

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021623AR\
 Data File : FD045053.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 17:45
 Operator : YP/AJ
 Sample : 01539-13
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 01:44:09 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...	7.559	6143409	41.889 ug/ml
Spiked Amount 50.000		Recovery =	83.78%
6) S 2-Fluorobiphenyl (SURR)	8.416	3602592	36.094 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.19%
11) S ortho-Terphenyl (SURR)	11.458	6062311	32.618 ug/ml
Spiked Amount 50.000		Recovery =	65.24%
Target Compounds			
9) T Phenanthrene (C19.36)	10.681	154417	0.955 ug/ml
10) T Anthracene (C19.43)	10.755	44441	0.300 ug/ml
12) T Fluoranthene (C21.85)	12.486	342474	2.140 ug/ml
13) T Pyrene (C20.8)	12.781	258636	1.648 ug/ml
14) T Benzo[a]anthracene (C...	14.644	139099	0.975 ug/ml
15) T Chrysene (C27.41)	14.686	150508	1.017 ug/ml
16) T benzo[b]fluoranthene ...	16.187	197919	1.364 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	76416	0.536 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	152098	1.088 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	131454	0.977 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	131454	0.992 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	87739	0.645 ug/ml

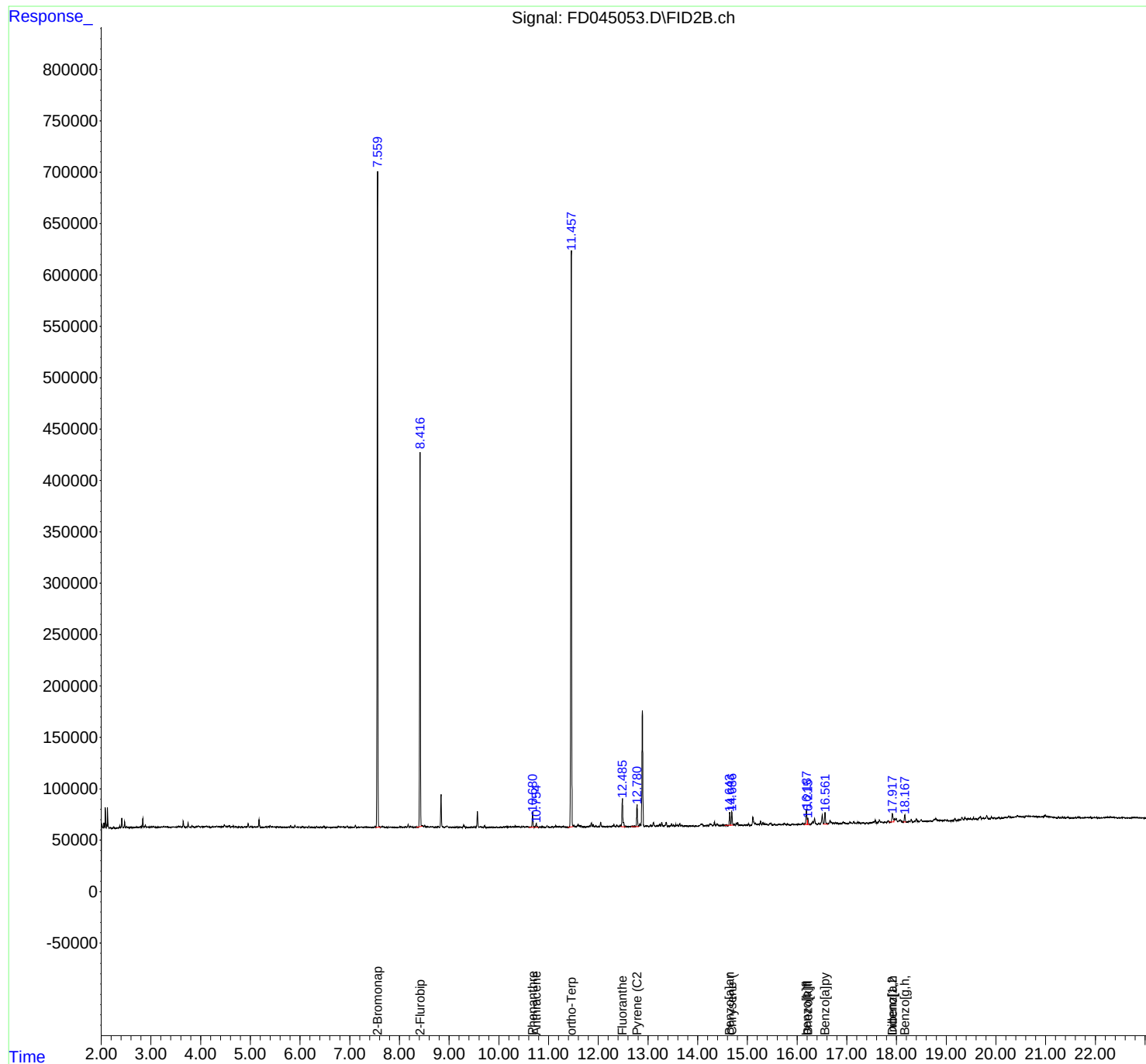
(f)=RT Delta > 1/2 Window

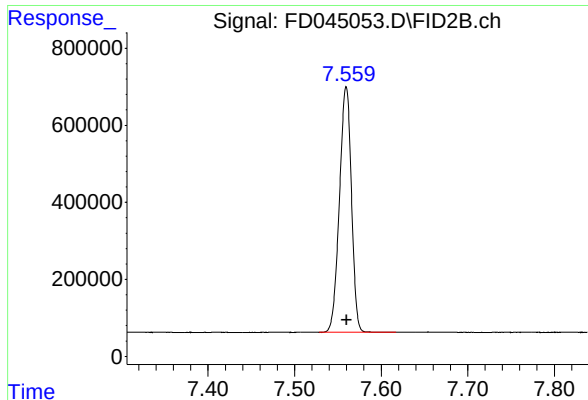
(m)=manual int.

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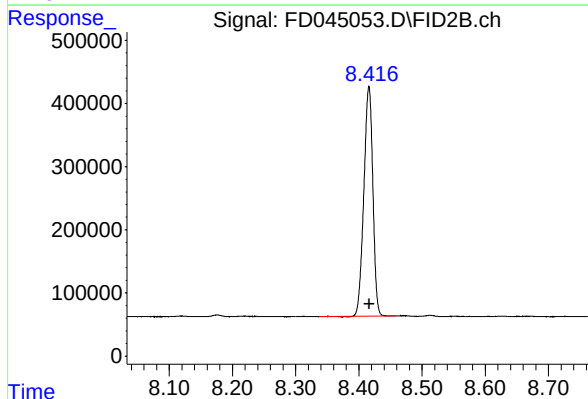
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





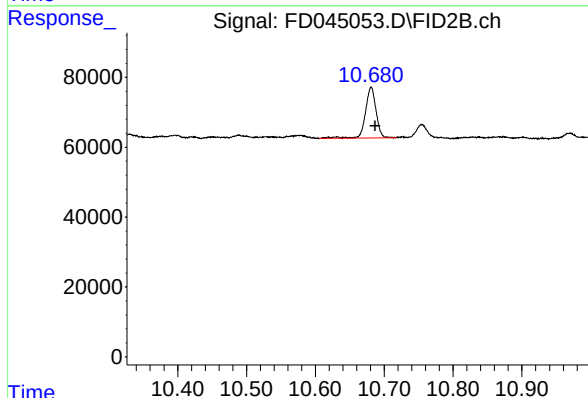
#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 6143409
Conc: 41.89 ug/ml



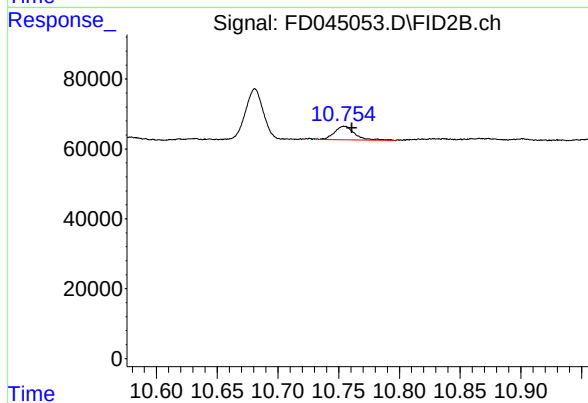
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 3602592
Conc: 36.09 ug/ml



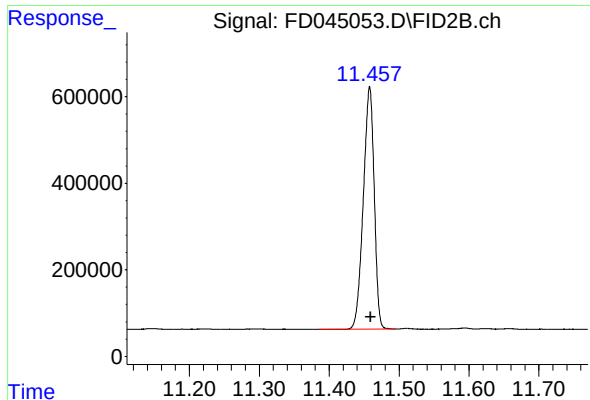
#9 Phenanthrene (C19.36)

R.T.: 10.681 min
Delta R.T.: -0.006 min
Response: 154417
Conc: 0.96 ug/ml



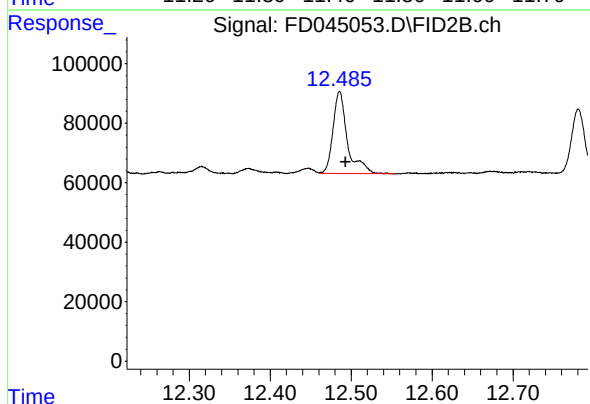
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 44441
Conc: 0.30 ug/ml



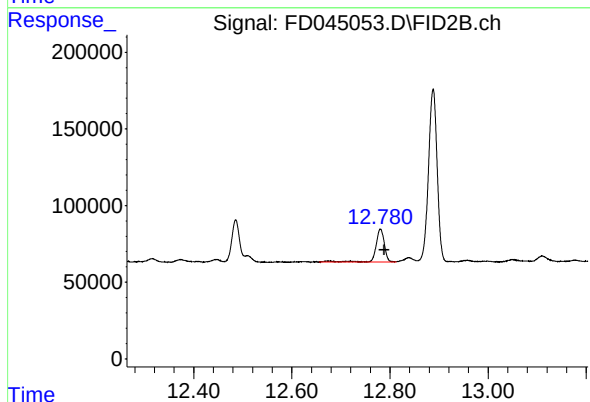
#11 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: -0.001 min
Response: 6062311
Conc: 32.62 ug/ml



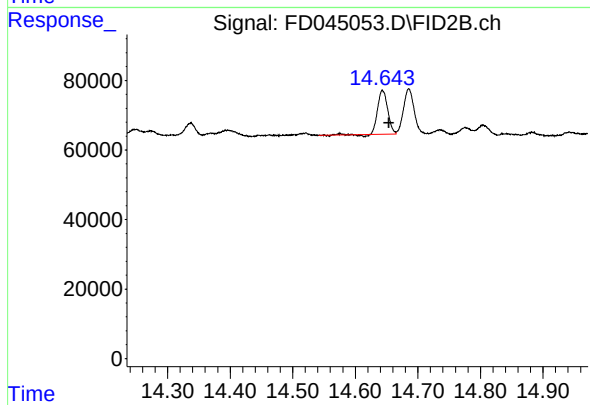
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.008 min
Response: 342474
Conc: 2.14 ug/ml



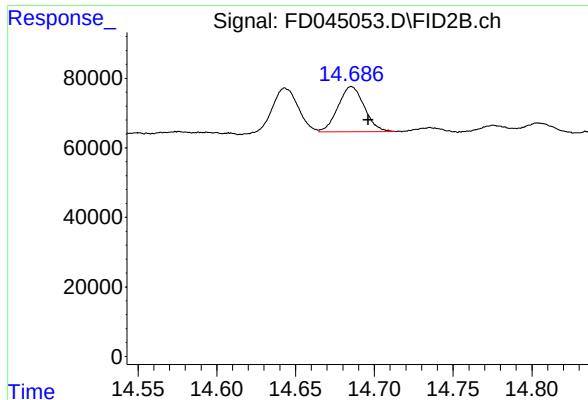
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: -0.008 min
Response: 258636
Conc: 1.65 ug/ml



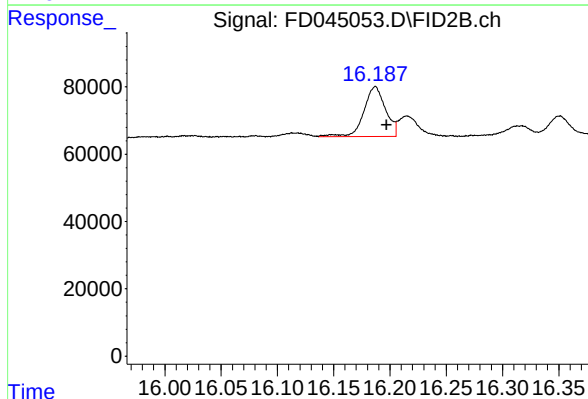
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.010 min
Response: 139099
Conc: 0.97 ug/ml



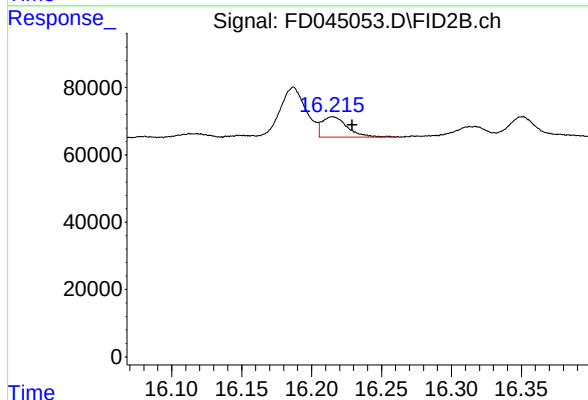
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: -0.011 min
Response: 150508
Conc: 1.02 ug/ml



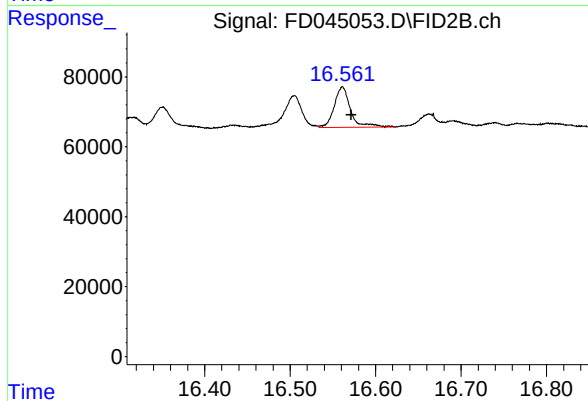
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 197919
Conc: 1.36 ug/ml



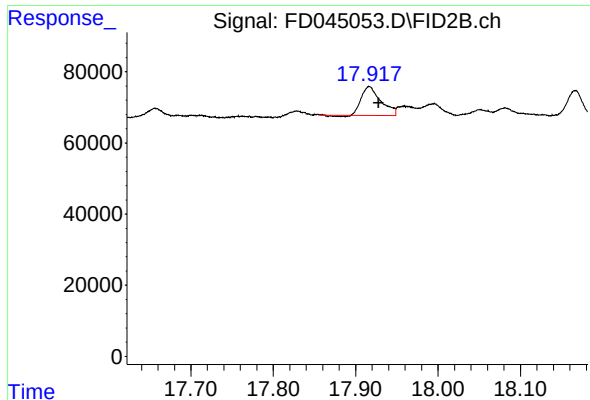
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.215 min
Delta R.T.: -0.014 min
Response: 76416
Conc: 0.54 ug/ml



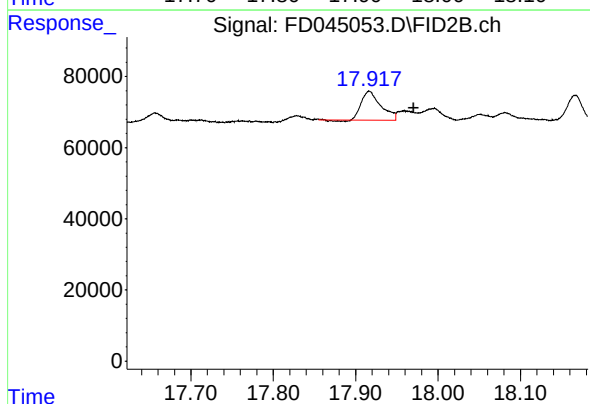
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: -0.011 min
Response: 152098
Conc: 1.09 ug/ml



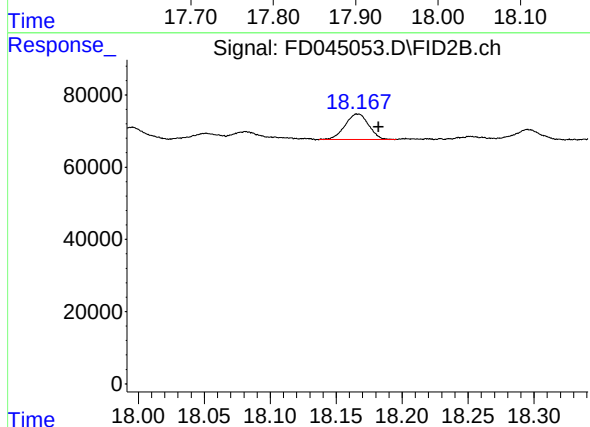
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: -0.012 min
Response: 131454
Conc: 0.98 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.054 min
Response: 131454
Conc: 0.99 ug/ml



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

R.T.: 18.166 min
Delta R.T.: -0.016 min
Response: 87739
Conc: 0.65 ug/ml