

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046426.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 14:01
 Operator : YP/AJ
 Sample : 04255-01DL 10X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 06 00:11:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 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...	7.502	9748889	57.725 ug/ml
Spiked Amount 50.000		Recovery =	115.45%
6) S 2-Fluorobiphenyl (SURR)	8.356	7071952	63.545 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.09%
11) S ortho-Terphenyl (SURR)	11.393	4543399	23.165 ug/ml
Spiked Amount 50.000		Recovery =	46.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	116778	0.665 ug/ml
2) T Naphthalene (C11.7)	5.837	5460849	29.629 ug/ml
3) T 2-Methylnaphthalene (...)	6.905	39501193	212.745 ug/ml
5) T Acenaphthylene (C15.06)	8.153	22346020	131.310 ug/ml
7) T Acenaphthene (C15.5)	8.452	5017168	27.848 ug/ml
8) T Fluorene (C16.55)	9.237	6564188	37.532 ug/ml
9) T Phenanthrene (C19.36)	10.629	11076687	64.559 ug/ml
10) T Anthracene (C19.43)	10.719	8808169	52.213 ug/ml
12) T Fluoranthene (C21.85)	12.428	7962139	47.858 ug/ml
13) T Pyrene (C20.8)	12.719	4635273	28.759 ug/ml
15) T Chrysene (C27.41)	14.665	325835	2.197 ug/ml

(f)=RT Delta > 1/2 Window

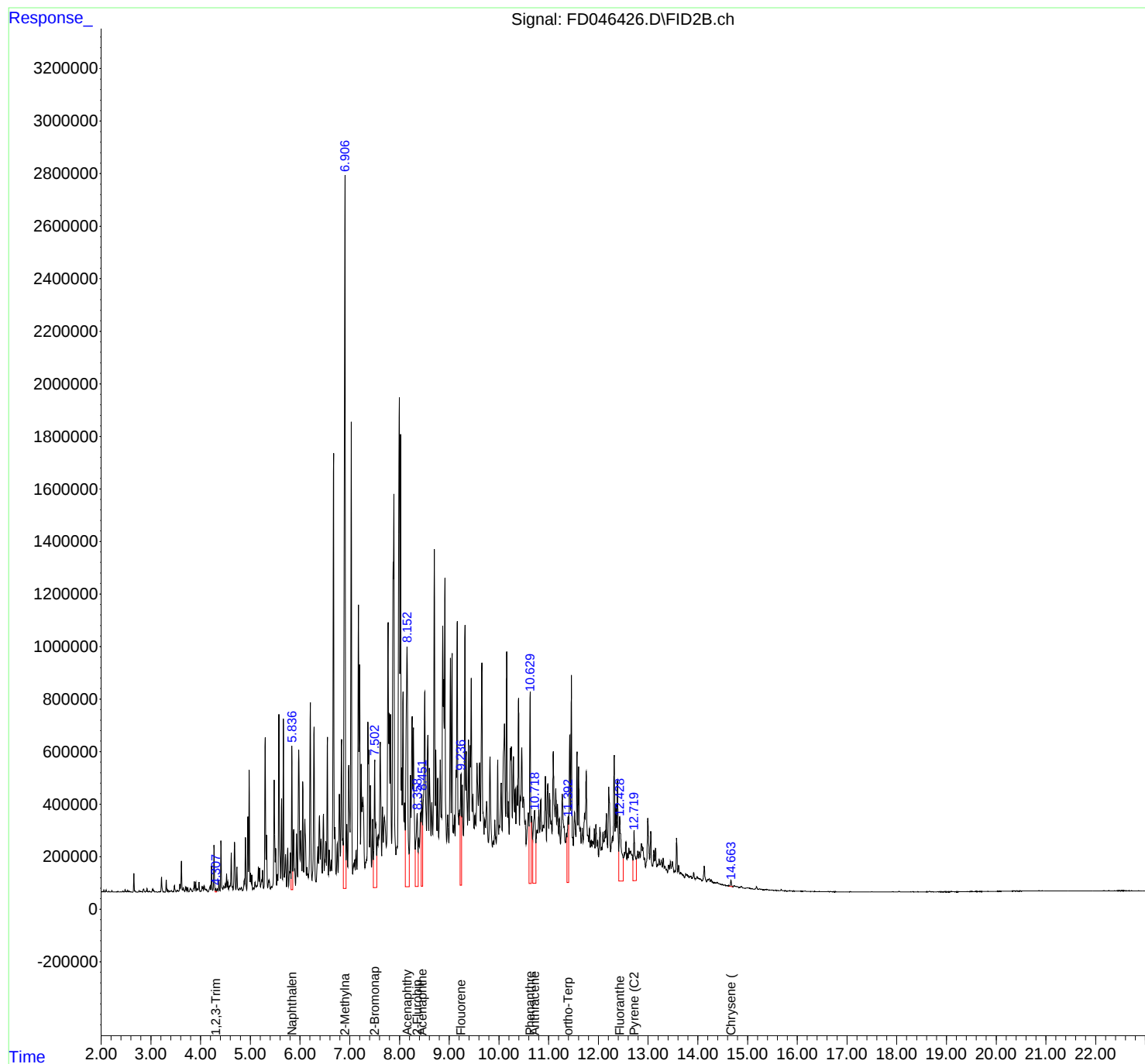
(m)=manual int.

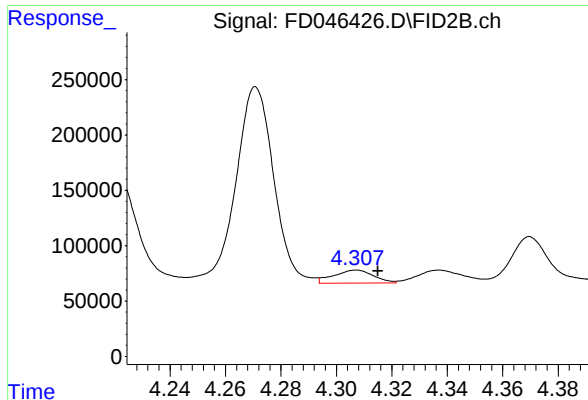
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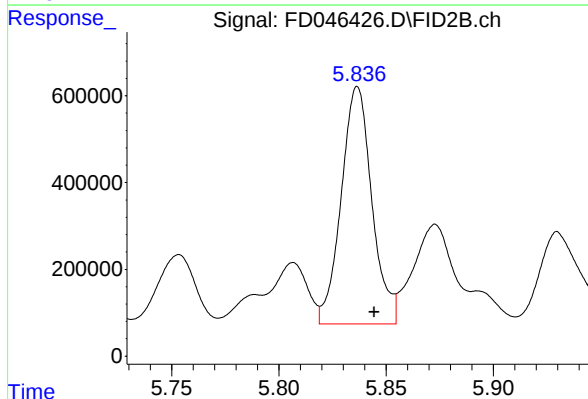




#1 1,2,3-Trimethylbenzene (C10.1)

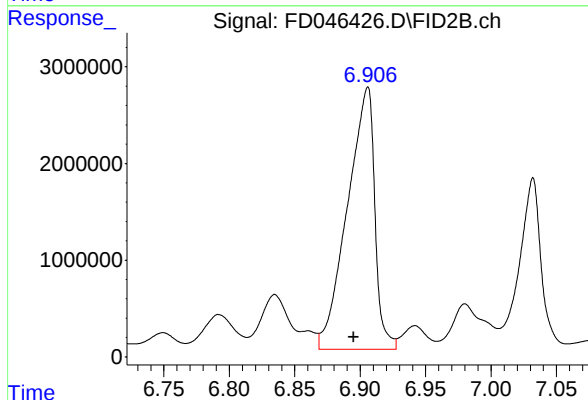
R.T.: 4.307 min
Delta R.T.: -0.008 min
Response: 116778
Conc: 0.66 ug/ml

Instrument :
FID_D
ClientSampleId :



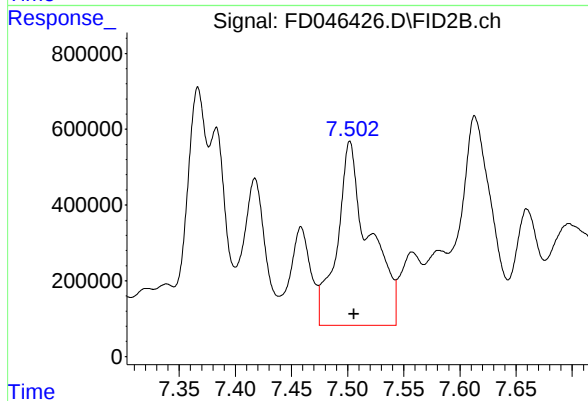
#2 Naphthalene (C11.7)

R.T.: 5.837 min
Delta R.T.: -0.008 min
Response: 5460849
Conc: 29.63 ug/ml



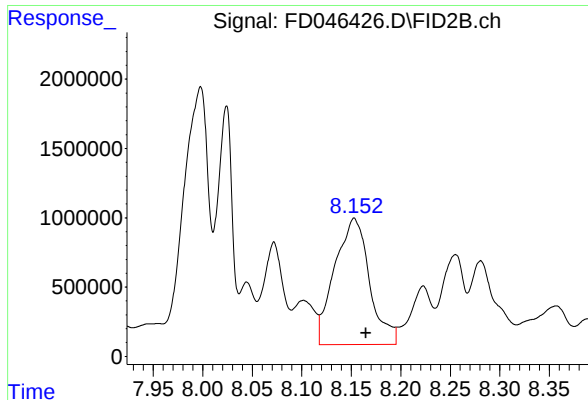
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: 0.010 min
Response: 39501193
Conc: 212.75 ug/ml



#4 2-Bromonaphthalene (SURR)

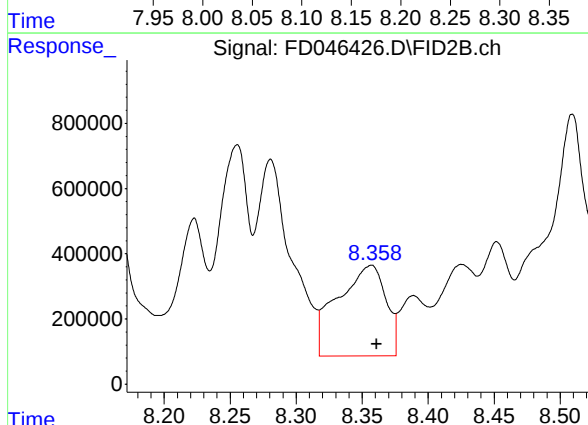
R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 9748889
Conc: 57.72 ug/ml



#5 Acenaphthylene (C15.06)

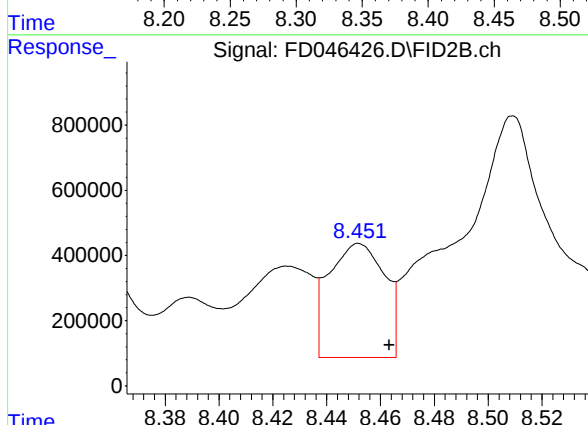
R.T.: 8.153 min
Delta R.T.: -0.012 min
Response: 22346020
Conc: 131.31 ug/ml

Instrument :
FID_D
ClientSampleId :



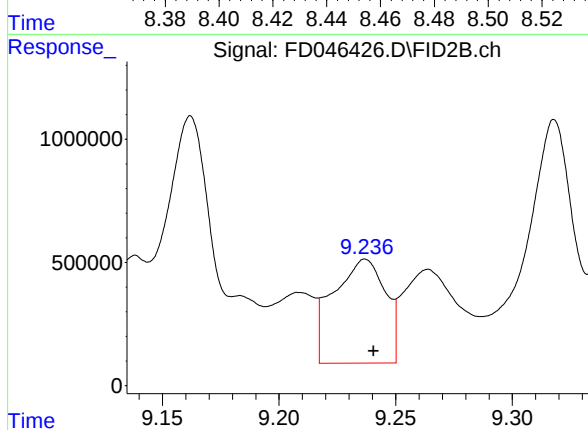
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.356 min
Delta R.T.: -0.005 min
Response: 7071952
Conc: 63.55 ug/ml



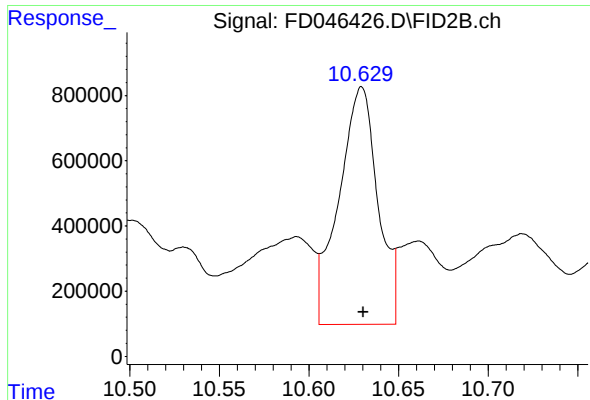
#7 Acenaphthene (C15.5)

R.T.: 8.452 min
Delta R.T.: -0.011 min
Response: 5017168
Conc: 27.85 ug/ml



#8 Flouorene (C16.55)

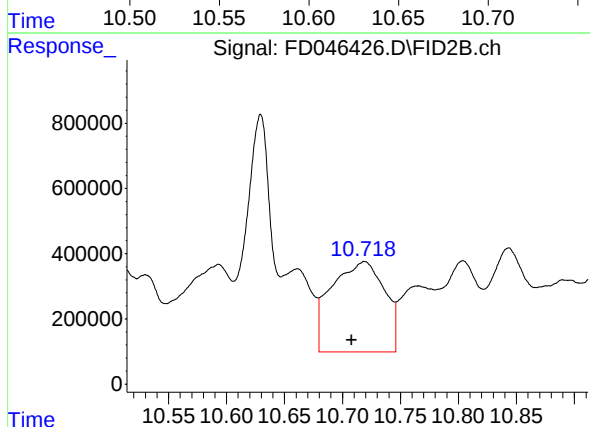
R.T.: 9.237 min
Delta R.T.: -0.004 min
Response: 6564188
Conc: 37.53 ug/ml



#9 Phenanthrene (C19.36)

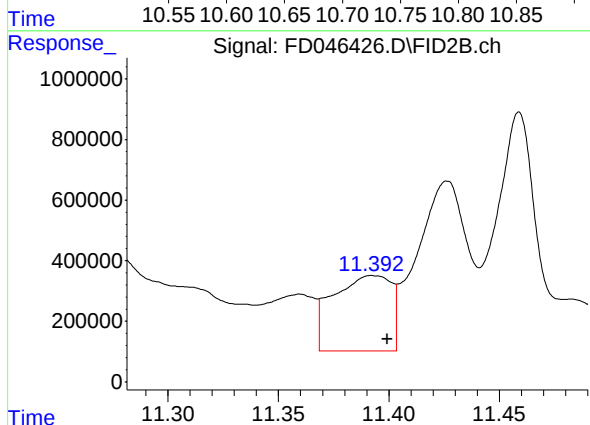
R.T.: 10.629 min
Delta R.T.: -0.001 min
Response: 11076687
Conc: 64.56 ug/ml

Instrument :
FID_D
ClientSampleId :



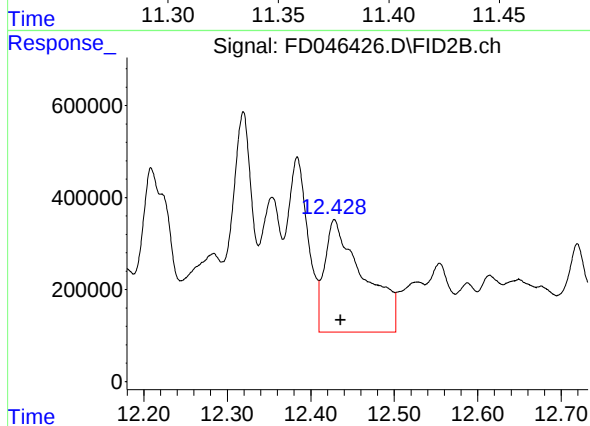
#10 Anthracene (C19.43)

R.T.: 10.719 min
Delta R.T.: 0.011 min
Response: 8808169
Conc: 52.21 ug/ml



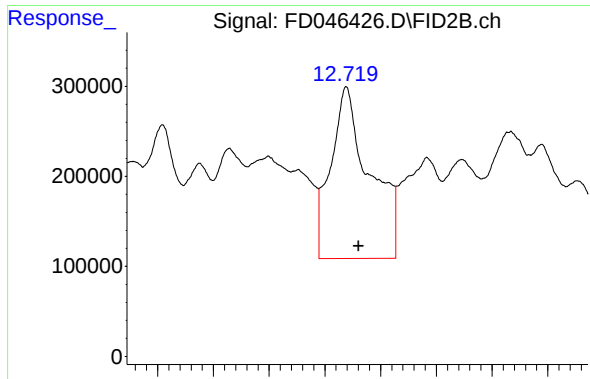
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: -0.006 min
Response: 4543399
Conc: 23.17 ug/ml



#12 Fluoranthene (C21.85)

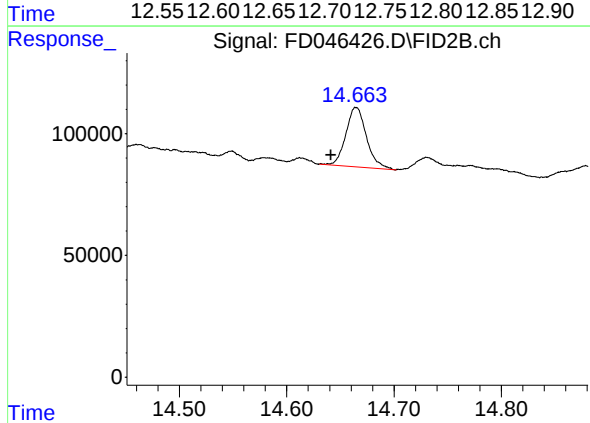
R.T.: 12.428 min
Delta R.T.: -0.007 min
Response: 7962139
Conc: 47.86 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.719 min
Delta R.T.: -0.011 min
Response: 4635273
Conc: 28.76 ug/ml

Instrument :
FID_D
ClientSampleId :



#15 Chrysene (C27.41)

R.T.: 14.665 min
Delta R.T.: 0.023 min
Response: 325835
Conc: 2.20 ug/ml