

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062725AR\
 Data File : FD049532.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2025 15:24
 Operator : YP/AJ
 Sample : Q2418-01DL 10X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 28 02:41:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 2025
 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...	7.733	757049	5.937 ug/ml
Spiked Amount 50.000		Recovery =	11.87%
6) S 2-Fluorobiphenyl (SURR)	8.598	540686	6.089 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	12.18%
11) S ortho-Terphenyl (SURR)	11.649	4814610	30.359 ug/ml
Spiked Amount 50.000		Recovery =	60.72%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.397	133357	0.853 ug/ml
7) T Acenaphthene (C15.5)	8.689	590357	3.940 ug/ml
8) T Flouorene (C16.55)	9.455	1261462	8.200 ug/ml
9) T Phenanthrene (C19.36)	10.870	5385162	33.792 ug/ml
10) T Anthracene (C19.43)	10.960	2775182	17.676 ug/ml
12) T Fluoranthene (C21.85)	12.693	292594	1.848 ug/ml
13) T Pyrene (C20.8)	13.022	265150	1.676 ug/ml
14) T Benzo[a]anthracene (C...	14.924f	109910	0.745 ug/ml
15) T Chrysene (C27.41)	14.924	109910	0.737 ug/ml
17) T Bnezo[k]fluoranthene ...	16.502f	234067	1.762 ug/ml

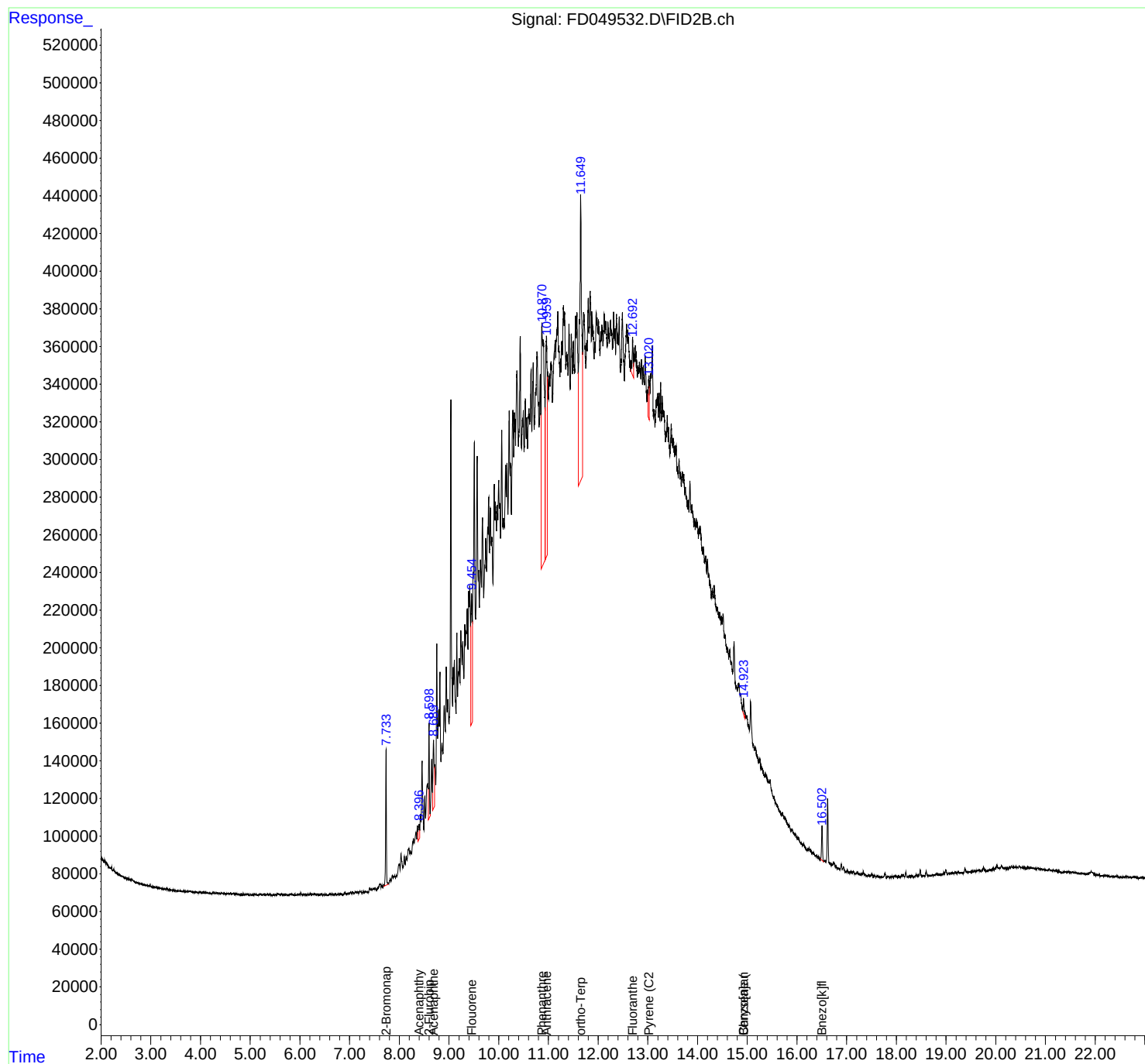
(f)=RT Delta > 1/2 Window

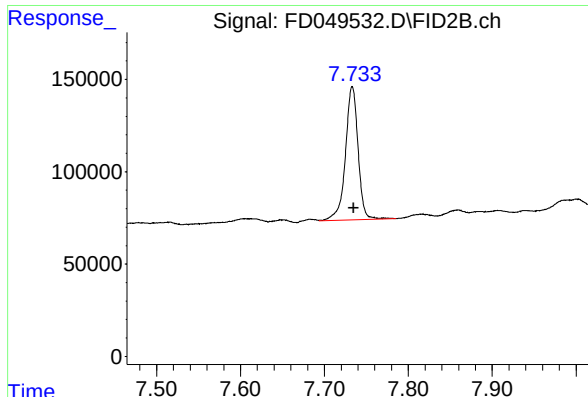
(m)=manual int.

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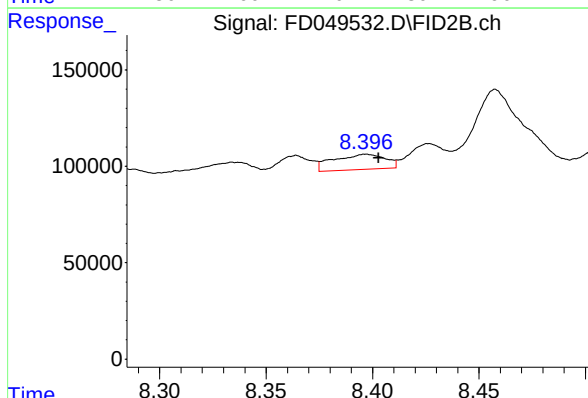
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





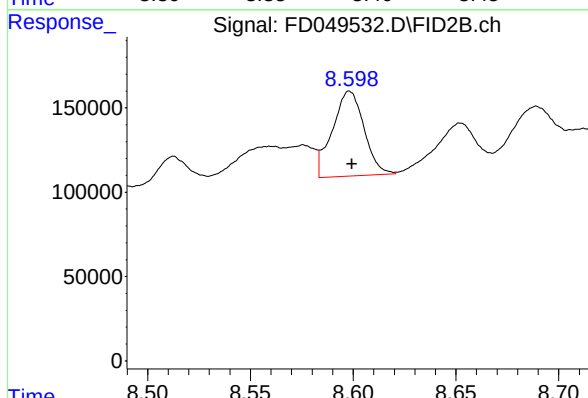
#4 2-Bromonaphthalene (SURR)

R.T.: 7.733 min
Delta R.T.: -0.001 min
Response: 757049
Conc: 5.94 ug/ml



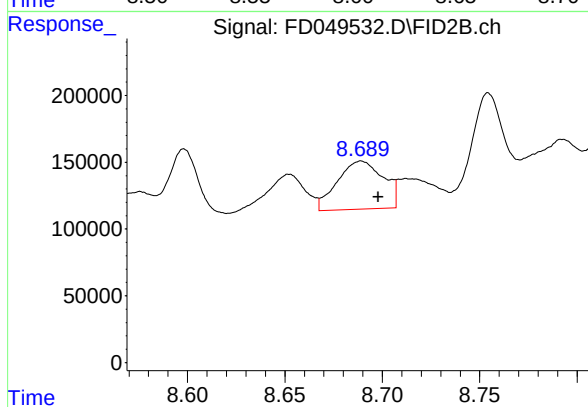
#5 Acenaphthylene (C15.06)

R.T.: 8.397 min
Delta R.T.: -0.006 min
Response: 133357
Conc: 0.85 ug/ml



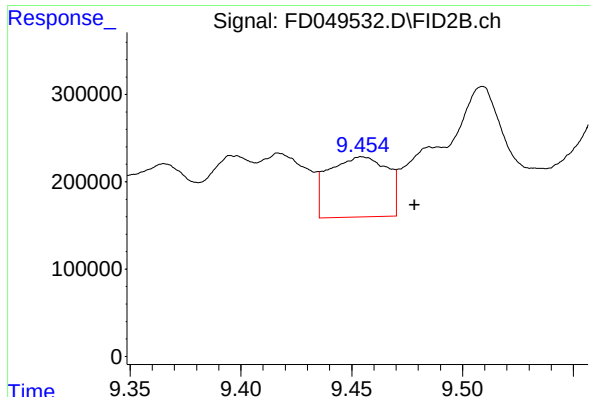
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: -0.001 min
Response: 540686
Conc: 6.09 ug/ml



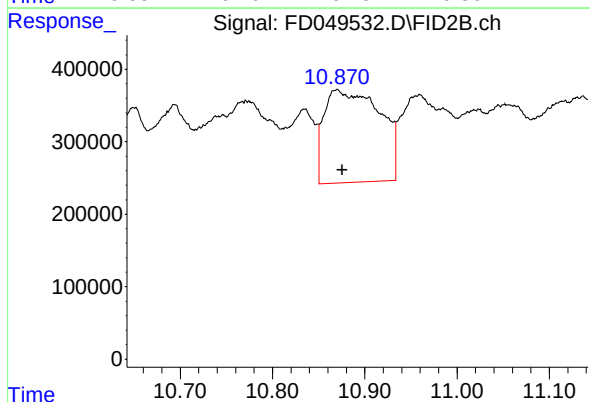
#7 Acenaphthene (C15.5)

R.T.: 8.689 min
Delta R.T.: -0.009 min
Response: 590357
Conc: 3.94 ug/ml



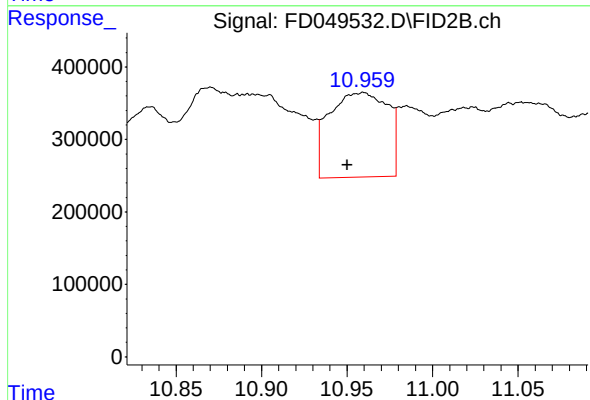
#8 Flouorene (C16.55)

R.T.: 9.455 min
Delta R.T.: -0.024 min
Response: 1261462
Conc: 8.20 ug/ml



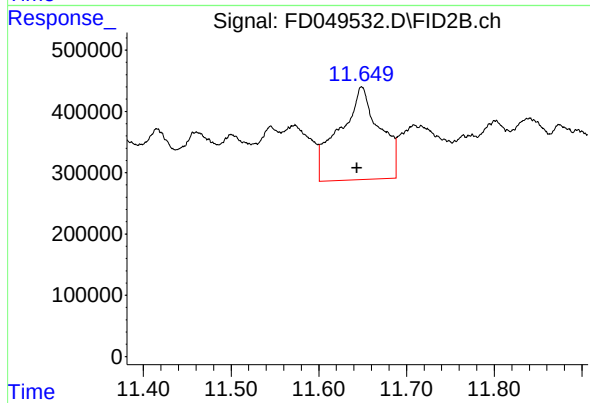
#9 Phenanthrene (C19.36)

R.T.: 10.870 min
Delta R.T.: -0.006 min
Response: 5385162
Conc: 33.79 ug/ml



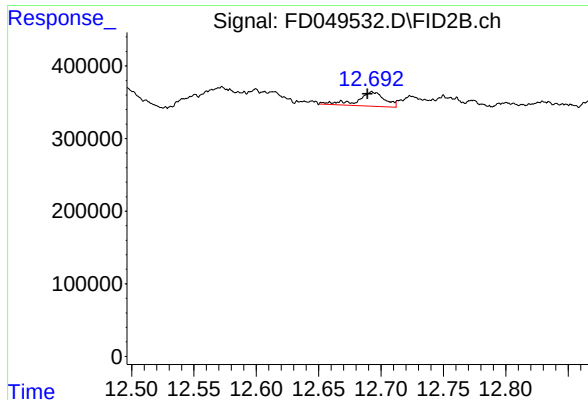
#10 Anthracene (C19.43)

R.T.: 10.960 min
Delta R.T.: 0.010 min
Response: 2775182
Conc: 17.68 ug/ml



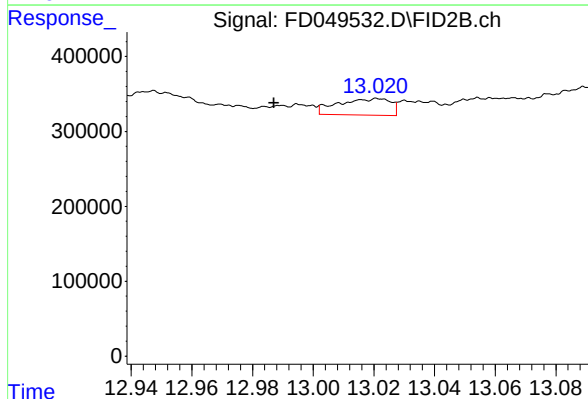
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.006 min
Response: 4814610
Conc: 30.36 ug/ml



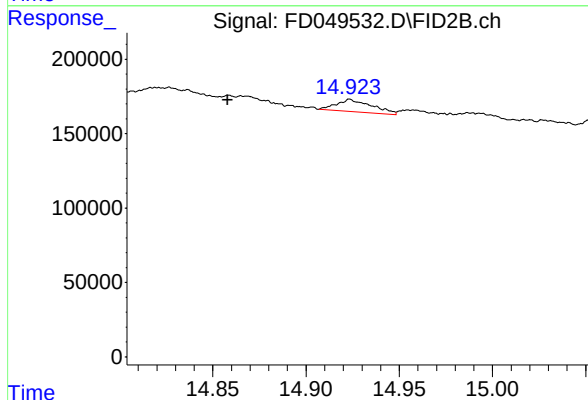
#12 Fluoranthene (C21.85)

R.T.: 12.693 min
Delta R.T.: 0.003 min
Response: 292594
Conc: 1.85 ug/ml



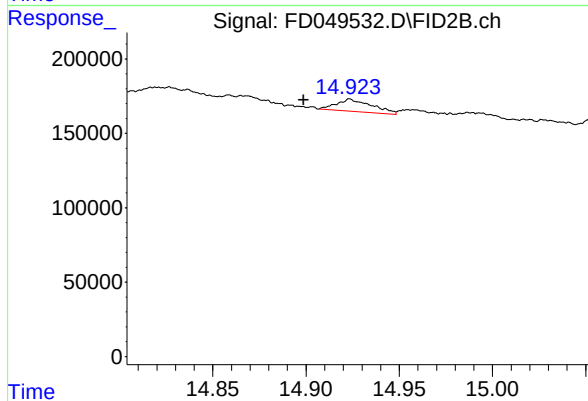
#13 Pyrene (C20.8)

R.T.: 13.022 min
Delta R.T.: 0.035 min
Response: 265150
Conc: 1.68 ug/ml



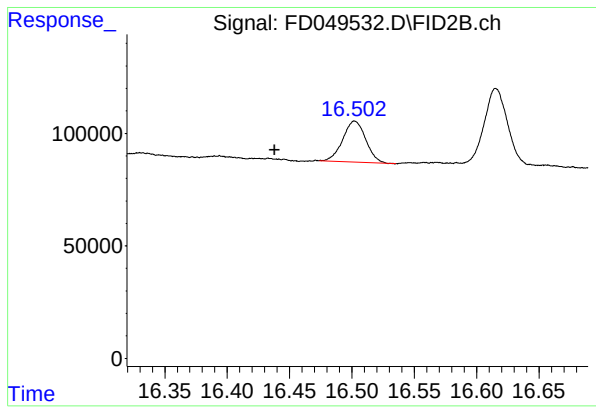
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.924 min
Delta R.T.: 0.066 min
Response: 109910
Conc: 0.74 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.924 min
Delta R.T.: 0.025 min
Response: 109910
Conc: 0.74 ug/ml



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

R.T.: 16.502 min
Delta R.T.: 0.064 min
Response: 234067
Conc: 1.76 ug/ml