

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045638.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2023 08:43
 Operator : YP/AJ
 Sample : 02628-01DL 20X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 09:14:27 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	738203	4.328 ug/ml
Spiked Amount 50.000		Recovery =	8.66%
6) S 2-Fluorobiphenyl (SURR)	8.396	550771	4.790 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.58%
11) S ortho-Terphenyl (SURR)	11.435	1029002	4.874 ug/ml
Spiked Amount 50.000		Recovery =	9.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	26787	0.144 ug/ml
2) T Naphthalene (C11.7)	5.844	67680	0.344 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	189289	0.958 ug/ml
5) T Acenaphthylene (C15.06)	8.202	146034	0.813 ug/ml
7) T Acenaphthene (C15.5)	8.485	364926	1.918 ug/ml
8) T Flouorene (C16.55)	9.274	132224	0.701 ug/ml
9) T Phenanthrene (C19.36)	10.663	280960	1.512 ug/ml
10) T Anthracene (C19.43)	10.746	653042	3.653 ug/ml
12) T Fluoranthene (C21.85)	12.500	234771	1.301 ug/ml
13) T Pyrene (C20.8)	12.765	142532	0.813 ug/ml

(f)=RT Delta > 1/2 Window

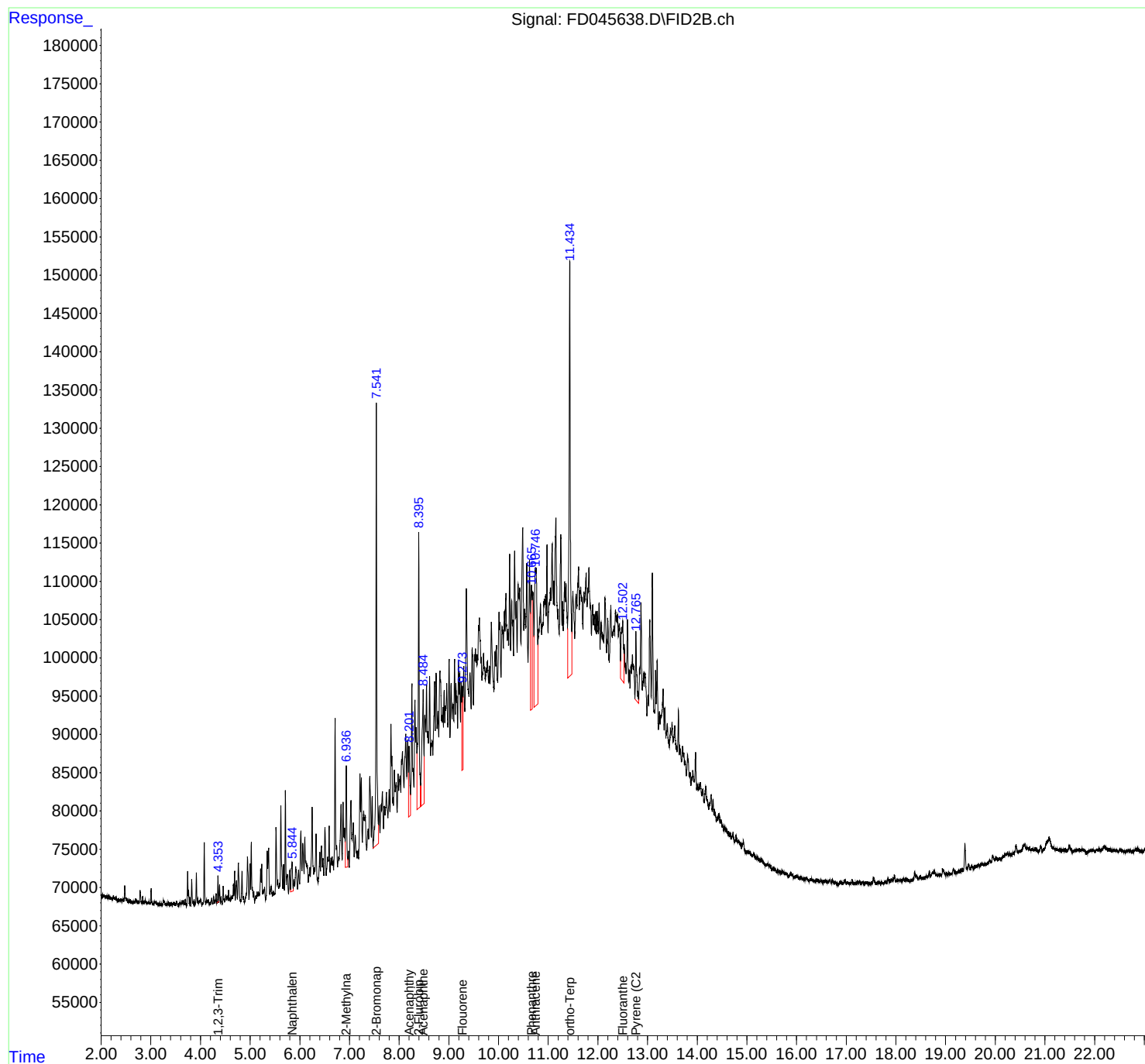
(m)=manual int.

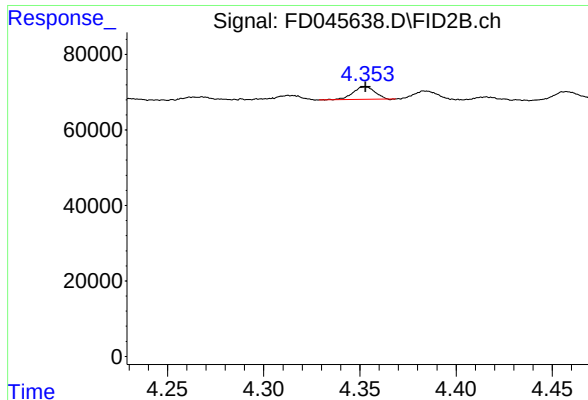
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

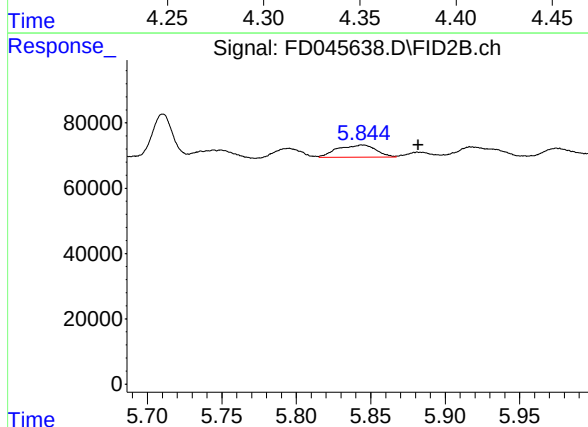




#1 1,2,3-Trimethylbenzene (C10.1)

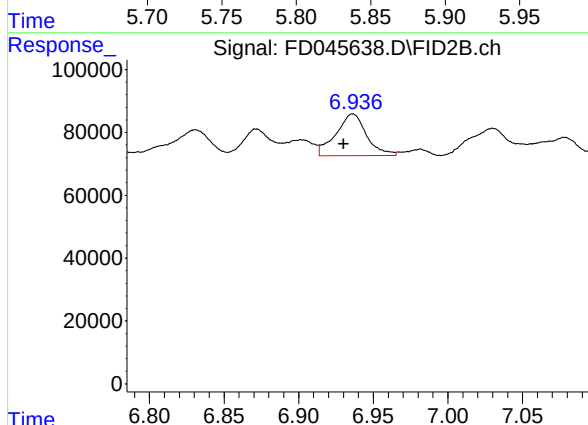
R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 26787
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



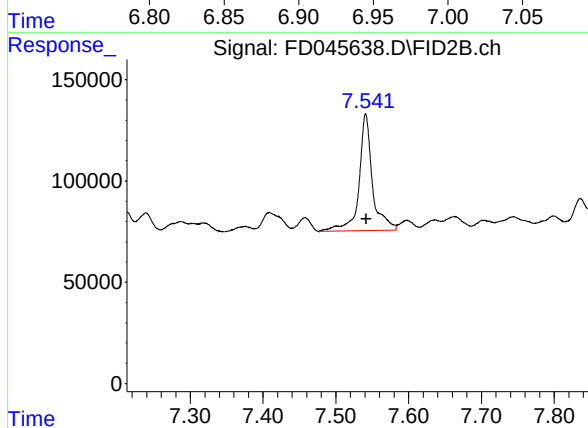
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.038 min
Response: 67680
Conc: 0.34 ug/ml



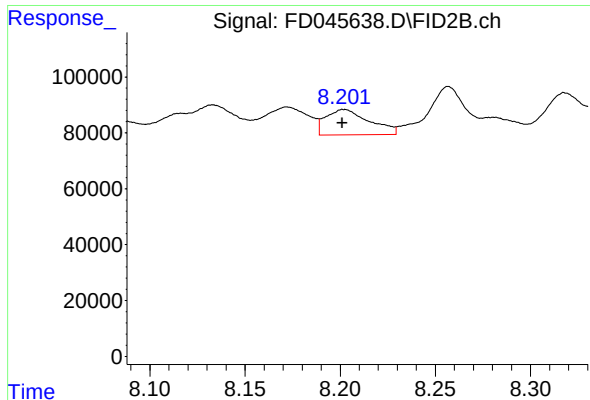
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: 0.006 min
Response: 189289
Conc: 0.96 ug/ml



#4 2-Bromonaphthalene (SURR)

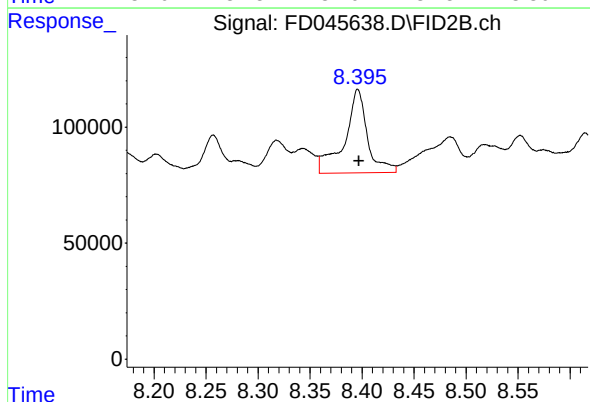
R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 738203
Conc: 4.33 ug/ml



#5 Acenaphthylene (C15.06)

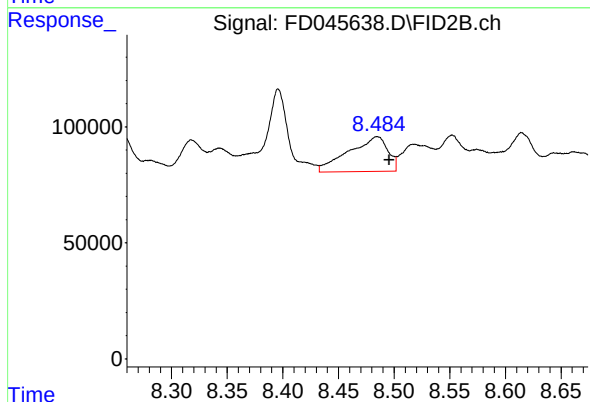
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 146034
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :



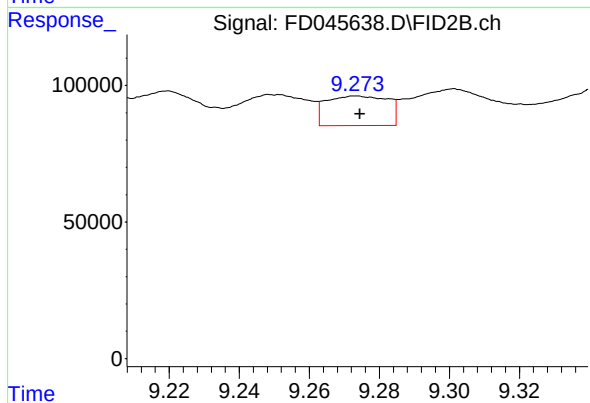
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 550771
Conc: 4.79 ug/ml



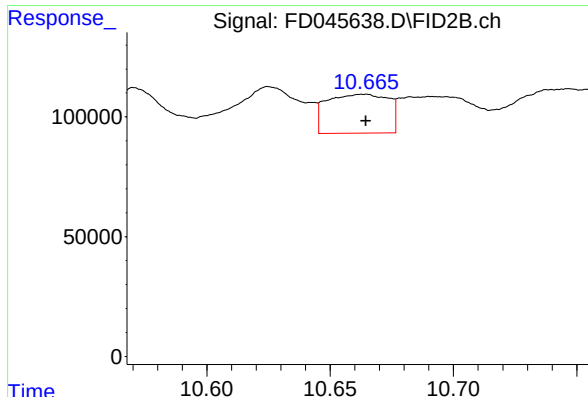
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.011 min
Response: 364926
Conc: 1.92 ug/ml



#8 Flouorene (C16.55)

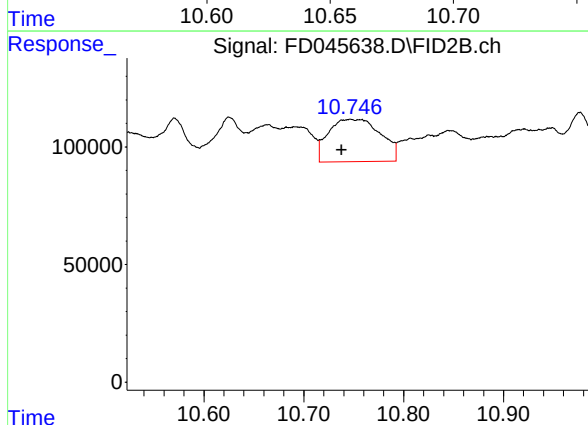
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 132224
Conc: 0.70 ug/ml



#9 Phenanthrene (C19.36)

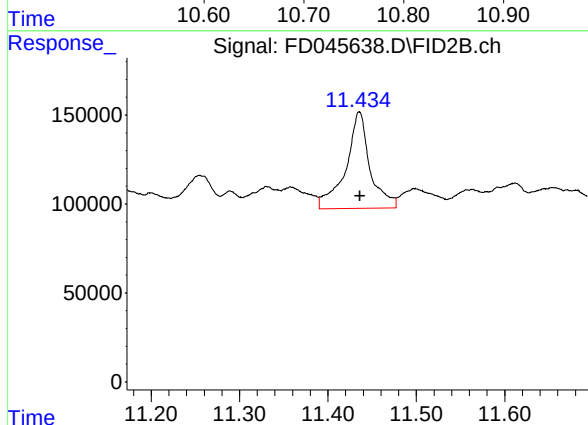
R.T.: 10.663 min
Delta R.T.: -0.001 min
Response: 280960
Conc: 1.51 ug/ml

Instrument :
FID_D
ClientSampleId :



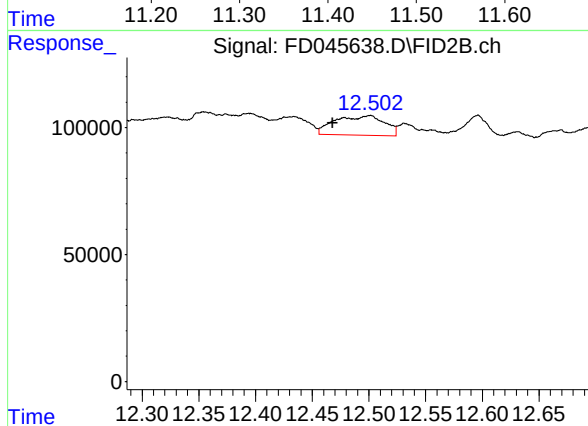
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: 0.008 min
Response: 653042
Conc: 3.65 ug/ml



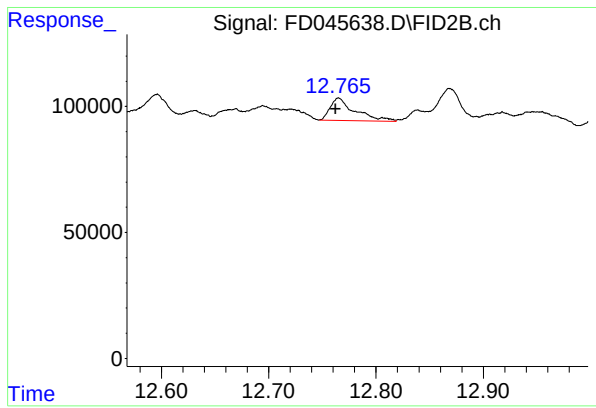
#11 ortho-Terphenyl (SURR)

R.T.: 11.435 min
Delta R.T.: 0.000 min
Response: 1029002
Conc: 4.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.500 min
Delta R.T.: 0.032 min
Response: 234771
Conc: 1.30 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.765 min
Delta R.T.: 0.003 min
Response: 142532
Conc: 0.81 ug/ml

Instrument :

FID_D

ClientSampleId :