

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062725AR\
 Data File : FD049529.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2025 13:13
 Operator : YP/AJ
 Sample : Q2418-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 28 02:40:39 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...	7.736	6163721	48.341 ug/ml
Spiked Amount 50.000		Recovery =	96.68%
6) S 2-Fluorobiphenyl (SURR)	8.608	4278911	48.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.38%
11) S ortho-Terphenyl (SURR)	11.618	15080412	95.092 ug/ml
Spiked Amount 50.000		Recovery =	190.18%
Target Compounds			
2) T Naphthalene (C11.7)	6.016f	90194	0.672 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	160689	1.137 ug/ml
5) T Acenaphthylene (C15.06)	8.403	936534	5.990 ug/ml
7) T Acenaphthene (C15.5)	8.698	4235727	28.271 ug/ml
8) T Flouorene (C16.55)	9.479	8401031	54.610 ug/ml
9) T Phenanthrene (C19.36)	10.876	13912334	87.300 ug/ml
10) T Anthracene (C19.43)	10.942	21407557	136.351 ug/ml
12) T Fluoranthene (C21.85)	12.698	97279	0.614 ug/ml
13) T Pyrene (C20.8)	12.994	5312690	33.580 ug/ml
14) T Benzo[a]anthracene (C...	14.863	2563874	17.373 ug/ml
15) T Chrysene (C27.41)	14.903	1164847	7.815 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.746	384112	2.810 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	170148	1.331 ug/ml

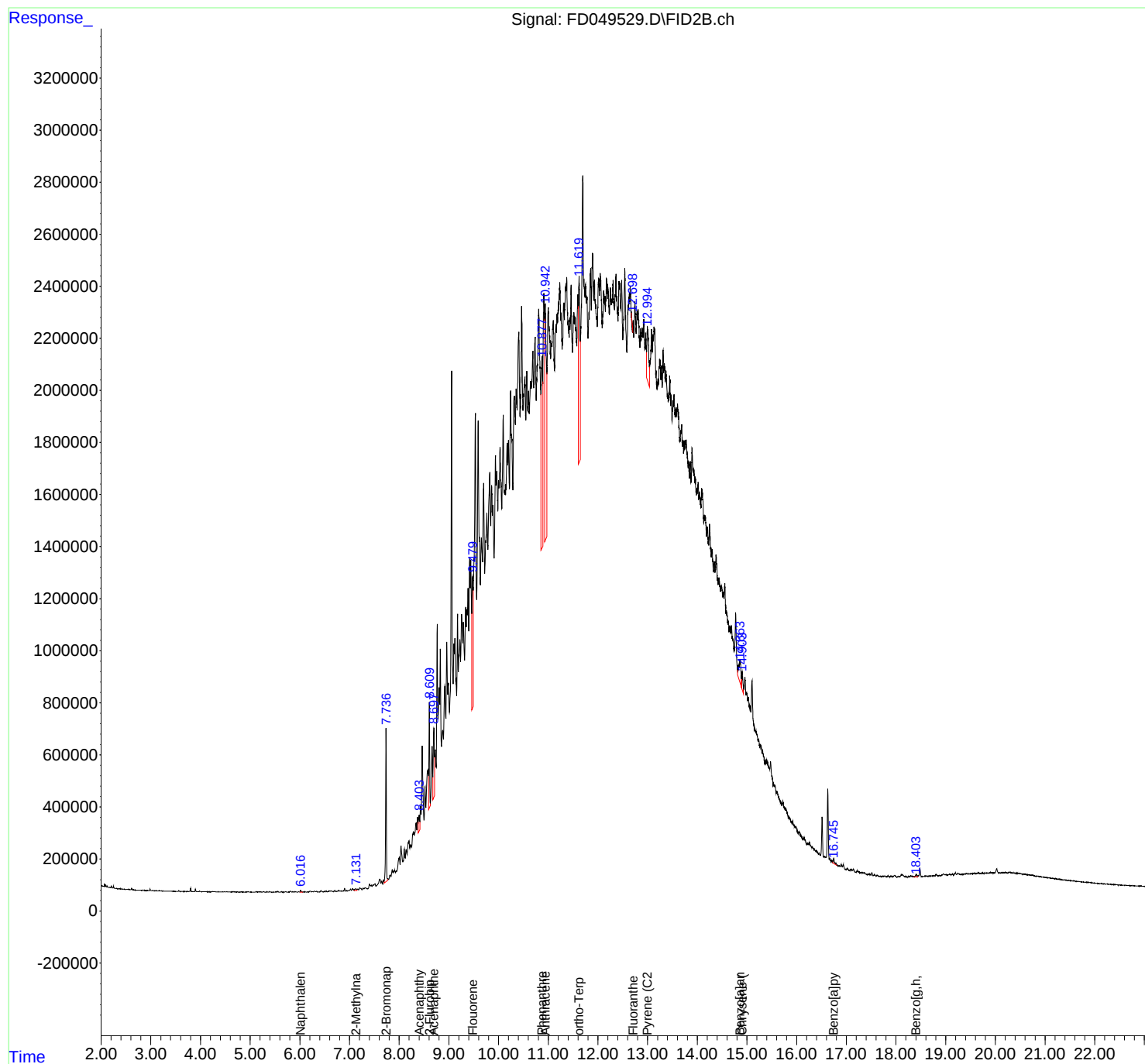
(f)=RT Delta > 1/2 Window

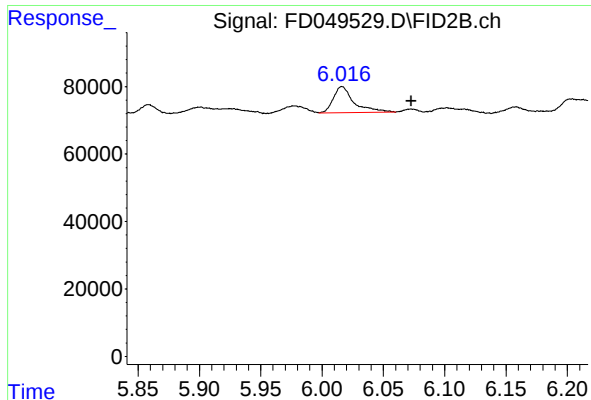
(m)=manual int.

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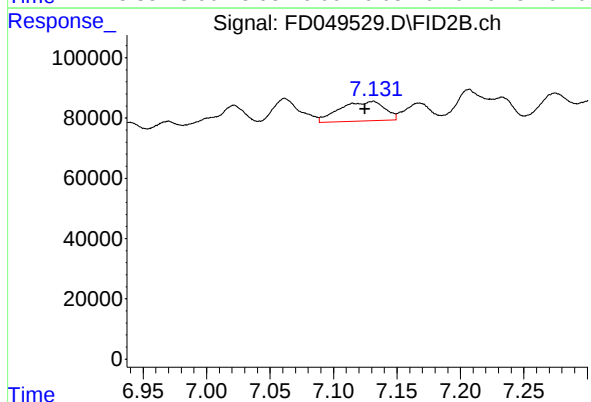
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





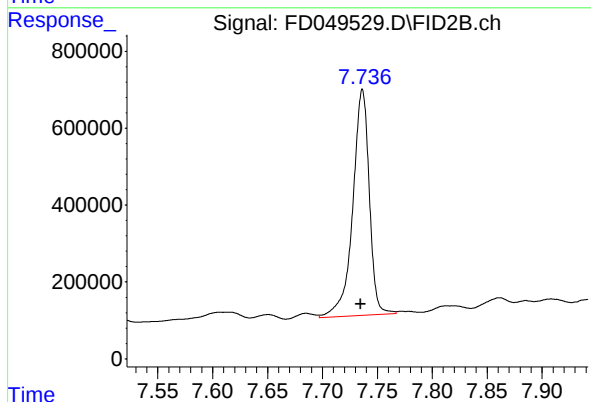
#2 Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.057 min
Response: 90194
Conc: 0.67 ug/ml



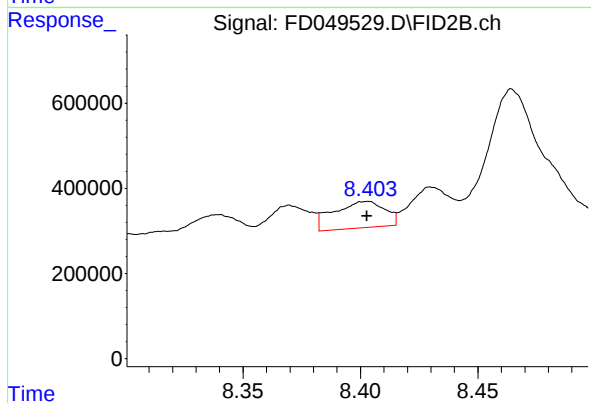
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: 0.006 min
Response: 160689
Conc: 1.14 ug/ml



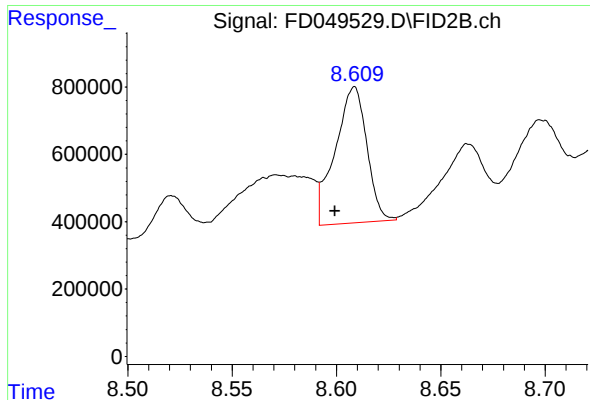
#4 2-Bromonaphthalene (SURR)

R.T.: 7.736 min
Delta R.T.: 0.002 min
Response: 6163721
Conc: 48.34 ug/ml



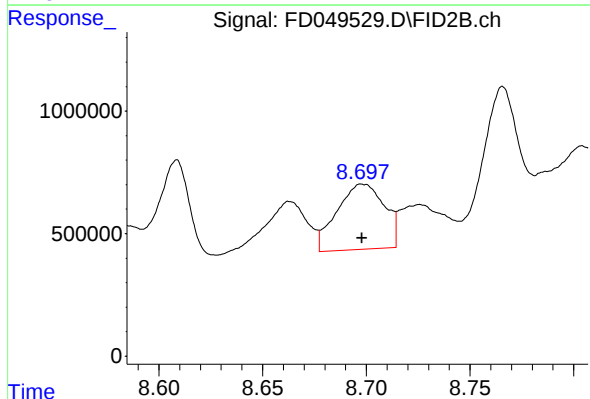
#5 Acenaphthylene (C15.06)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 936534
Conc: 5.99 ug/ml



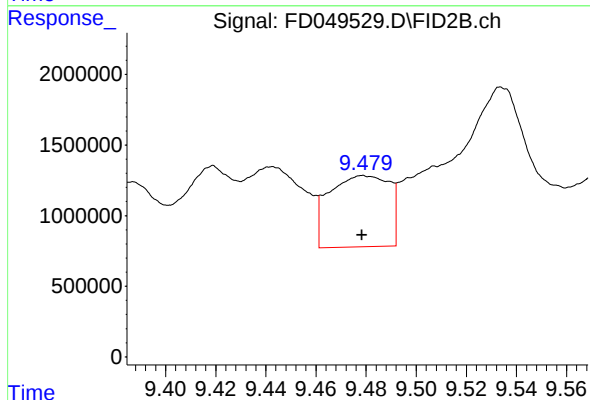
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.608 min
Delta R.T.: 0.009 min
Response: 4278911
Conc: 48.19 ug/ml



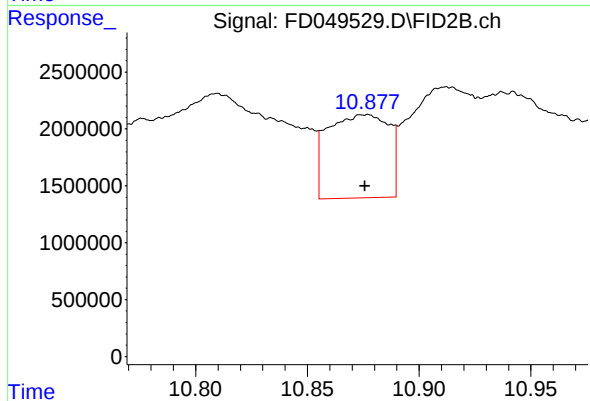
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 4235727
Conc: 28.27 ug/ml



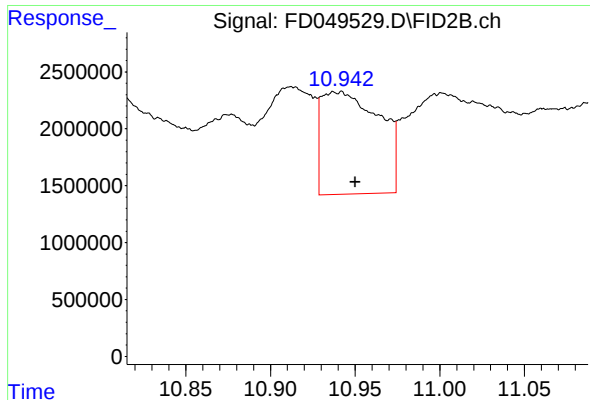
#8 Flouorene (C16.55)

R.T.: 9.479 min
Delta R.T.: 0.000 min
Response: 8401031
Conc: 54.61 ug/ml



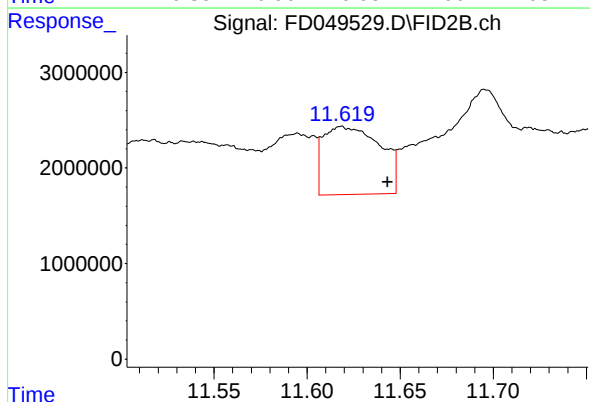
#9 Phenanthrene (C19.36)

R.T.: 10.876 min
Delta R.T.: 0.000 min
Response: 13912334
Conc: 87.30 ug/ml



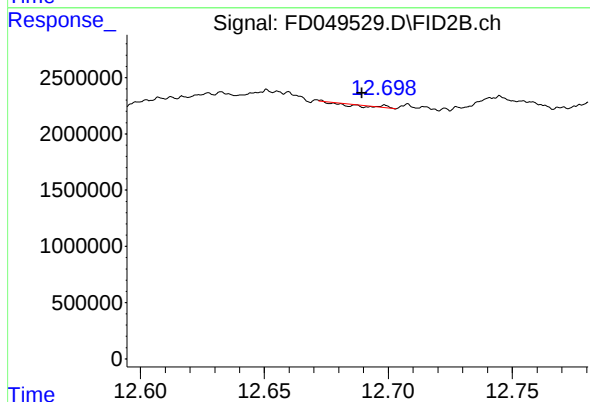
#10 Anthracene (C19.43)

R.T.: 10.942 min
Delta R.T.: -0.008 min
Response: 21407557
Conc: 136.35 ug/ml



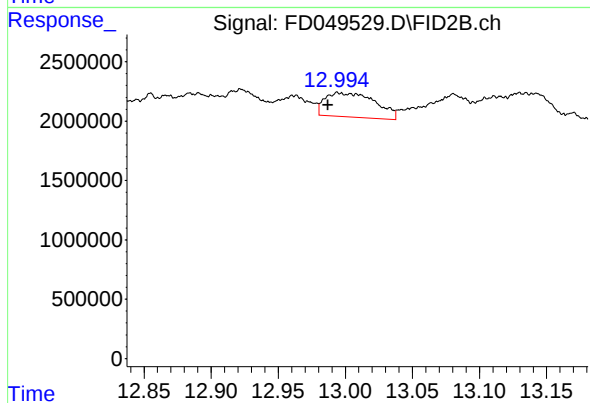
#11 ortho-Terphenyl (SURR)

R.T.: 11.618 min
Delta R.T.: -0.025 min
Response: 15080412
Conc: 95.09 ug/ml



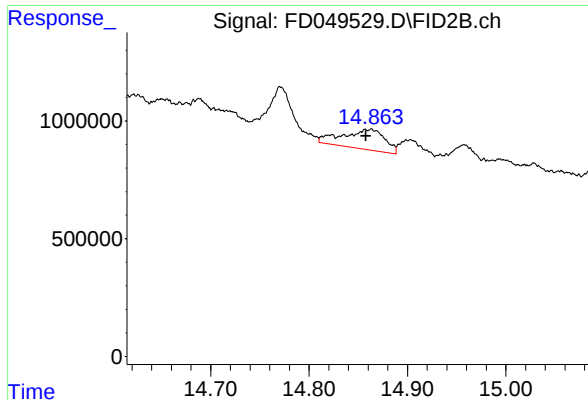
#12 Fluoranthene (C21.85)

R.T.: 12.698 min
Delta R.T.: 0.009 min
Response: 97279
Conc: 0.61 ug/ml



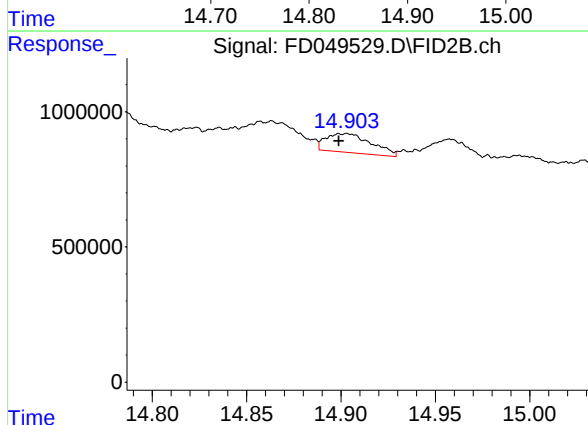
#13 Pyrene (C20.8)

R.T.: 12.994 min
Delta R.T.: 0.007 min
Response: 5312690
Conc: 33.58 ug/ml



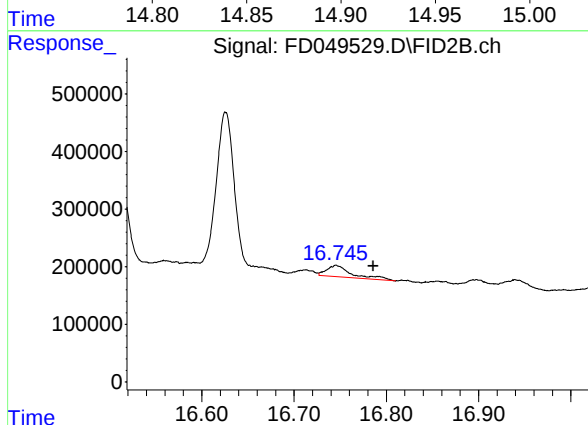
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: 0.005 min
Response: 2563874
Conc: 17.37 ug/ml



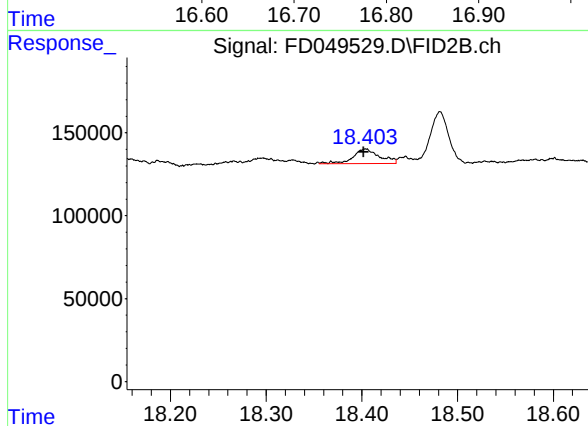
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: 0.004 min
Response: 1164847
Conc: 7.81 ug/ml



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

R.T.: 16.746 min
Delta R.T.: -0.040 min
Response: 384112
Conc: 2.81 ug/ml



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

R.T.: 18.404 min
Delta R.T.: 0.002 min
Response: 170148
Conc: 1.33 ug/ml