

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072518\
 Data File : FD025195.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jul 2018 14:27
 Operator : AJ\SJ
 Sample : # 5 FUEL OIL STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 05:09:06 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...	7.451	107804	1.397 ug/ml
Spiked Amount 50.000		Recovery =	2.79%
6) S 2-Fluorobiphenyl (SURR)	8.366f	189695	3.528 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.06%
11) S ortho-Terphenyl (SURR)	11.333	275928	3.251 ug/ml
Spiked Amount 50.000		Recovery =	6.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.248	78334	1.003 ug/ml
2) T Naphthalene (C11.7)	5.782	277604	3.222 ug/ml
3) T 2-Methylnaphthalene (...)	6.832	1685082	19.598 ug/ml
5) T Acenaphthylene (C15.06)	8.083	1011589	11.910 ug/ml
7) T Acenaphthene (C15.5)	8.390	367126	4.123 ug/ml
8) T Flouorene (C16.55)	9.177	311962	3.503 ug/ml
9) T Phenanthrene (C19.36)	10.567	573836	6.407 ug/ml
10) T Anthracene (C19.43)	10.667	439429	4.990 ug/ml
12) T Fluoranthene (C21.85)	12.376	291964	3.323 ug/ml
13) T Pyrene (C20.8)	12.668	387145	4.405 ug/ml
14) T Benzo[a]anthracene (C...	14.573	77546	0.930 ug/ml
15) T Chrysene (C27.41)	14.573	77546	0.921 ug/ml
20) T Dibenz[a,h]anthracene...	17.900	90245	0.986 ug/ml

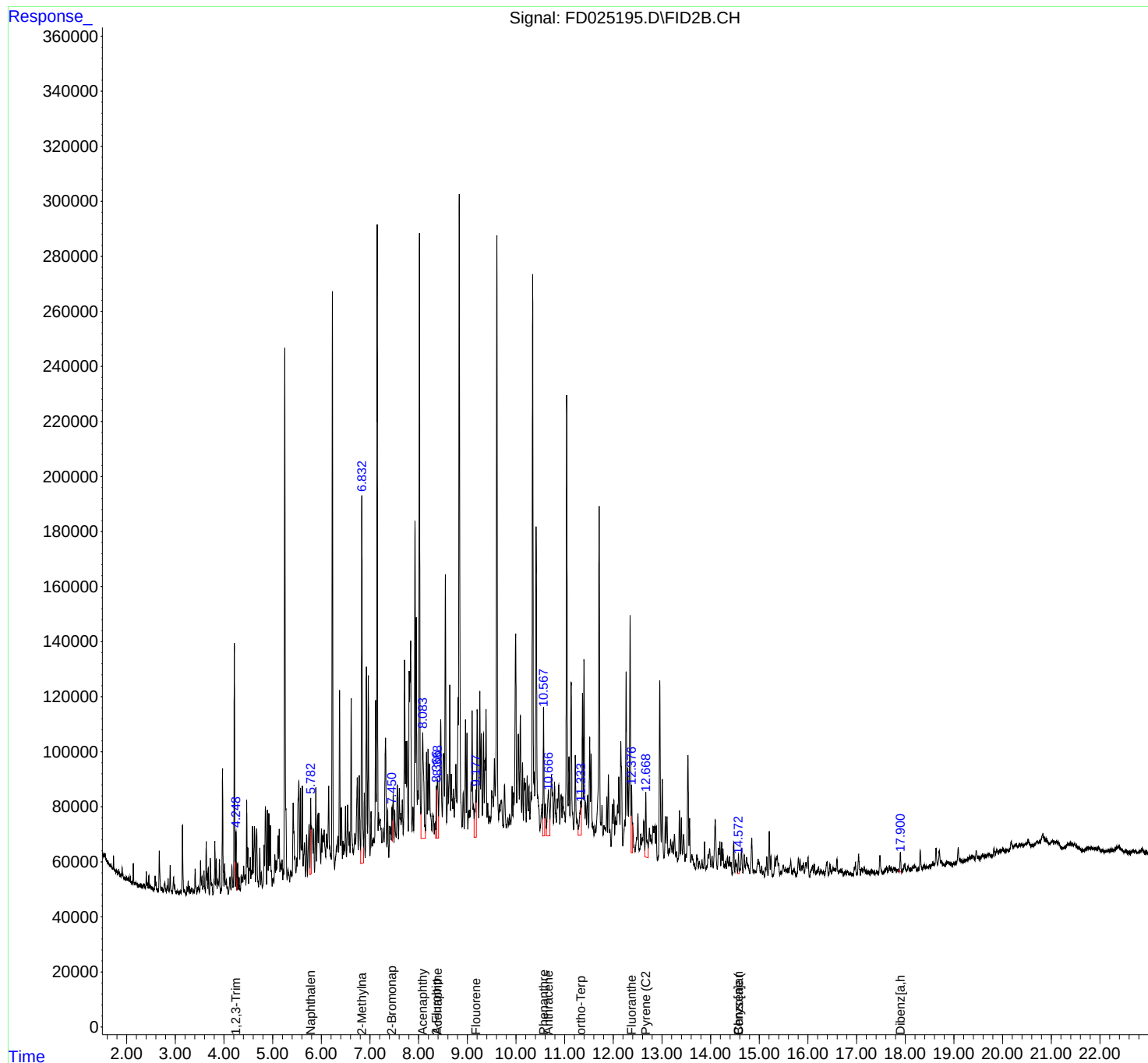
(f)=RT Delta > 1/2 Window

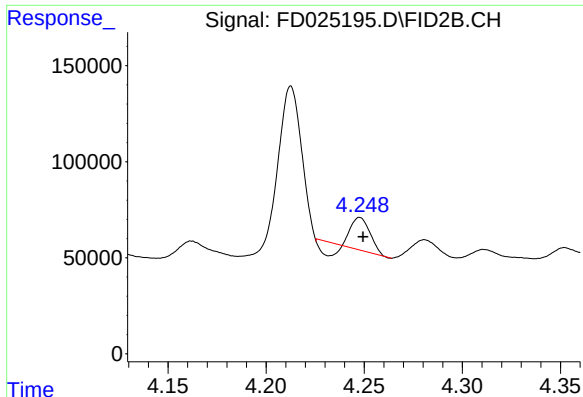
(m)=manual int.

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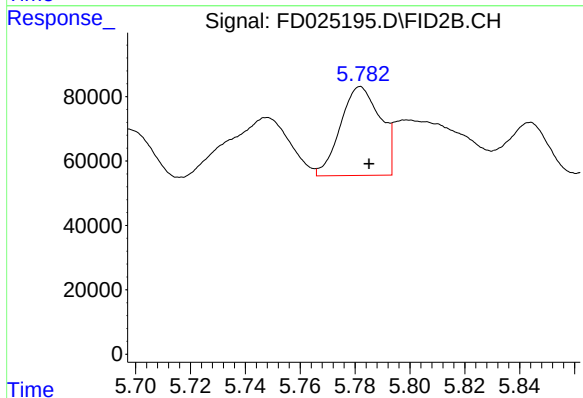
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Signal Info : 20M x 0.18mm x 0.18µm





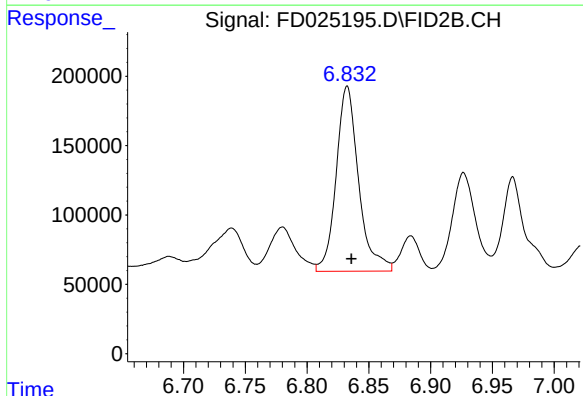
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.248 min
Delta R.T.: -0.002 min
Response: 78334
Conc: 1.00 ug/ml



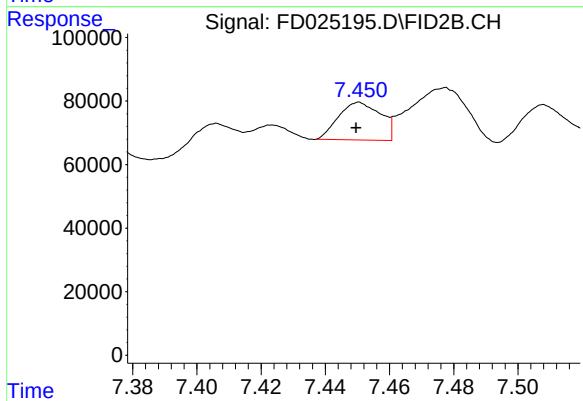
#2 Naphthalene (C11.7)

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 277604
Conc: 3.22 ug/ml



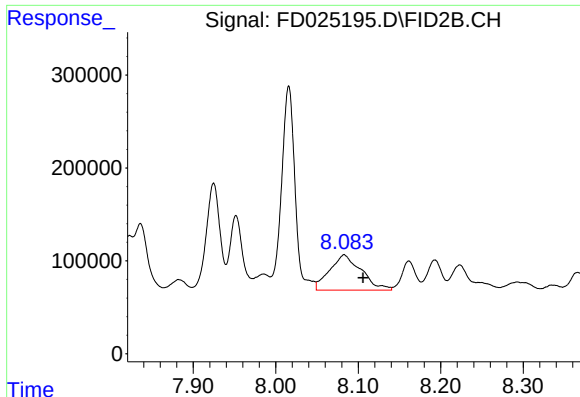
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 1685082
Conc: 19.60 ug/ml



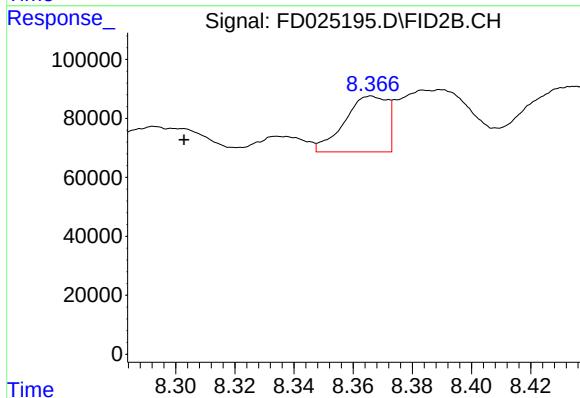
#4 2-Bromonaphthalene (SURR)

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 107804
Conc: 1.40 ug/ml



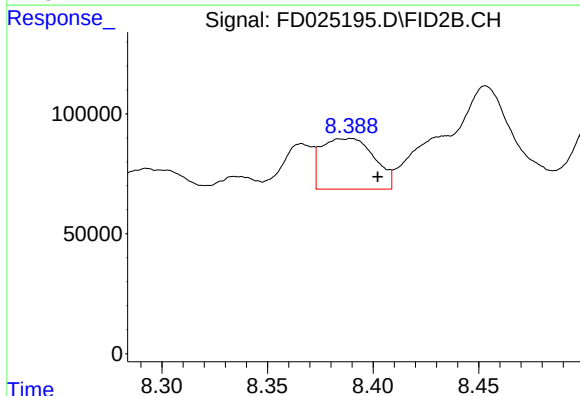
#5 Acenaphthylene (C15.06)

R.T.: 8.083 min
Delta R.T.: -0.023 min
Response: 1011589
Conc: 11.91 ug/ml



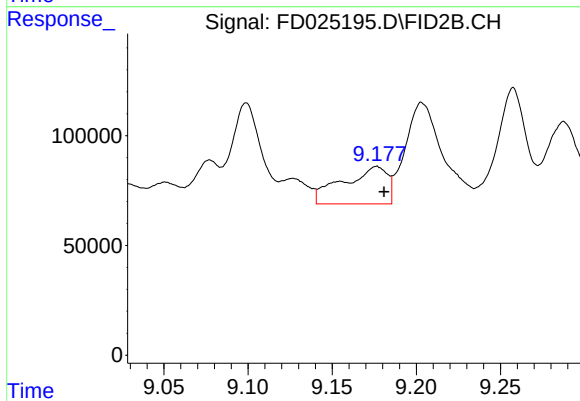
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.366 min
Delta R.T.: 0.063 min
Response: 189695
Conc: 3.53 ug/ml



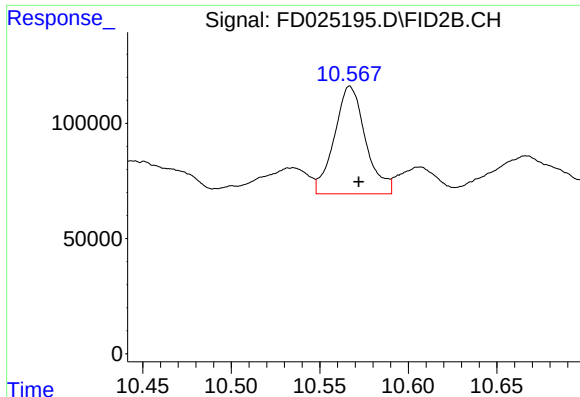
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.013 min
Response: 367126
Conc: 4.12 ug/ml



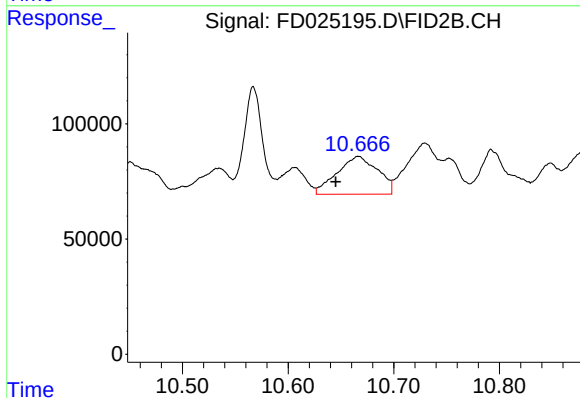
#8 Flouorene (C16.55)

R.T.: 9.177 min
Delta R.T.: -0.004 min
Response: 311962
Conc: 3.50 ug/ml



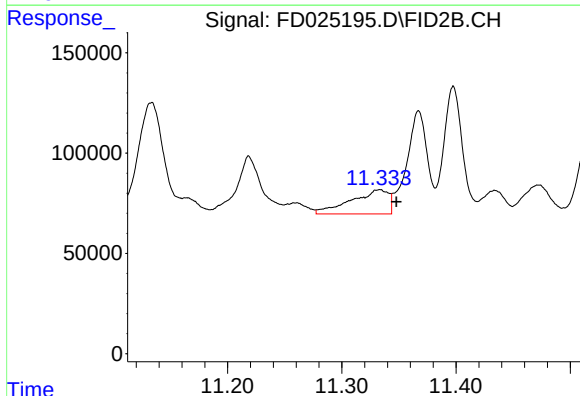
#9 Phenanthrene (C19.36)

R.T.: 10.567 min
Delta R.T.: -0.005 min
Response: 573836
Conc: 6.41 ug/ml



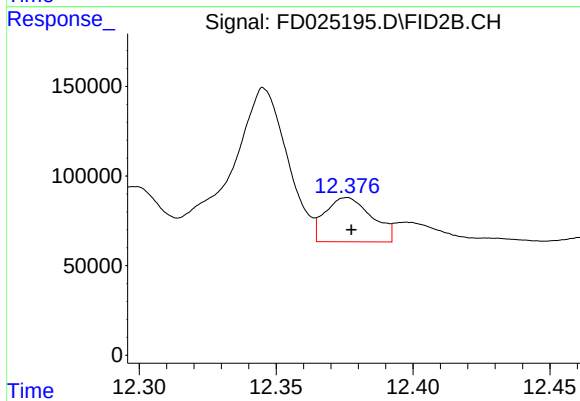
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.022 min
Response: 439429
Conc: 4.99 ug/ml



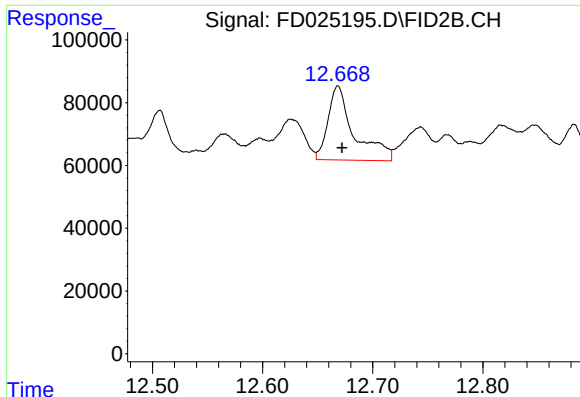
#11 ortho-Terphenyl (SURR)

R.T.: 11.333 min
Delta R.T.: -0.015 min
Response: 275928
Conc: 3.25 ug/ml



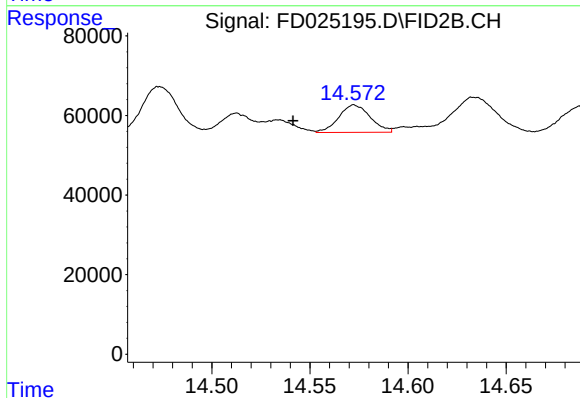
#12 Fluoranthene (C21.85)

R.T.: 12.376 min
Delta R.T.: -0.002 min
Response: 291964
Conc: 3.32 ug/ml



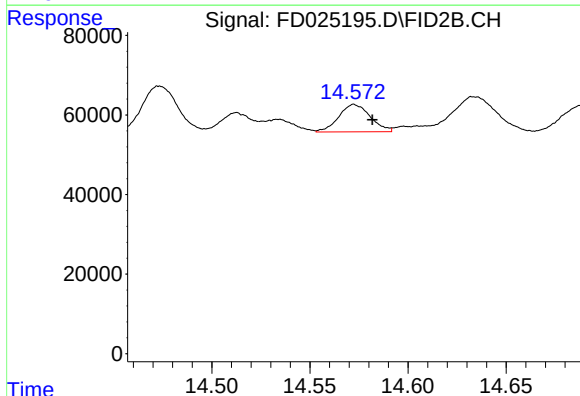
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.004 min
Response: 387145
Conc: 4.41 ug/ml



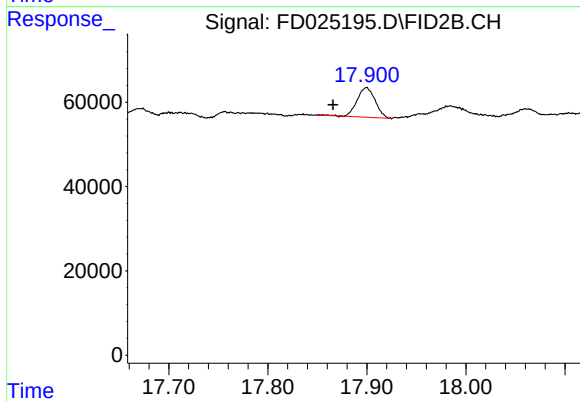
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.573 min
Delta R.T.: 0.031 min
Response: 77546
Conc: 0.93 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.573 min
Delta R.T.: -0.009 min
Response: 77546
Conc: 0.92 ug/ml



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

R.T.: 17.900 min
Delta R.T.: 0.034 min
Response: 90245
Conc: 0.99 ug/ml