

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039900.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 4:28
 Operator : AJ\MA
 Sample : M5011-10
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 10:29:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.929	2765200	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
6) S 2-Fluorobiphenyl (SURR)	7.786	5497266	55.955 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.91%
11) S ortho-Terphenyl (SURR)	10.828	7485393	49.171 ug/ml
Spiked Amount 50.000		Recovery =	98.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.788	830758	5.486 ug/ml
2) T Naphthalene (C11.7)	5.305	6199000	38.571 ug/ml
3) T 2-Methylnaphthalene (...)	6.330	24049213	148.011 ug/ml
5) T Acenaphthylene (C15.06)	7.638	385747	2.579 ug/ml
7) T Acenaphthene (C15.5)	7.895	489771	3.083 ug/ml
8) T Flouorene (C16.55)	8.685	717267	4.559 ug/ml
9) T Phenanthrene (C19.36)	10.050	2422221	15.611 ug/ml
10) T Anthracene (C19.43)	10.139	1238768	8.299 ug/ml
12) T Fluoranthene (C21.85)	11.878	398144	2.603 ug/ml
13) T Pyrene (C20.8)	12.152	502651	3.372 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.375	71778	0.586 ug/ml
20) T Dibenz[a,h]anthracene...	17.375	71778	0.585 ug/ml

(f)=RT Delta > 1/2 Window

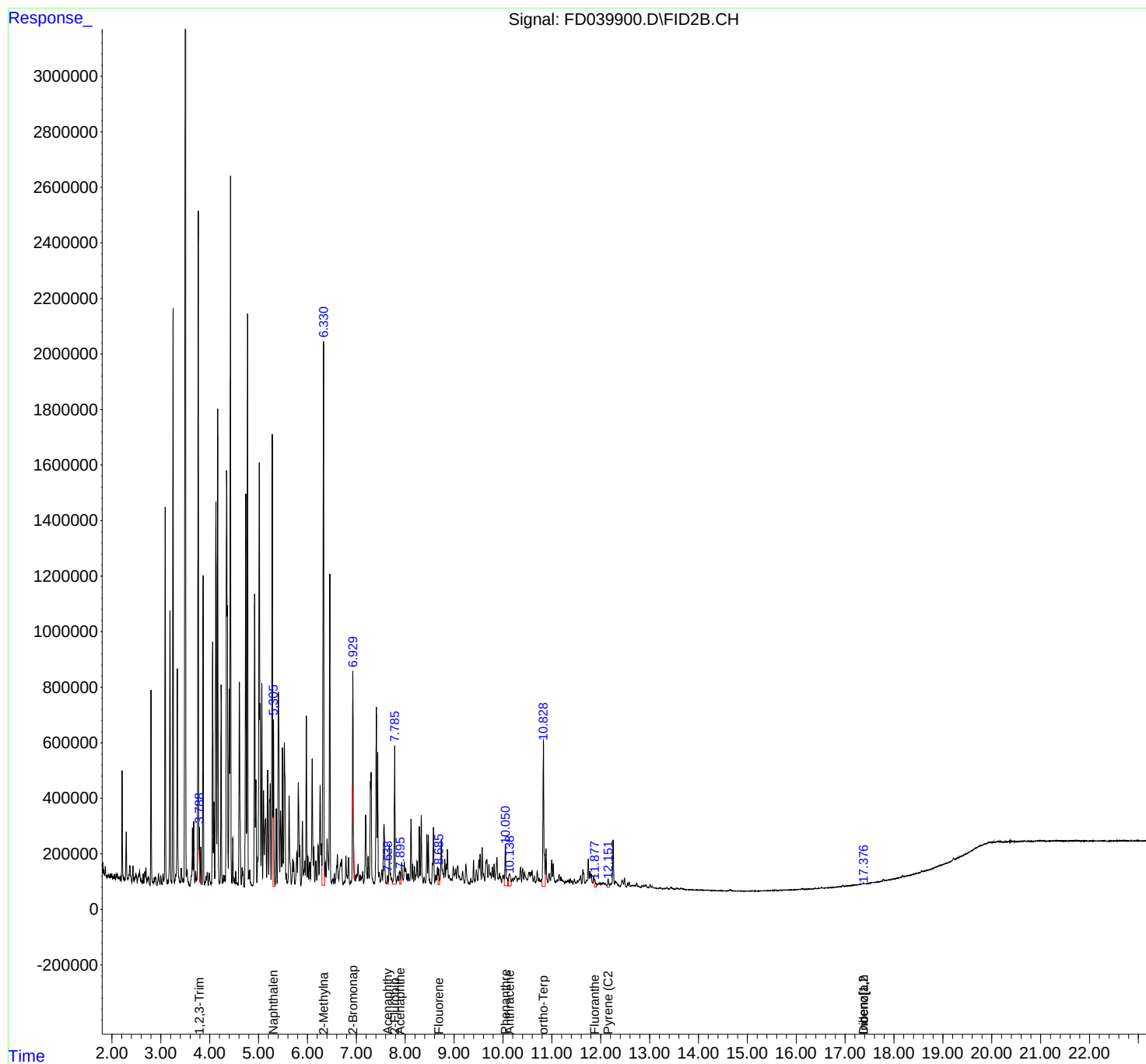
(m)=manual int.

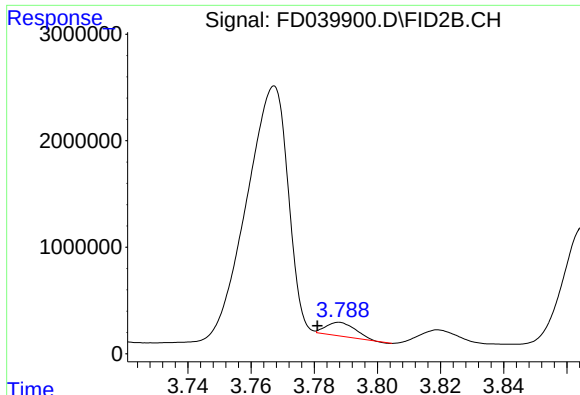
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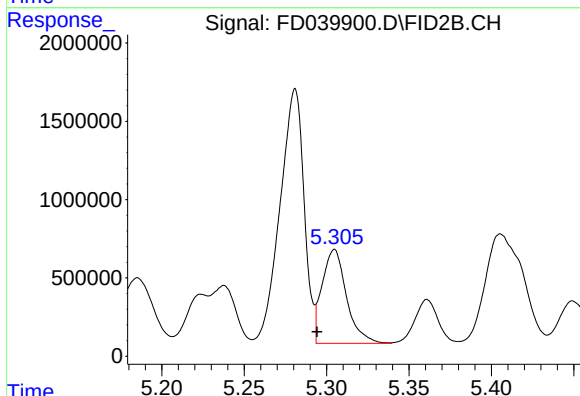




#1 1,2,3-Trimethylbenzene (C10.1)

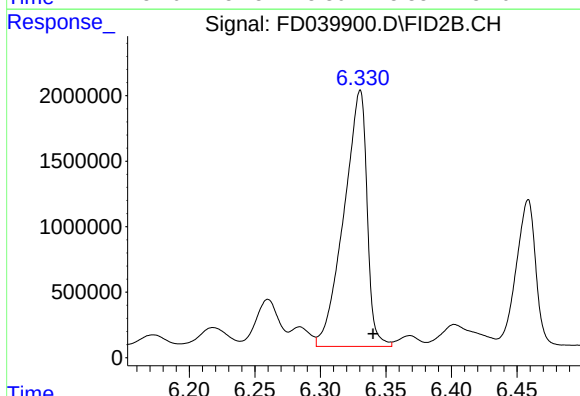
R.T.: 3.788 min
Delta R.T.: 0.007 min
Response: 830758
Conc: 5.49 ug/ml

Instrument :
FID_D
ClientSampleId :



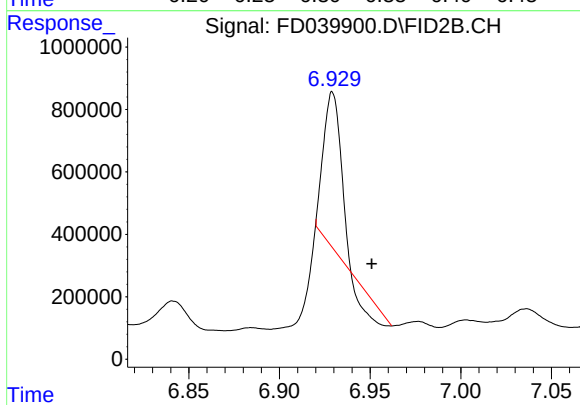
#2 Naphthalene (C11.7)

R.T.: 5.305 min
Delta R.T.: 0.011 min
Response: 6199000
Conc: 38.57 ug/ml



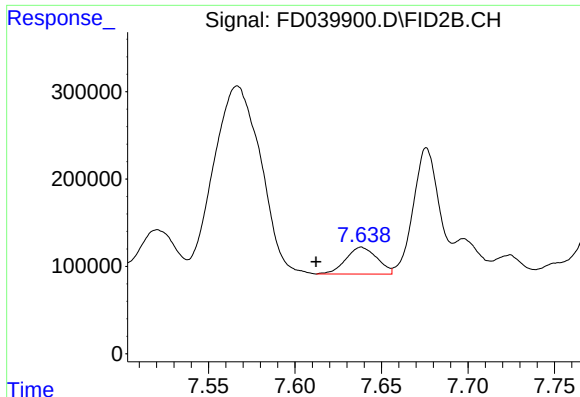
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.330 min
Delta R.T.: -0.010 min
Response: 24049213
Conc: 148.01 ug/ml



#4 2-Bromonaphthalene (SURR)

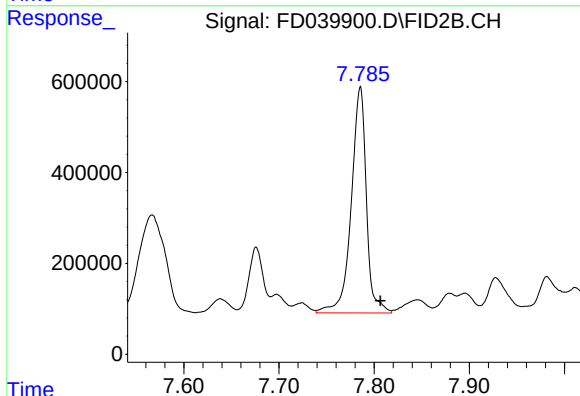
R.T.: 6.929 min
Delta R.T.: -0.021 min
Response: 2765200
Conc: 19.45 ug/ml



#5 Acenaphthylene (C15.06)

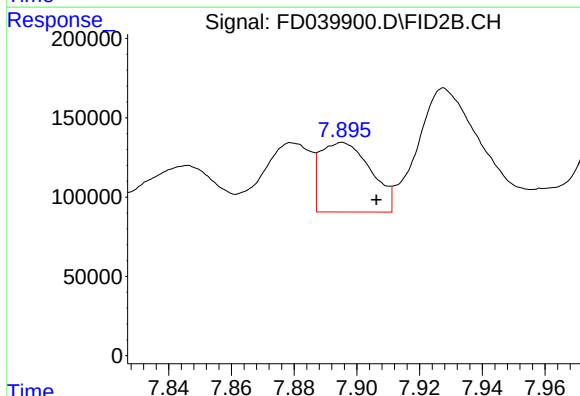
R.T.: 7.638 min
Delta R.T.: 0.026 min
Response: 385747
Conc: 2.58 ug/ml

Instrument :
FID_D
ClientSampleId :



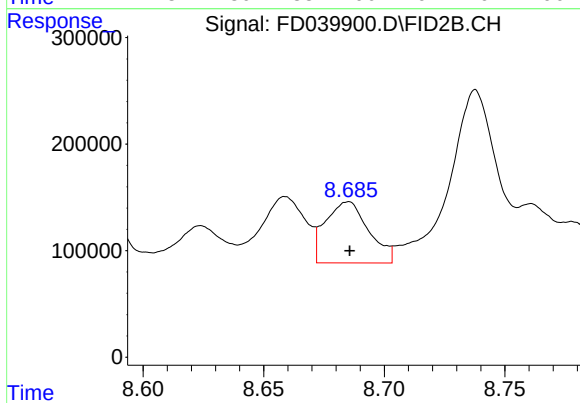
#6 2-Fluorobiphenyl (SURRE)

R.T.: 7.786 min
Delta R.T.: -0.021 min
Response: 5497266
Conc: 55.95 ug/ml



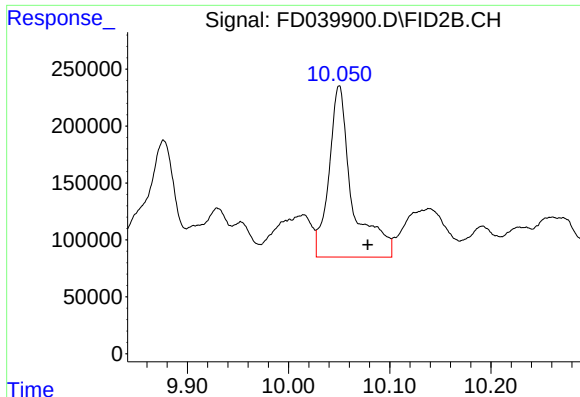
#7 Acenaphthene (C15.5)

R.T.: 7.895 min
Delta R.T.: -0.011 min
Response: 489771
Conc: 3.08 ug/ml



#8 Fluorene (C16.55)

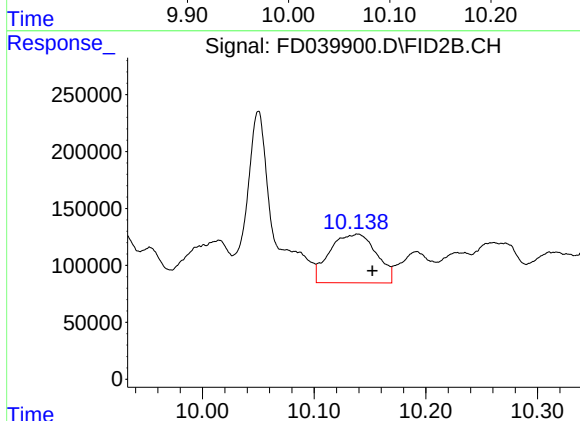
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 717267
Conc: 4.56 ug/ml



#9 Phenanthrene (C19.36)

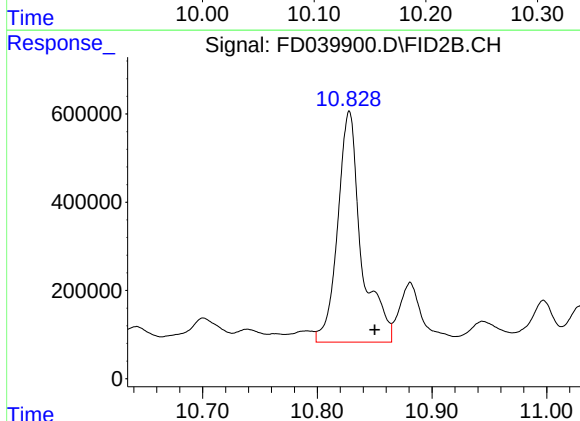
R.T.: 10.050 min
Delta R.T.: -0.028 min
Response: 2422221
Conc: 15.61 ug/ml

Instrument :
FID_D
ClientSampleId :



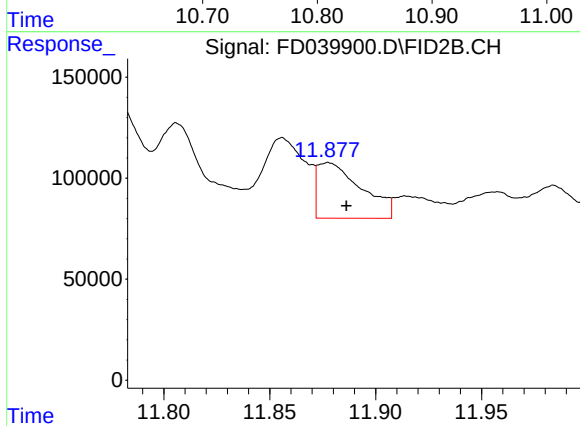
#10 Anthracene (C19.43)

R.T.: 10.139 min
Delta R.T.: -0.013 min
Response: 1238768
Conc: 8.30 ug/ml



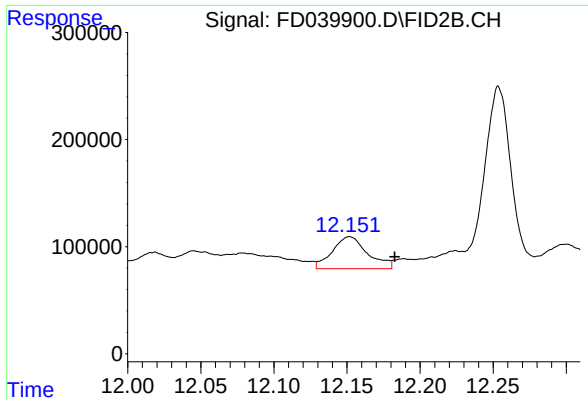
#11 ortho-Terphenyl (SURR)

R.T.: 10.828 min
Delta R.T.: -0.022 min
Response: 7485393
Conc: 49.17 ug/ml



#12 Fluoranthene (C21.85)

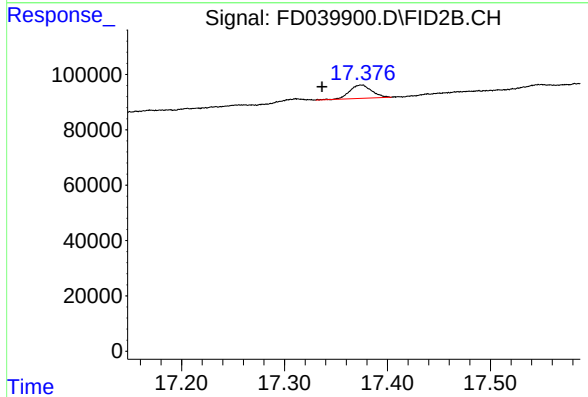
R.T.: 11.878 min
Delta R.T.: -0.009 min
Response: 398144
Conc: 2.60 ug/ml



#13 Pyrene (C20.8)

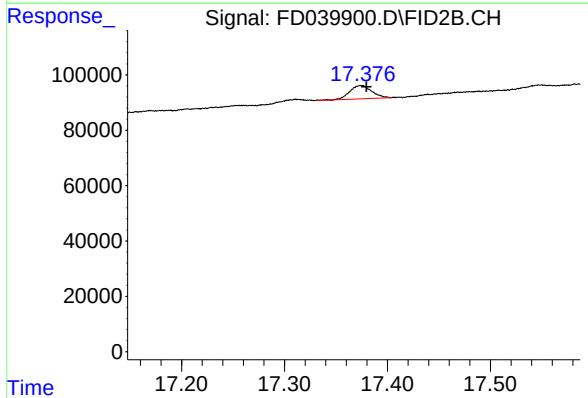
R.T.: 12.152 min
Delta R.T.: -0.031 min
Response: 502651
Conc: 3.37 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.375 min
Delta R.T.: 0.038 min
Response: 71778
Conc: 0.59 ug/ml



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

R.T.: 17.375 min
Delta R.T.: -0.005 min
Response: 71778
Conc: 0.59 ug/ml