

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091423AR\
 Data File : FD046479.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 07:50
 Operator : YP/AJ
 Sample : 04392-01DL 50X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 08:24:36 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...	7.514	964133	5.709 ug/ml
Spiked Amount 50.000		Recovery =	11.42%
6) S 2-Fluorobiphenyl (SURR)	8.377	699172	6.282 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	12.56%
11) S ortho-Terphenyl (SURR)	11.408	1742612	8.885 ug/ml
Spiked Amount 50.000		Recovery =	17.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	729375	4.151 ug/ml
2) T Naphthalene (C11.7)	5.831	1460389	7.924 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	8718459	46.956 ug/ml
5) T Acenaphthylene (C15.06)	8.130	5270048	30.968 ug/ml
7) T Acenaphthene (C15.5)	8.440	1017338	5.647 ug/ml
8) T Flouorene (C16.55)	9.249	1639509	9.374 ug/ml
9) T Phenanthrene (C19.36)	10.648	1027645	5.989 ug/ml
10) T Anthracene (C19.43)	10.706	1931867	11.452 ug/ml
12) T Fluoranthene (C21.85)	12.414	1289162	7.749 ug/ml
13) T Pyrene (C20.8)	12.707	733831	4.553 ug/ml

(f)=RT Delta > 1/2 Window

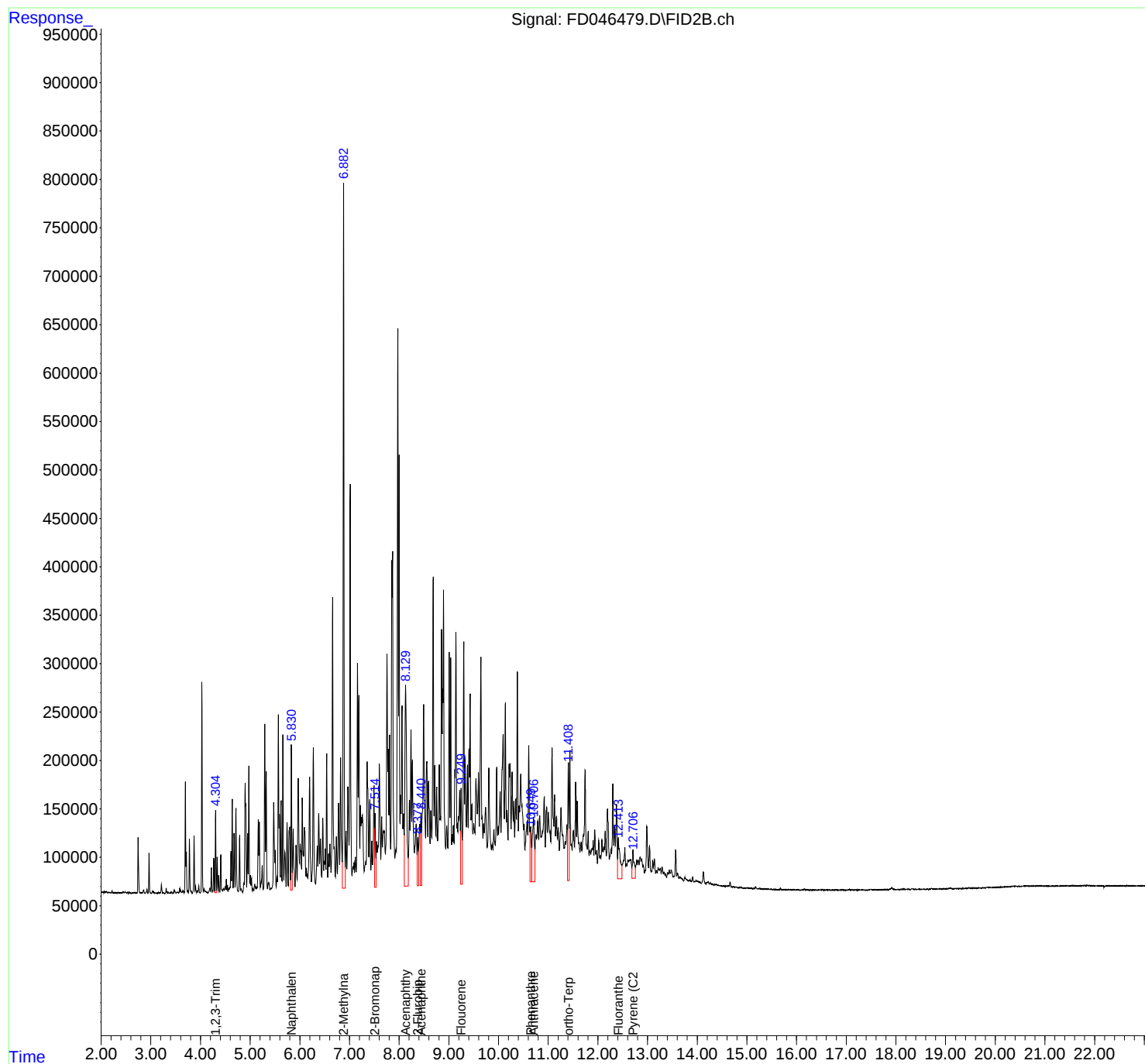
(m)=manual int.

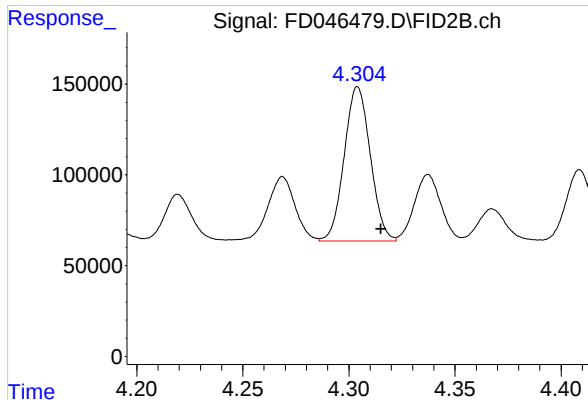
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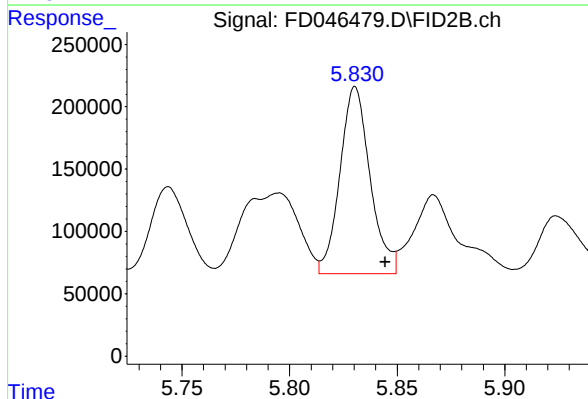




#1 1,2,3-Trimethylbenzene (C10.1)

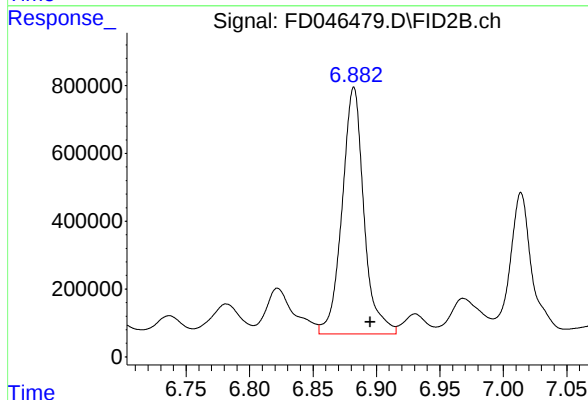
R.T.: 4.304 min
Delta R.T.: -0.011 min
Response: 729375
Conc: 4.15 ug/ml

Instrument :
FID_D
ClientSampleId :



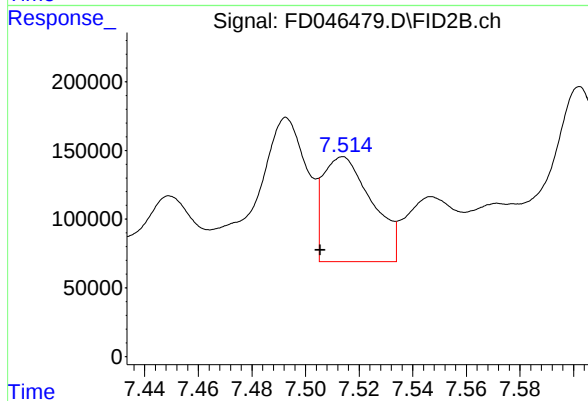
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.014 min
Response: 1460389
Conc: 7.92 ug/ml



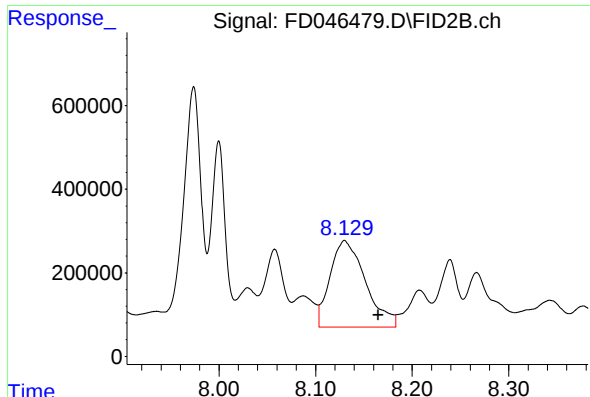
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: -0.013 min
Response: 8718459
Conc: 46.96 ug/ml



#4 2-Bromonaphthalene (SURR)

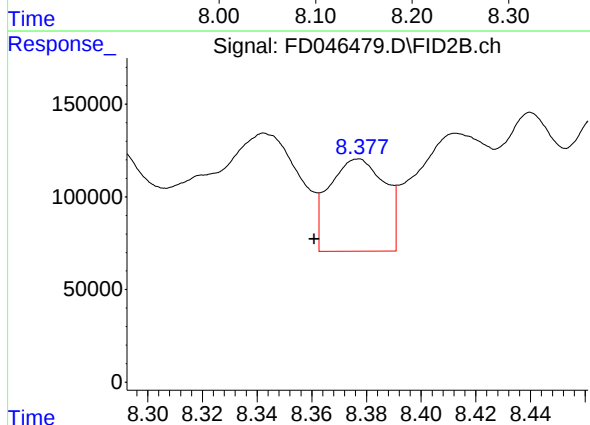
R.T.: 7.514 min
Delta R.T.: 0.008 min
Response: 964133
Conc: 5.71 ug/ml



#5 Acenaphthylene (C15.06)

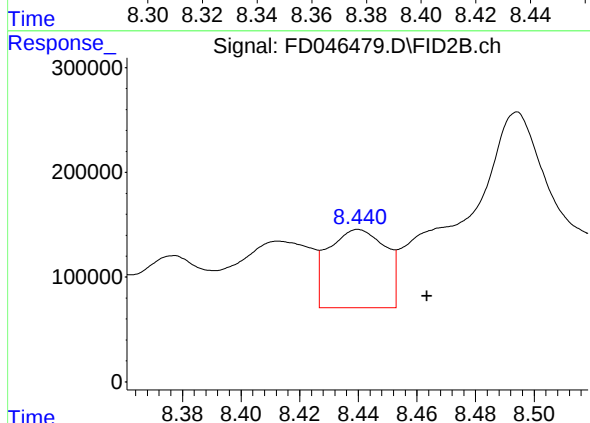
R.T.: 8.130 min
Delta R.T.: -0.035 min
Response: 5270048
Conc: 30.97 ug/ml

Instrument :
FID_D
ClientSampleId :



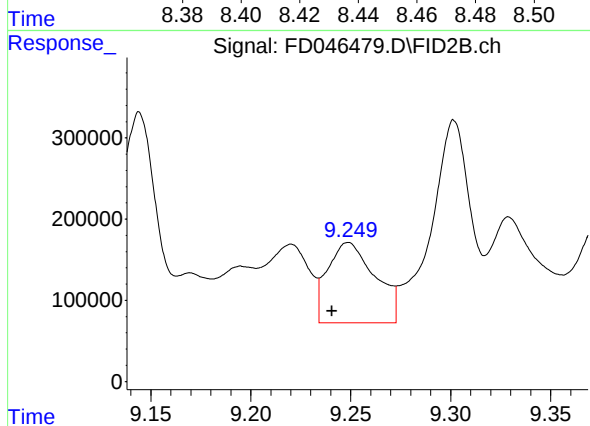
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: 0.016 min
Response: 699172
Conc: 6.28 ug/ml



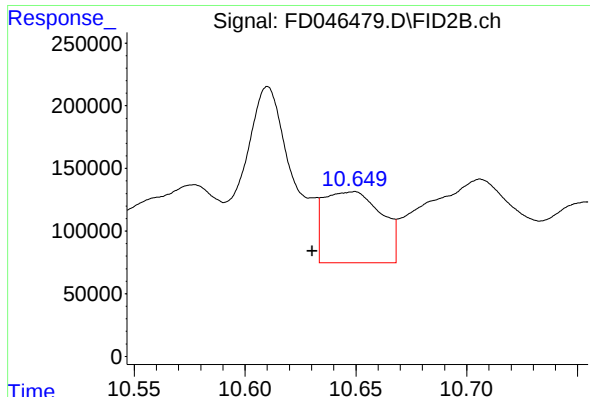
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: -0.023 min
Response: 1017338
Conc: 5.65 ug/ml



#8 Flouorene (C16.55)

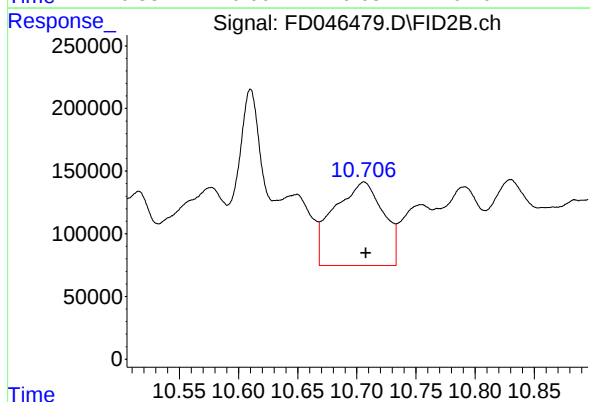
R.T.: 9.249 min
Delta R.T.: 0.008 min
Response: 1639509
Conc: 9.37 ug/ml



#9 Phenanthrene (C19.36)

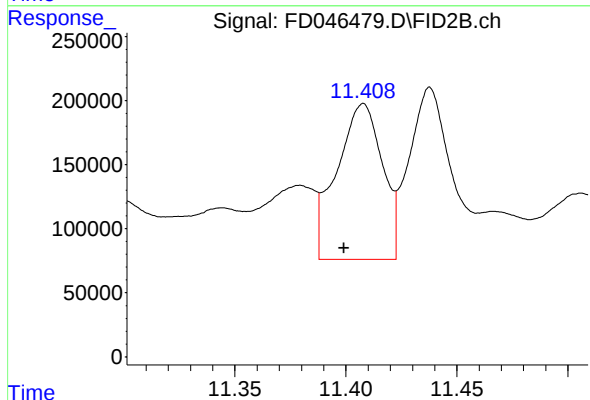
R.T.: 10.648 min
Delta R.T.: 0.017 min
Response: 1027645
Conc: 5.99 ug/ml

Instrument :
FID_D
ClientSampleId :



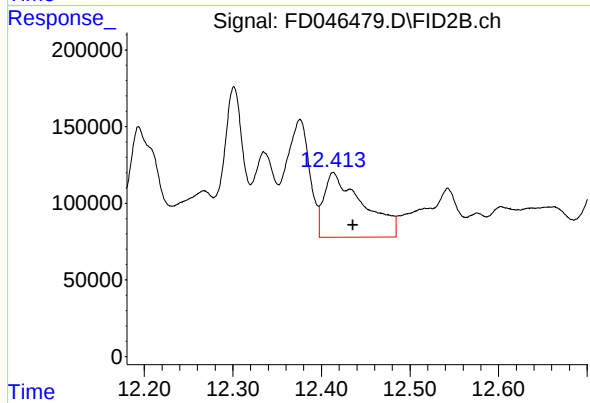
#10 Anthracene (C19.43)

R.T.: 10.706 min
Delta R.T.: -0.002 min
Response: 1931867
Conc: 11.45 ug/ml



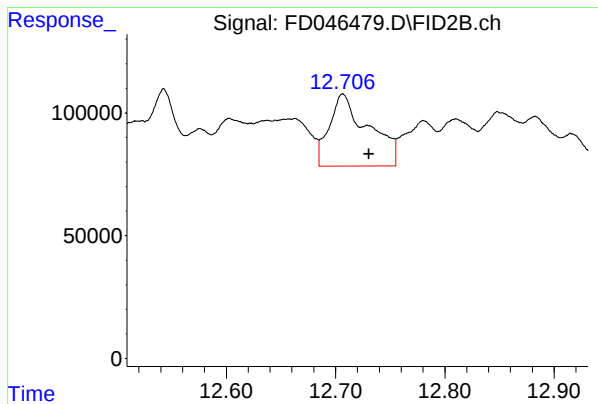
#11 ortho-Terphenyl (SURR)

R.T.: 11.408 min
Delta R.T.: 0.008 min
Response: 1742612
Conc: 8.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.414 min
Delta R.T.: -0.022 min
Response: 1289162
Conc: 7.75 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.707 min
Delta R.T.: -0.024 min
Response: 733831
Conc: 4.55 ug/ml

Instrument :
FID_D
ClientSampleId :