

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021523AR\
 Data File : FD045031.D
 Signal(s) : FID2B.ch
 Acq On : 15 Feb 2023 17:22
 Operator : YP/AJ
 Sample : 01537-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 06:06:13 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	6628123	45.194 ug/ml
Spiked Amount 50.000		Recovery =	90.39%
6) S 2-Fluorobiphenyl (SURR)	8.412	4353850	43.620 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.24%
11) S ortho-Terphenyl (SURR)	11.451	4618258	24.848 ug/ml
Spiked Amount 50.000		Recovery =	49.70%
Target Compounds			
9) T Phenanthrene (C19.36)	10.675	70035	0.433 ug/ml
12) T Fluoranthene (C21.85)	12.481	113775	0.711 ug/ml
13) T Pyrene (C20.8)	12.776	81752	0.521 ug/ml
14) T Benzo[a]anthracene (C...	14.640	37797	0.265 ug/ml
15) T Chrysene (C27.41)	14.681	49133	0.332 ug/ml
16) T benzo[b]fluoranthene ...	16.184	9725	0.067 ug/ml
17) T Bnezo[k]fluoranthene ...	16.184	9725	0.068 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	48377	0.346 ug/ml

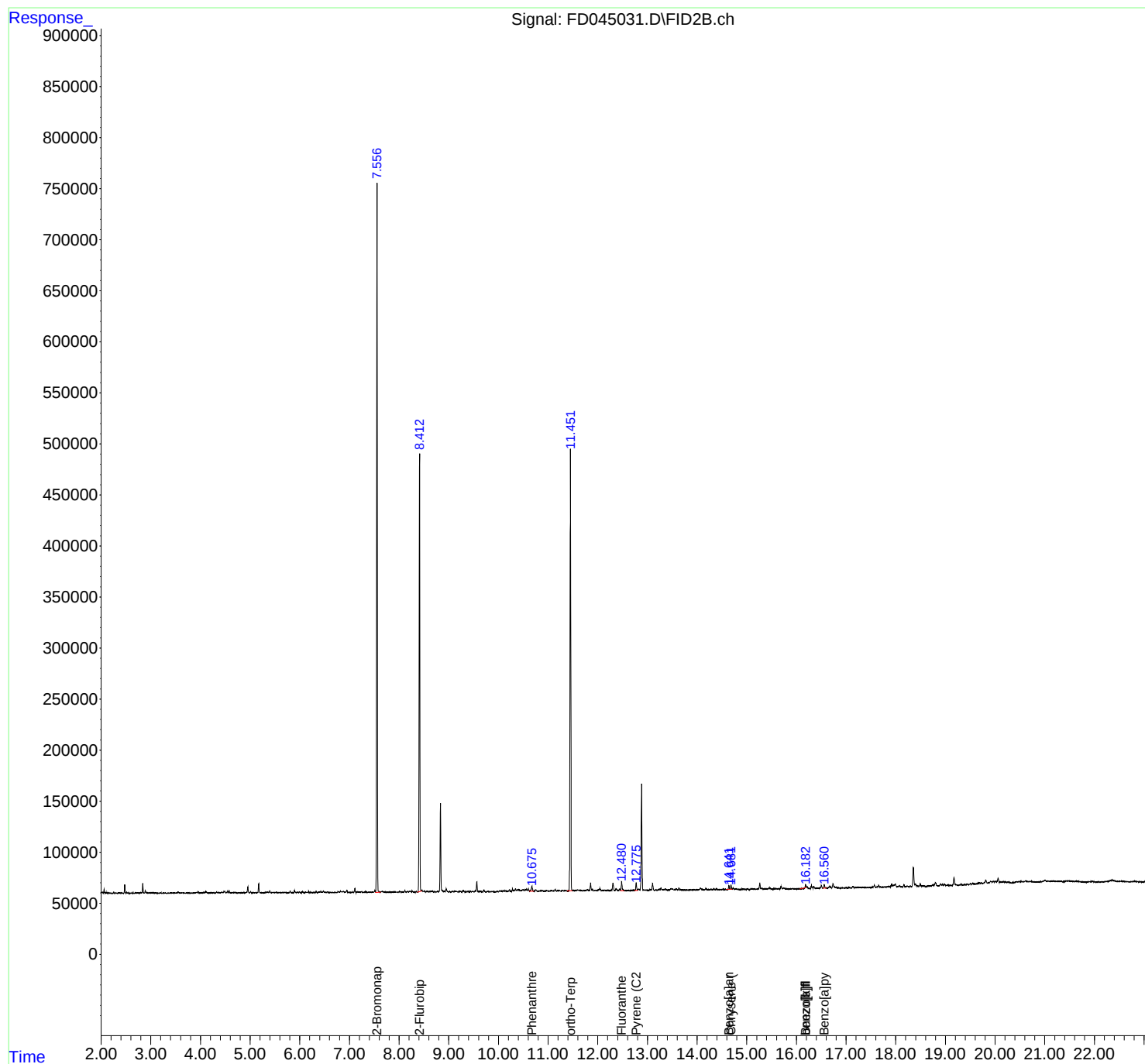
(f)=RT Delta > 1/2 Window

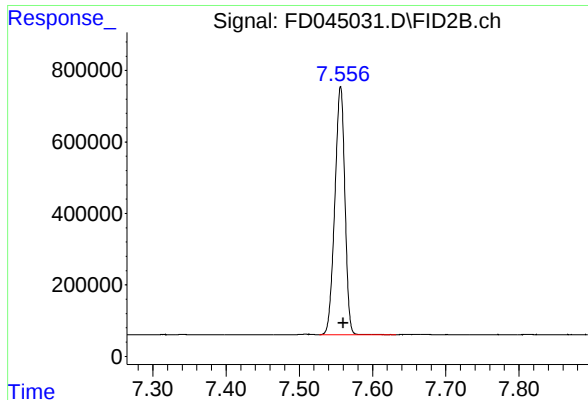
(m)=manual int.

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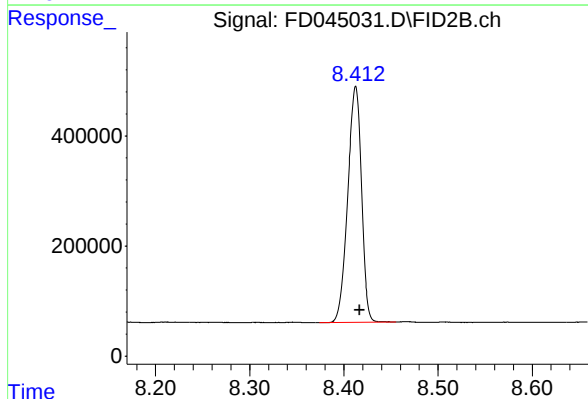
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Signal Info : 20M x 0.18mm x 0.18µm





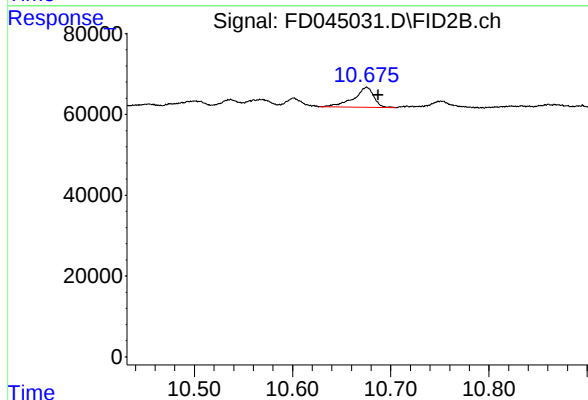
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 6628123
Conc: 45.19 ug/ml



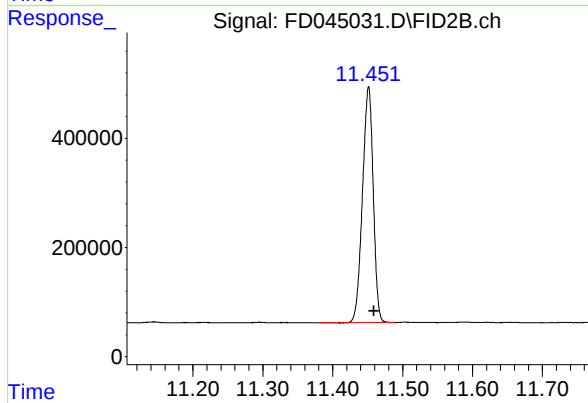
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.004 min
Response: 4353850
Conc: 43.62 ug/ml



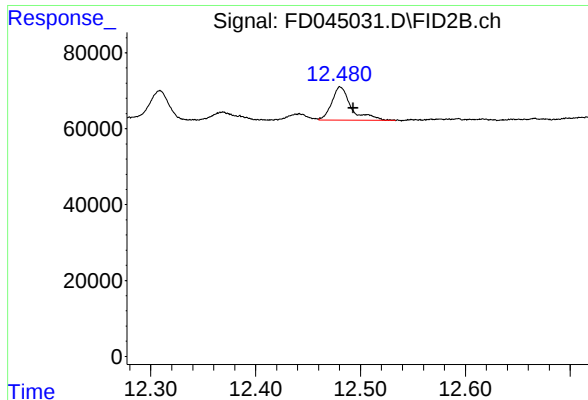
#9 Phenanthrene (C19.36)

R.T.: 10.675 min
Delta R.T.: -0.012 min
Response: 70035
Conc: 0.43 ug/ml



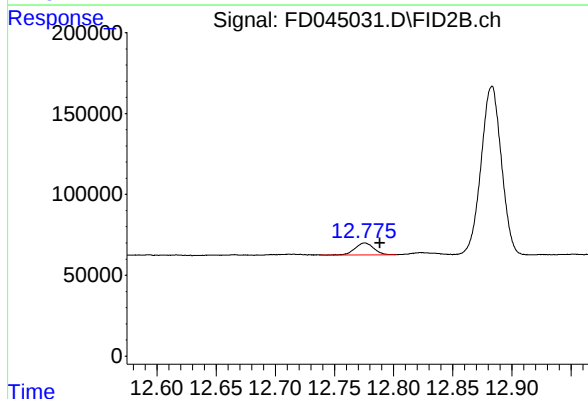
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: -0.008 min
Response: 4618258
Conc: 24.85 ug/ml



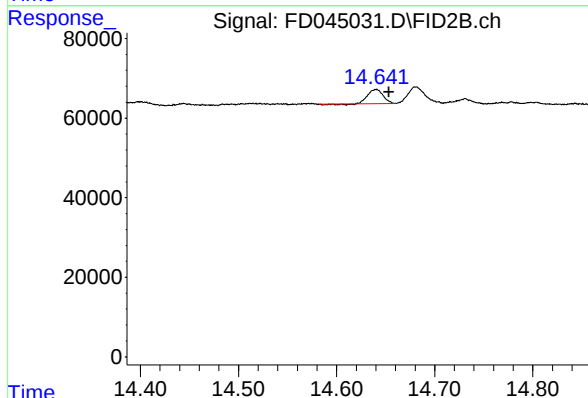
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: -0.012 min
Response: 113775
Conc: 0.71 ug/ml



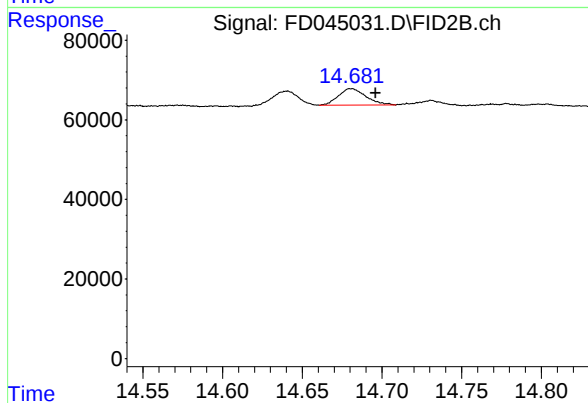
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.013 min
Response: 81752
Conc: 0.52 ug/ml



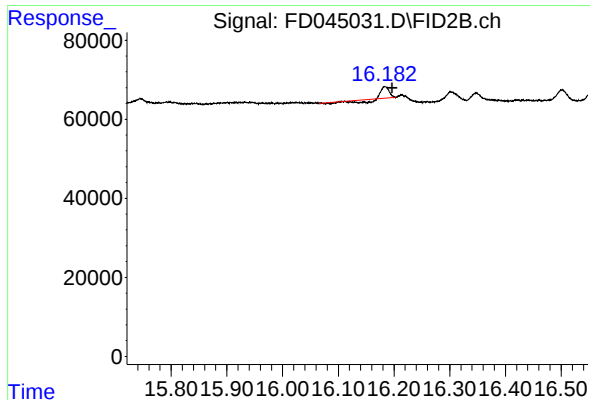
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.013 min
Response: 37797
Conc: 0.26 ug/ml



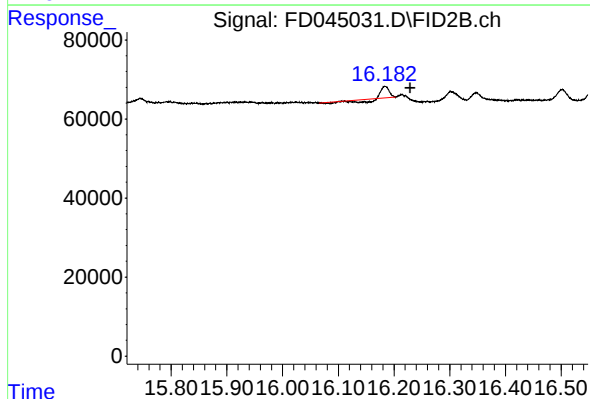
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: -0.015 min
Response: 49133
Conc: 0.33 ug/ml



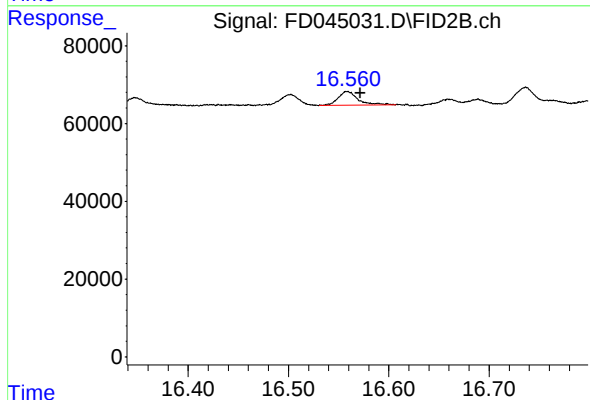
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.184 min
Delta R.T.: -0.013 min
Response: 9725
Conc: 0.07 ug/ml



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

R.T.: 16.184 min
Delta R.T.: -0.045 min
Response: 9725
Conc: 0.07 ug/ml



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

R.T.: 16.559 min
Delta R.T.: -0.013 min
Response: 48377
Conc: 0.35 ug/ml