

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AR\
 Data File : FD039954.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 13:19
 Operator : AJ\MA
 Sample : M5011-17DL 20X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 00:15:33 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

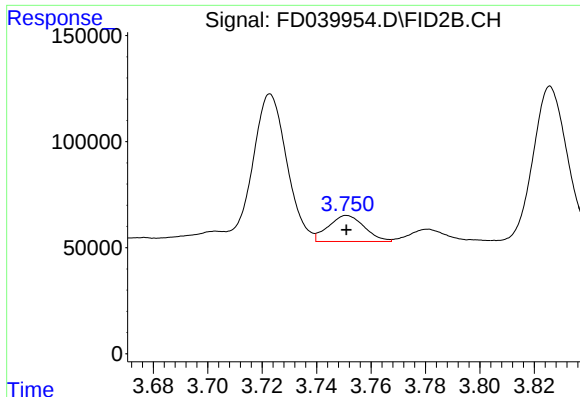
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.882	428234	3.012 ug/ml
Spiked Amount 50.000		Recovery =	6.02%
6) S 2-Fluorobiphenyl (SURR)	7.802	55185	0.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1.12%
11) S ortho-Terphenyl (SURR)	10.801	144356	0.948 ug/ml
Spiked Amount 50.000		Recovery =	1.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.751	113198	0.747 ug/ml
2) T Naphthalene (C11.7)	5.260	542182	3.374 ug/ml
3) T 2-Methylnaphthalene (...)	6.321	104985	0.646 ug/ml
5) T Acenaphthylene (C15.06)	7.595	52170	0.349 ug/ml
7) T Acenaphthene (C15.5)	7.884	152956	0.963 ug/ml
8) T Fluorene (C16.55)	8.638	97620	0.620 ug/ml
9) T Phenanthrene (C19.36)	10.002	180923	1.166 ug/ml
10) T Anthracene (C19.43)	10.097	66953	0.449 ug/ml
12) T Fluoranthene (C21.85)	11.810	23502	0.154 ug/ml
13) T Pyrene (C20.8)	12.211f	99527	0.668 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.334	12489	0.102 ug/ml
20) T Dibenz[a,h]anthracene...	17.334	12489	0.102 ug/ml

(f)=RT Delta > 1/2 Window

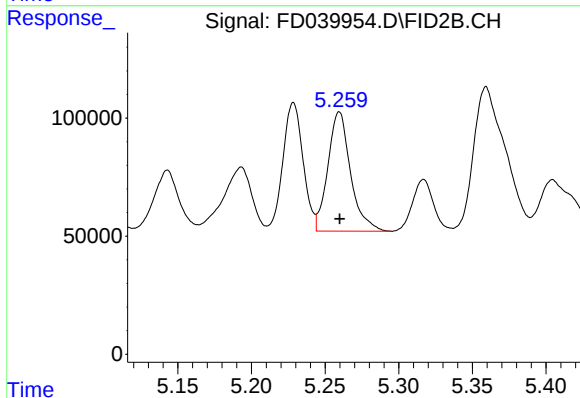
(m)=manual int.



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

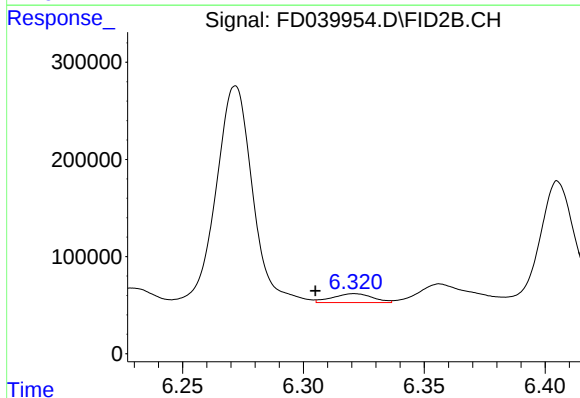
R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 113198
Conc: 0.75 ug/ml

Instrument :
FID_D
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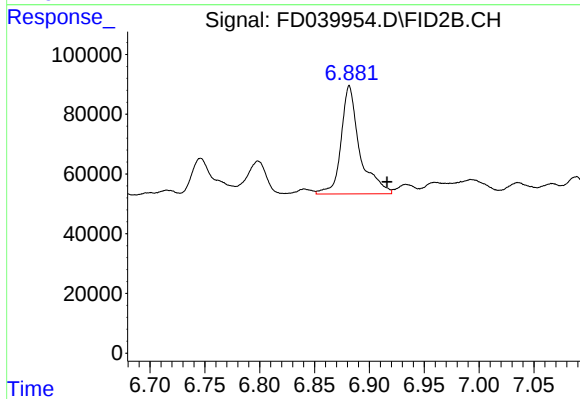
#2 Naphthalene (C11.7)

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 542182
Conc: 3.37 ug/ml



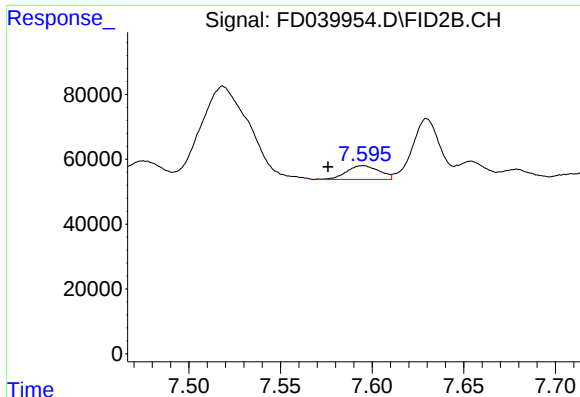
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.321 min
Delta R.T.: 0.016 min
Response: 104985
Conc: 0.65 ug/ml



#4 2-Bromonaphthalene (SURR)

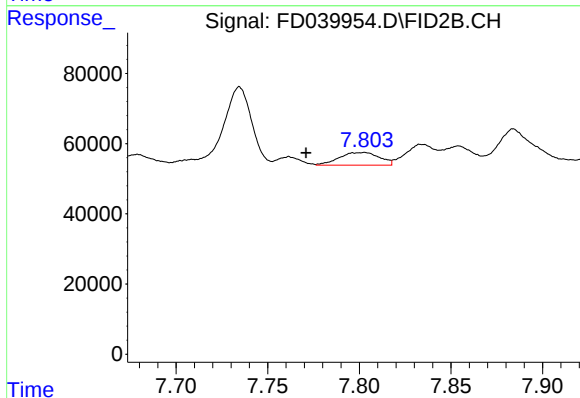
R.T.: 6.882 min
Delta R.T.: -0.034 min
Response: 428234
Conc: 3.01 ug/ml



#5 Acenaphthylene (C15.06)

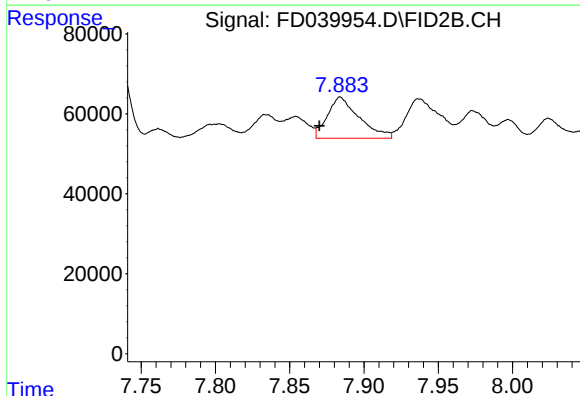
R.T.: 7.595 min
Delta R.T.: 0.019 min
Response: 52170
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



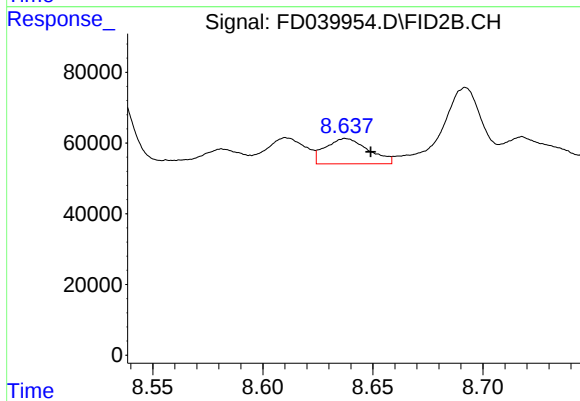
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.802 min
Delta R.T.: 0.031 min
Response: 55185
Conc: 0.56 ug/ml



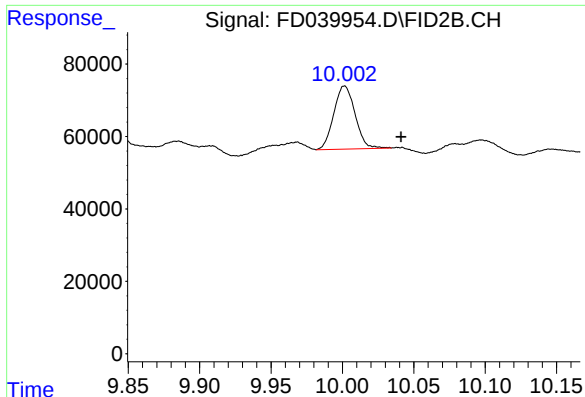
#7 Acenaphthene (C15.5)

R.T.: 7.884 min
Delta R.T.: 0.014 min
Response: 152956
Conc: 0.96 ug/ml



#8 Flouorene (C16.55)

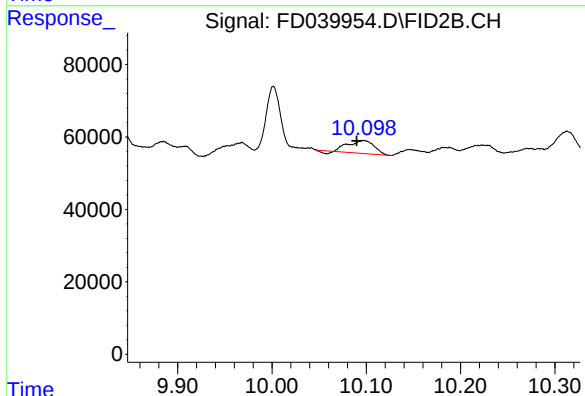
R.T.: 8.638 min
Delta R.T.: -0.011 min
Response: 97620
Conc: 0.62 ug/ml



#9 Phenanthrene (C19.36)

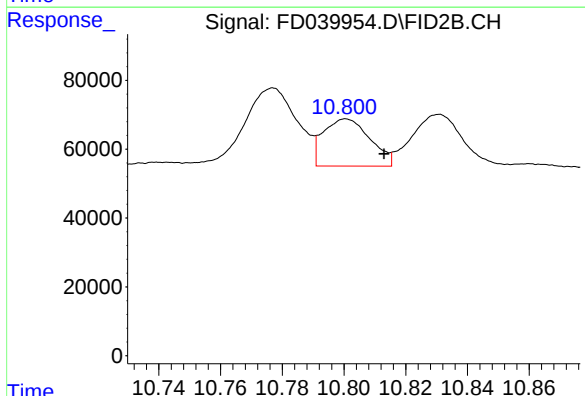
R.T.: 10.002 min
Delta R.T.: -0.039 min
Response: 180923
Conc: 1.17 ug/ml

Instrument :
FID_D
ClientSampleId :



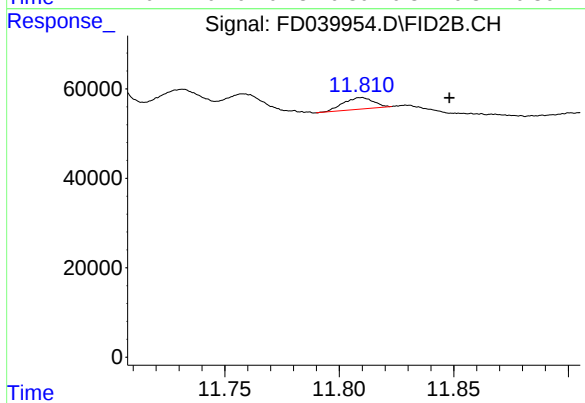
#10 Anthracene (C19.43)

R.T.: 10.097 min
Delta R.T.: 0.007 min
Response: 66953
Conc: 0.45 ug/ml



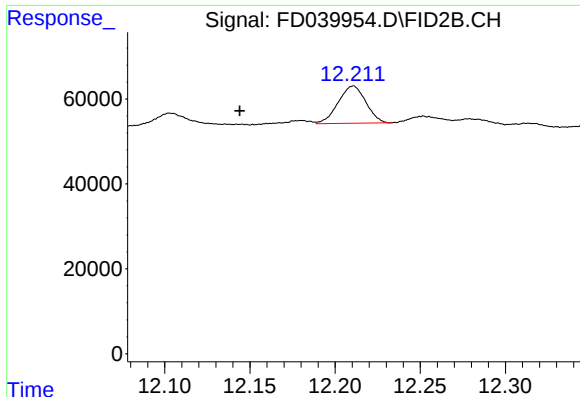
#11 ortho-Terphenyl (SURR)

R.T.: 10.801 min
Delta R.T.: -0.012 min
Response: 144356
Conc: 0.95 ug/ml



#12 Fluoranthene (C21.85)

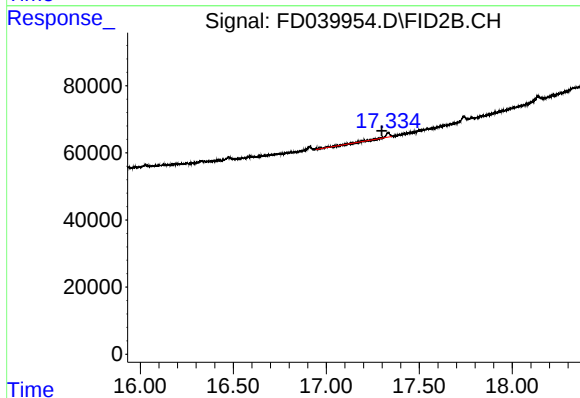
R.T.: 11.810 min
Delta R.T.: -0.038 min
Response: 23502
Conc: 0.15 ug/ml



#13 Pyrene (C20.8)

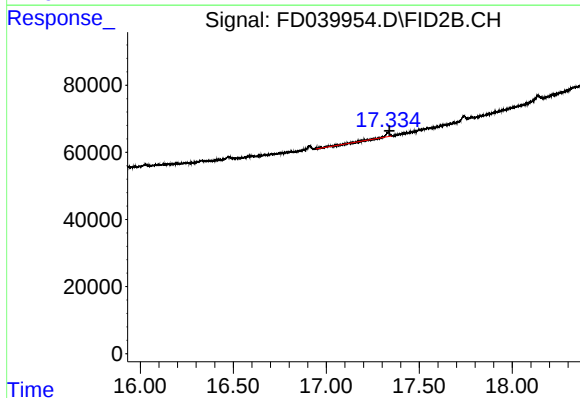
R.T.: 12.211 min
Delta R.T.: 0.067 min
Response: 99527
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.334 min
Delta R.T.: 0.036 min
Response: 12489
Conc: 0.10 ug/ml



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

R.T.: 17.334 min
Delta R.T.: -0.006 min
Response: 12489
Conc: 0.10 ug/ml