

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091823AR\
 Data File : FD046526.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2023 19:39
 Operator : YP/AJ
 Sample : 04438-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 00:34:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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	13622173	77.299 ug/ml
Spiked Amount 50.000		Recovery =	154.60%
6) S 2-Fluorobiphenyl (SURR)	8.347	6086805	52.536 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.07%
11) S ortho-Terphenyl (SURR)	11.387	9454757	46.408 ug/ml
Spiked Amount 50.000		Recovery =	92.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	24105	0.131 ug/ml
3) T 2-Methylnaphthalene (...)	6.892	92800	0.479 ug/ml
5) T Acenaphthylene (C15.06)	8.112	35795	0.203 ug/ml
7) T Acenaphthene (C15.5)	8.404	42729	0.227 ug/ml
12) T Fluoranthene (C21.85)	12.378	107452	0.630 ug/ml
14) T Benzo[a]anthracene (C...	14.629	60818	0.436 ug/ml
15) T Chrysene (C27.41)	14.629	60818	0.401 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.848	117130	0.934 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	54849	0.412 ug/ml

(f)=RT Delta > 1/2 Window

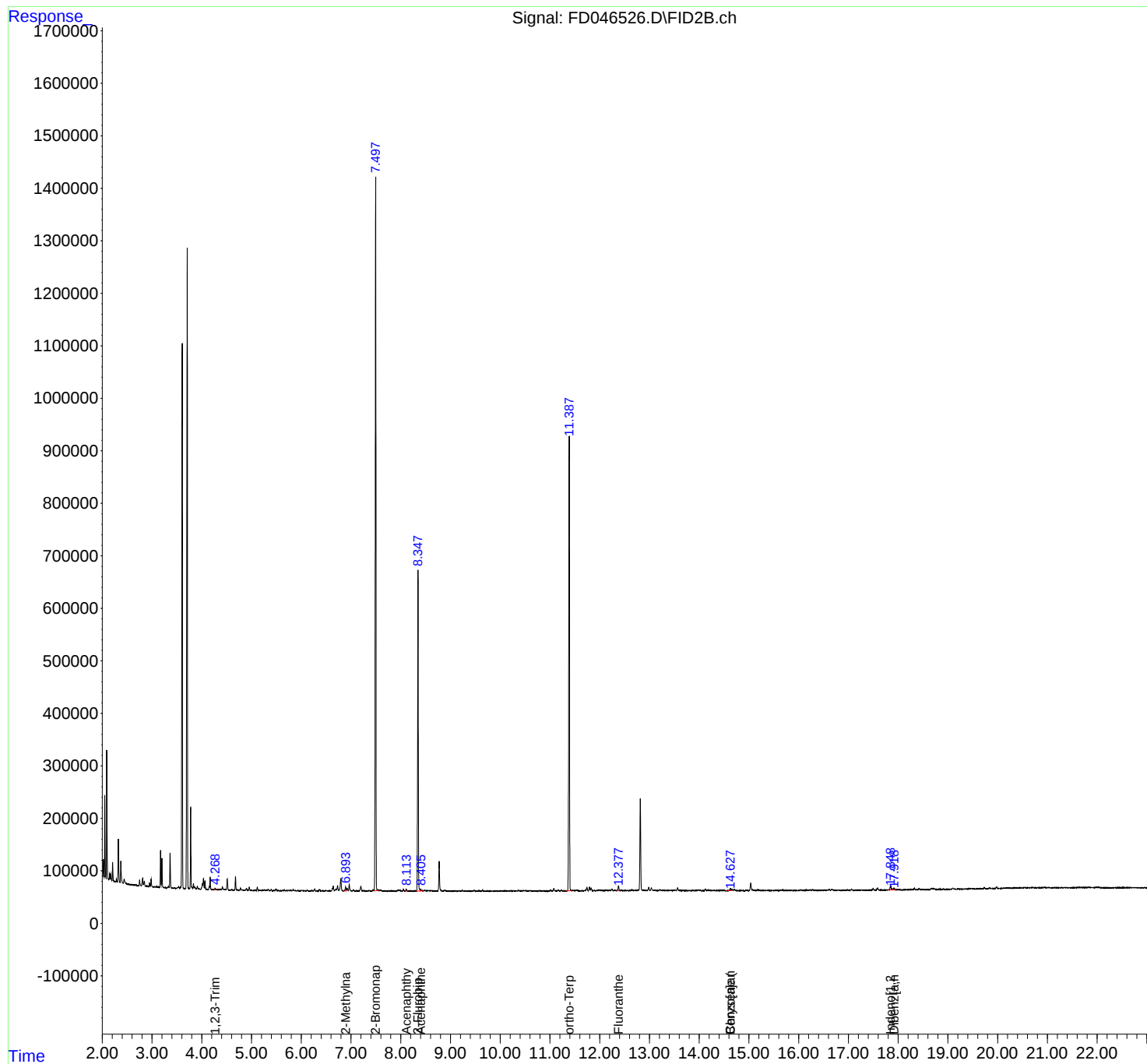
(m)=manual int.

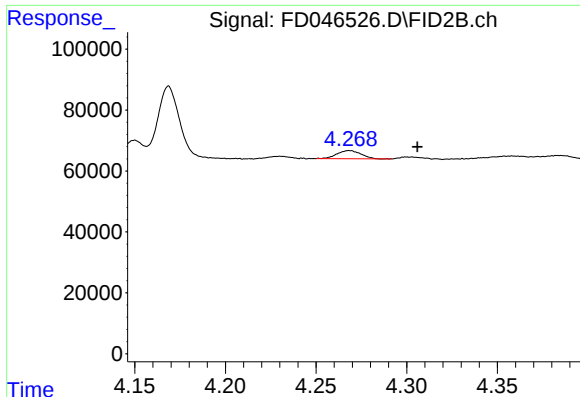
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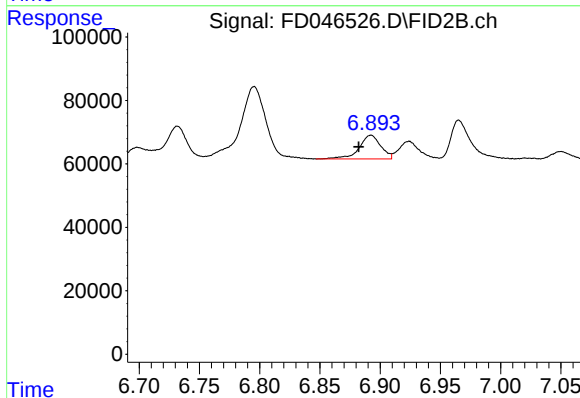




#1 1,2,3-Trimethylbenzene (C10.1)

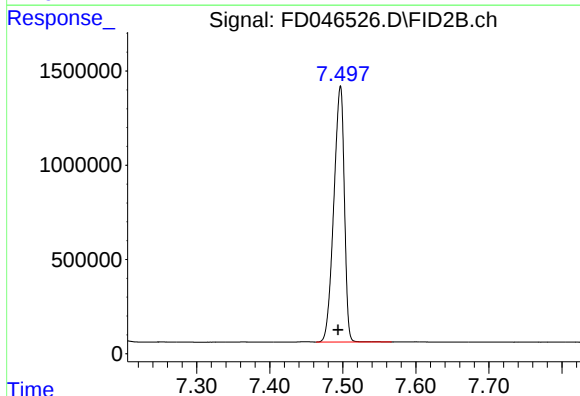
R.T.: 4.268 min
Delta R.T.: -0.038 min
Response: 24105
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



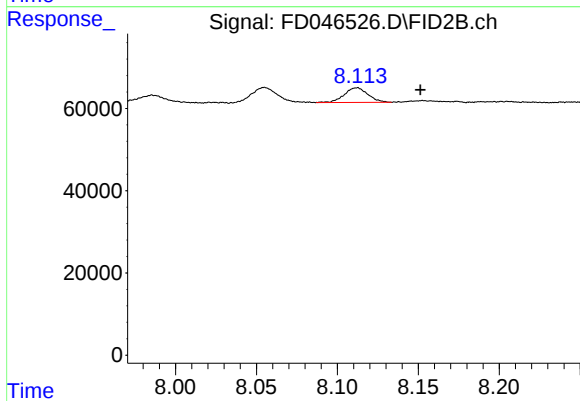
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.892 min
Delta R.T.: 0.010 min
Response: 92800
Conc: 0.48 ug/ml



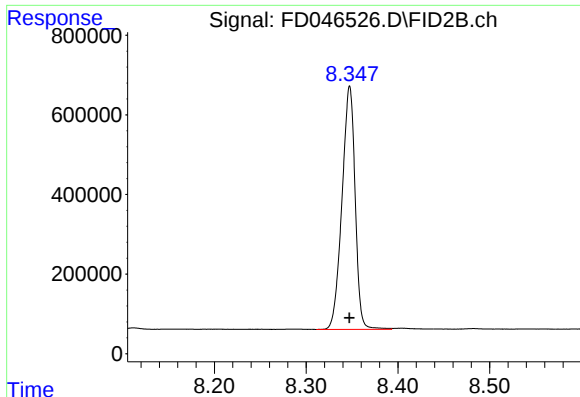
#4 2-Bromonaphthalene (SURR)

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 13622173
Conc: 77.30 ug/ml



#5 Acenaphthylene (C15.06)

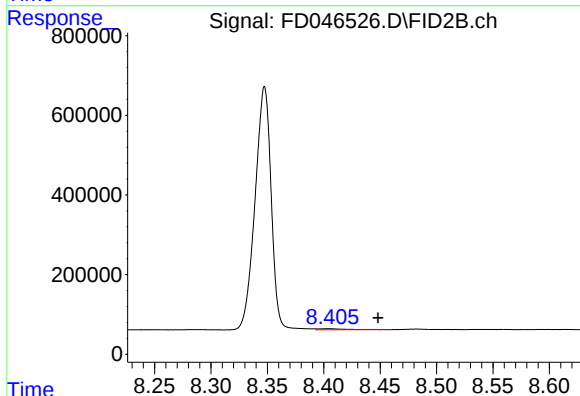
R.T.: 8.112 min
Delta R.T.: -0.039 min
Response: 35795
Conc: 0.20 ug/ml



#6 2-Fluorobiphenyl (SURR)

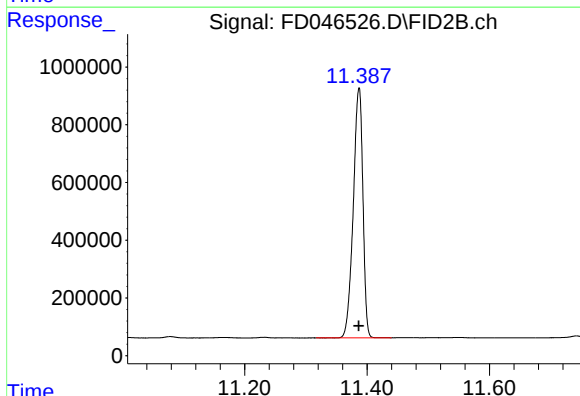
R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 6086805
Conc: 52.54 ug/ml

Instrument :
FID_D
ClientSampleId :



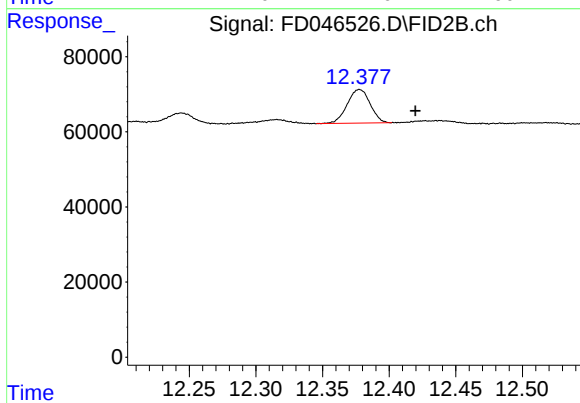
#7 Acenaphthene (C15.5)

R.T.: 8.404 min
Delta R.T.: -0.044 min
Response: 42729
Conc: 0.23 ug/ml



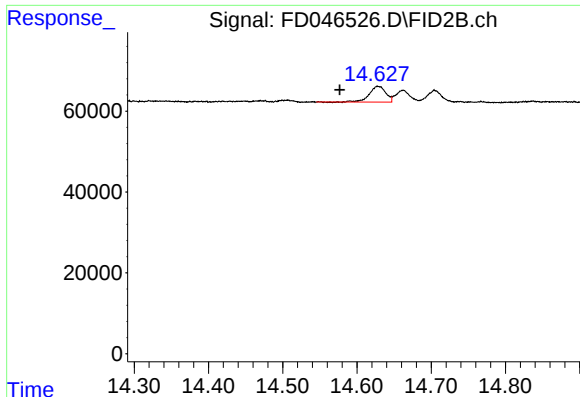
#11 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 9454757
Conc: 46.41 ug/ml



#12 Fluoranthene (C21.85)

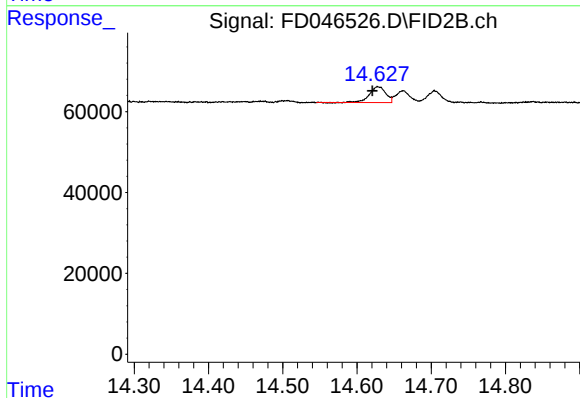
R.T.: 12.378 min
Delta R.T.: -0.042 min
Response: 107452
Conc: 0.63 ug/ml



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

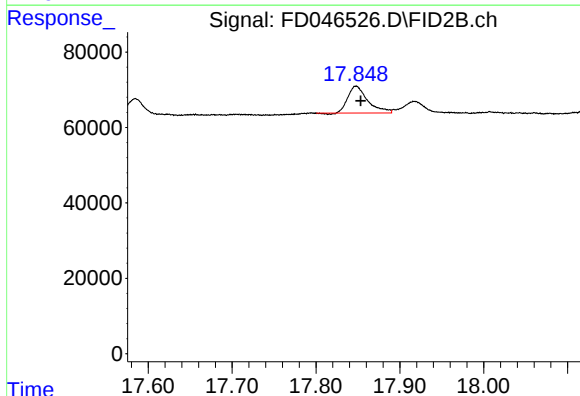
R.T.: 14.629 min
Delta R.T.: 0.052 min
Response: 60818
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



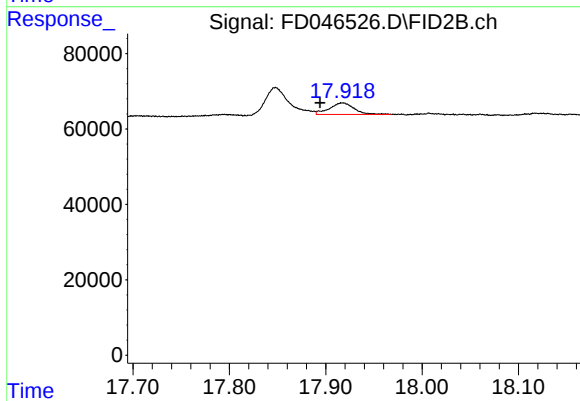
#15 Chrysene (C27.41)

R.T.: 14.629 min
Delta R.T.: 0.008 min
Response: 60818
Conc: 0.40 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.848 min
Delta R.T.: -0.005 min
Response: 117130
Conc: 0.93 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.918 min
Delta R.T.: 0.023 min
Response: 54849
Conc: 0.41 ug/ml