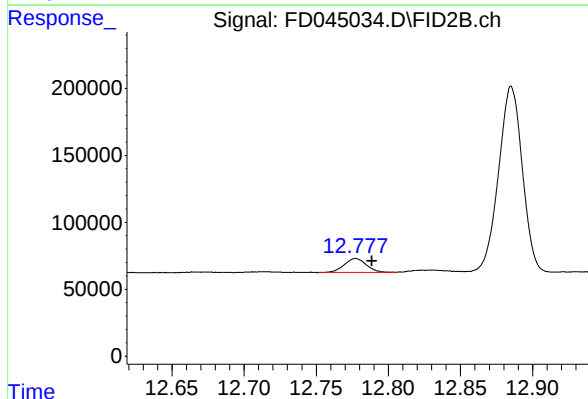
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.006 min
Response: 6068522
Conc: 32.65 ug/ml



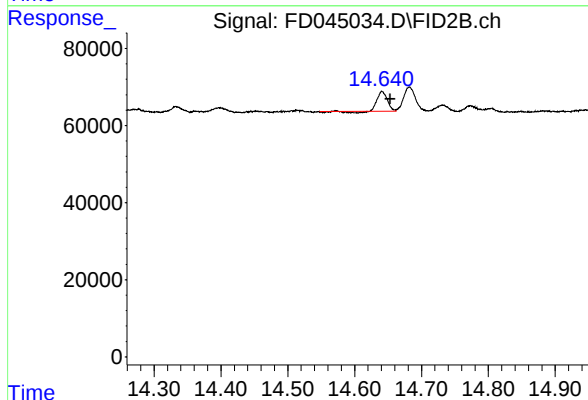
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.011 min
Response: 146848
Conc: 0.92 ug/ml



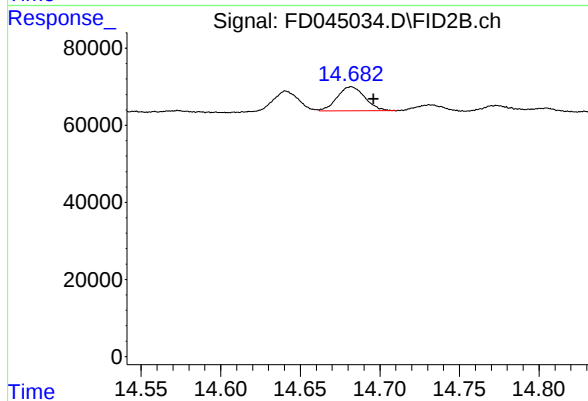
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.011 min
Response: 112544
Conc: 0.72 ug/ml



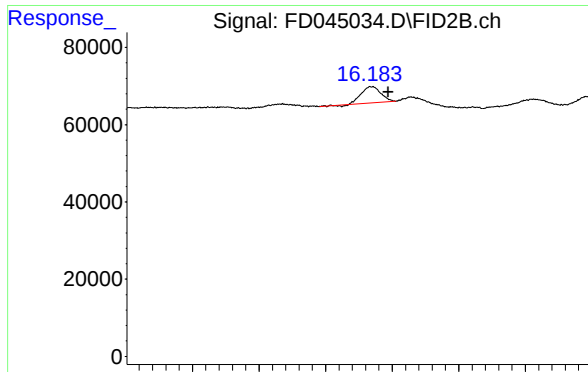
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: -0.012 min
Response: 47782
Conc: 0.33 ug/ml



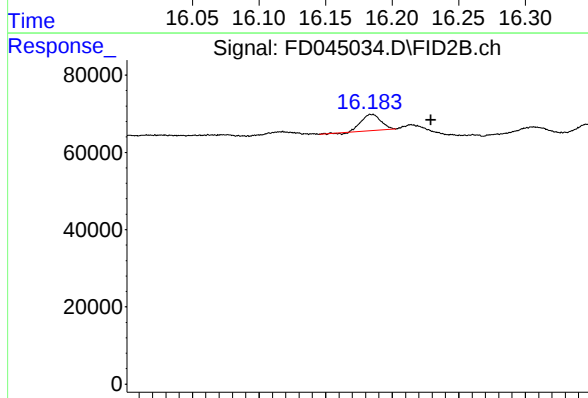
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: -0.014 min
Response: 75321
Conc: 0.51 ug/ml



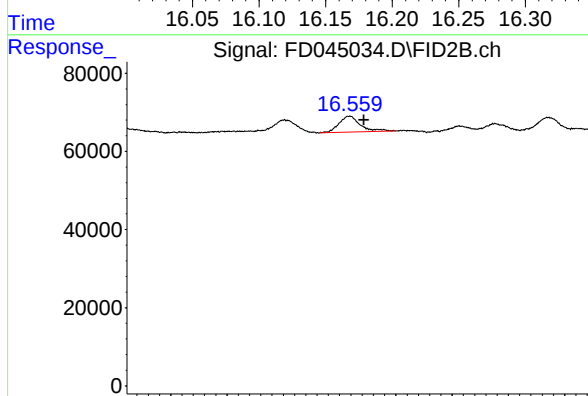
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 42514
Conc: 0.29 ug/ml



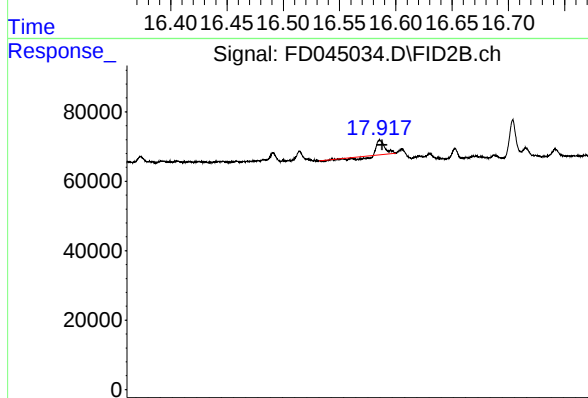
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.185 min
Delta R.T.: -0.045 min
Response: 42514
Conc: 0.30 ug/ml



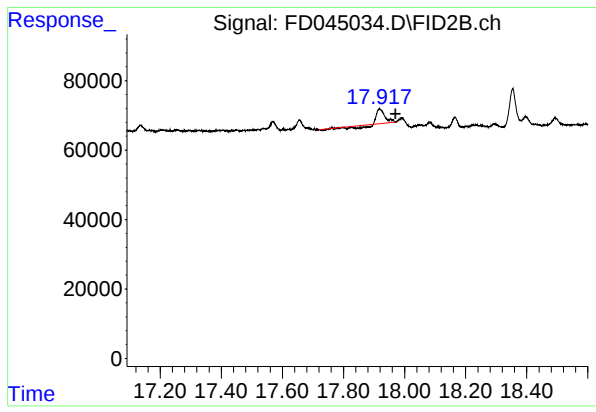
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: -0.013 min
Response: 53786
Conc: 0.38 ug/ml



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

R.T.: 17.918 min
Delta R.T.: -0.010 min
Response: 48934
Conc: 0.36 ug/ml



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

R.T.: 17.918 min
Delta R.T.: -0.053 min
Response: 48934
Conc: 0.37 ug/ml