

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091423AR\
 Data File : FD046480.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 08:31
 Operator : YP/AJ
 Sample : 04392-01DL2 200X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 09:02:21 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...	7.513	238231	1.411 ug/ml
Spiked Amount 50.000		Recovery =	2.82%
6) S 2-Fluorobiphenyl (SURR)	8.343	334211	3.003 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.01%
11) S ortho-Terphenyl (SURR)	11.406	602479	3.072 ug/ml
Spiked Amount 50.000		Recovery =	6.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.309	209423	1.192 ug/ml
2) T Naphthalene (C11.7)	5.833	402980	2.186 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	2452785	13.210 ug/ml
5) T Acenaphthylene (C15.06)	8.128	1387213	8.152 ug/ml
7) T Acenaphthene (C15.5)	8.440	237093	1.316 ug/ml
8) T Fluorene (C16.55)	9.248	386949	2.212 ug/ml
9) T Phenanthrene (C19.36)	10.609	457529	2.667 ug/ml
10) T Anthracene (C19.43)	10.705	335927	1.991 ug/ml
12) T Fluoranthene (C21.85)	12.375f	245026	1.473 ug/ml

(f)=RT Delta > 1/2 Window

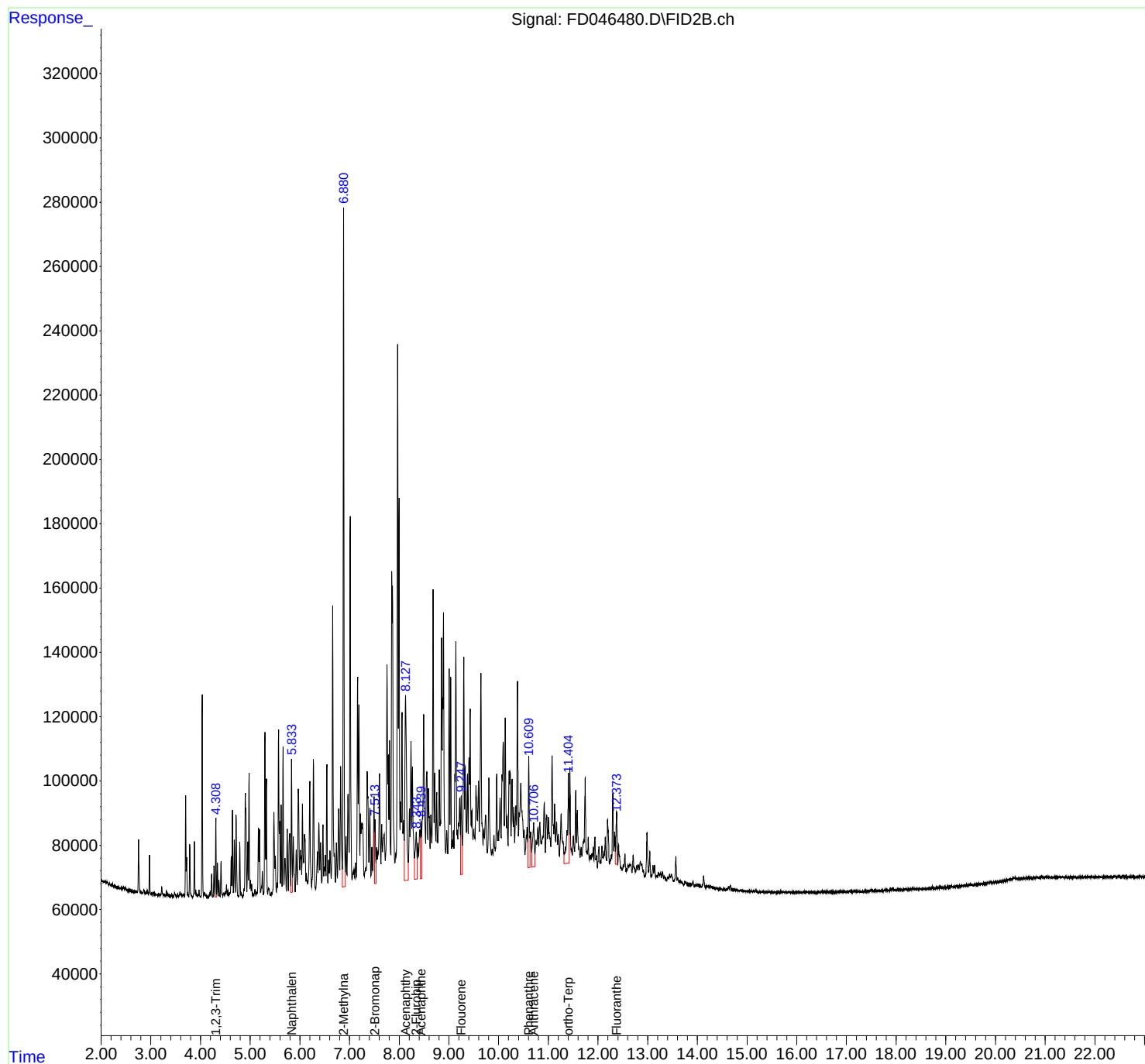
(m)=manual int.

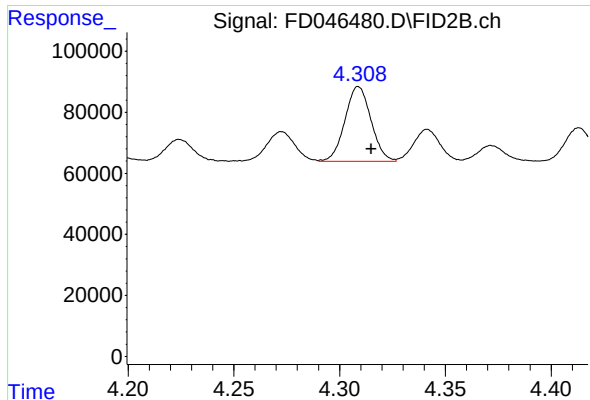
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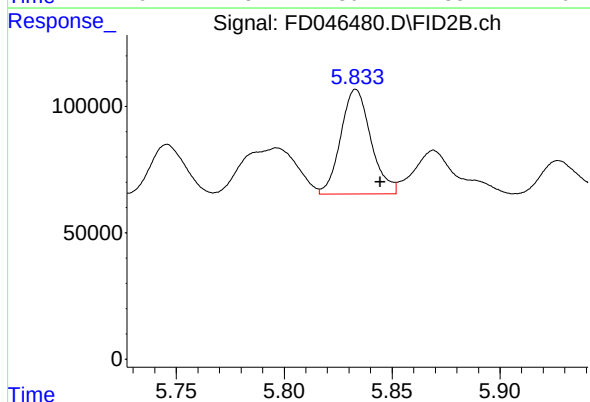




#1 1,2,3-Trimethylbenzene (C10.1)

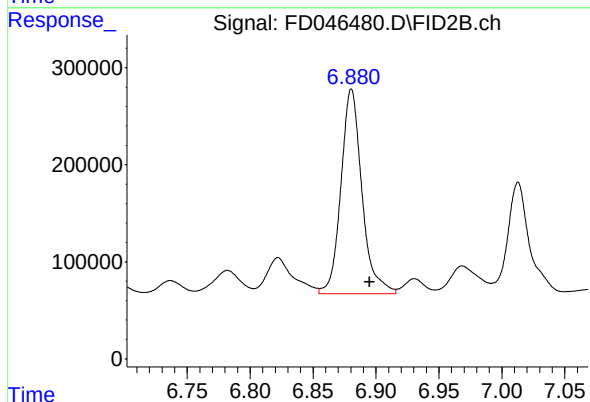
R.T.: 4.309 min
Delta R.T.: -0.006 min
Response: 209423
Conc: 1.19 ug/ml

Instrument :
FID_D
ClientSampleId :



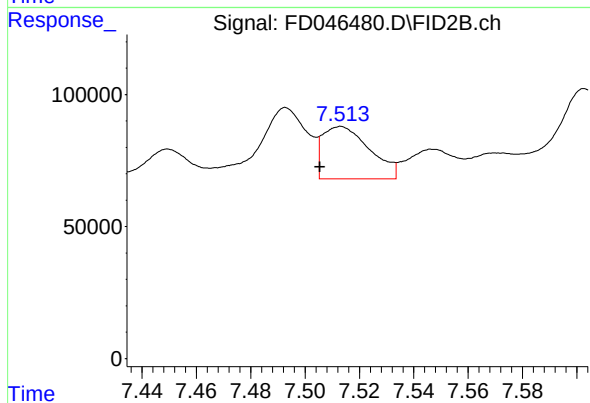
#2 Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: -0.011 min
Response: 402980
Conc: 2.19 ug/ml



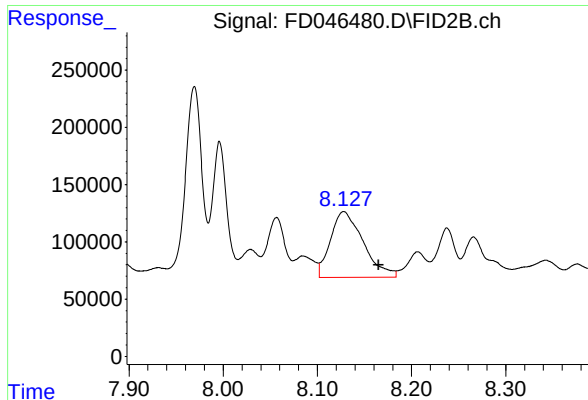
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.014 min
Response: 2452785
Conc: 13.21 ug/ml



#4 2-Bromonaphthalene (SURR)

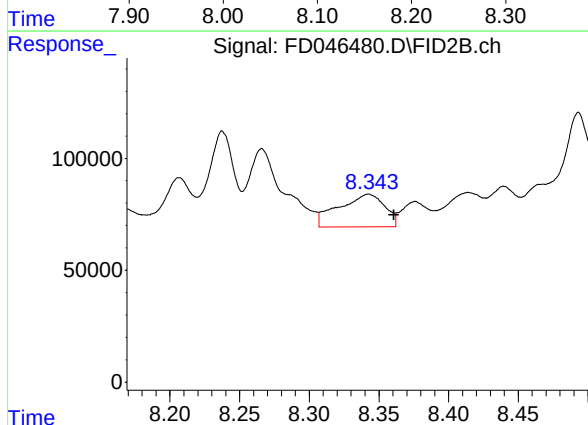
R.T.: 7.513 min
Delta R.T.: 0.007 min
Response: 238231
Conc: 1.41 ug/ml



#5 Acenaphthylene (C15.06)

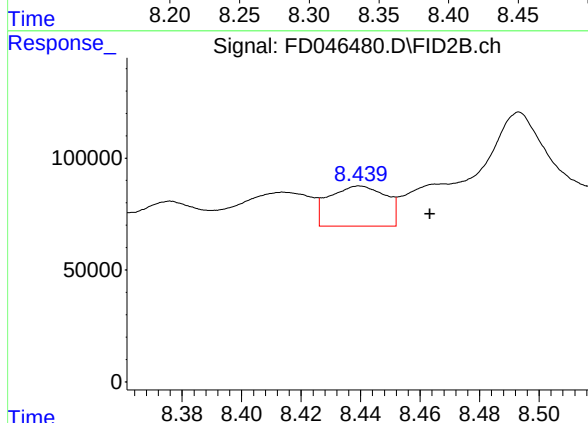
R.T.: 8.128 min
Delta R.T.: -0.037 min
Response: 1387213
Conc: 8.15 ug/ml

Instrument :
FID_D
ClientSampleId :



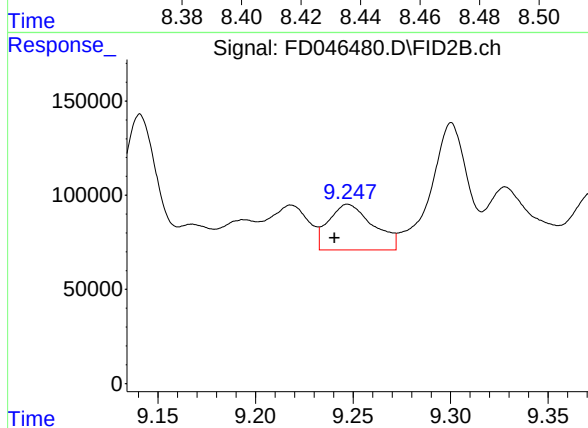
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.018 min
Response: 334211
Conc: 3.00 ug/ml



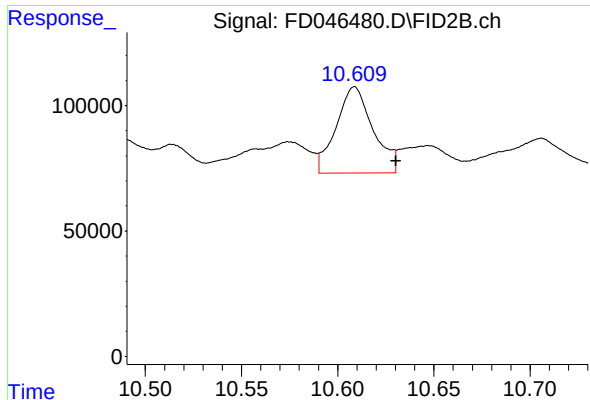
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: -0.024 min
Response: 237093
Conc: 1.32 ug/ml



#8 Flouorene (C16.55)

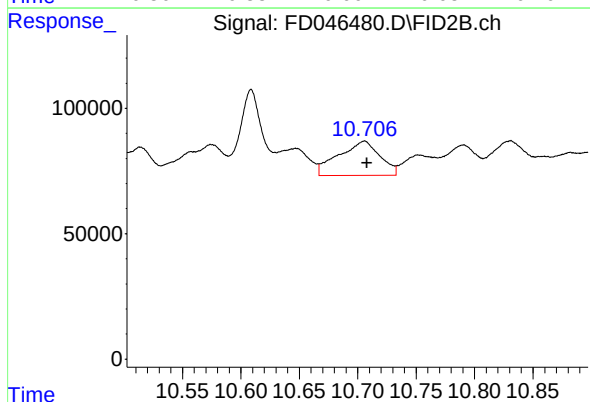
R.T.: 9.248 min
Delta R.T.: 0.007 min
Response: 386949
Conc: 2.21 ug/ml



#9 Phenanthrene (C19.36)

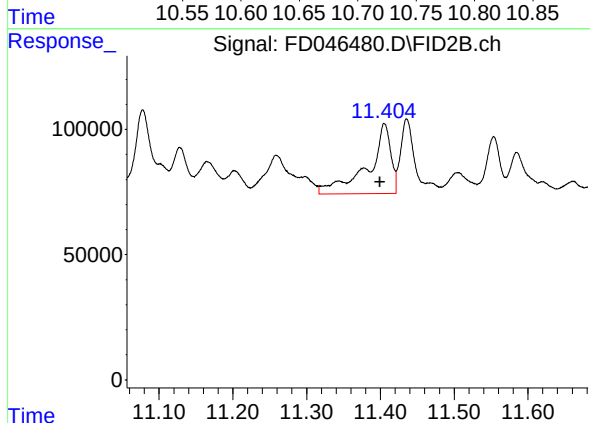
R.T.: 10.609 min
Delta R.T.: -0.022 min
Response: 457529
Conc: 2.67 ug/ml

Instrument :
FID_D
ClientSampleId :



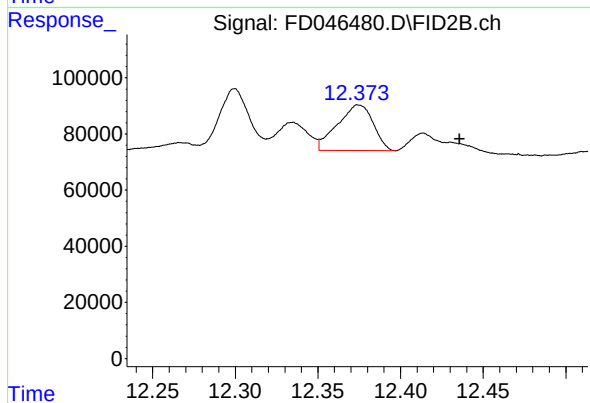
#10 Anthracene (C19.43)

R.T.: 10.705 min
Delta R.T.: -0.003 min
Response: 335927
Conc: 1.99 ug/ml



#11 ortho-Terphenyl (SURRE)

R.T.: 11.406 min
Delta R.T.: 0.006 min
Response: 602479
Conc: 3.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.375 min
Delta R.T.: -0.061 min
Response: 245026
Conc: 1.47 ug/ml