

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044601.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2022 11:24
 Operator : YP/AJ
 Sample : N5880-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 06 12:16:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.688	8167983	62.937 ug/ml
Spiked Amount 50.000		Recovery =	125.87%
6) S 2-Fluorobiphenyl (SURR)	8.531	2686390	30.418 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.84%
11) S ortho-Terphenyl (SURR)	11.581	6932261	42.596 ug/ml
Spiked Amount 50.000		Recovery =	85.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	4295367	30.100 ug/ml
2) T Naphthalene (C11.7)	6.029	1767065	11.753 ug/ml
3) T 2-Methylnaphthalene (...)	7.094	38261019	253.234 ug/ml
5) T Acenaphthylene (C15.06)	8.347	22648233	162.918 ug/ml
7) T Acenaphthene (C15.5)	8.660	6206028	42.288 ug/ml
8) T Flouorene (C16.55)	9.430	1483311	10.287 ug/ml
9) T Phenanthrene (C19.36)	10.822	8571104	60.105 ug/ml
10) T Anthracene (C19.43)	10.894	3091302	22.250 ug/ml
12) T Fluoranthene (C21.85)	12.615	5197263	36.457 ug/ml
13) T Pyrene (C20.8)	12.904	2065746	14.843 ug/ml
14) T Benzo[a]anthracene (C...	14.827f	380987	2.944 ug/ml
15) T Chrysene (C27.41)	14.827	380987	2.826 ug/ml

(f)=RT Delta > 1/2 Window

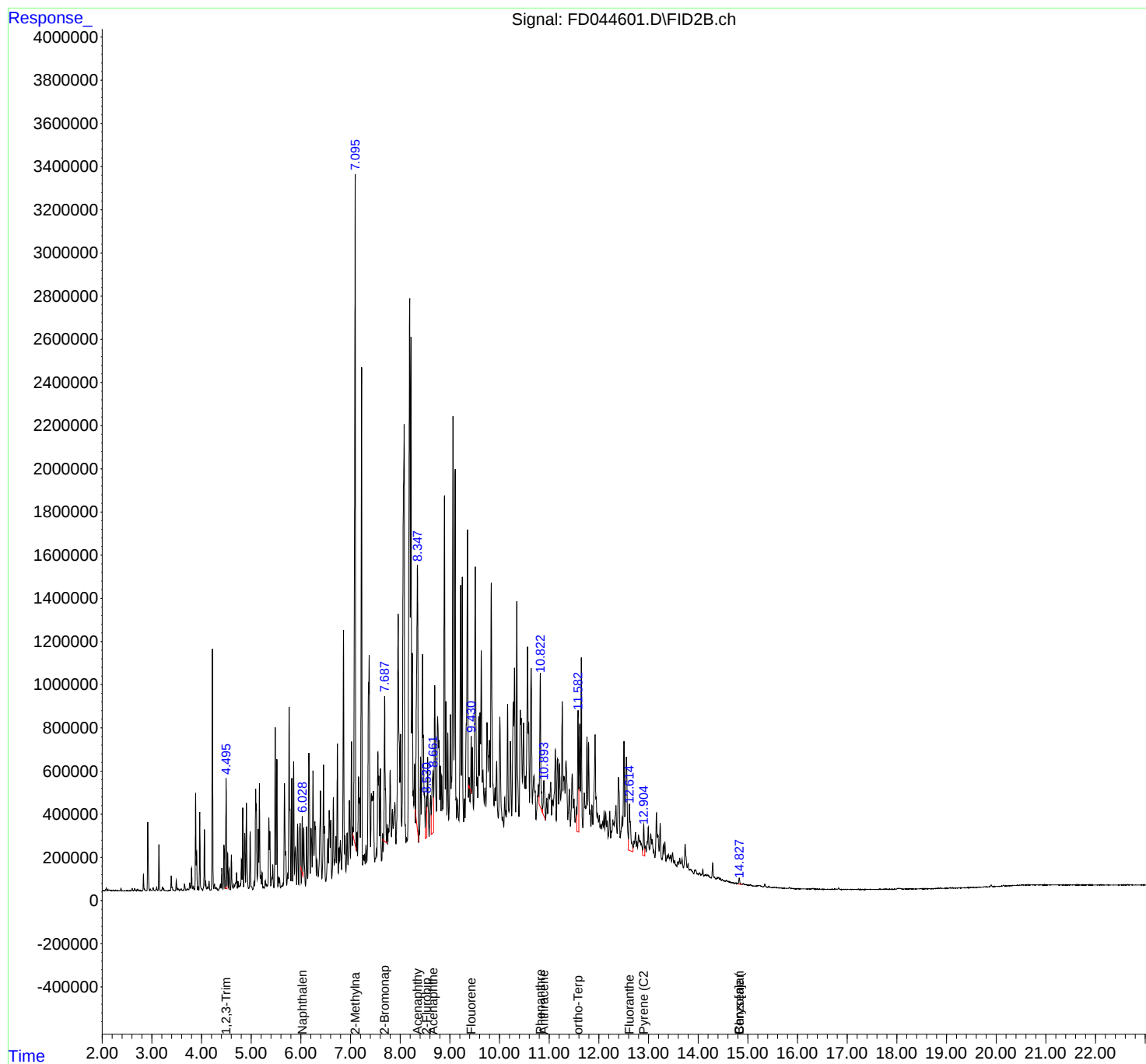
(m)=manual int.

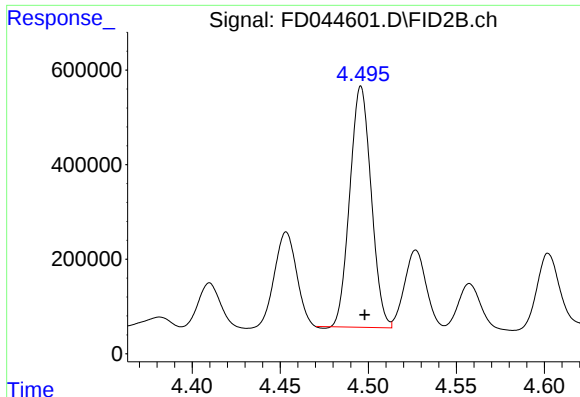
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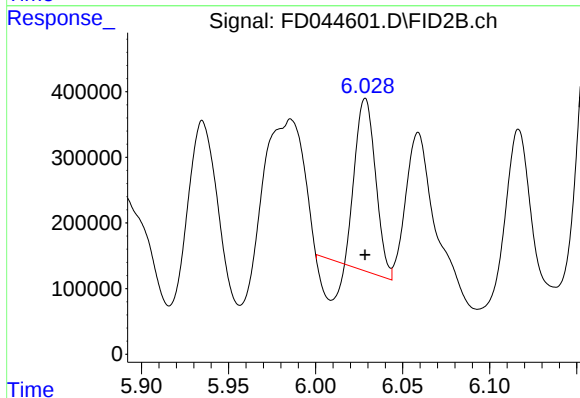




#1 1,2,3-Trimethylbenzene (C10.1)

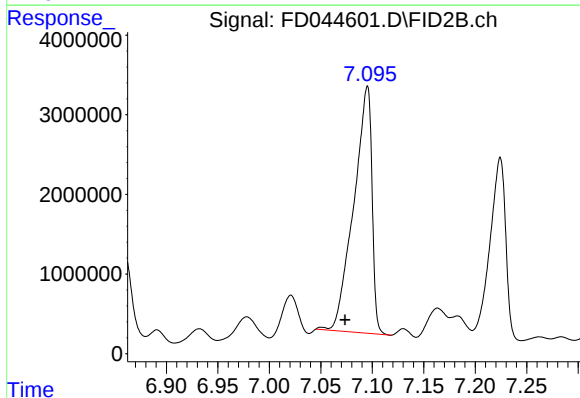
R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 4295367
Conc: 30.10 ug/ml

Instrument :
FID_D
ClientSampleId :



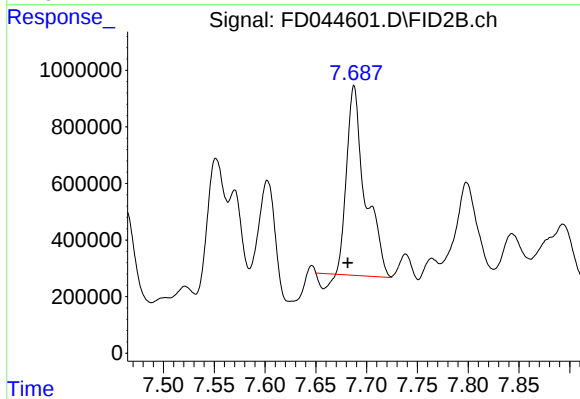
#2 Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 1767065
Conc: 11.75 ug/ml



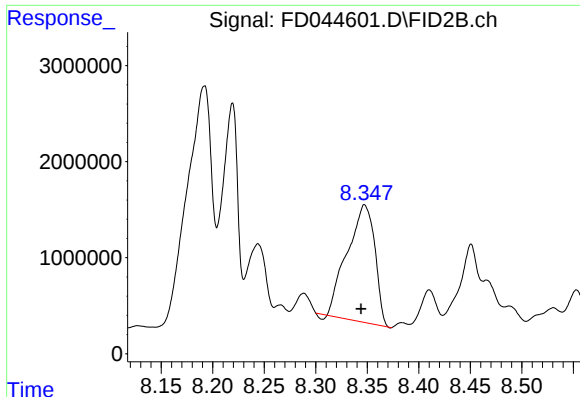
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: 0.021 min
Response: 38261019
Conc: 253.23 ug/ml



#4 2-Bromonaphthalene (SURR)

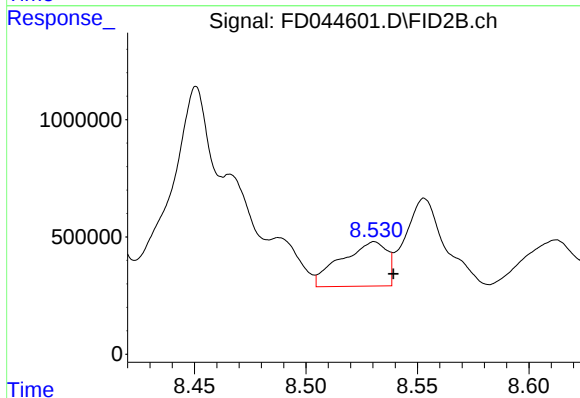
R.T.: 7.688 min
Delta R.T.: 0.006 min
Response: 8167983
Conc: 62.94 ug/ml



#5 Acenaphthylene (C15.06)

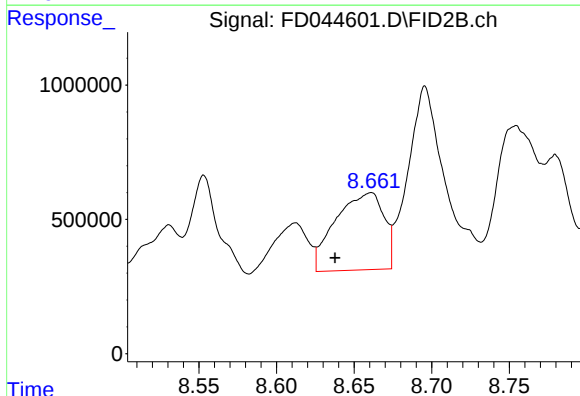
R.T.: 8.347 min
Delta R.T.: 0.004 min
Response: 22648233
Conc: 162.92 ug/ml

Instrument :
FID_D
ClientSampleId :



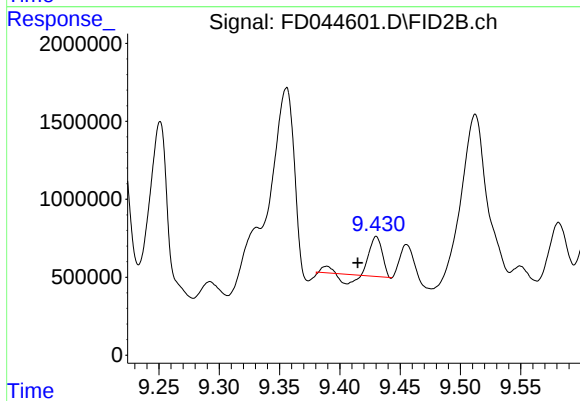
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: -0.009 min
Response: 2686390
Conc: 30.42 ug/ml



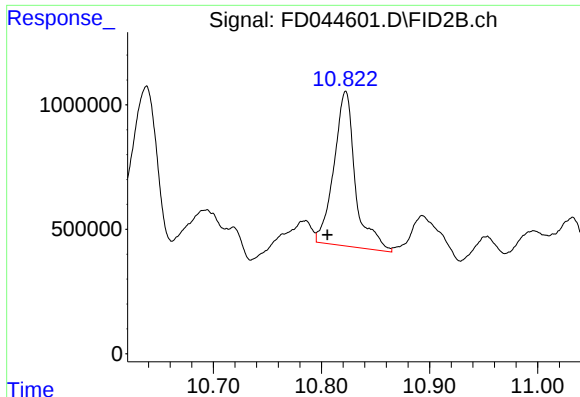
#7 Acenaphthene (C15.5)

R.T.: 8.660 min
Delta R.T.: 0.022 min
Response: 6206028
Conc: 42.29 ug/ml



#8 Fluorene (C16.55)

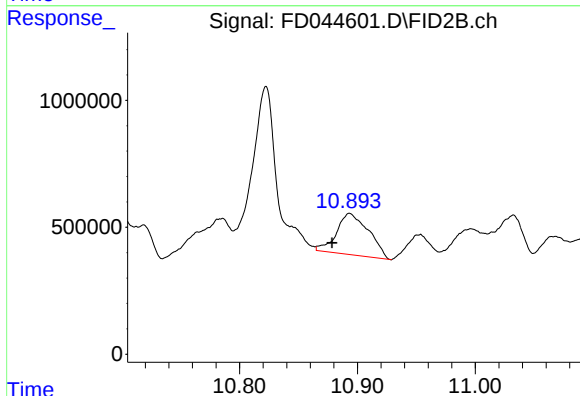
R.T.: 9.430 min
Delta R.T.: 0.015 min
Response: 1483311
Conc: 10.29 ug/ml



#9 Phenanthrene (C19.36)

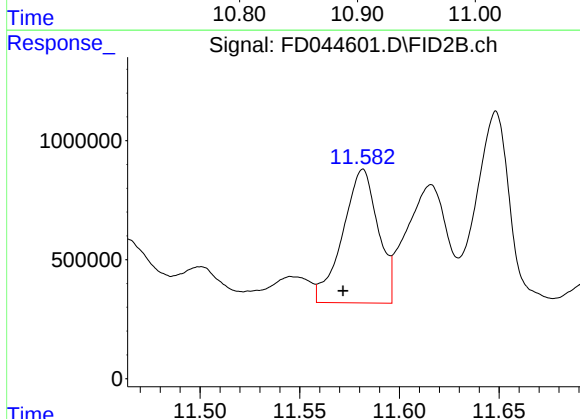
R.T.: 10.822 min
Delta R.T.: 0.017 min
Response: 8571104
Conc: 60.10 ug/ml

Instrument :
FID_D
ClientSampleId :



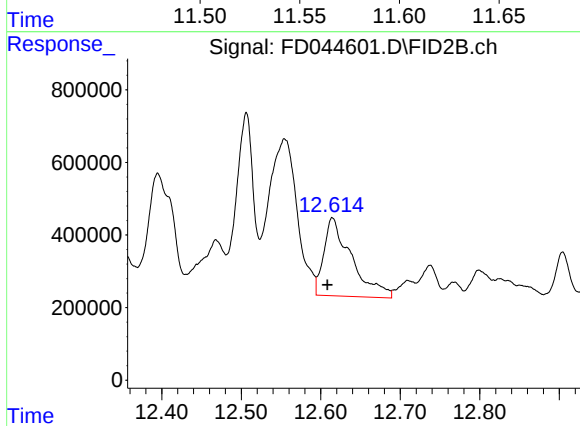
#10 Anthracene (C19.43)

R.T.: 10.894 min
Delta R.T.: 0.015 min
Response: 3091302
Conc: 22.25 ug/ml



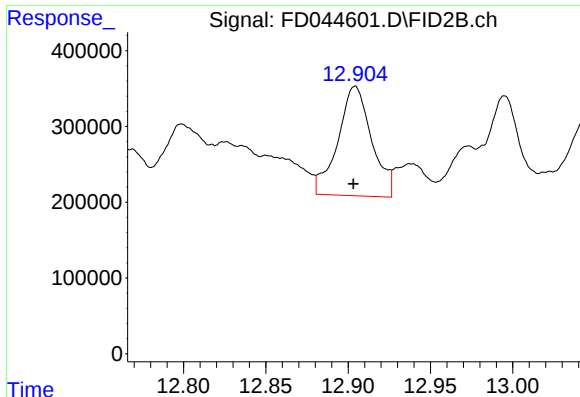
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.010 min
Response: 6932261
Conc: 42.60 ug/ml



#12 Fluoranthene (C21.85)

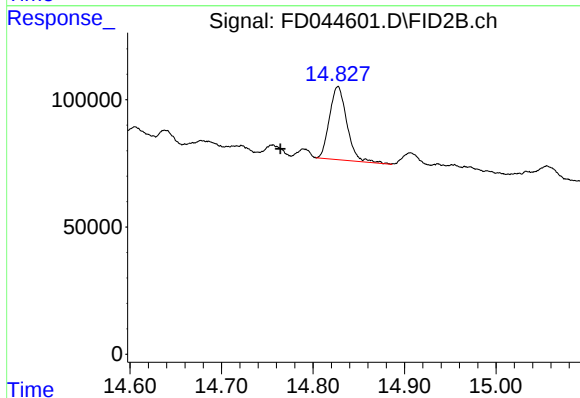
R.T.: 12.615 min
Delta R.T.: 0.007 min
Response: 5197263
Conc: 36.46 ug/ml



#13 Pyrene (C20.8)

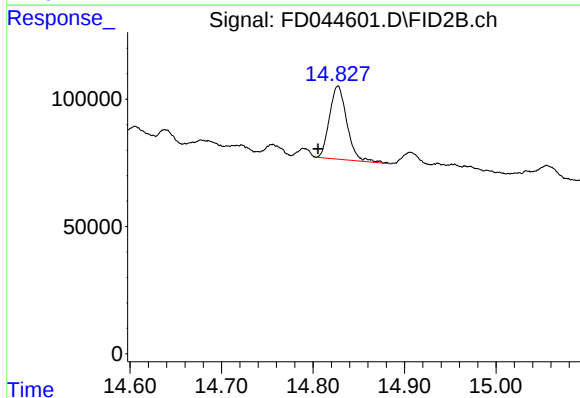
R.T.: 12.904 min
Delta R.T.: 0.001 min
Response: 2065746
Conc: 14.84 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 14.827 min
Delta R.T.: 0.063 min
Response: 380987
Conc: 2.94 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.827 min
Delta R.T.: 0.022 min
Response: 380987
Conc: 2.83 ug/ml