

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021623AR\
 Data File : FD045051.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 15:57
 Operator : YP/AJ
 Sample : 01539-11
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 01:43:53 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...	7.556	6750681	46.029 ug/ml
Spiked Amount 50.000		Recovery =	92.06%
6) S 2-Fluorobiphenyl (SURR)	8.412	4411043	44.193 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.39%
11) S ortho-Terphenyl (SURR)	11.452	6158602	33.136 ug/ml
Spiked Amount 50.000		Recovery =	66.27%
Target Compounds			
9) T Phenanthrene (C19.36)	10.675	211261	1.307 ug/ml
10) T Anthracene (C19.43)	10.748	57717	0.389 ug/ml
12) T Fluoranthene (C21.85)	12.479	427655	2.672 ug/ml
13) T Pyrene (C20.8)	12.774	322188	2.053 ug/ml
14) T Benzo[a]anthracene (C...	14.638	217947	1.527 ug/ml
15) T Chrysene (C27.41)	14.679	222939	1.506 ug/ml
16) T benzo[b]fluoranthene ...	16.210	96657	0.666 ug/ml
17) T Bnezo[k]fluoranthene ...	16.210	96657	0.678 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	184373	1.319 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	141709	1.053 ug/ml
20) T Dibenz[a,h]anthracene...	17.913	141709	1.069 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	114437	0.842 ug/ml

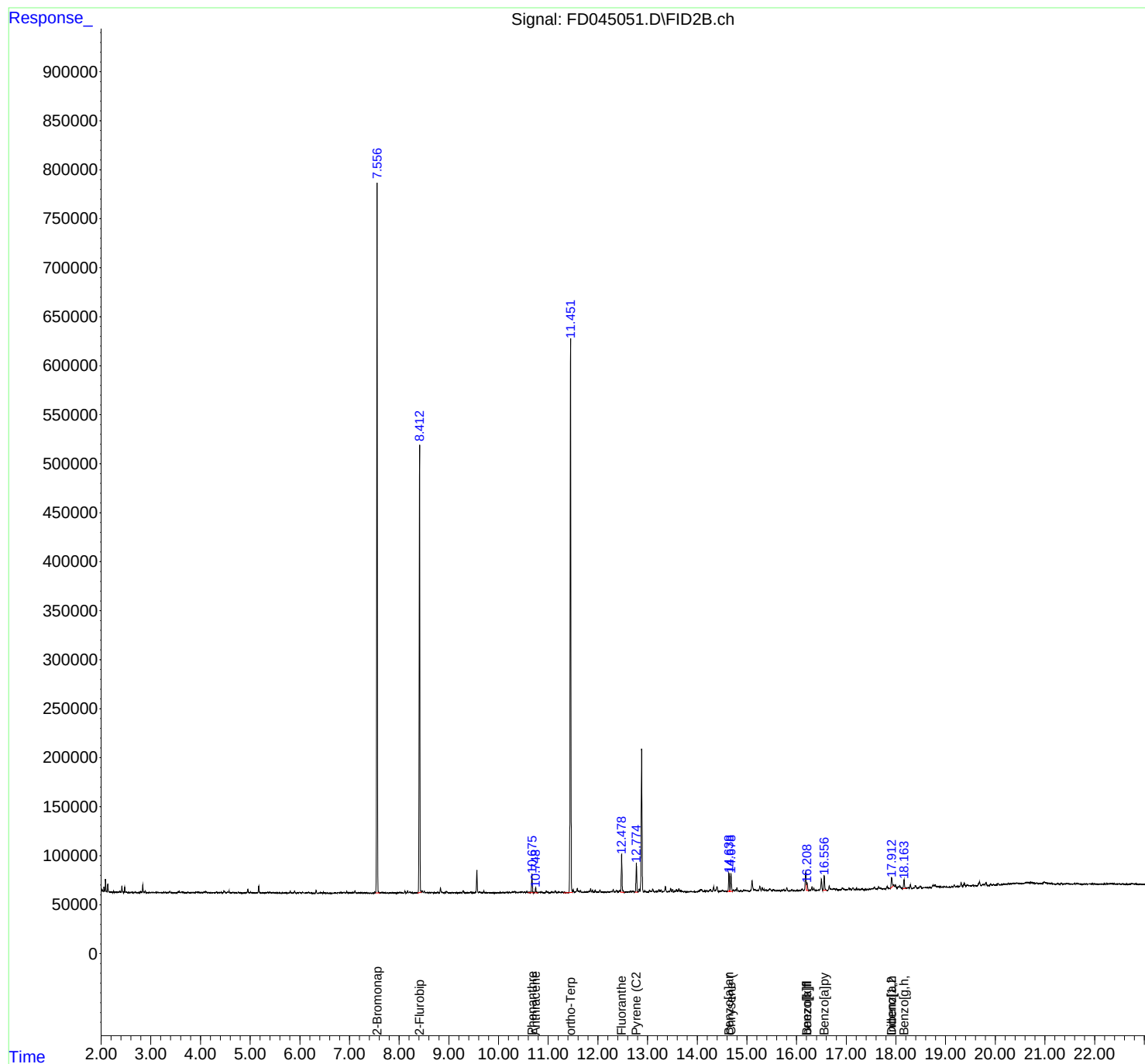
(f)=RT Delta > 1/2 Window

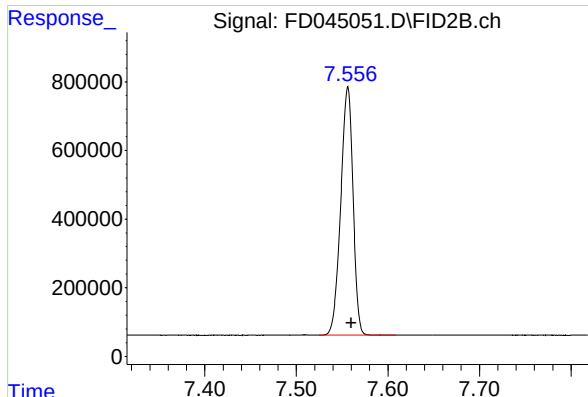
(m)=manual int.

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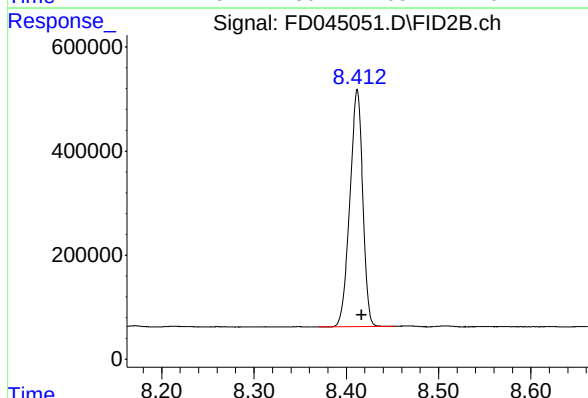
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





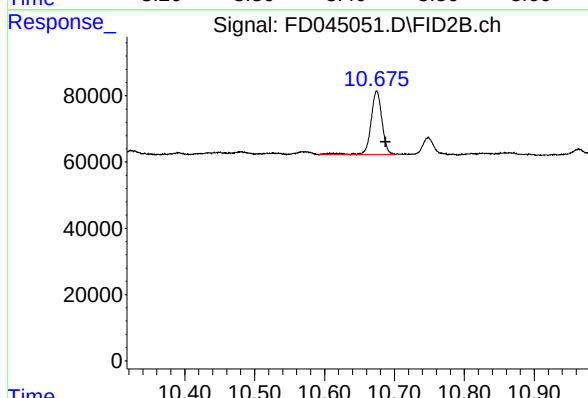
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 6750681
Conc: 46.03 ug/ml



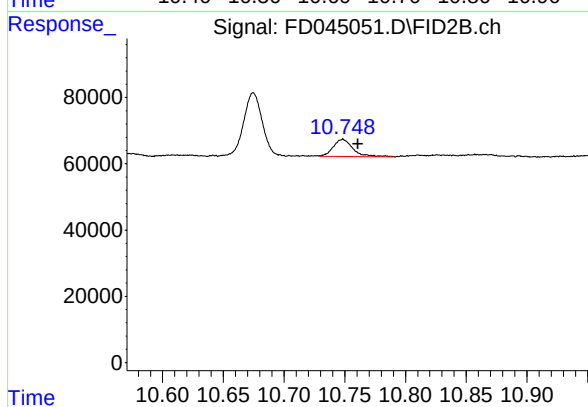
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.005 min
Response: 4411043
Conc: 44.19 ug/ml



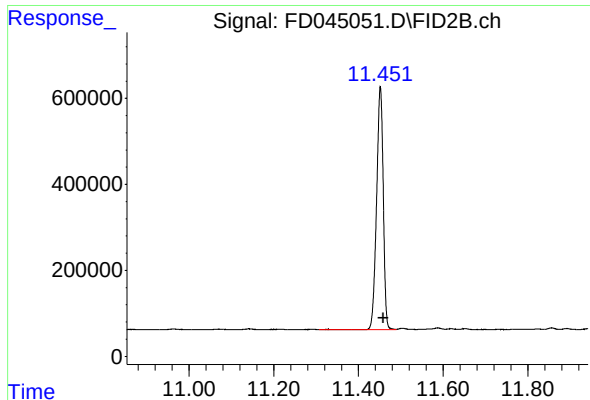
#9 Phenanthrene (C19.36)

R.T.: 10.675 min
Delta R.T.: -0.012 min
Response: 211261
Conc: 1.31 ug/ml



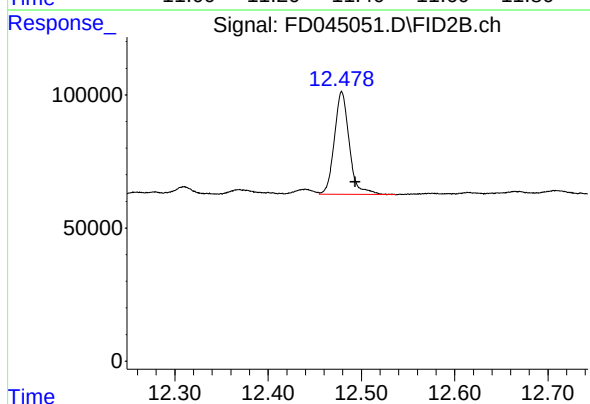
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.013 min
Response: 57717
Conc: 0.39 ug/ml



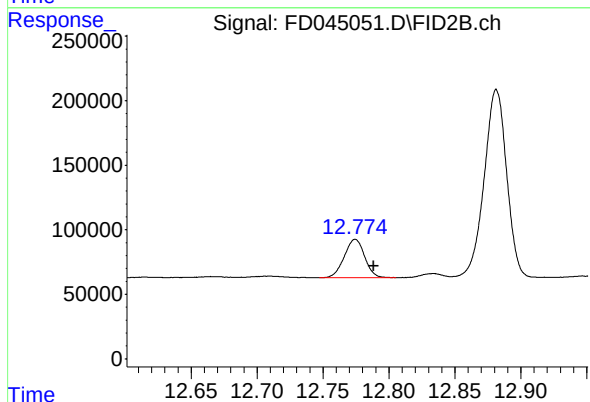
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 6158602
Conc: 33.14 ug/ml



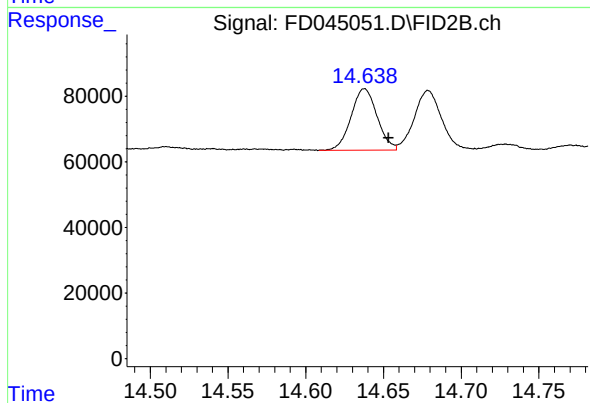
#12 Fluoranthene (C21.85)

R.T.: 12.479 min
Delta R.T.: -0.014 min
Response: 427655
Conc: 2.67 ug/ml



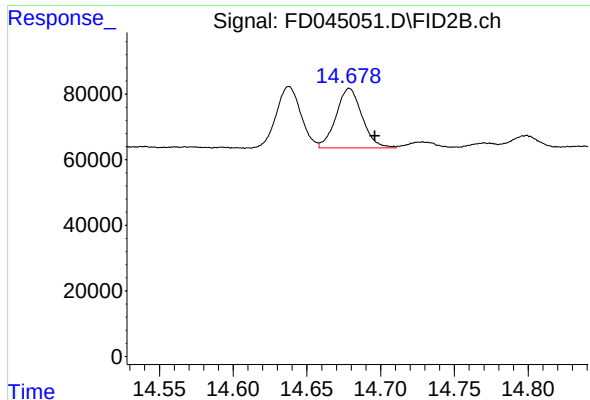
#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: -0.014 min
Response: 322188
Conc: 2.05 ug/ml



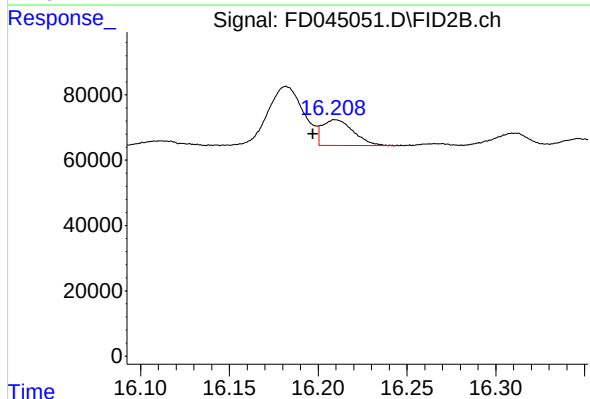
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: -0.015 min
Response: 217947
Conc: 1.53 ug/ml



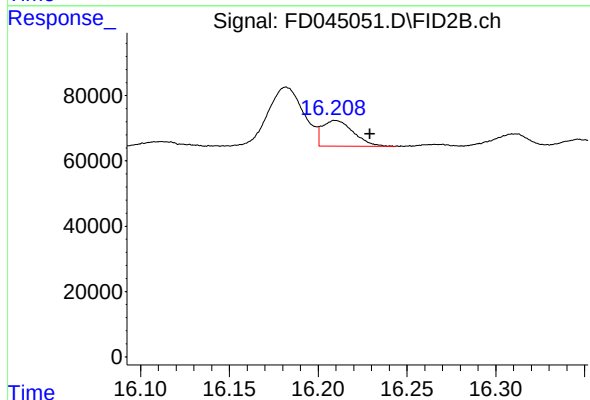
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.017 min
Response: 222939
Conc: 1.51 ug/ml



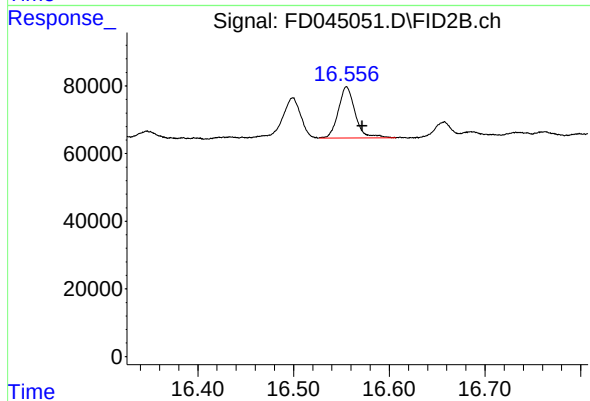
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.210 min
Delta R.T.: 0.013 min
Response: 96657
Conc: 0.67 ug/ml



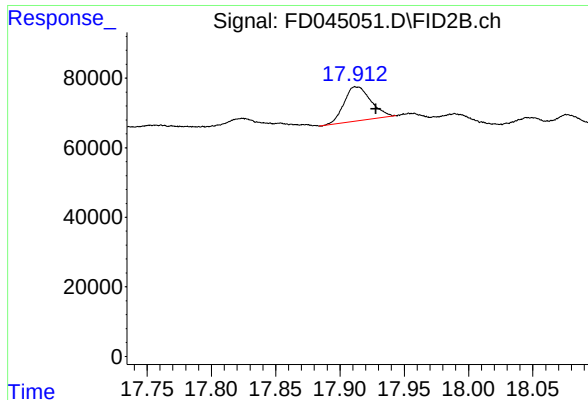
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.210 min
Delta R.T.: -0.019 min
Response: 96657
Conc: 0.68 ug/ml



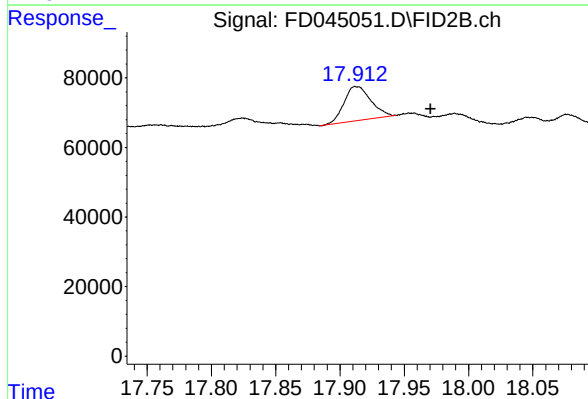
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 184373
Conc: 1.32 ug/ml



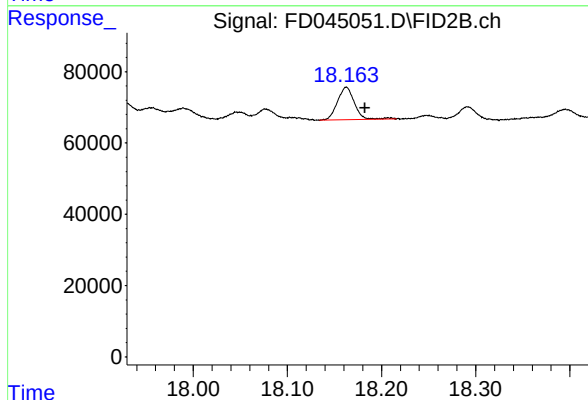
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: -0.015 min
Response: 141709
Conc: 1.05 ug/ml



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

R.T.: 17.913 min
Delta R.T.: -0.058 min
Response: 141709
Conc: 1.07 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.020 min
Response: 114437
Conc: 0.84 ug/ml