

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045718.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 12:39
 Operator : YP/AJ
 Sample : 02837-02DL2 50X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 00:25:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.541	533894	3.130 ug/ml
Spiked Amount 50.000		Recovery =	6.26%
6) S 2-Fluorobiphenyl (SURR)	8.394	470344	4.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.18%
11) S ortho-Terphenyl (SURR)	11.432	646367	3.062 ug/ml
Spiked Amount 50.000		Recovery =	6.12%
Target Compounds			
2) T Naphthalene (C11.7)	5.844	79559	0.404 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	317078	1.605 ug/ml
5) T Acenaphthylene (C15.06)	8.201	249054	1.386 ug/ml
7) T Acenaphthene (C15.5)	8.484	464649	2.442 ug/ml
8) T Flouorene (C16.55)	9.297	303965	1.612 ug/ml
9) T Phenanthrene (C19.36)	10.662	289783	1.559 ug/ml
10) T Anthracene (C19.43)	10.753	582707	3.259 ug/ml
12) T Fluoranthene (C21.85)	12.492	318458	1.765 ug/ml
13) T Pyrene (C20.8)	12.761	145375	0.829 ug/ml

(f)=RT Delta > 1/2 Window

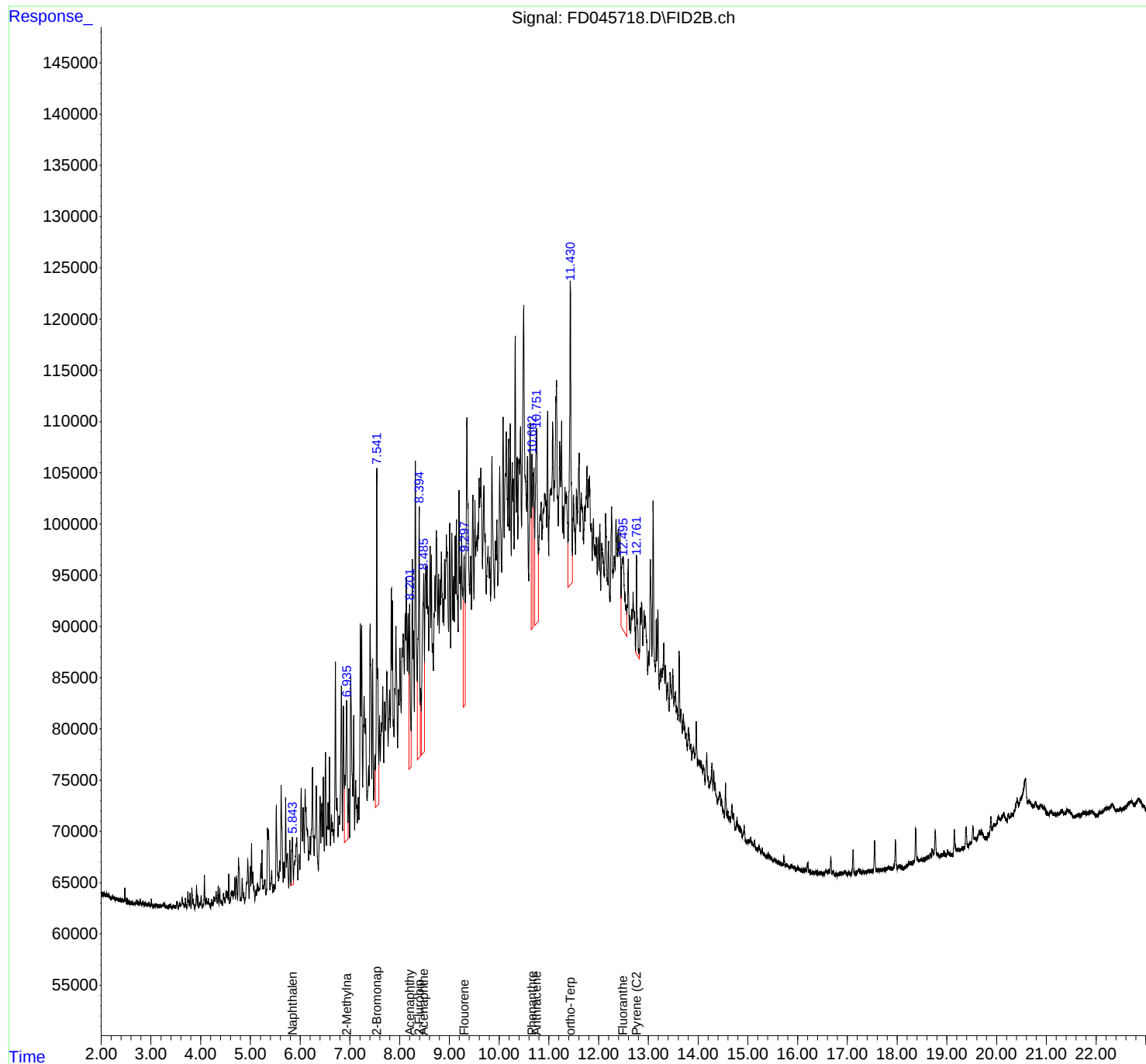
(m)=manual int.

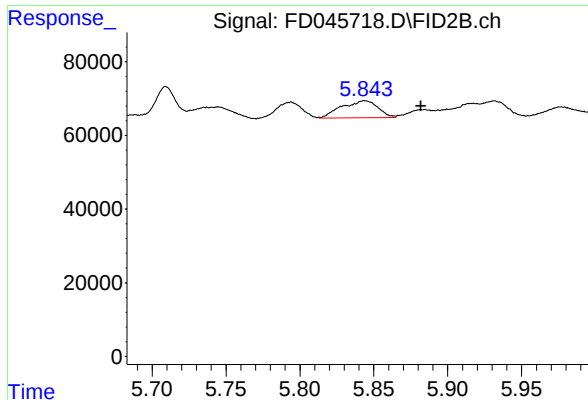
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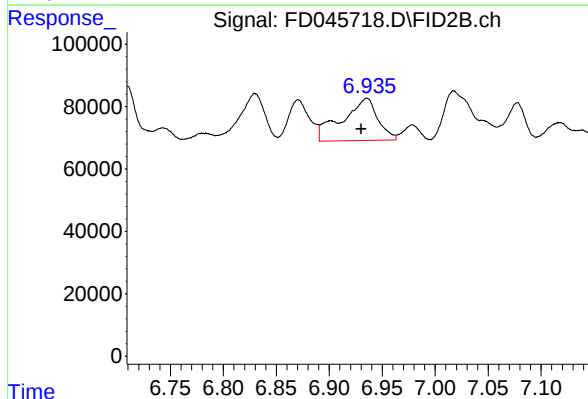




#2 Naphthalene (C11.7)

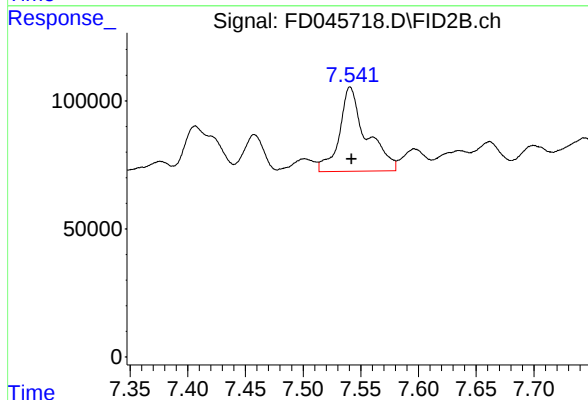
R.T.: 5.844 min
Delta R.T.: -0.038 min
Response: 79559
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



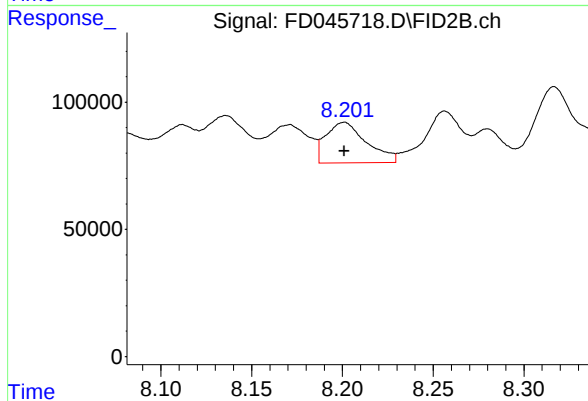
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: 0.005 min
Response: 317078
Conc: 1.61 ug/ml



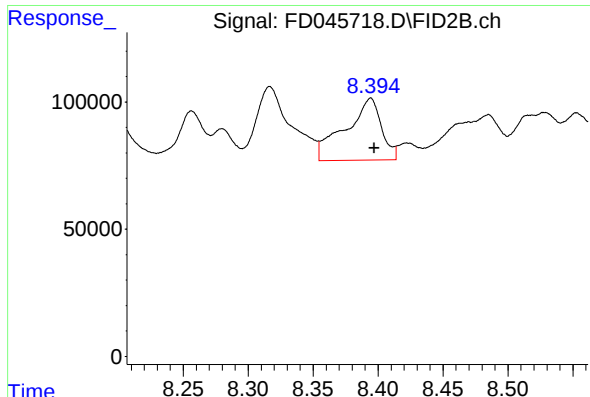
#4 2-Bromonaphthalene (SURR)

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 533894
Conc: 3.13 ug/ml



#5 Acenaphthylene (C15.06)

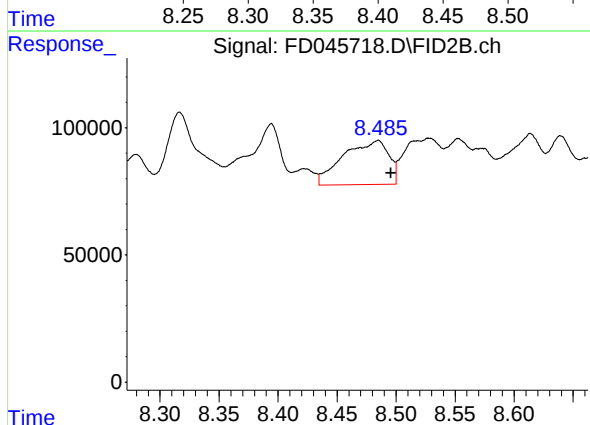
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 249054
Conc: 1.39 ug/ml



#6 2-Fluorobiphenyl (SURR)

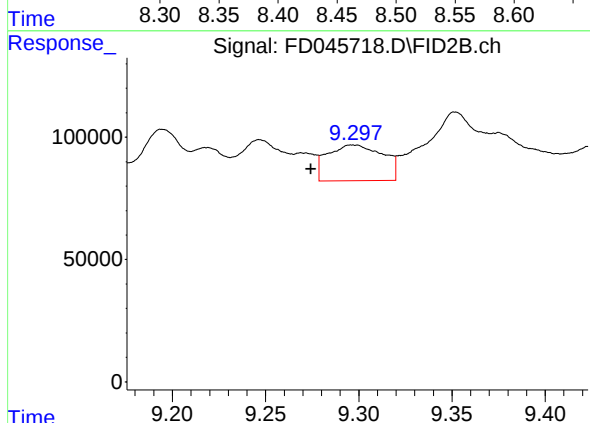
R.T.: 8.394 min
Delta R.T.: -0.003 min
Response: 470344
Conc: 4.09 ug/ml

Instrument :
FID_D
ClientSampleId :



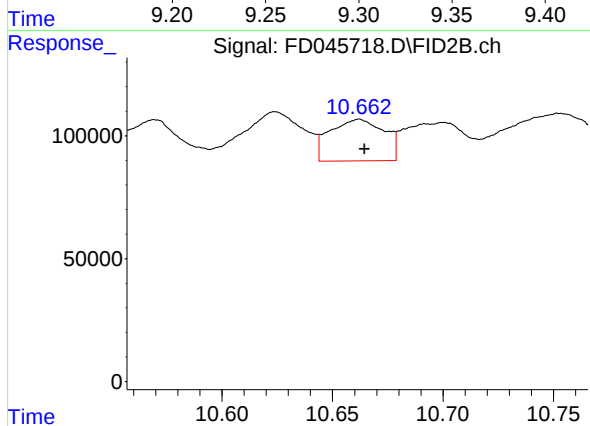
#7 Acenaphthene (C15.5)

R.T.: 8.484 min
Delta R.T.: -0.012 min
Response: 464649
Conc: 2.44 ug/ml



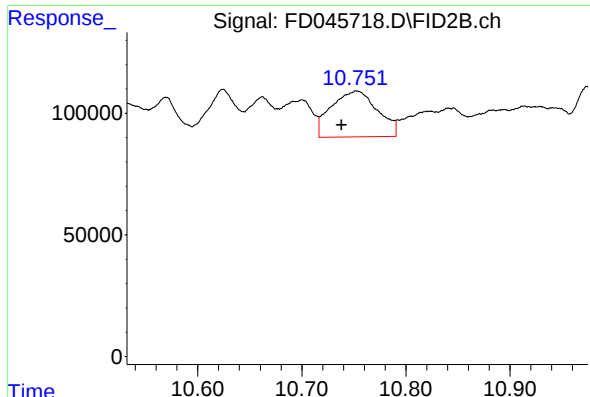
#8 Flouorene (C16.55)

R.T.: 9.297 min
Delta R.T.: 0.023 min
Response: 303965
Conc: 1.61 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.662 min
Delta R.T.: -0.003 min
Response: 289783
Conc: 1.56 ug/ml



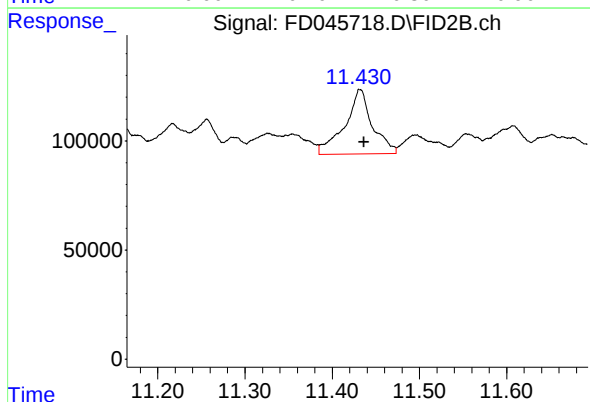
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: 0.015 min
Response: 582707
Conc: 3.26 ug/ml

Instrument :

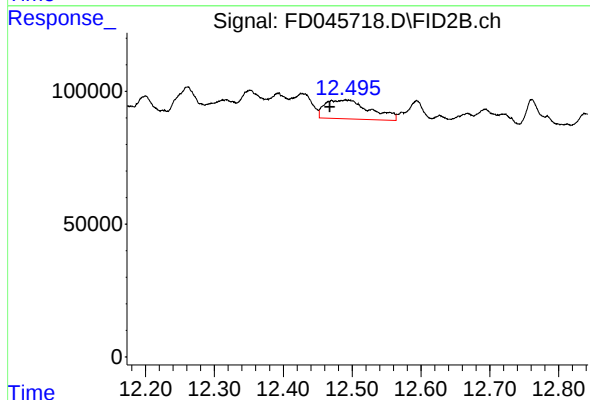
FID_D

ClientSampleId :



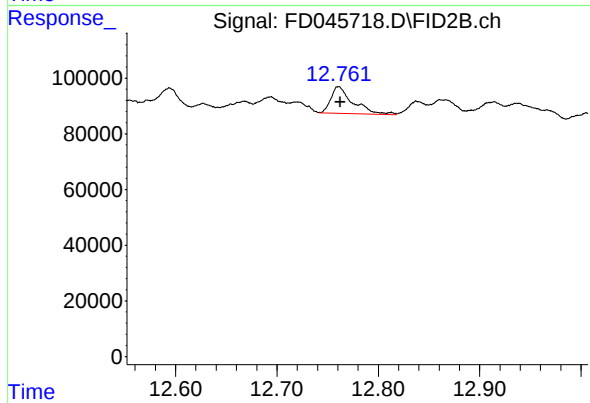
#11 ortho-Terphenyl (SURR)

R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 646367
Conc: 3.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.492 min
Delta R.T.: 0.024 min
Response: 318458
Conc: 1.77 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.761 min
Delta R.T.: -0.001 min
Response: 145375
Conc: 0.83 ug/ml