

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046425.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 13:13
 Operator : YP/AJ
 Sample : 04255-01DL2 50X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 06 00:11:40 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...	7.496	2054806	12.167 ug/ml
Spiked Amount 50.000		Recovery =	24.33%
6) S 2-Fluorobiphenyl (SURR)	8.347	1445064	12.985 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	25.97%
11) S ortho-Terphenyl (SURR)	11.412	1778570	9.068 ug/ml
Spiked Amount 50.000		Recovery =	18.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	369425	2.102 ug/ml
2) T Naphthalene (C11.7)	5.834	1169612	6.346 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	8503634	45.799 ug/ml
5) T Acenaphthylene (C15.06)	8.133	4872249	28.630 ug/ml
7) T Acenaphthene (C15.5)	8.444	1017255	5.646 ug/ml
8) T Flouorene (C16.55)	9.253	1407822	8.050 ug/ml
9) T Phenanthrene (C19.36)	10.614	2237208	13.039 ug/ml
10) T Anthracene (C19.43)	10.710	1805998	10.706 ug/ml
12) T Fluoranthene (C21.85)	12.418	1444230	8.681 ug/ml
13) T Pyrene (C20.8)	12.711	790539	4.905 ug/ml

(f)=RT Delta > 1/2 Window

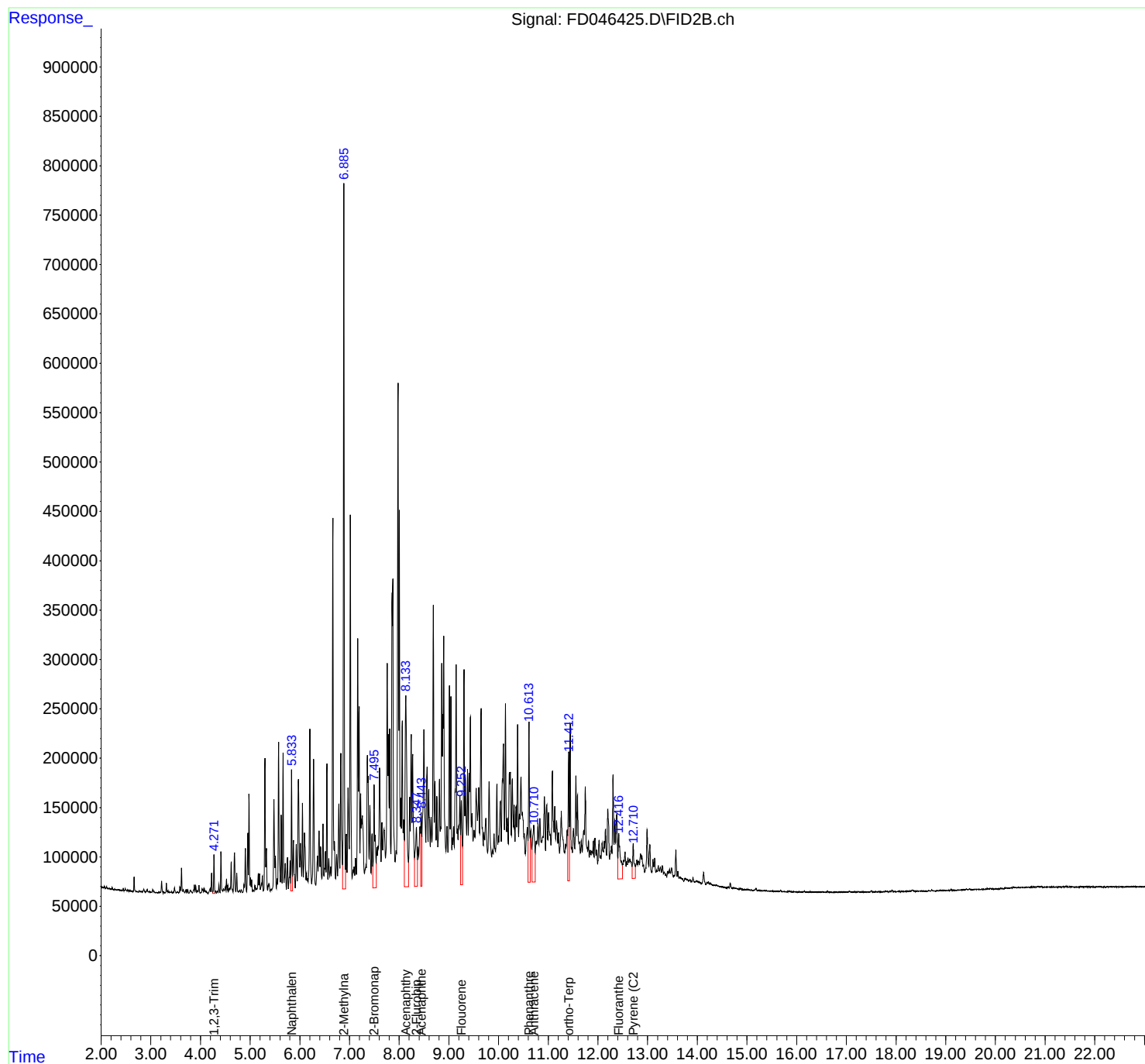
(m)=manual int.

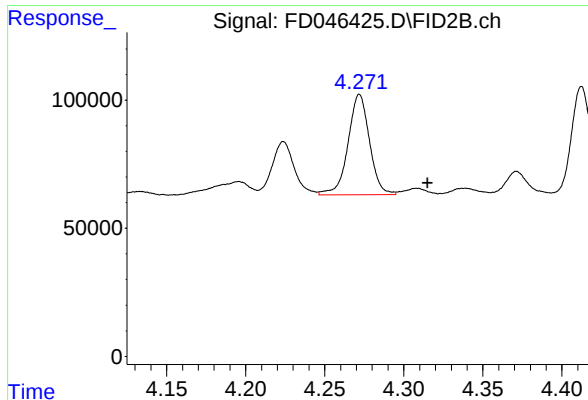
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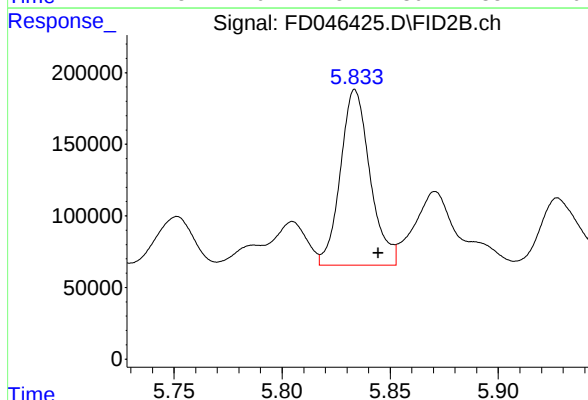




#1 1,2,3-Trimethylbenzene (C10.1)

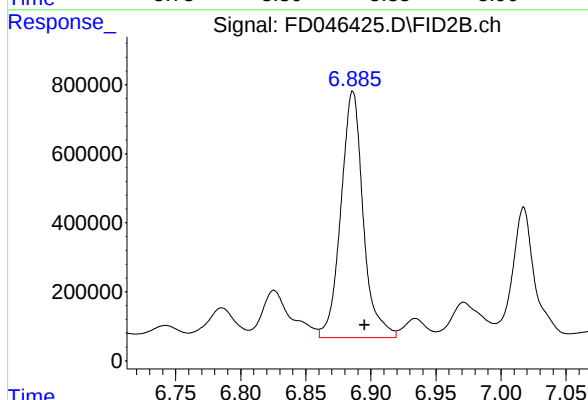
R.T.: 4.272 min
Delta R.T.: -0.043 min
Response: 369425
Conc: 2.10 ug/ml

Instrument :
FID_D
ClientSampleId :



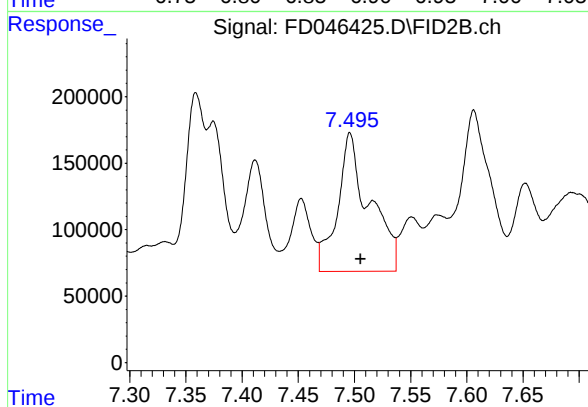
#2 Naphthalene (C11.7)

R.T.: 5.834 min
Delta R.T.: -0.011 min
Response: 1169612
Conc: 6.35 ug/ml



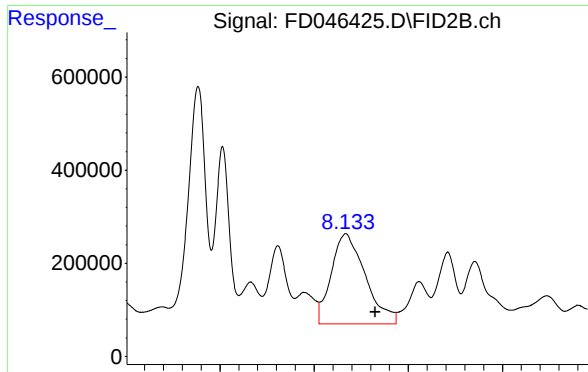
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 8503634
Conc: 45.80 ug/ml



#4 2-Bromonaphthalene (SURR)

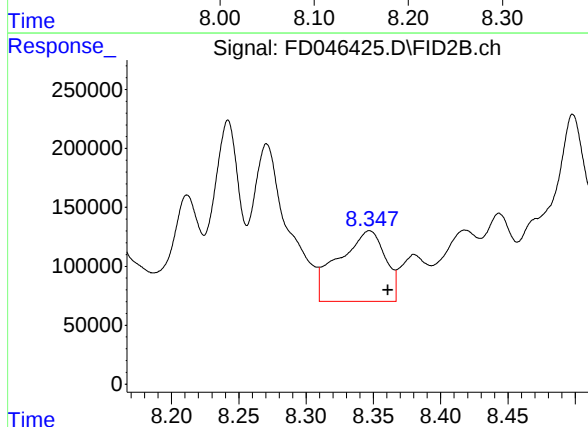
R.T.: 7.496 min
Delta R.T.: -0.009 min
Response: 2054806
Conc: 12.17 ug/ml



#5 Acenaphthylene (C15.06)

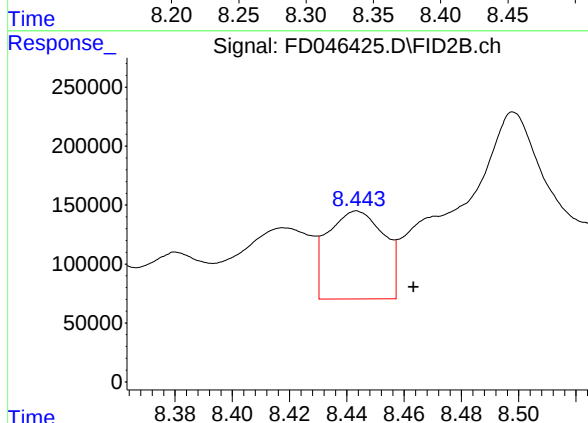
R.T.: 8.133 min
Delta R.T.: -0.031 min
Response: 4872249
Conc: 28.63 ug/ml

Instrument :
FID_D
ClientSampleId :



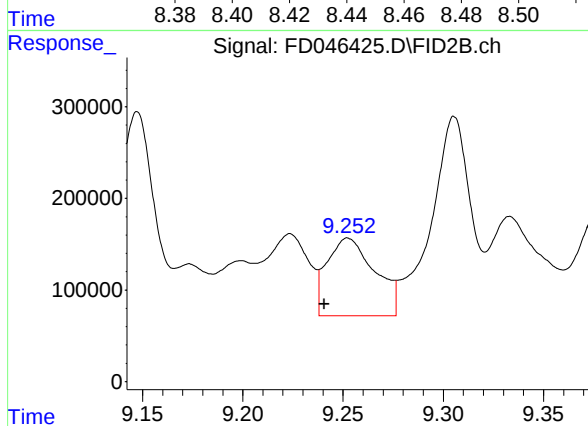
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: -0.014 min
Response: 1445064
Conc: 12.98 ug/ml



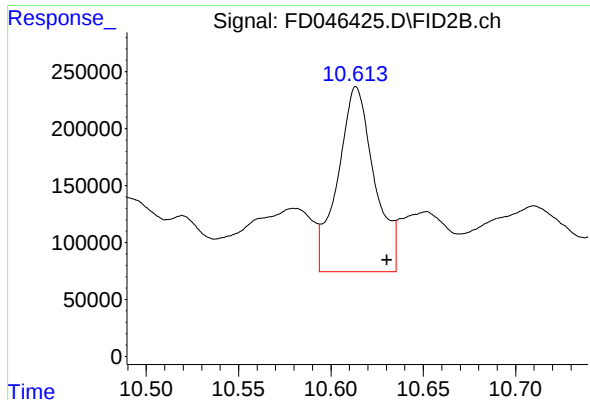
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.020 min
Response: 1017255
Conc: 5.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.253 min
Delta R.T.: 0.012 min
Response: 1407822
Conc: 8.05 ug/ml



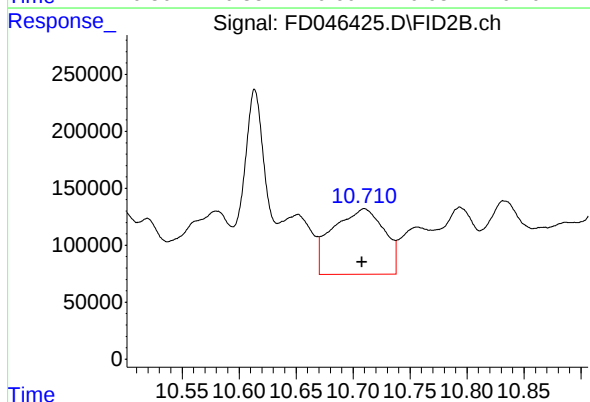
#9 Phenanthrene (C19.36)

R.T.: 10.614 min
Delta R.T.: -0.016 min
Response: 2237208
Conc: 13.04 ug/ml

Instrument :

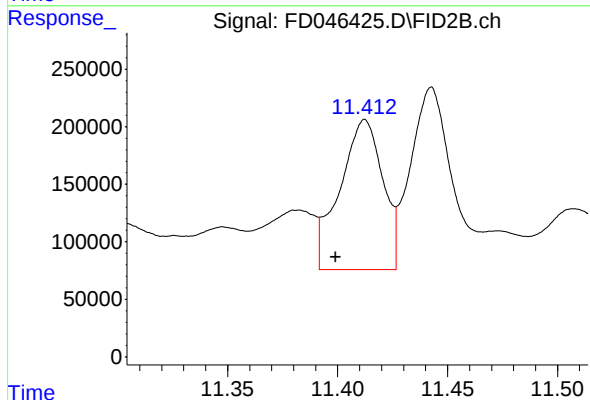
FID_D

ClientSampleId :



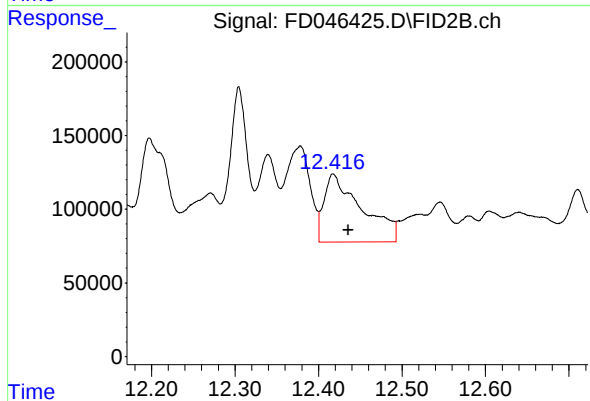
#10 Anthracene (C19.43)

R.T.: 10.710 min
Delta R.T.: 0.002 min
Response: 1805998
Conc: 10.71 ug/ml



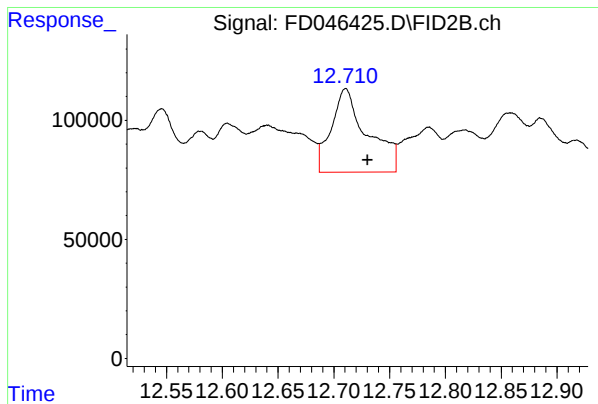
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: 0.013 min
Response: 1778570
Conc: 9.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: -0.018 min
Response: 1444230
Conc: 8.68 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.711 min
Delta R.T.: -0.020 min
Response: 790539
Conc: 4.90 ug/ml

Instrument :

FID_D

ClientSampleId :