

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020724AR\
 Data File : FD047180.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2024 10:36
 Operator : YP/AJ
 Sample : P1354-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 12:27:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 2024
 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...	7.467	8389983	54.545 ug/ml
Spiked Amount 50.000		Recovery =	109.09%
6) S 2-Fluorobiphenyl (SURR)	8.319	4769372	46.684 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.37%
11) S ortho-Terphenyl (SURR)	11.358	9152514	51.369 ug/ml
Spiked Amount 50.000		Recovery =	102.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	984751	6.321 ug/ml
2) T Naphthalene (C11.7)	5.804	5405176	32.266 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	7655418	45.157 ug/ml
5) T Acenaphthylene (C15.06)	8.101	1219624	7.867 ug/ml
7) T Acenaphthene (C15.5)	8.416	3187857	19.304 ug/ml
8) T Flouorene (C16.55)	9.192	1594569	9.991 ug/ml
9) T Phenanthrene (C19.36)	10.581	1498453	9.466 ug/ml
10) T Anthracene (C19.43)	10.654	200208	1.306 ug/ml
12) T Fluoranthene (C21.85)	12.384	115179	0.722 ug/ml
13) T Pyrene (C20.8)	12.677	85066	0.550 ug/ml

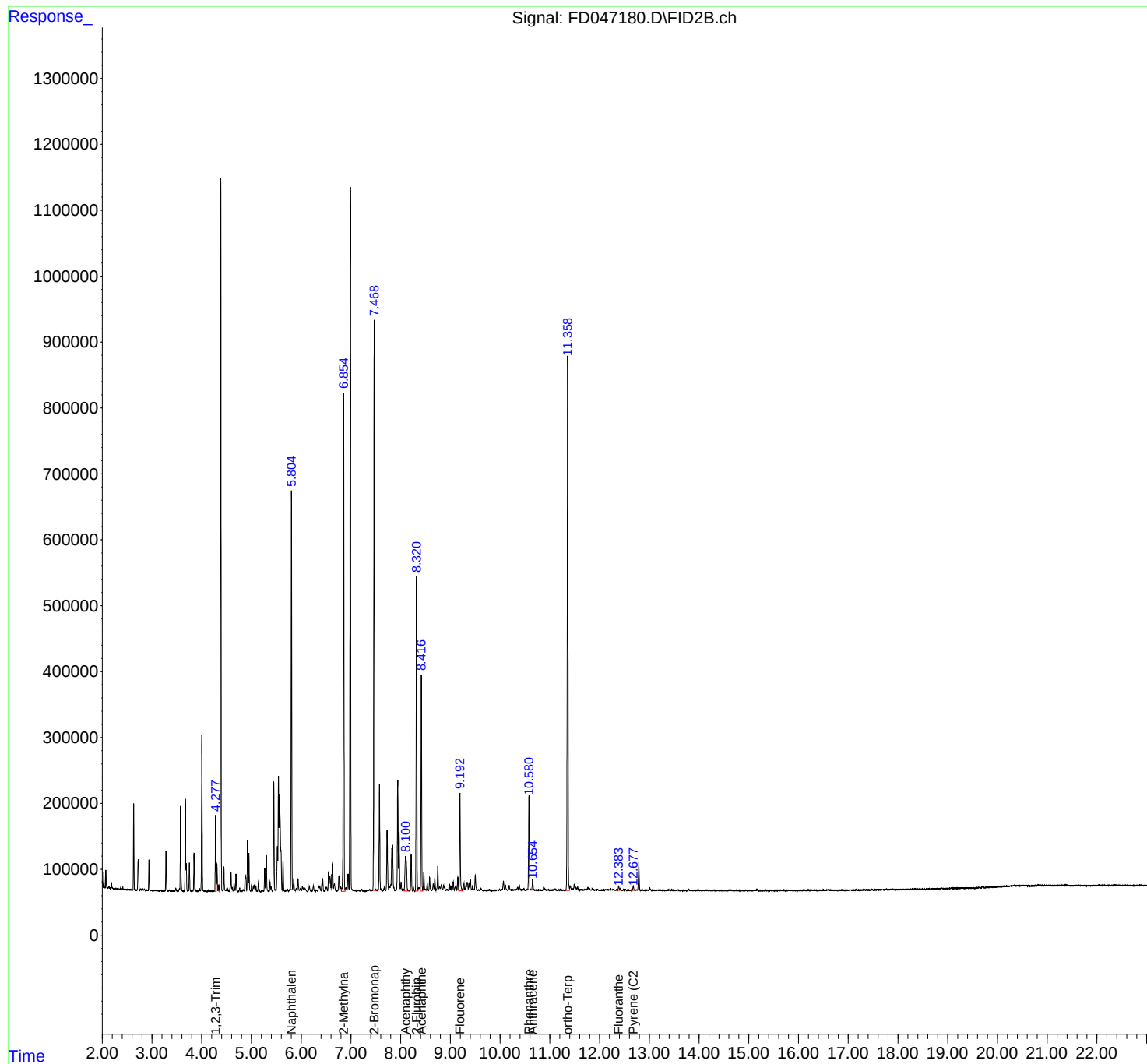
(f)=RT Delta > 1/2 Window

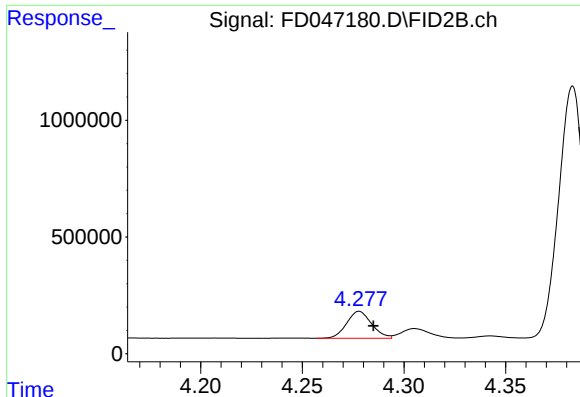
(m)=manual int.

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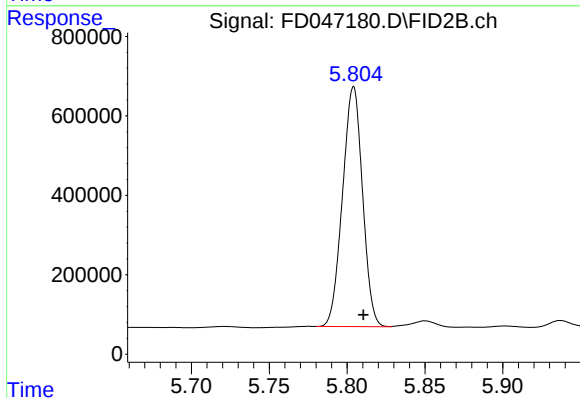
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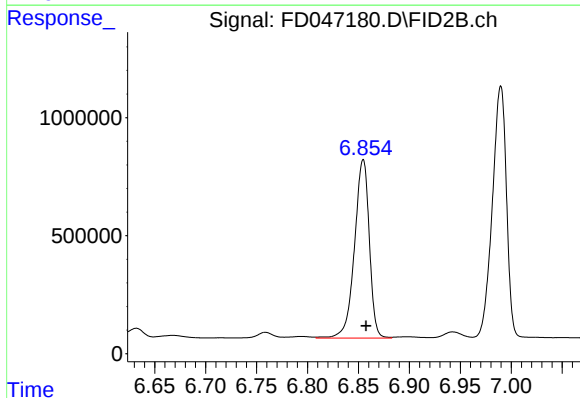
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: -0.007 min
Response: 984751
Conc: 6.32 ug/ml



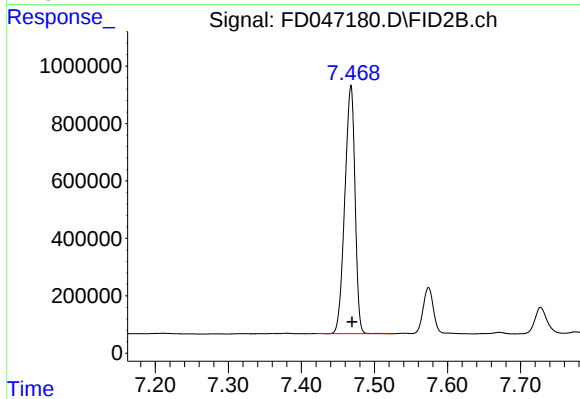
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.006 min
Response: 5405176
Conc: 32.27 ug/ml



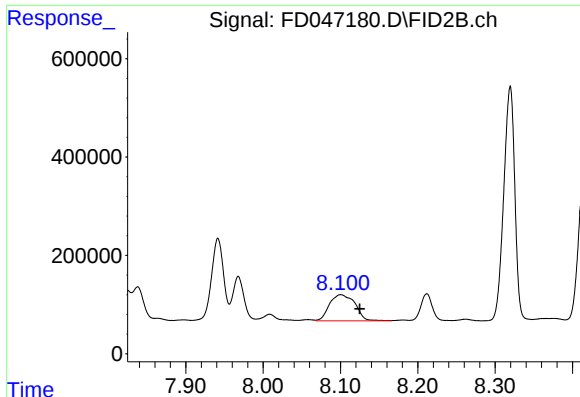
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 7655418
Conc: 45.16 ug/ml



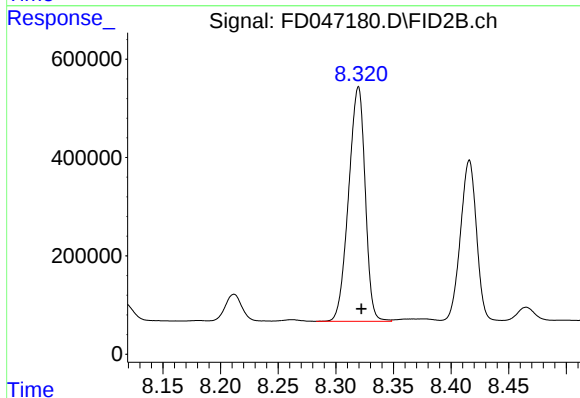
#4 2-Bromonaphthalene (SURR)

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 8389983
Conc: 54.55 ug/ml



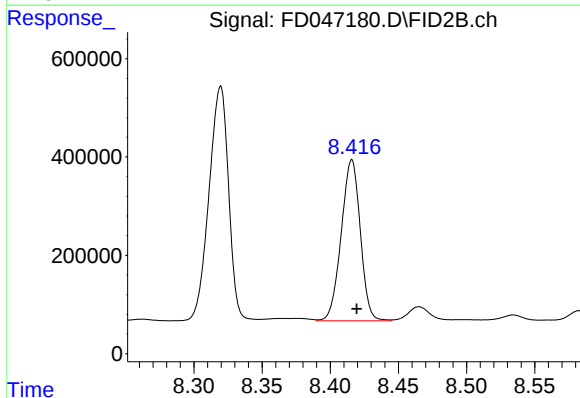
#5 Acenaphthylene (C15.06)

R.T.: 8.101 min
Delta R.T.: -0.024 min
Response: 1219624
Conc: 7.87 ug/ml



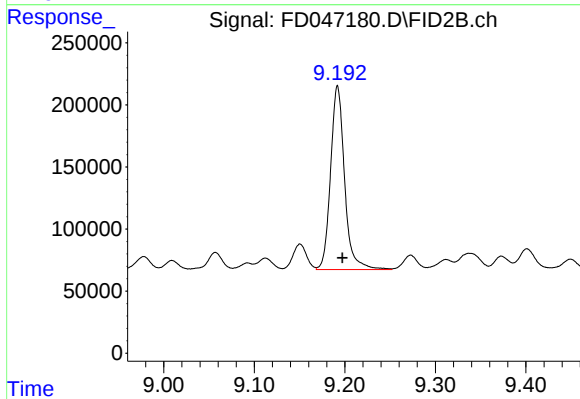
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: -0.003 min
Response: 4769372
Conc: 46.68 ug/ml



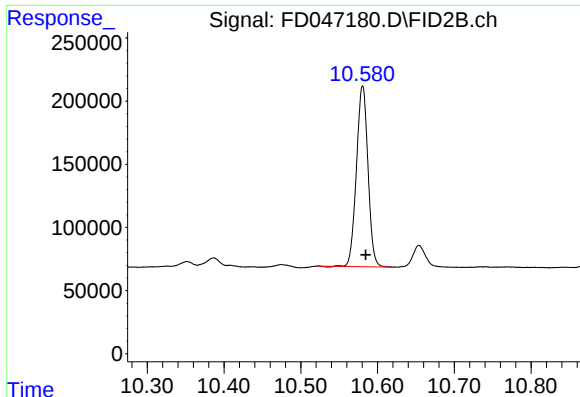
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: -0.004 min
Response: 3187857
Conc: 19.30 ug/ml



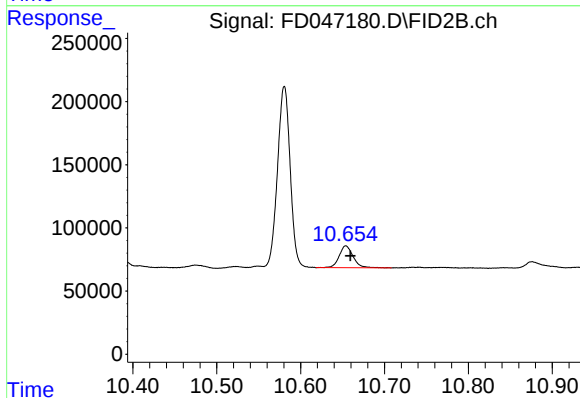
#8 Flouorene (C16.55)

R.T.: 9.192 min
Delta R.T.: -0.005 min
Response: 1594569
Conc: 9.99 ug/ml



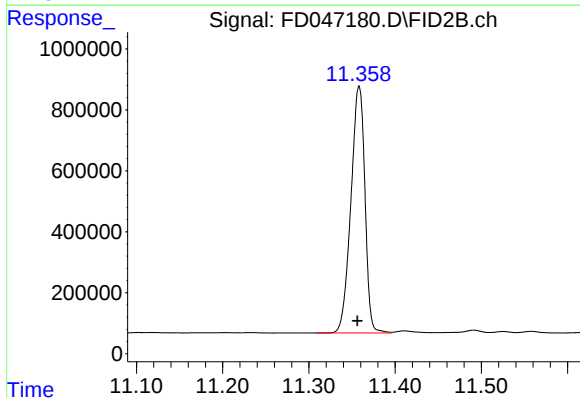
#9 Phenanthrene (C19.36)

R.T.: 10.581 min
Delta R.T.: -0.004 min
Response: 1498453
Conc: 9.47 ug/ml



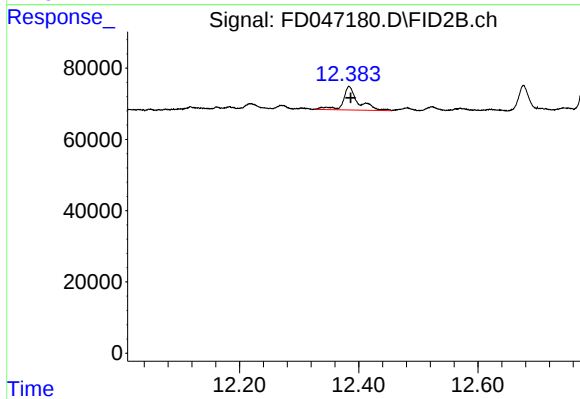
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: -0.005 min
Response: 200208
Conc: 1.31 ug/ml



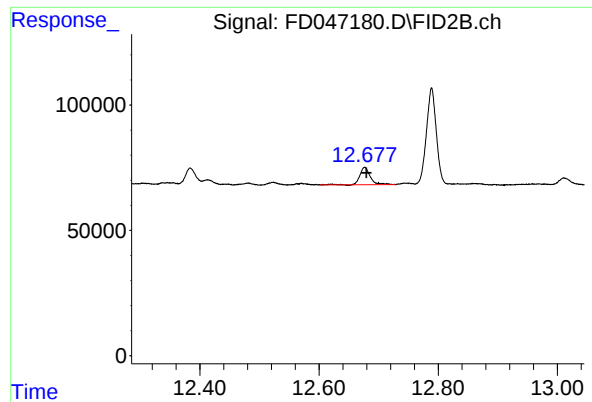
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.002 min
Response: 9152514
Conc: 51.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 115179
Conc: 0.72 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 85066
Conc: 0.55 ug/ml