

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AR\
 Data File : FD039955.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 13:52
 Operator : AJ\MA
 Sample : M5011-15DL 2X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 00:15:56 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	131126	0.922 ug/ml
Spiked Amount 50.000		Recovery =	1.84%
6) S 2-Fluorobiphenyl (SURR)	7.762	147143	1.498 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	3.00%
11) S ortho-Terphenyl (SURR)	10.831	568184	3.732 ug/ml
Spiked Amount 50.000		Recovery =	7.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.750	63839	0.422 ug/ml
2) T Naphthalene (C11.7)	5.258	530800	3.303 ug/ml
3) T 2-Methylnaphthalene (...)	6.321	166154	1.023 ug/ml
5) T Acenaphthylene (C15.06)	7.595	324025	2.166 ug/ml
7) T Acenaphthene (C15.5)	7.884	576782	3.630 ug/ml
8) T Fluorene (C16.55)	8.639	368206	2.340 ug/ml
9) T Phenanthrene (C19.36)	10.027	267414	1.723 ug/ml
10) T Anthracene (C19.43)	10.097	521123	3.491 ug/ml
12) T Fluoranthene (C21.85)	11.830	213569	1.396 ug/ml
13) T Pyrene (C20.8)	12.104	139199	0.934 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.330	233502	1.906 ug/ml
20) T Dibenz[a,h]anthracene...	17.330	233502	1.904 ug/ml

(f)=RT Delta > 1/2 Window

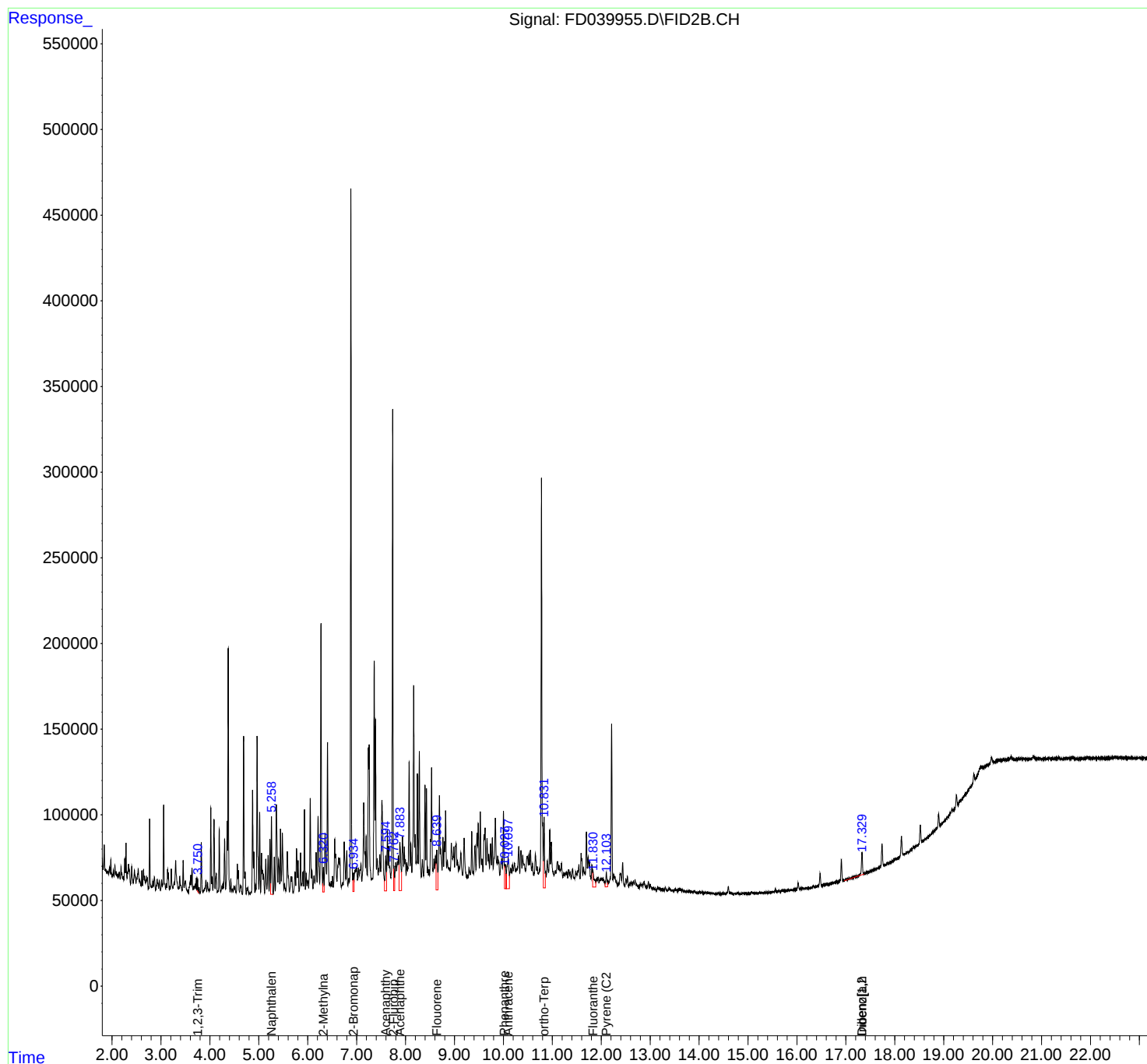
(m)=manual int.

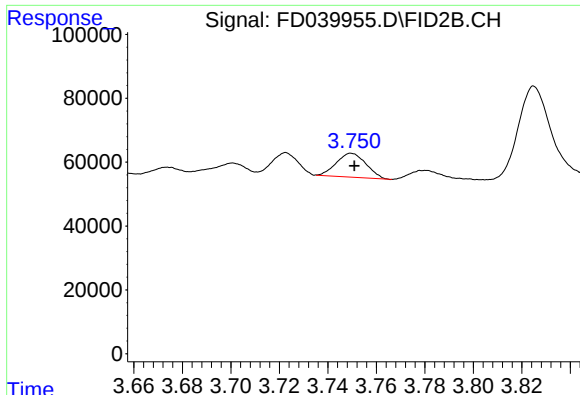
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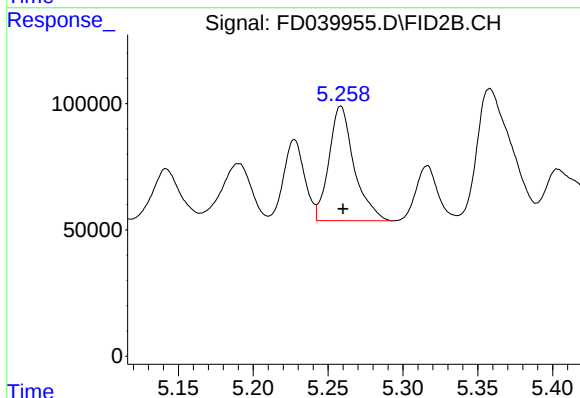




#1 1,2,3-Trimethylbenzene (C10.1)

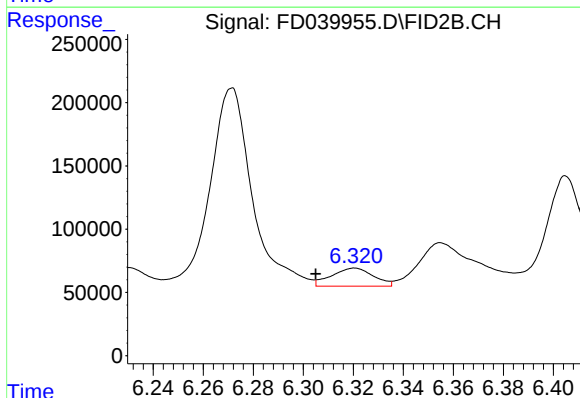
R.T.: 3.750 min
Delta R.T.: -0.001 min
Response: 63839
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



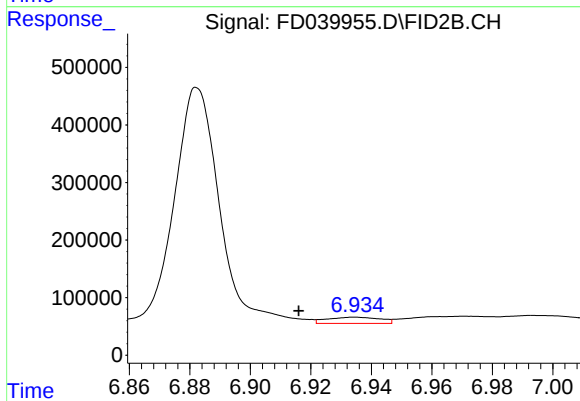
#2 Naphthalene (C11.7)

R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 530800
Conc: 3.30 ug/ml



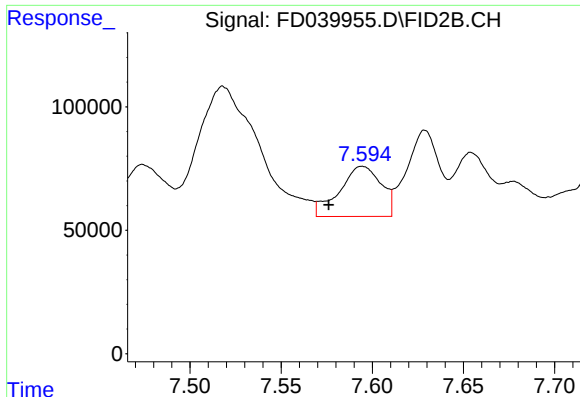
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.321 min
Delta R.T.: 0.016 min
Response: 166154
Conc: 1.02 ug/ml



#4 2-Bromonaphthalene (SURR)

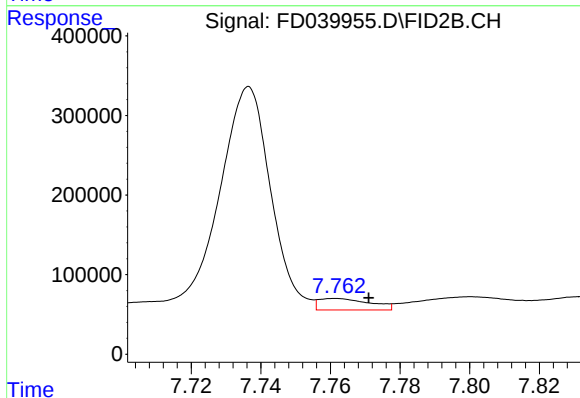
R.T.: 6.935 min
Delta R.T.: 0.019 min
Response: 131126
Conc: 0.92 ug/ml



#5 Acenaphthylene (C15.06)

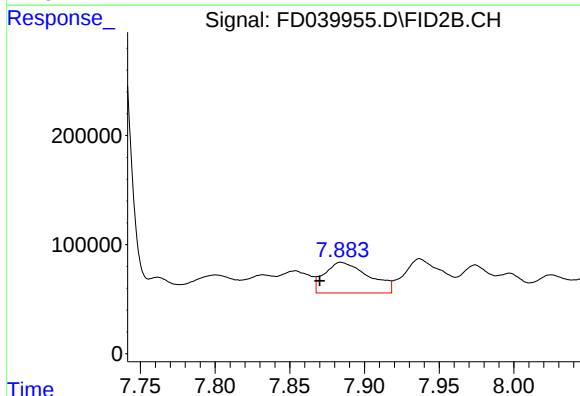
R.T.: 7.595 min
Delta R.T.: 0.019 min
Response: 324025
Conc: 2.17 ug/ml

Instrument :
FID_D
ClientSampleId :



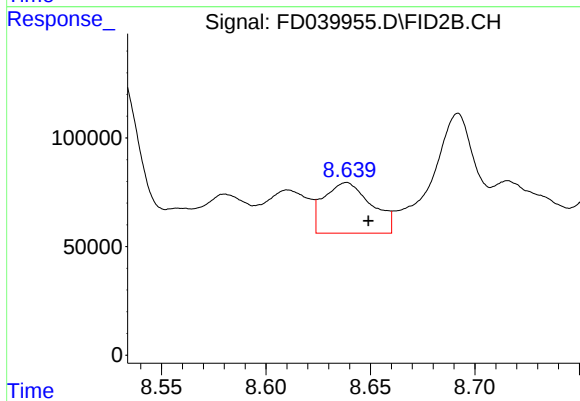
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.762 min
Delta R.T.: -0.009 min
Response: 147143
Conc: 1.50 ug/ml



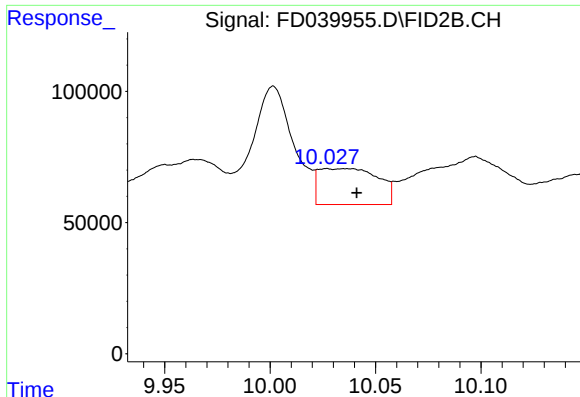
#7 Acenaphthene (C15.5)

R.T.: 7.884 min
Delta R.T.: 0.014 min
Response: 576782
Conc: 3.63 ug/ml



#8 Flouorene (C16.55)

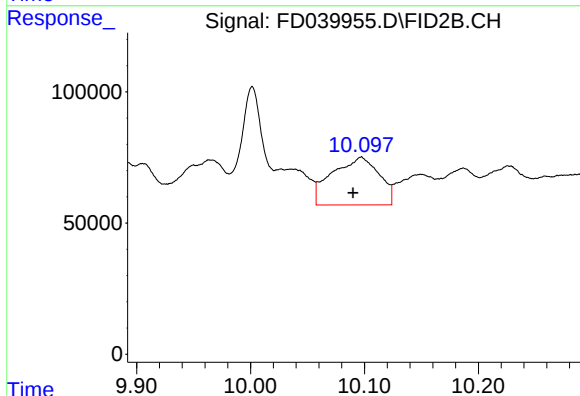
R.T.: 8.639 min
Delta R.T.: -0.010 min
Response: 368206
Conc: 2.34 ug/ml



#9 Phenanthrene (C19.36)

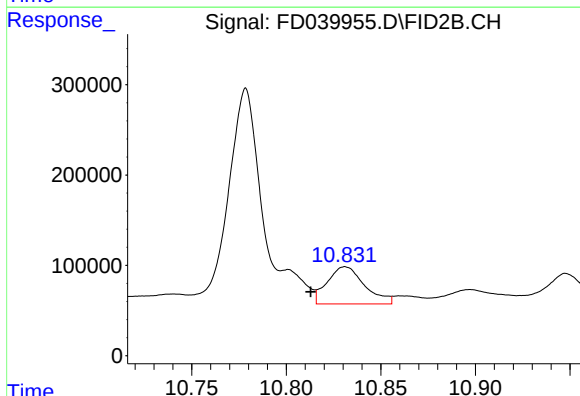
R.T.: 10.027 min
Delta R.T.: -0.014 min
Response: 267414
Conc: 1.72 ug/ml

Instrument :
FID_D
ClientSampleId :



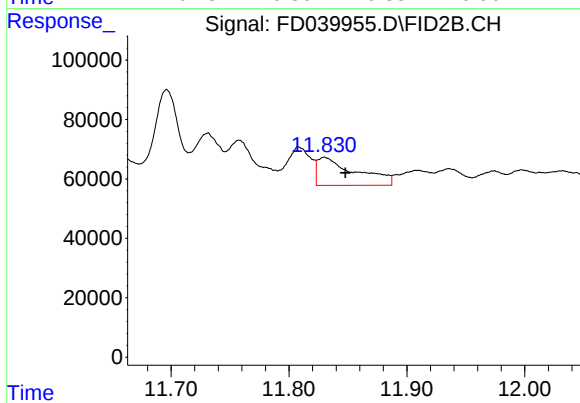
#10 Anthracene (C19.43)

R.T.: 10.097 min
Delta R.T.: 0.007 min
Response: 521123
Conc: 3.49 ug/ml



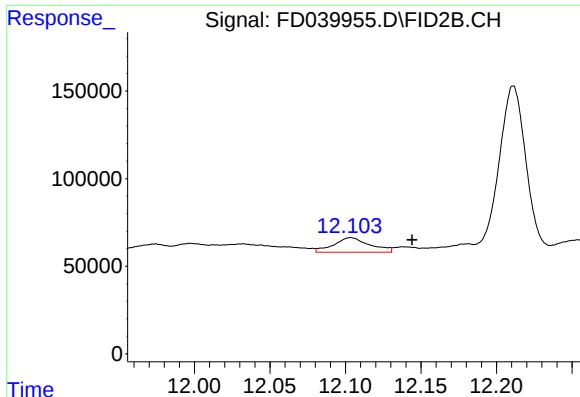
#11 ortho-Terphenyl (SURR)

R.T.: 10.831 min
Delta R.T.: 0.018 min
Response: 568184
Conc: 3.73 ug/ml



#12 Fluoranthene (C21.85)

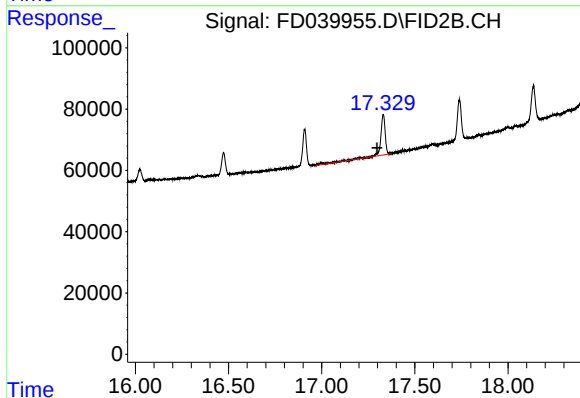
R.T.: 11.830 min
Delta R.T.: -0.018 min
Response: 213569
Conc: 1.40 ug/ml



#13 Pyrene (C20.8)

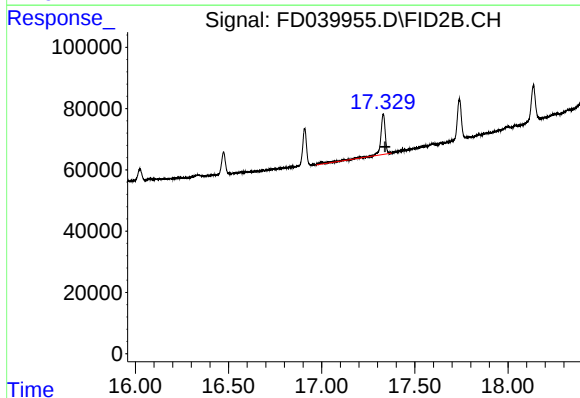
R.T.: 12.104 min
Delta R.T.: -0.040 min
Response: 139199
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.330 min
Delta R.T.: 0.032 min
Response: 233502
Conc: 1.91 ug/ml



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

R.T.: 17.330 min
Delta R.T.: -0.010 min
Response: 233502
Conc: 1.90 ug/ml