

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021623AR\
 Data File : FD045052.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 16:51
 Operator : YP/AJ
 Sample : 01539-12
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 01:44:01 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	7115118	48.514 ug/ml
Spiked Amount 50.000		Recovery =	97.03%
6) S 2-Fluorobiphenyl (SURR)	8.413	4236657	42.446 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.89%
11) S ortho-Terphenyl (SURR)	11.454	6138612	33.028 ug/ml
Spiked Amount 50.000		Recovery =	66.06%
Target Compounds			
9) T Phenanthrene (C19.36)	10.677	74985	0.464 ug/ml
12) T Fluoranthene (C21.85)	12.481	207957	1.299 ug/ml
13) T Pyrene (C20.8)	12.776	126654	0.807 ug/ml
14) T Benzo[a]anthracene (C...	14.640	84122	0.589 ug/ml
15) T Chrysene (C27.41)	14.681	94030	0.635 ug/ml
16) T benzo[b]fluoranthene ...	16.183	58630	0.404 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	58630	0.411 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	82906	0.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	77912	0.579 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	77912	0.588 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	50988	0.375 ug/ml

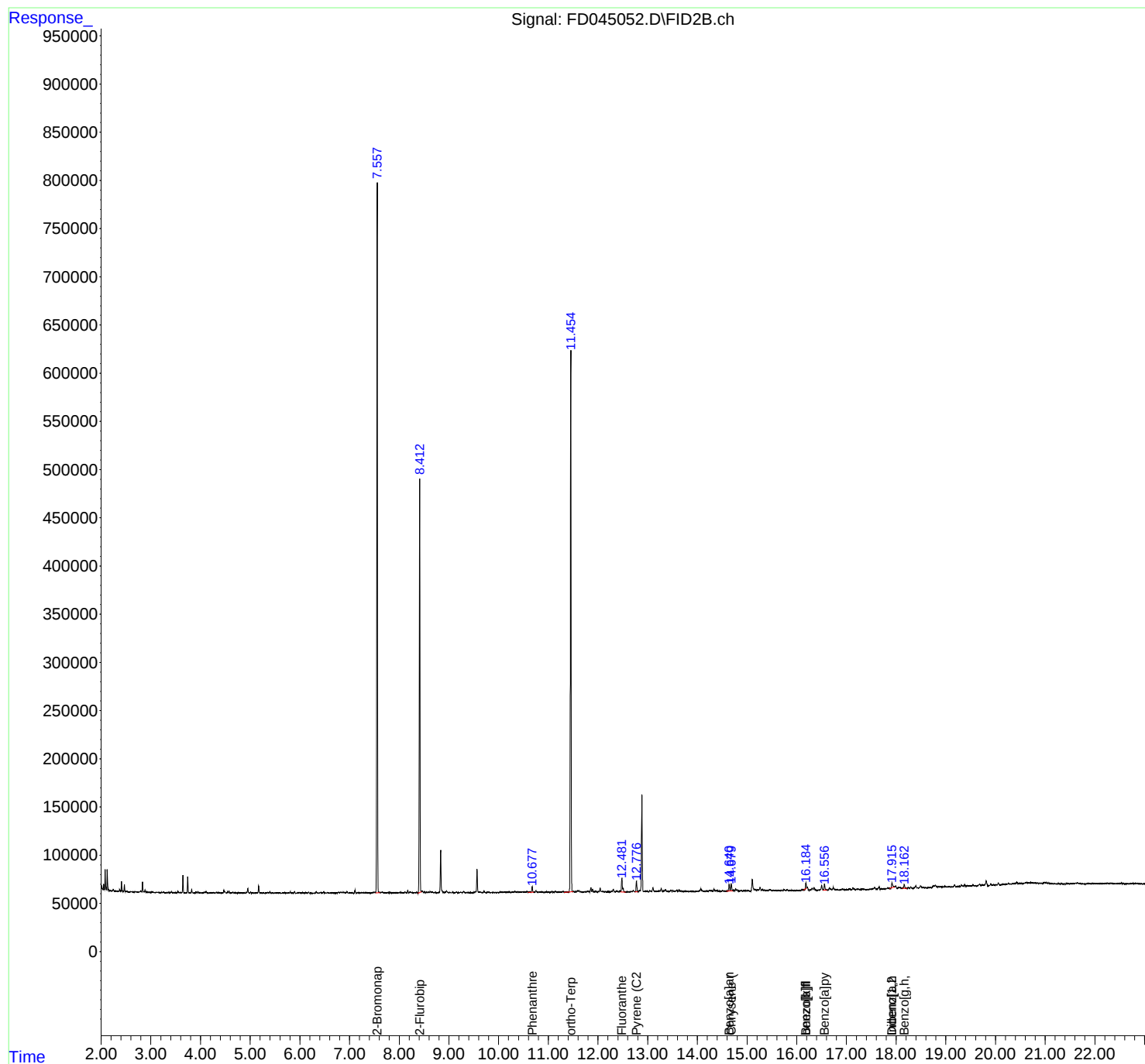
(f)=RT Delta > 1/2 Window

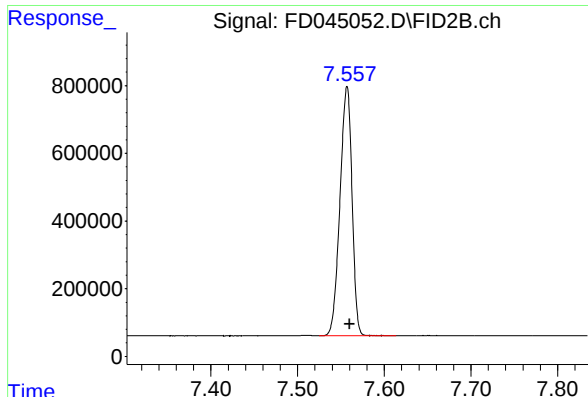
(m)=manual int.

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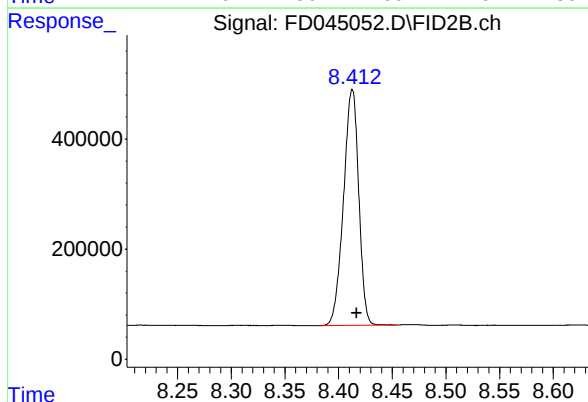
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





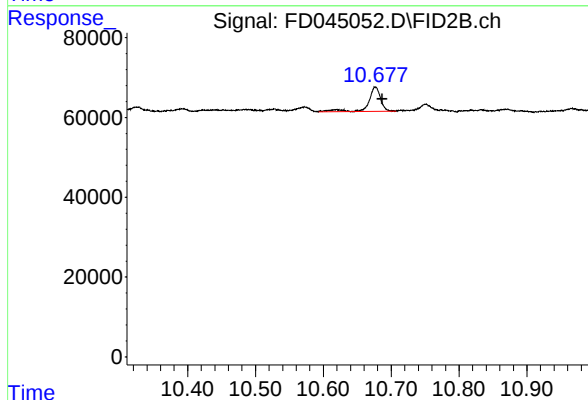
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 7115118
Conc: 48.51 ug/ml



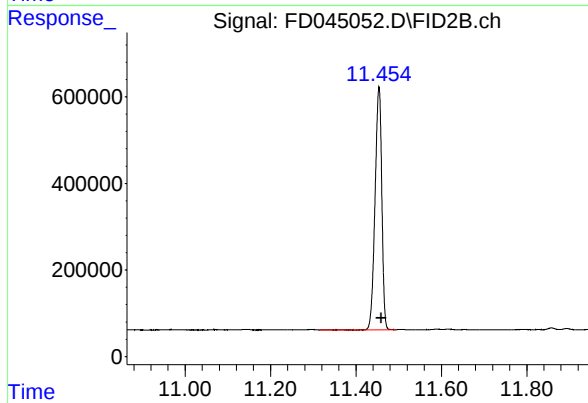
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.004 min
Response: 4236657
Conc: 42.45 ug/ml



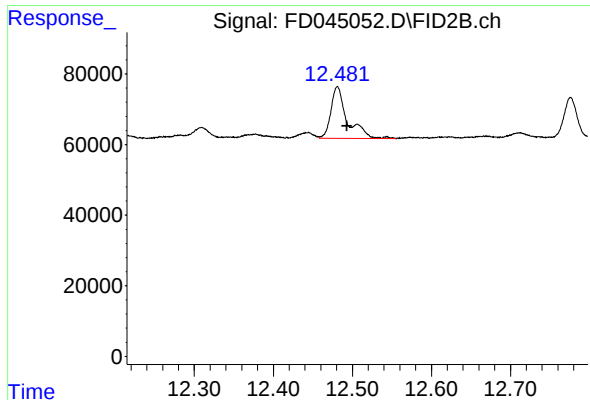
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.010 min
Response: 74985
Conc: 0.46 ug/ml



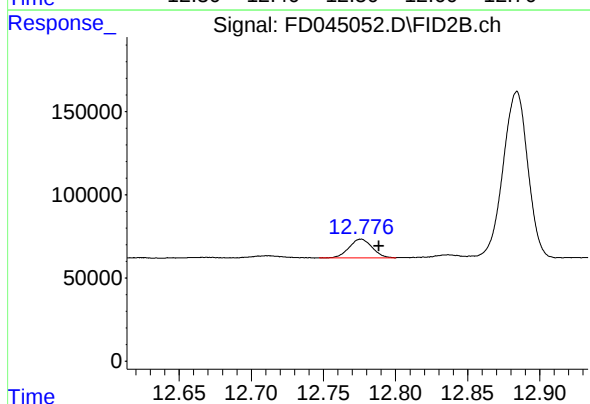
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 6138612
Conc: 33.03 ug/ml



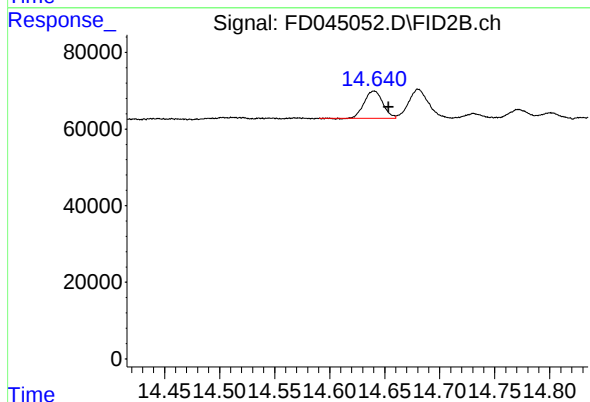
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: -0.012 min
Response: 207957
Conc: 1.30 ug/ml



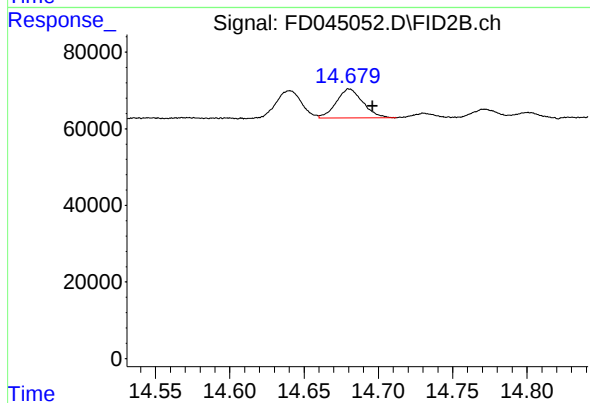
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.012 min
Response: 126654
Conc: 0.81 ug/ml



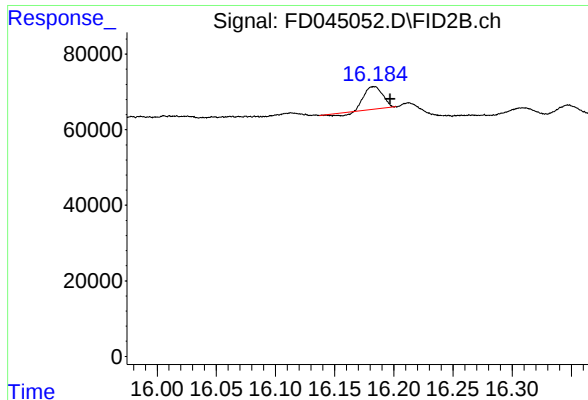
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.013 min
Response: 84122
Conc: 0.59 ug/ml



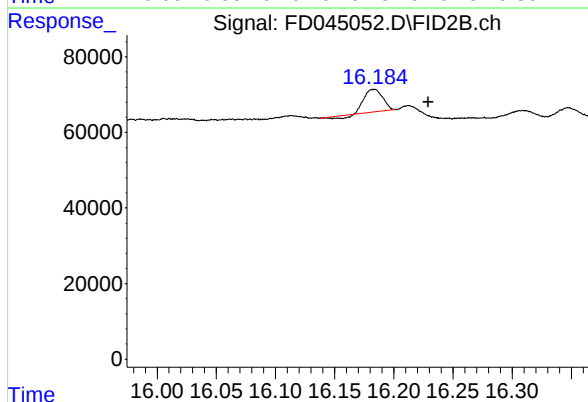
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: -0.016 min
Response: 94030
Conc: 0.64 ug/ml



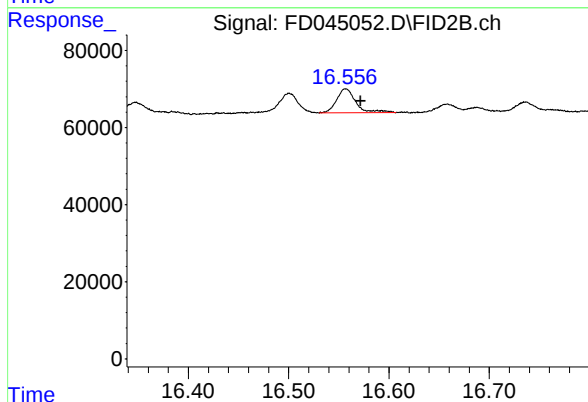
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 58630
Conc: 0.40 ug/ml



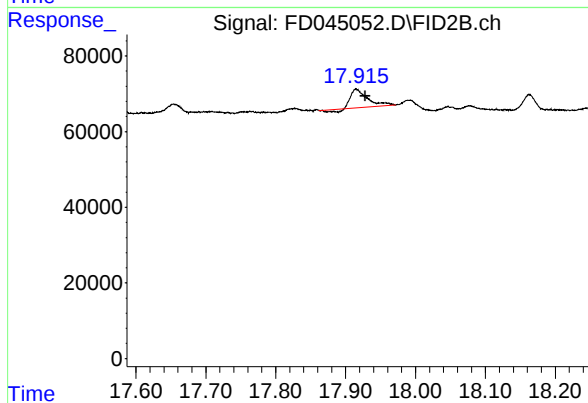
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.046 min
Response: 58630
Conc: 0.41 ug/ml



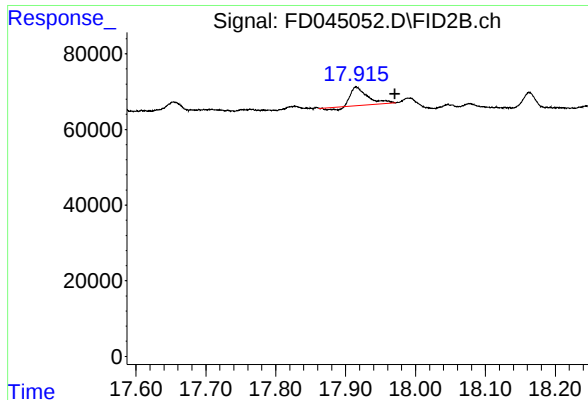
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: -0.015 min
Response: 82906
Conc: 0.59 ug/ml



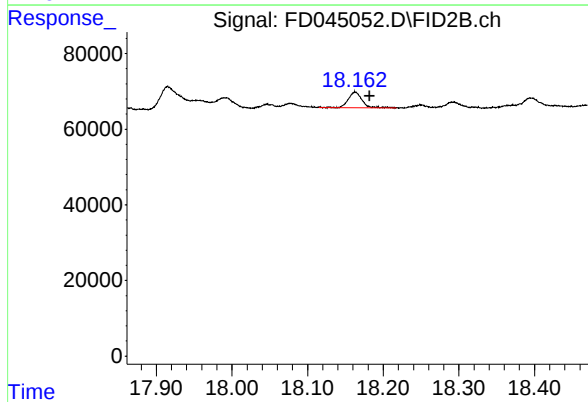
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: -0.013 min
Response: 77912
Conc: 0.58 ug/ml



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

R.T.: 17.915 min
Delta R.T.: -0.055 min
Response: 77912
Conc: 0.59 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.019 min
Response: 50988
Conc: 0.38 ug/ml