

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045704.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 10:38
 Operator : YP/AJ
 Sample : 02837-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 20 11:07:24 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...	7.557	32893092	192.839 ug/ml
Spiked Amount 50.000		Recovery =	385.68%
6) S 2-Fluorobiphenyl (SURR)	8.422	42353146	368.371 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	736.74%#
11) S ortho-Terphenyl (SURR)	11.403	37493966	177.595 ug/ml
Spiked Amount 50.000		Recovery =	355.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	694106	3.718 ug/ml
2) T Naphthalene (C11.7)	5.846	4869977	24.758 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	15168921	76.787 ug/ml
5) T Acenaphthylene (C15.06)	8.193	15897464	88.484 ug/ml
7) T Acenaphthene (C15.5)	8.509	34964881	183.737 ug/ml
8) T Fluorene (C16.55)	9.276	20791242	110.244 ug/ml
9) T Phenanthrene (C19.36)	10.670	42752409	230.007 ug/ml
10) T Anthracene (C19.43)	10.738	30222057	169.053 ug/ml
12) T Fluoranthene (C21.85)	12.448	49542914	274.633 ug/ml
13) T Pyrene (C20.8)	12.767	16240003	92.662 ug/ml
14) T Benzo[a]anthracene (C...	14.615	4438637	27.886 ug/ml
15) T Chrysene (C27.41)	14.650	4352010	26.802 ug/ml

(f)=RT Delta > 1/2 Window

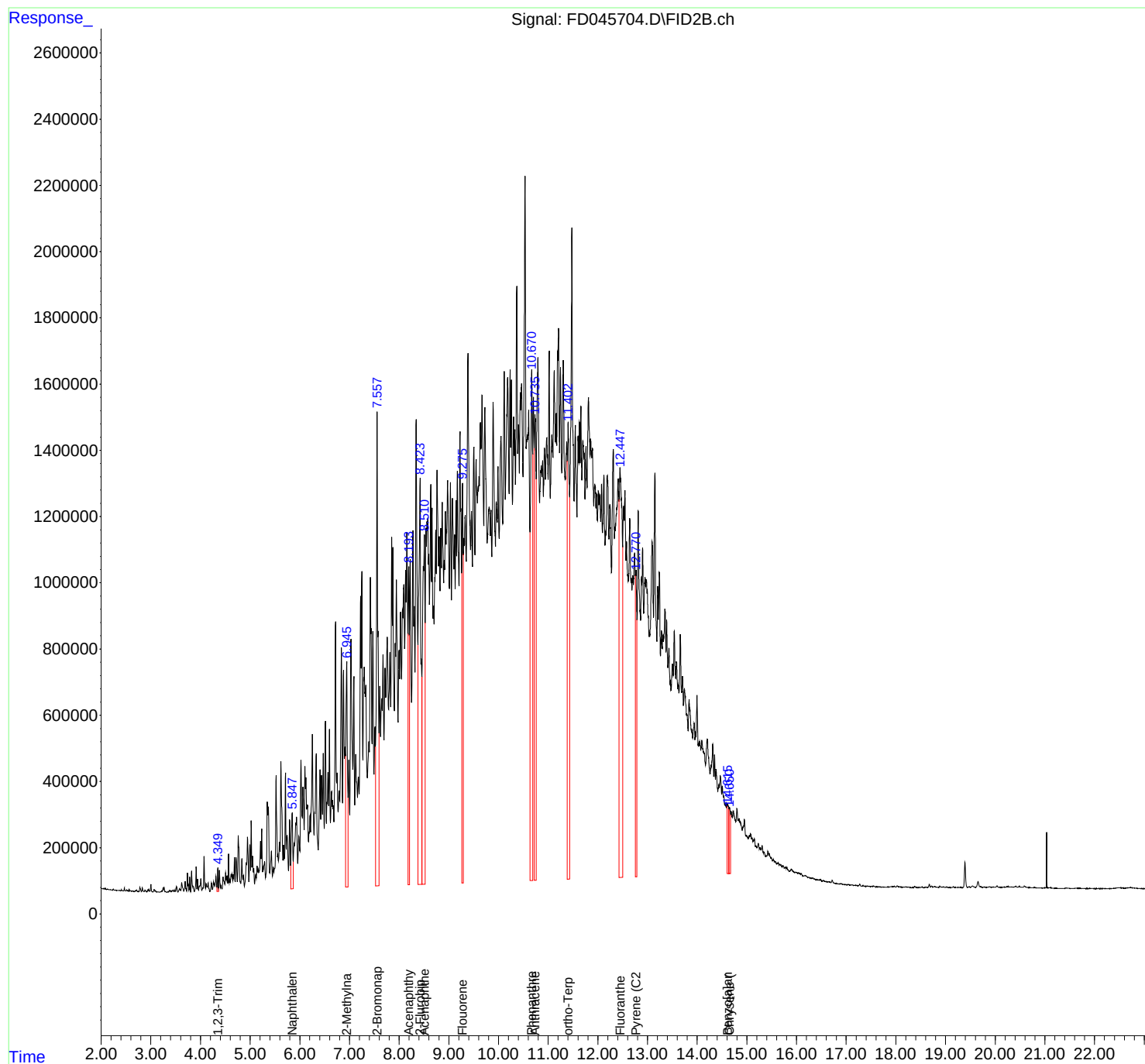
(m)=manual int.

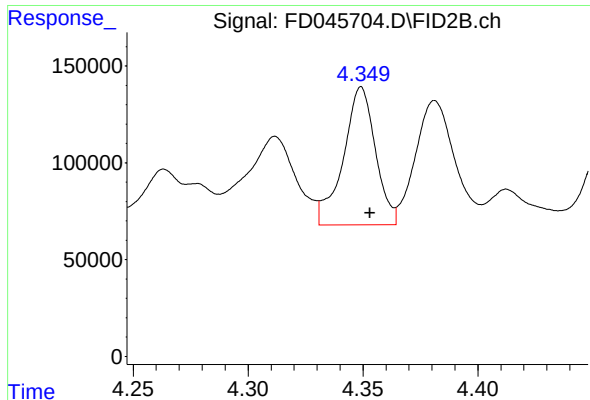
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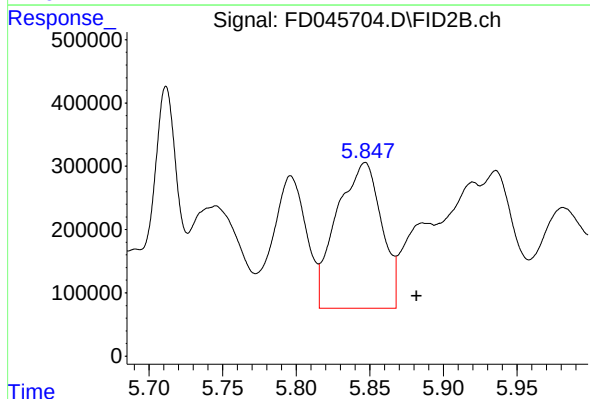




#1 1,2,3-Trimethylbenzene (C10.1)

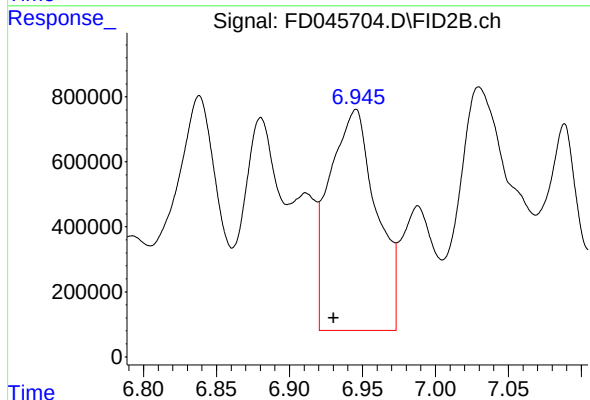
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 694106
Conc: 3.72 ug/ml

Instrument :
FID_D
ClientSampleId :



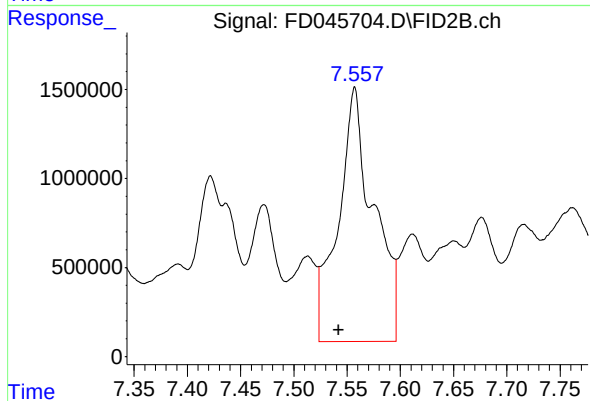
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: -0.035 min
Response: 4869977
Conc: 24.76 ug/ml



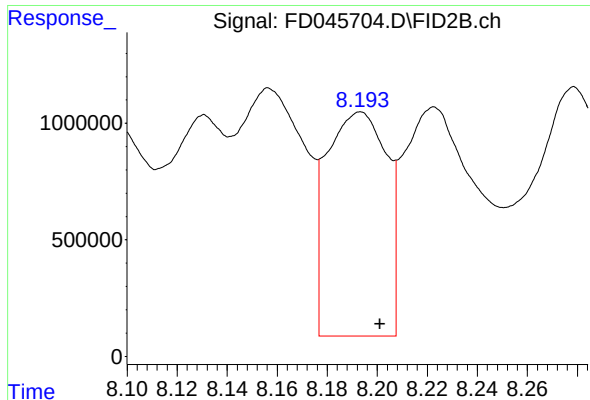
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: 0.015 min
Response: 15168921
Conc: 76.79 ug/ml



#4 2-Bromonaphthalene (SURR)

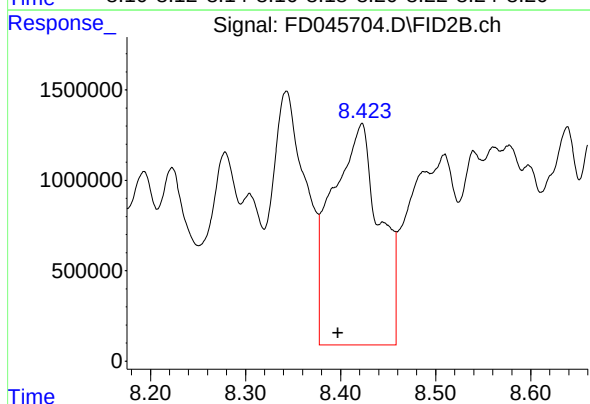
R.T.: 7.557 min
Delta R.T.: 0.015 min
Response: 32893092
Conc: 192.84 ug/ml



#5 Acenaphthylene (C15.06)

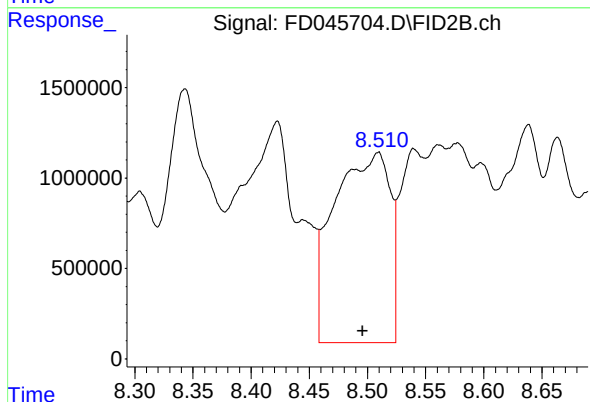
R.T.: 8.193 min
Delta R.T.: -0.008 min
Response: 15897464
Conc: 88.48 ug/ml

Instrument :
FID_D
ClientSampleId :



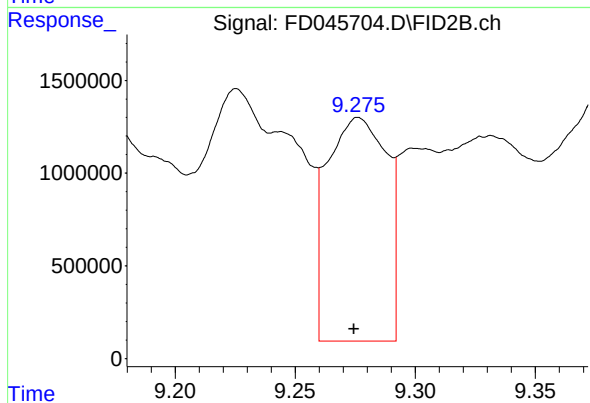
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.422 min
Delta R.T.: 0.025 min
Response: 42353146
Conc: 368.37 ug/ml



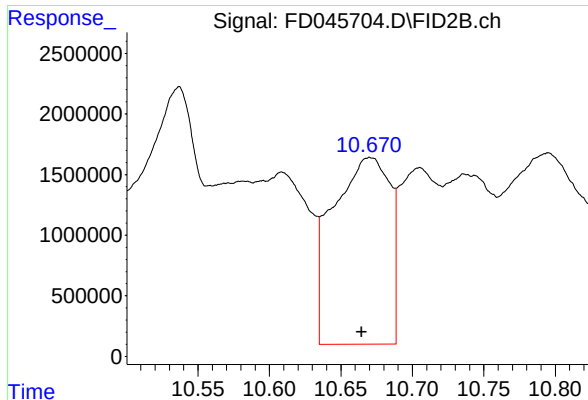
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: 0.013 min
Response: 34964881
Conc: 183.74 ug/ml



#8 Flouorene (C16.55)

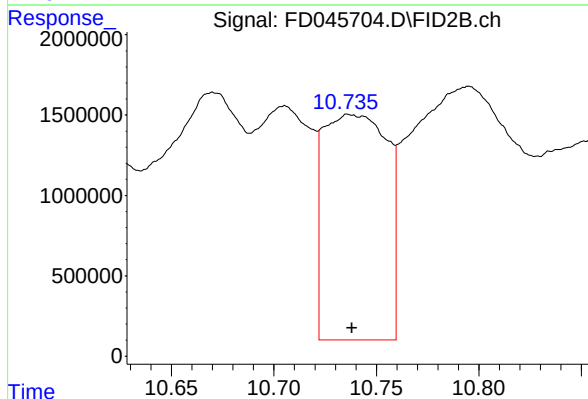
R.T.: 9.276 min
Delta R.T.: 0.002 min
Response: 20791242
Conc: 110.24 ug/ml



#9 Phenanthrene (C19.36)

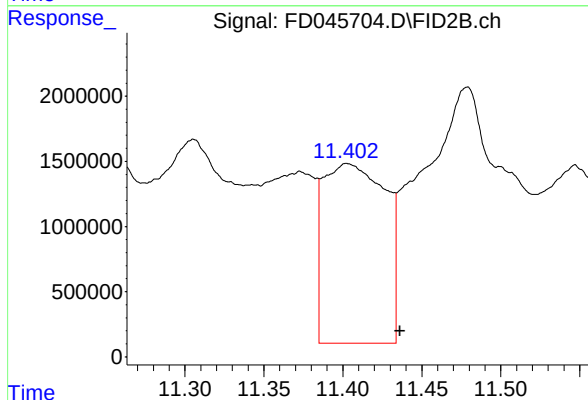
R.T.: 10.670 min
Delta R.T.: 0.006 min
Response: 42752409
Conc: 230.01 ug/ml

Instrument :
FID_D
ClientSampleId :



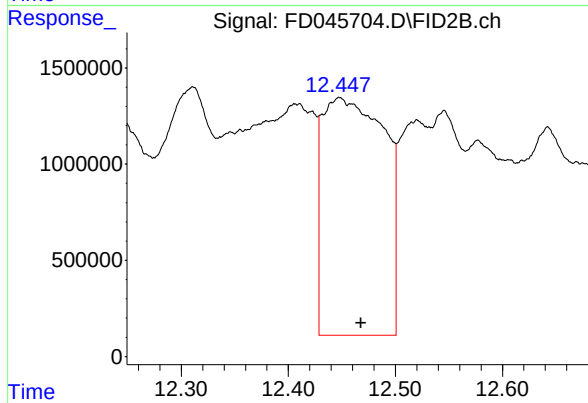
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.000 min
Response: 30222057
Conc: 169.05 ug/ml



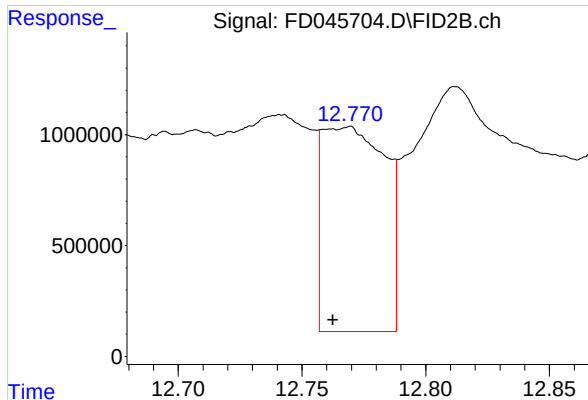
#11 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: -0.033 min
Response: 37493966
Conc: 177.59 ug/ml



#12 Fluoranthene (C21.85)

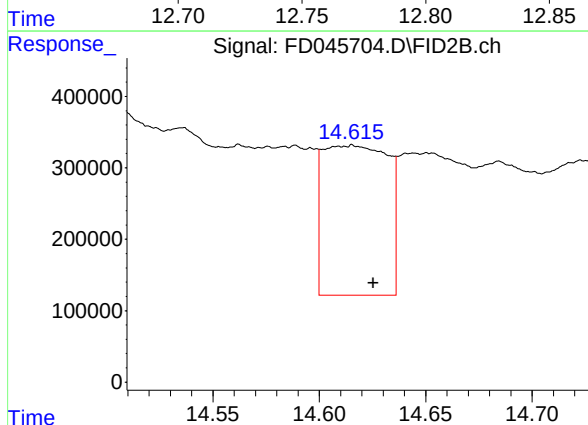
R.T.: 12.448 min
Delta R.T.: -0.020 min
Response: 49542914
Conc: 274.63 ug/ml



#13 Pyrene (C20.8)

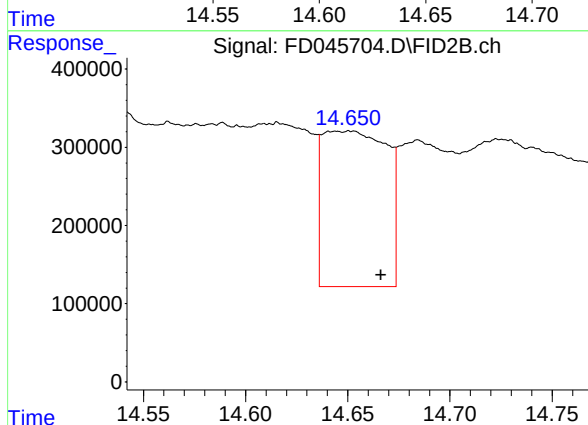
R.T.: 12.767 min
Delta R.T.: 0.005 min
Response: 16240003
Conc: 92.66 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 14.615 min
Delta R.T.: -0.010 min
Response: 4438637
Conc: 27.89 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.650 min
Delta R.T.: -0.016 min
Response: 4352010
Conc: 26.80 ug/ml