

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072518\
 Data File : FD025194.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jul 2018 13:47
 Operator : AJ\SJ
 Sample : #4 FUEL OIL STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 05:08:52 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.449	204115	2.644 ug/ml
Spiked Amount 50.000		Recovery =	5.29%
6) S 2-Fluorobiphenyl (SURR)	8.300	381255	7.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	14.18%
11) S ortho-Terphenyl (SURR)	11.334	938845	11.063 ug/ml
Spiked Amount 50.000		Recovery =	22.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	223240	2.858 ug/ml
2) T Naphthalene (C11.7)	5.780	385978	4.480 ug/ml
3) T 2-Methylnaphthalene (...)	6.832	2754276	32.034 ug/ml
5) T Acenaphthylene (C15.06)	8.102	575918	6.780 ug/ml
7) T Acenaphthene (C15.5)	8.386	668063	7.503 ug/ml
8) T Flouorene (C16.55)	9.176	455530	5.115 ug/ml
9) T Phenanthrene (C19.36)	10.568	977604	10.915 ug/ml
10) T Anthracene (C19.43)	10.666	1124643	12.772 ug/ml
12) T Fluoranthene (C21.85)	12.375	297133	3.382 ug/ml
13) T Pyrene (C20.8)	12.668	224525	2.555 ug/ml
14) T Benzo[a]anthracene (C...	14.473f	205144	2.460 ug/ml
15) T Chrysene (C27.41)	14.635f	161211	1.914 ug/ml
20) T Dibenz[a,h]anthracene...	17.899	113324	1.238 ug/ml

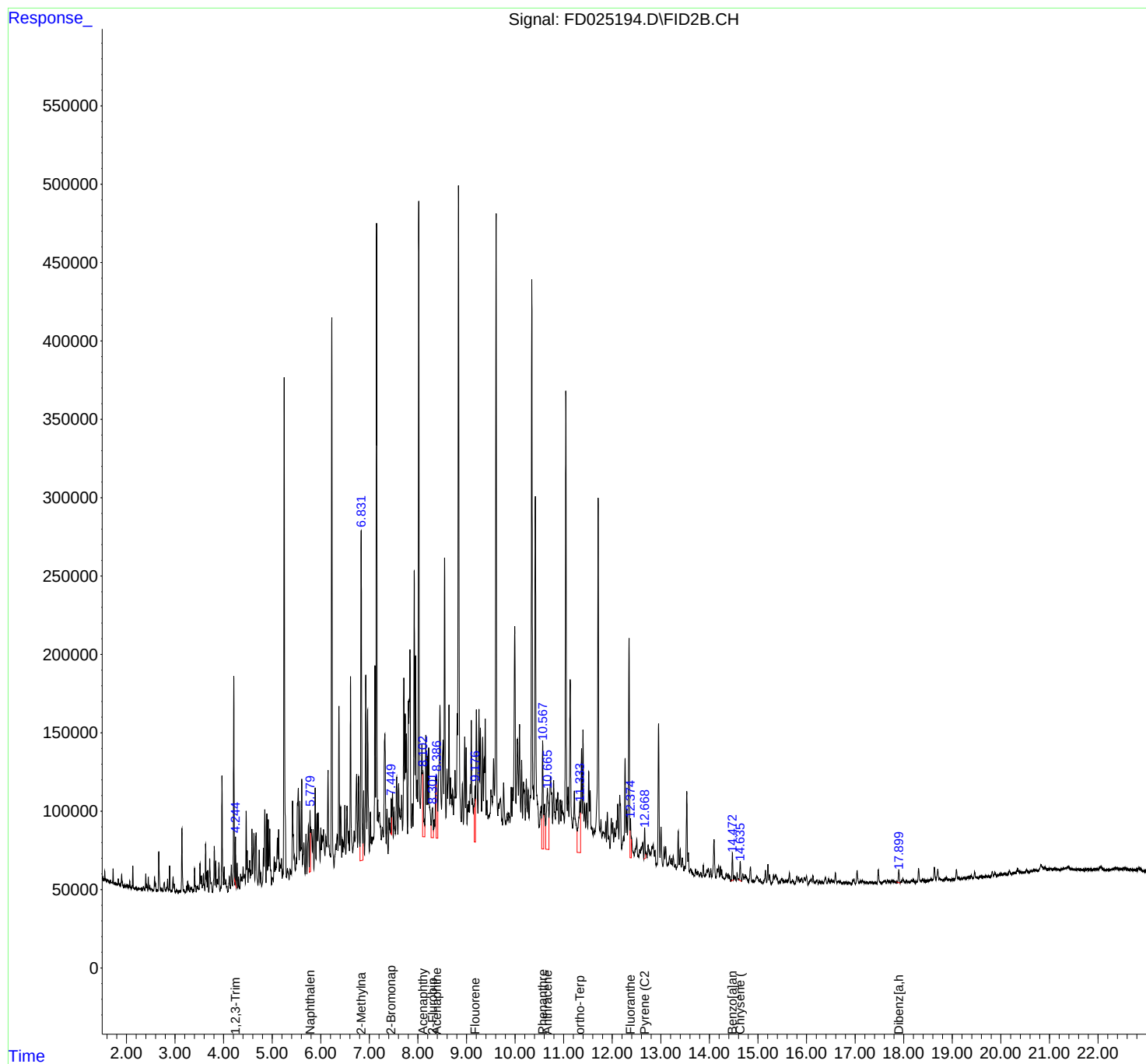
(f)=RT Delta > 1/2 Window

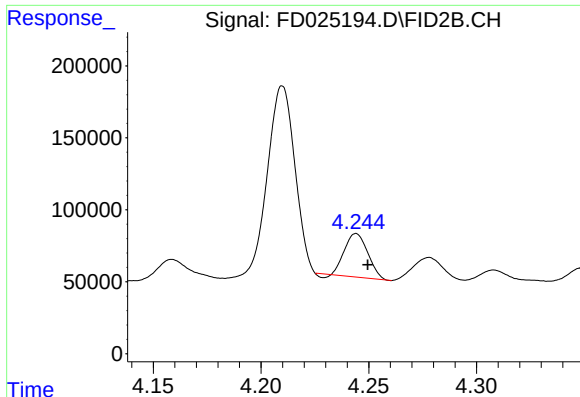
(m)=manual int.

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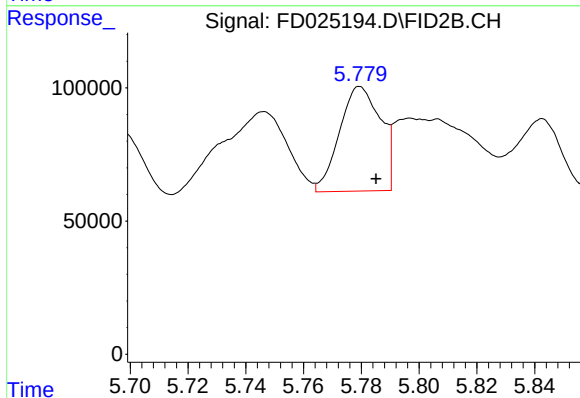
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Signal Info : 20M x 0.18mm x 0.18µm





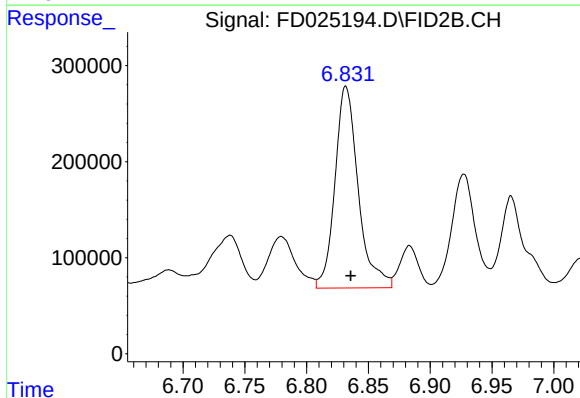
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.244 min
Delta R.T.: -0.005 min
Response: 223240
Conc: 2.86 ug/ml



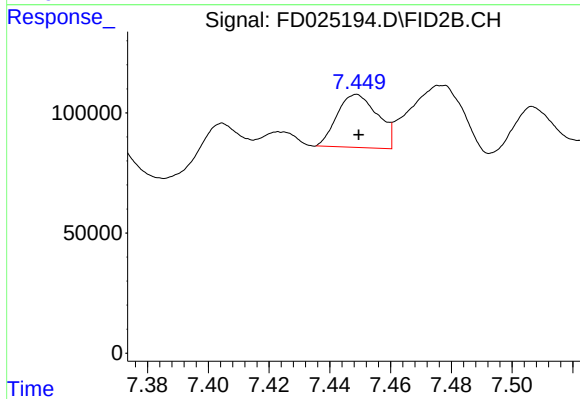
#2 Naphthalene (C11.7)

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 385978
Conc: 4.48 ug/ml



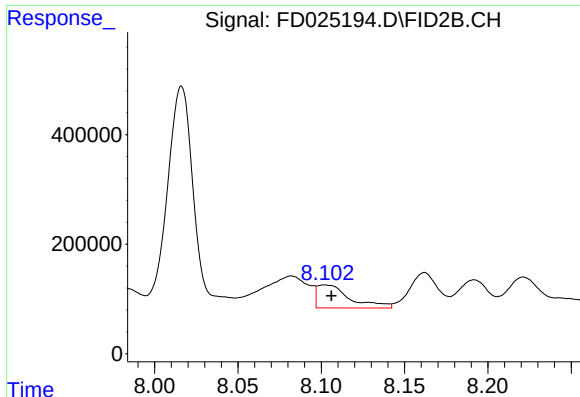
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 2754276
Conc: 32.03 ug/ml



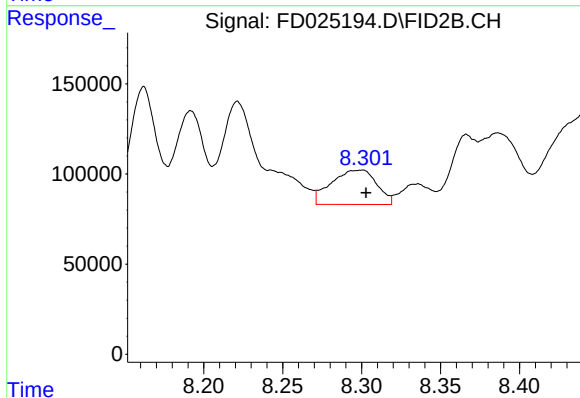
#4 2-Bromonaphthalene (SURR)

R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 204115
Conc: 2.64 ug/ml



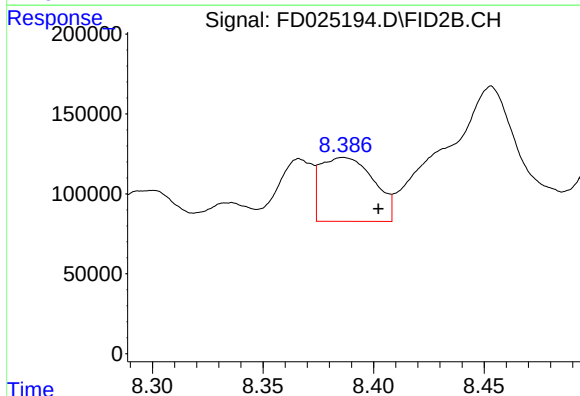
#5 Acenaphthylene (C15.06)

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 575918
Conc: 6.78 ug/ml



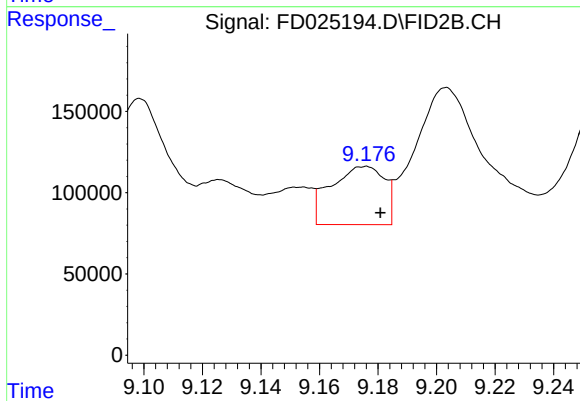
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.300 min
Delta R.T.: -0.003 min
Response: 381255
Conc: 7.09 ug/ml



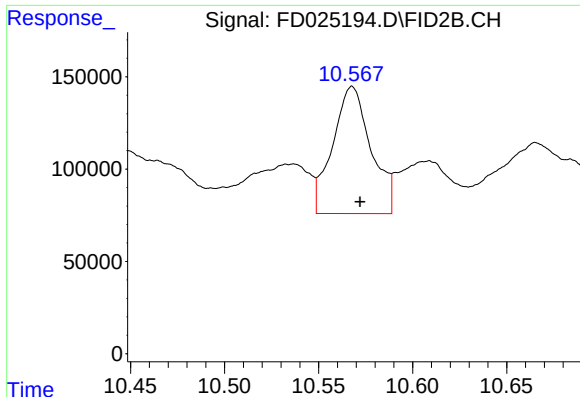
#7 Acenaphthene (C15.5)

R.T.: 8.386 min
Delta R.T.: -0.016 min
Response: 668063
Conc: 7.50 ug/ml



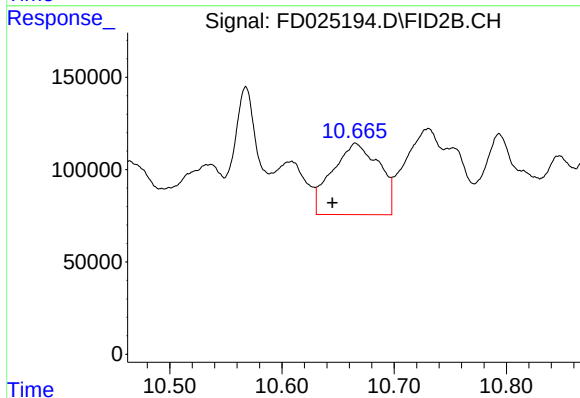
#8 Fluorene (C16.55)

R.T.: 9.176 min
Delta R.T.: -0.005 min
Response: 455530
Conc: 5.11 ug/ml



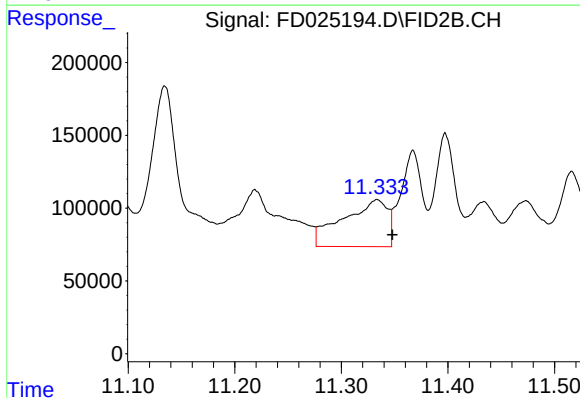
#9 Phenanthrene (C19.36)

R.T.: 10.568 min
Delta R.T.: -0.004 min
Response: 977604
Conc: 10.92 ug/ml



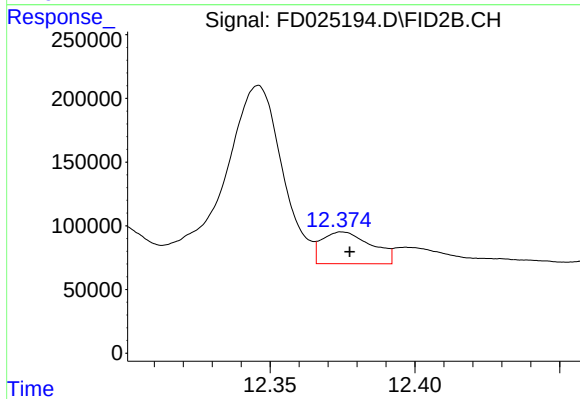
#10 Anthracene (C19.43)

R.T.: 10.666 min
Delta R.T.: 0.021 min
Response: 1124643
Conc: 12.77 ug/ml



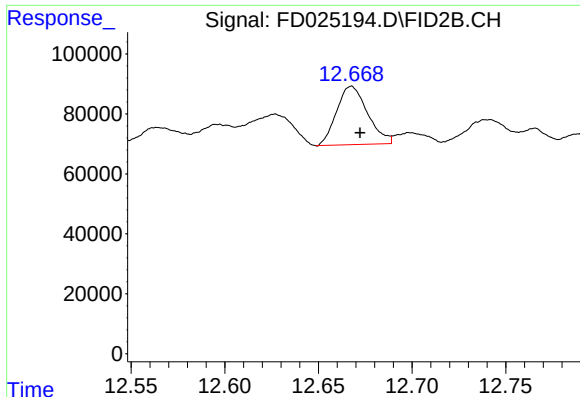
#11 ortho-Terphenyl (SURR)

R.T.: 11.334 min
Delta R.T.: -0.014 min
Response: 938845
Conc: 11.06 ug/ml



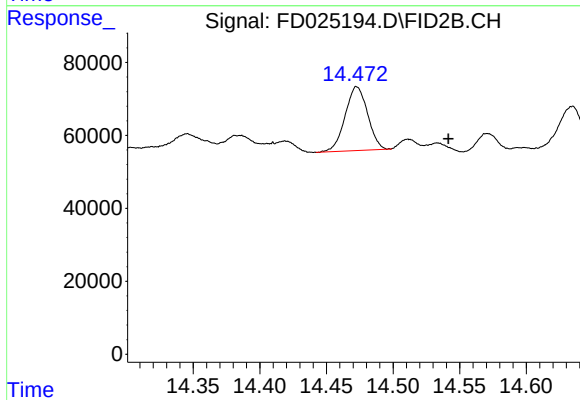
#12 Fluoranthene (C21.85)

R.T.: 12.375 min
Delta R.T.: -0.002 min
Response: 297133
Conc: 3.38 ug/ml



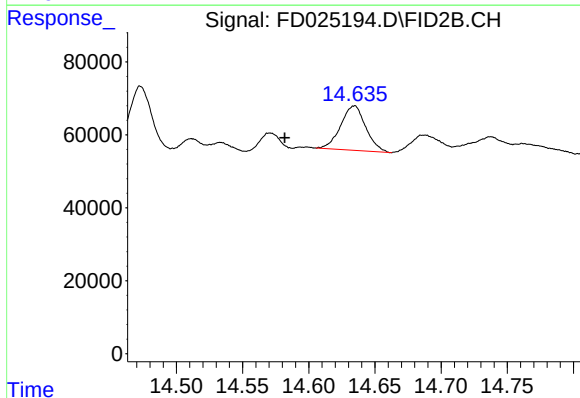
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.005 min
Response: 224525
Conc: 2.55 ug/ml



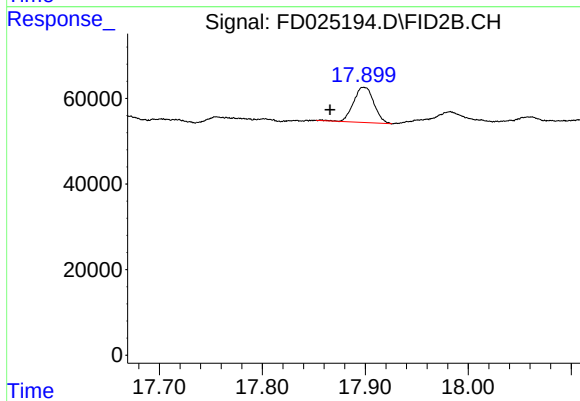
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: -0.069 min
Response: 205144
Conc: 2.46 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.635 min
Delta R.T.: 0.053 min
Response: 161211
Conc: 1.91 ug/ml



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

R.T.: 17.899 min
Delta R.T.: 0.033 min
Response: 113324
Conc: 1.24 ug/ml