

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045715.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 10:44
 Operator : YP/AJ
 Sample : 02837-01DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 00:25:35 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...	7.543	5571515	32.664 ug/ml
Spiked Amount 50.000		Recovery =	65.33%
6) S 2-Fluorobiphenyl (SURR)	8.397	5527032	48.072 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.14%
11) S ortho-Terphenyl (SURR)	11.440	11462137	54.292 ug/ml
Spiked Amount 50.000		Recovery =	108.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	123456	0.661 ug/ml
2) T Naphthalene (C11.7)	5.844	1062810	5.403 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	3342480	16.920 ug/ml
5) T Acenaphthylene (C15.06)	8.204	3726312	20.740 ug/ml
7) T Acenaphthene (C15.5)	8.489	6045579	31.769 ug/ml
8) T Flouorene (C16.55)	9.252	4981318	26.413 ug/ml
9) T Phenanthrene (C19.36)	10.669	4044669	21.760 ug/ml
10) T Anthracene (C19.43)	10.761	8853635	49.525 ug/ml
12) T Fluoranthene (C21.85)	12.477	3080761	17.078 ug/ml
13) T Pyrene (C20.8)	12.769	5726784	32.676 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	56457	0.440 ug/ml

(f)=RT Delta > 1/2 Window

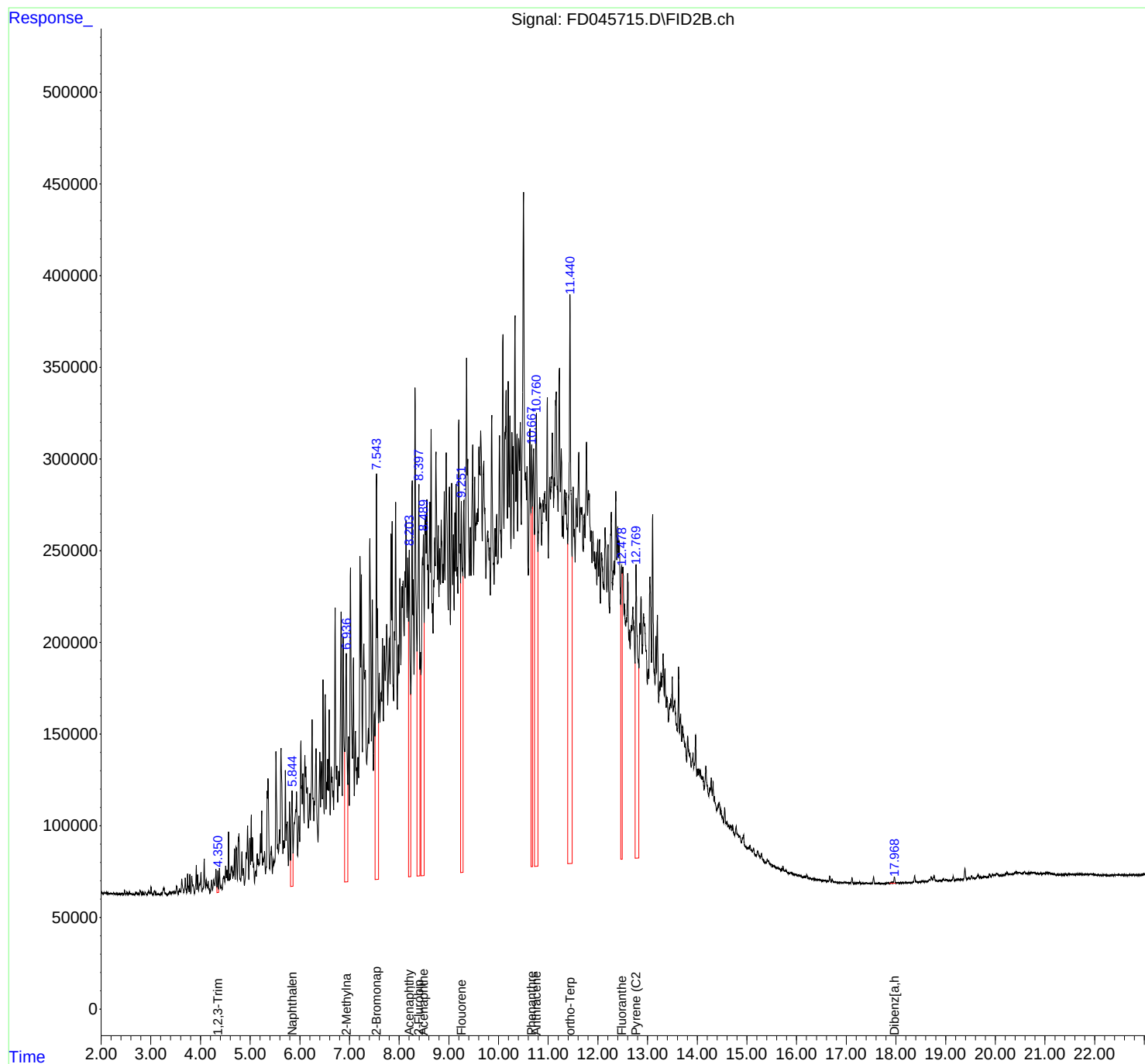
(m)=manual int.

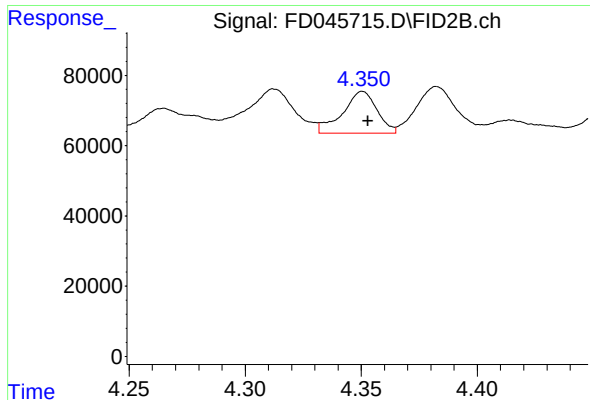
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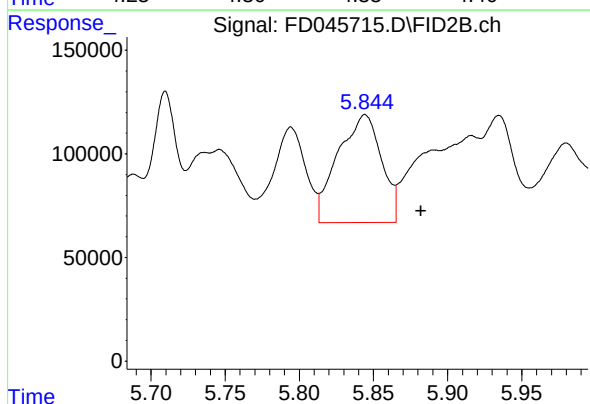




#1 1,2,3-Trimethylbenzene (C10.1)

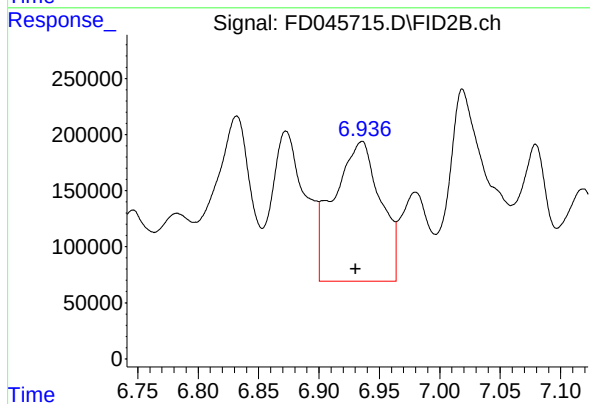
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 123456
Conc: 0.66 ug/ml

Instrument :
FID_D
ClientSampleId :



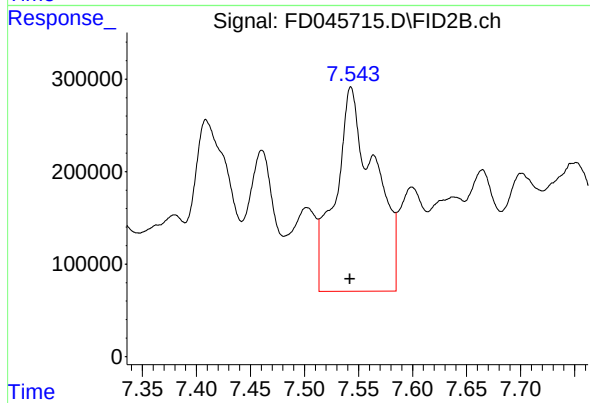
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.038 min
Response: 1062810
Conc: 5.40 ug/ml



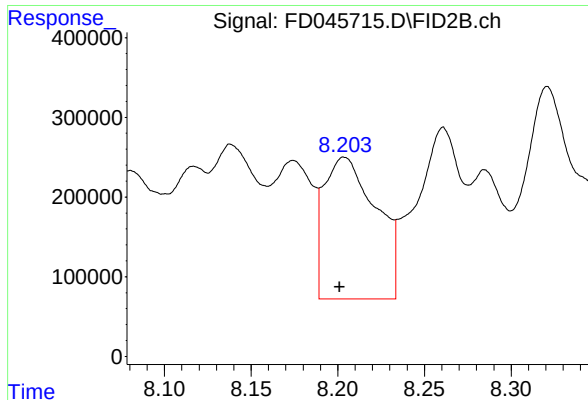
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: 0.005 min
Response: 3342480
Conc: 16.92 ug/ml



#4 2-Bromonaphthalene (SURR)

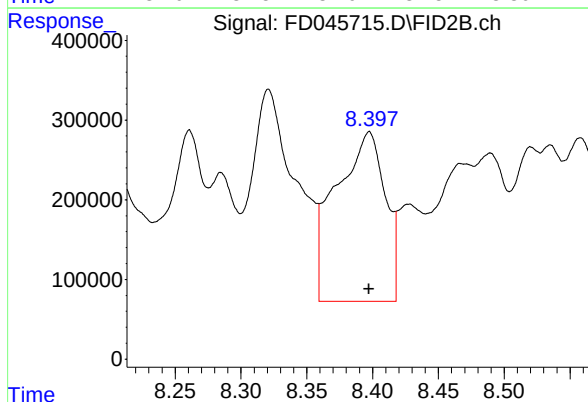
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 5571515
Conc: 32.66 ug/ml



#5 Acenaphthylene (C15.06)

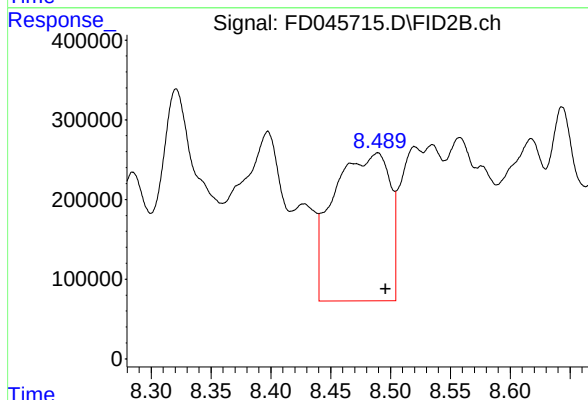
R.T.: 8.204 min
Delta R.T.: 0.003 min
Response: 3726312
Conc: 20.74 ug/ml

Instrument :
FID_D
ClientSampleId :



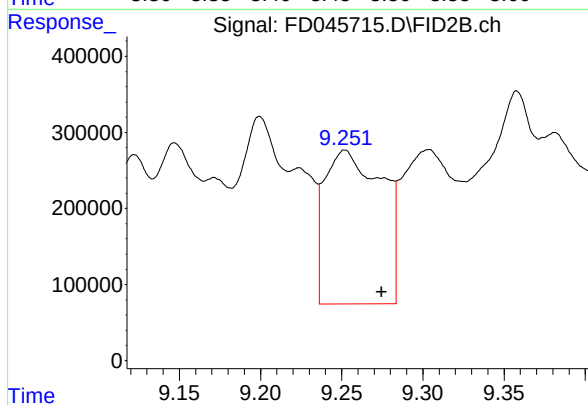
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 5527032
Conc: 48.07 ug/ml



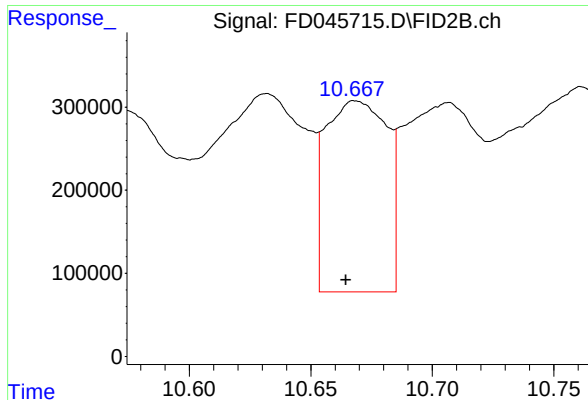
#7 Acenaphthene (C15.5)

R.T.: 8.489 min
Delta R.T.: -0.007 min
Response: 6045579
Conc: 31.77 ug/ml



#8 Flouorene (C16.55)

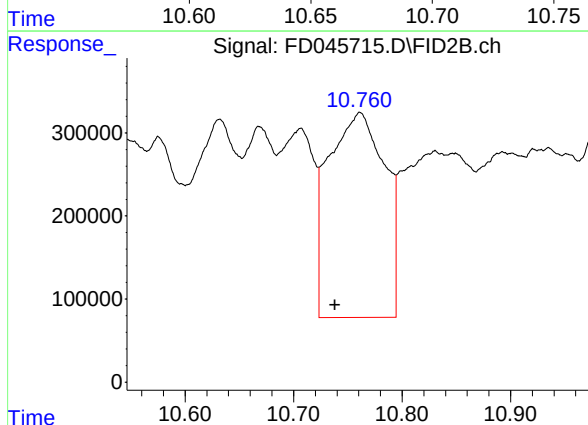
R.T.: 9.252 min
Delta R.T.: -0.023 min
Response: 4981318
Conc: 26.41 ug/ml



#9 Phenanthrene (C19.36)

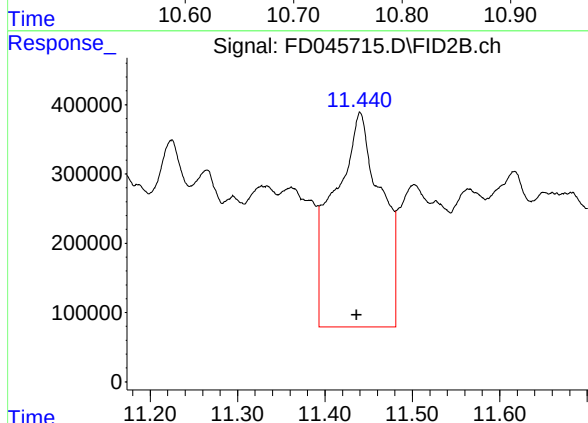
R.T.: 10.669 min
Delta R.T.: 0.004 min
Response: 4044669
Conc: 21.76 ug/ml

Instrument :
FID_D
ClientSampleId :



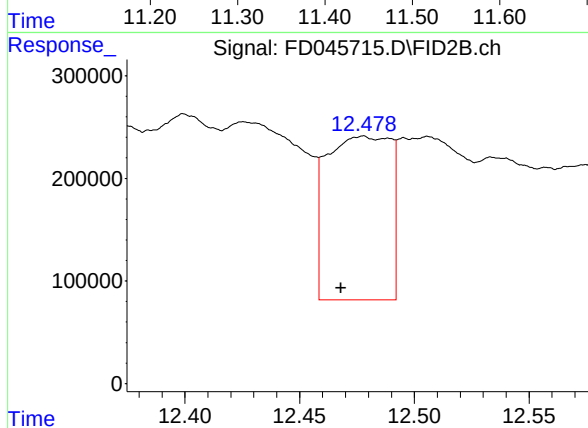
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.023 min
Response: 8853635
Conc: 49.52 ug/ml



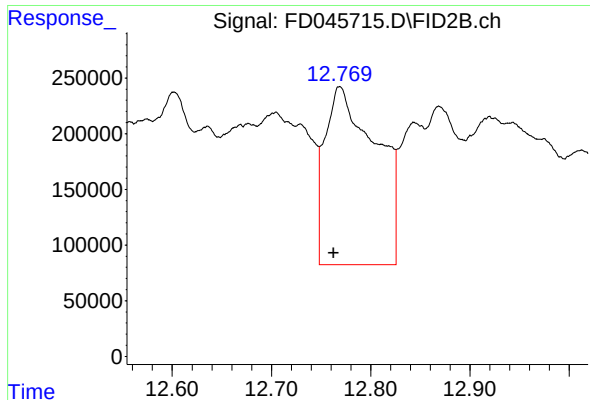
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.004 min
Response: 11462137
Conc: 54.29 ug/ml



#12 Fluoranthene (C21.85)

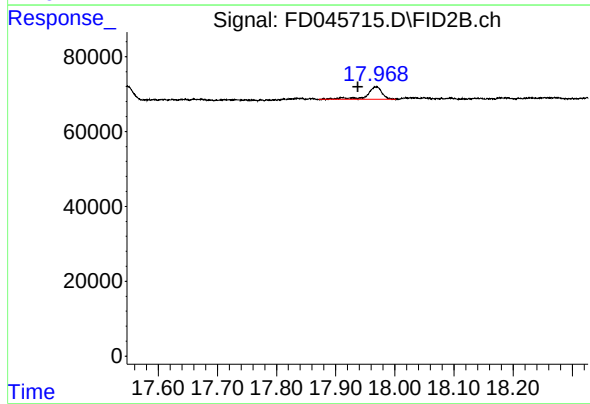
R.T.: 12.477 min
Delta R.T.: 0.009 min
Response: 3080761
Conc: 17.08 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.769 min
Delta R.T.: 0.007 min
Response: 5726784
Conc: 32.68 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.968 min
Delta R.T.: 0.030 min
Response: 56457
Conc: 0.44 ug/ml