

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AR\
 Data File : FD039953.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 12:45
 Operator : AJ\MA
 Sample : M5011-19DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 00:15:11 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...	6.935	57699	0.406 ug/ml
Spiked Amount 50.000		Recovery =	0.81%
6) S 2-Fluorobiphenyl (SURR)	7.763	48462	0.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	0.99%
11) S ortho-Terphenyl (SURR)	10.801	253548	1.666 ug/ml
Spiked Amount 50.000		Recovery =	3.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.752	43890	0.290 ug/ml
2) T Naphthalene (C11.7)	5.260	712265	4.432 ug/ml
3) T 2-Methylnaphthalene (...)	6.322	148887	0.916 ug/ml
5) T Acenaphthylene (C15.06)	7.595	88465	0.591 ug/ml
7) T Acenaphthene (C15.5)	7.855	124376	0.783 ug/ml
8) T Fluorene (C16.55)	8.639	115801	0.736 ug/ml
9) T Phenanthrene (C19.36)	10.002	429206	2.766 ug/ml
10) T Anthracene (C19.43)	10.097	184038	1.233 ug/ml
12) T Fluoranthene (C21.85)	11.810	42052	0.275 ug/ml
13) T Pyrene (C20.8)	12.106	44802	0.301 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.332	28225	0.230 ug/ml
20) T Dibenz[a,h]anthracene...	17.332	28225	0.230 ug/ml

(f)=RT Delta > 1/2 Window

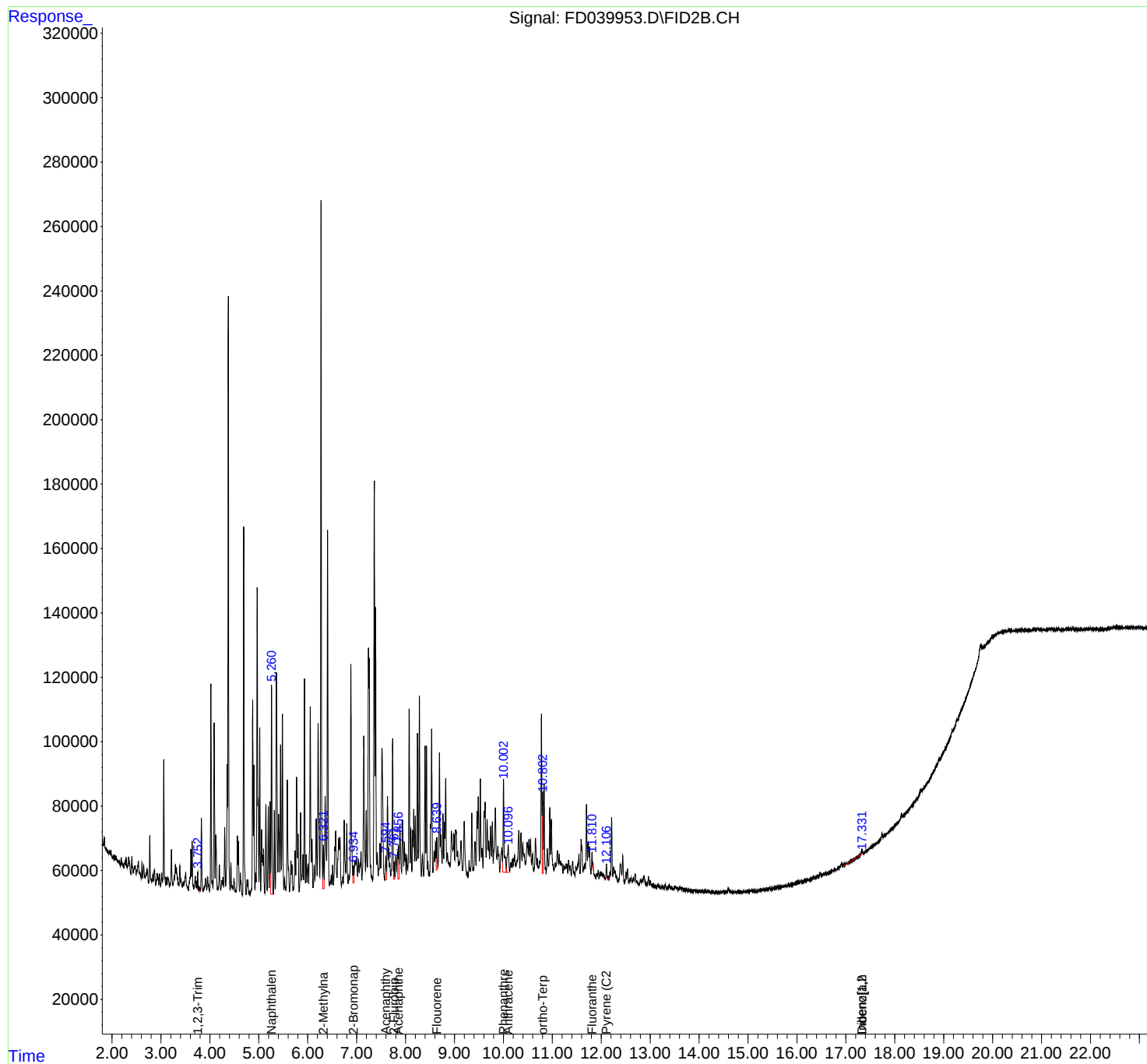
(m)=manual int.

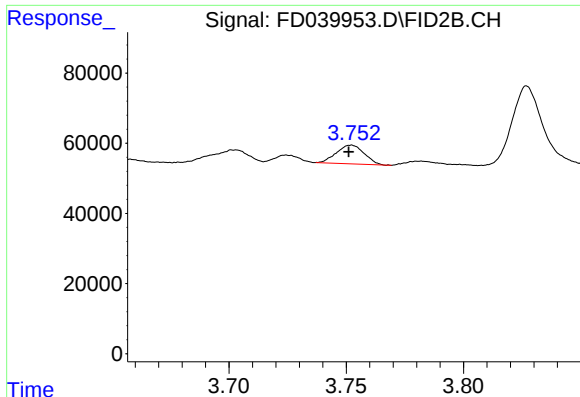
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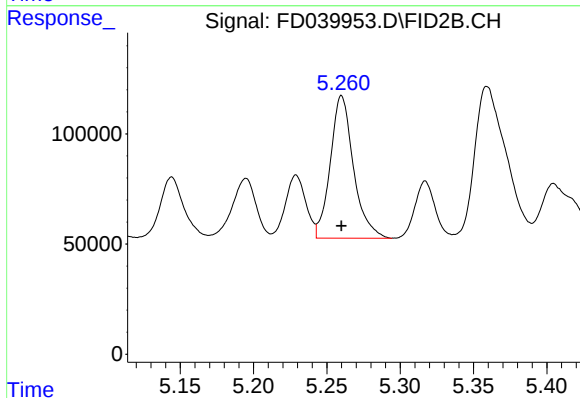




#1 1,2,3-Trimethylbenzene (C10.1)

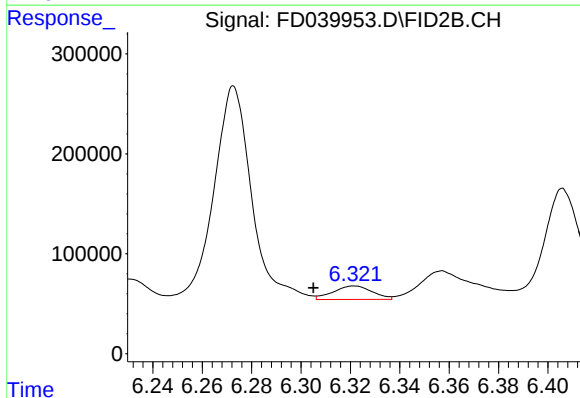
R.T.: 3.752 min
Delta R.T.: 0.001 min
Response: 43890
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



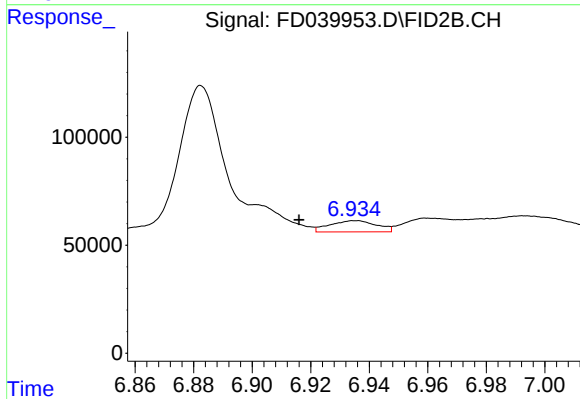
#2 Naphthalene (C11.7)

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 712265
Conc: 4.43 ug/ml



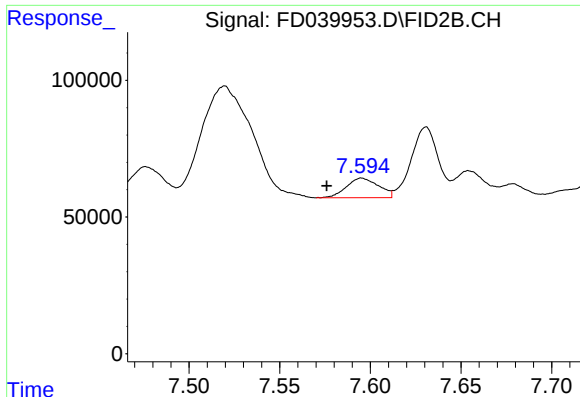
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.322 min
Delta R.T.: 0.017 min
Response: 148887
Conc: 0.92 ug/ml



#4 2-Bromonaphthalene (SURR)

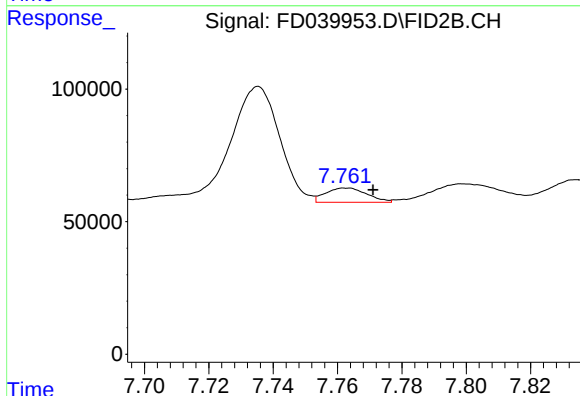
R.T.: 6.935 min
Delta R.T.: 0.019 min
Response: 57699
Conc: 0.41 ug/ml



#5 Acenaphthylene (C15.06)

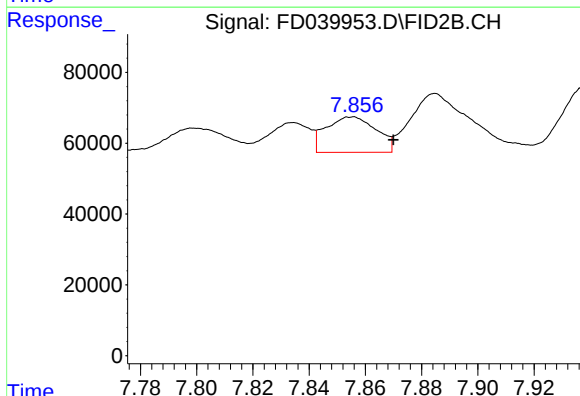
R.T.: 7.595 min
Delta R.T.: 0.019 min
Response: 88465
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



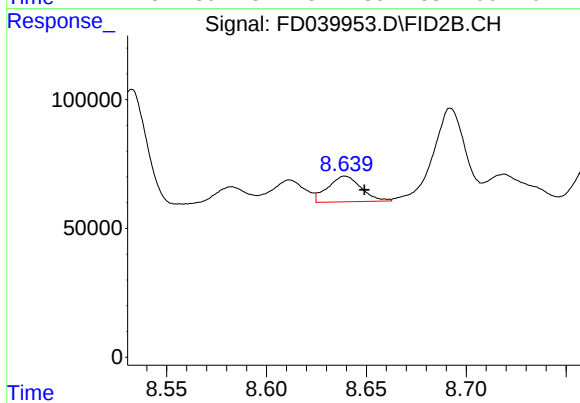
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.763 min
Delta R.T.: -0.008 min
Response: 48462
Conc: 0.49 ug/ml



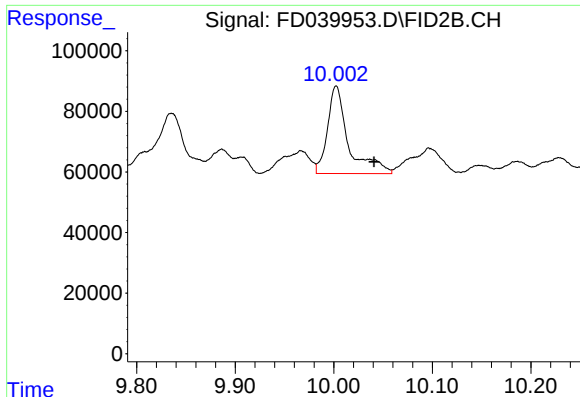
#7 Acenaphthene (C15.5)

R.T.: 7.855 min
Delta R.T.: -0.015 min
Response: 124376
Conc: 0.78 ug/ml



#8 Flouorene (C16.55)

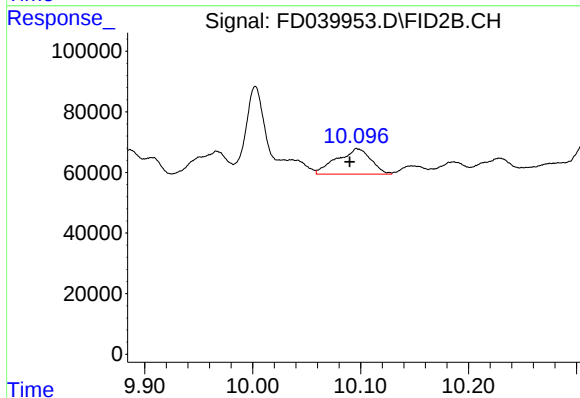
R.T.: 8.639 min
Delta R.T.: -0.010 min
Response: 115801
Conc: 0.74 ug/ml



#9 Phenanthrene (C19.36)

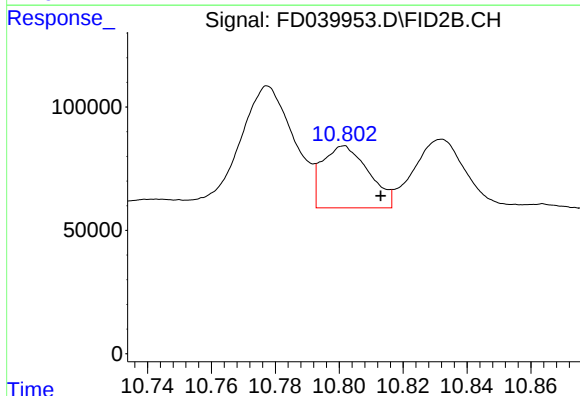
R.T.: 10.002 min
Delta R.T.: -0.039 min
Response: 429206
Conc: 2.77 ug/ml

Instrument :
FID_D
ClientSampleId :



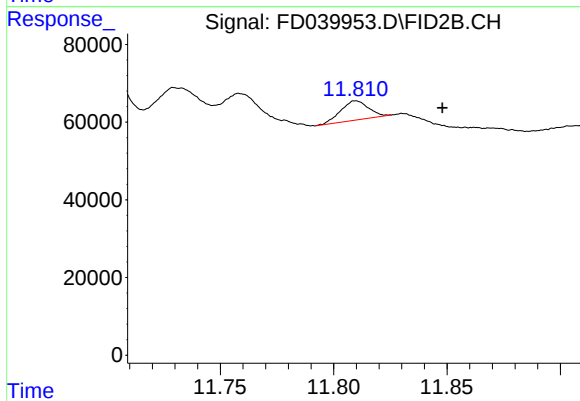
#10 Anthracene (C19.43)

R.T.: 10.097 min
Delta R.T.: 0.007 min
Response: 184038
Conc: 1.23 ug/ml



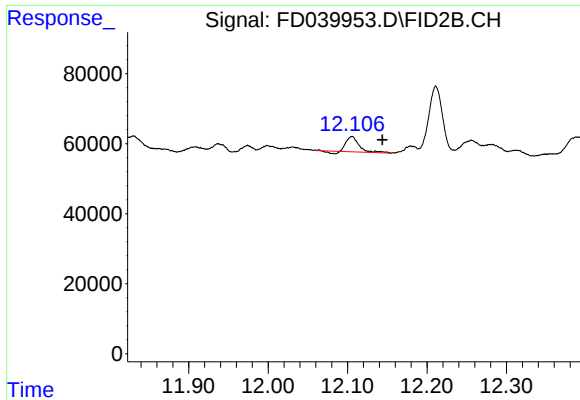
#11 ortho-Terphenyl (SURR)

R.T.: 10.801 min
Delta R.T.: -0.012 min
Response: 253548
Conc: 1.67 ug/ml



#12 Fluoranthene (C21.85)

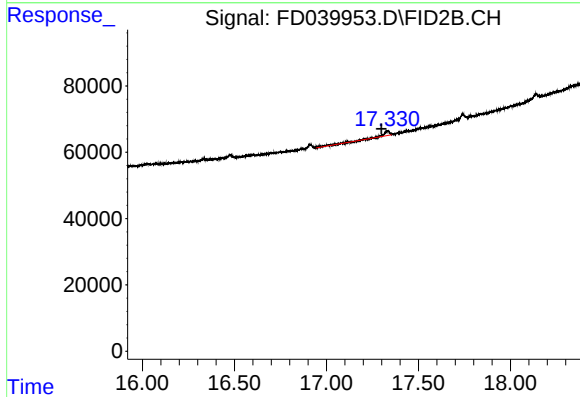
R.T.: 11.810 min
Delta R.T.: -0.038 min
Response: 42052
Conc: 0.27 ug/ml



#13 Pyrene (C20.8)

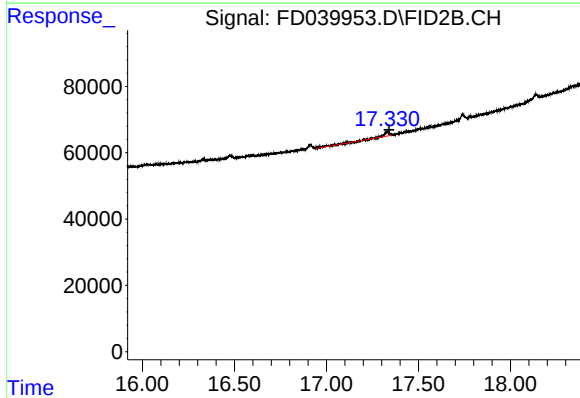
R.T.: 12.106 min
Delta R.T.: -0.038 min
Response: 44802
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.332 min
Delta R.T.: 0.034 min
Response: 28225
Conc: 0.23 ug/ml



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

R.T.: 17.332 min
Delta R.T.: -0.008 min
Response: 28225
Conc: 0.23 ug/ml