

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039903.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 6:08
 Operator : AJ\MA
 Sample : M5011-17
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 10:30:48 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...	6.930	3592762	25.270 ug/ml
Spiked Amount 50.000		Recovery =	50.54%
6) S 2-Fluorobiphenyl (SURR)	7.789	7121228	72.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	144.97%#
11) S ortho-Terphenyl (SURR)	10.855	4388358	28.827 ug/ml
Spiked Amount 50.000		Recovery =	57.65%
Target Compounds			
2) T Naphthalene (C11.7)	5.306	12416817	77.260 ug/ml
3) T 2-Methylnaphthalene (...)	6.344	55694045	342.769 ug/ml
5) T Acenaphthylene (C15.06)	7.617	117570	0.786 ug/ml
7) T Acenaphthene (C15.5)	7.896	1536901	9.673 ug/ml
8) T Flouorene (C16.55)	8.688	2528305	16.069 ug/ml
9) T Phenanthrene (C19.36)	10.083	1413429	9.109 ug/ml
10) T Anthracene (C19.43)	10.137	4549784	30.482 ug/ml
12) T Fluoranthene (C21.85)	11.882	1570700	10.269 ug/ml
13) T Pyrene (C20.8)	12.191	571671	3.835 ug/ml
14) T Benzo[a]anthracene (C...	14.055	91170	0.676 ug/ml
15) T Chrysene (C27.41)	14.055	91170	0.648 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.307	58714	0.479 ug/ml
20) T Dibenz[a,h]anthracene...	17.370	63243	0.516 ug/ml

(f)=RT Delta > 1/2 Window

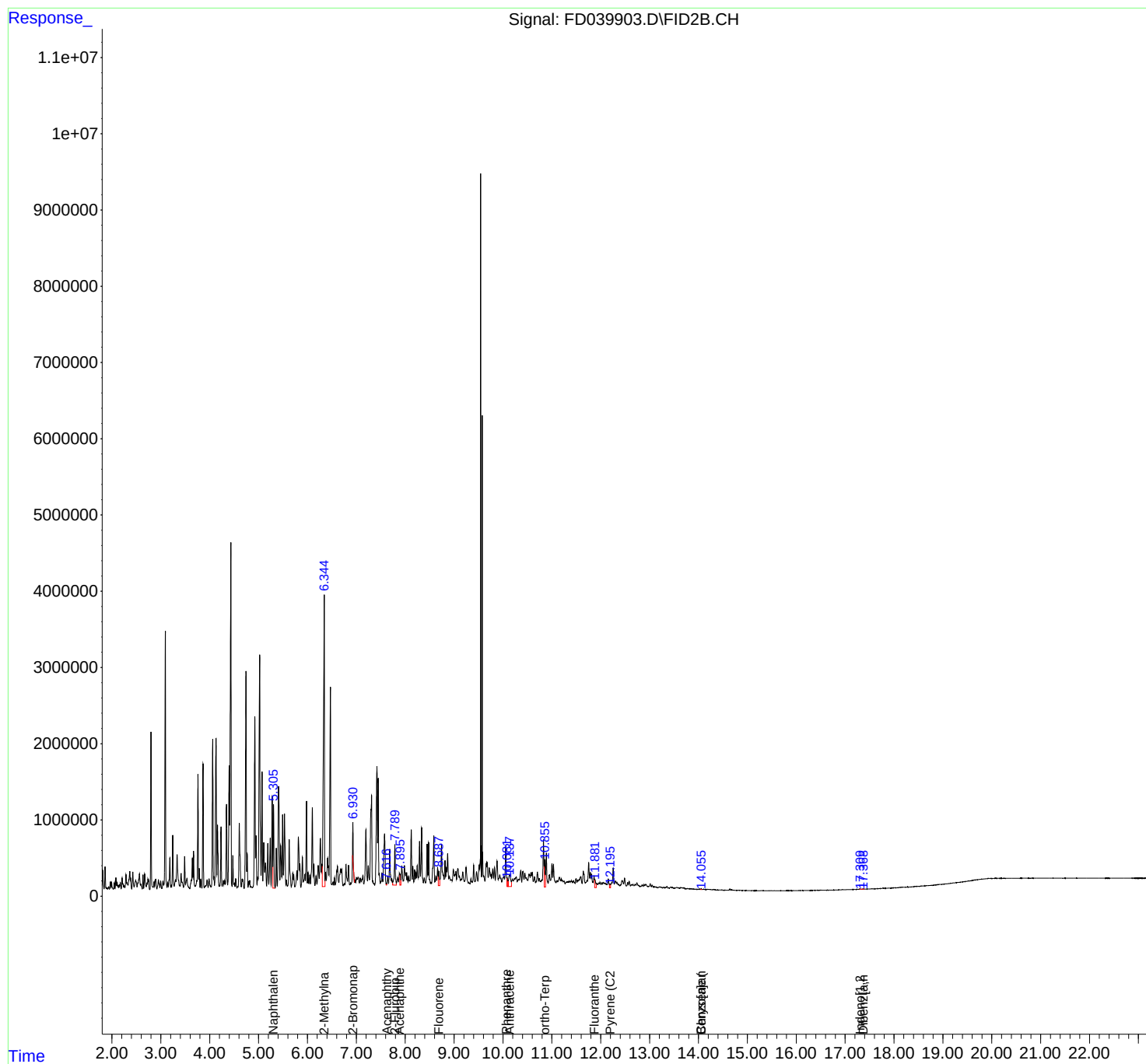
(m)=manual int.

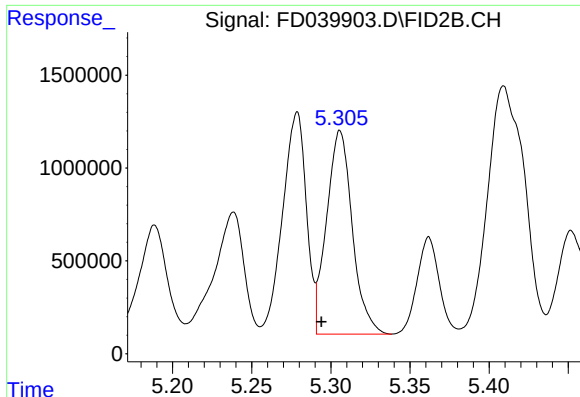
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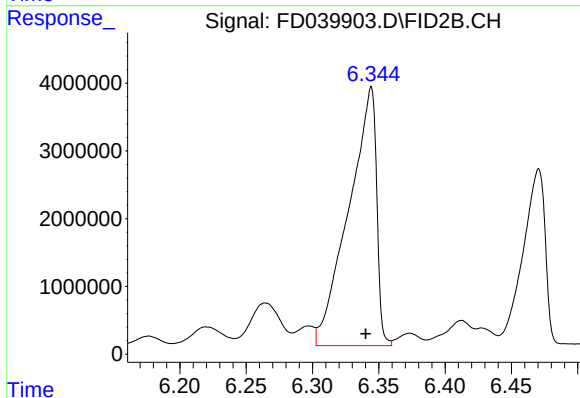




#2 Naphthalene (C11.7)

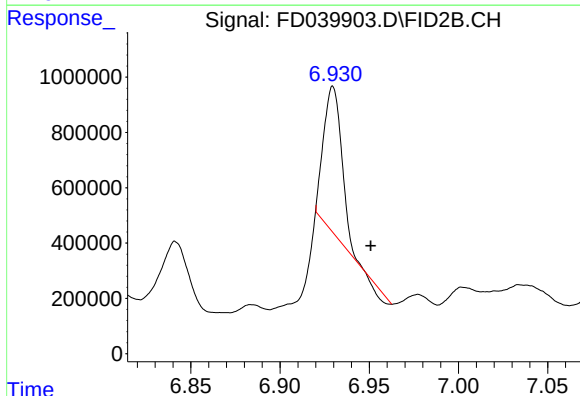
R.T.: 5.306 min
Delta R.T.: 0.012 min
Response: 12416817
Conc: 77.26 ug/ml

Instrument :
FID_D
ClientSampleId :



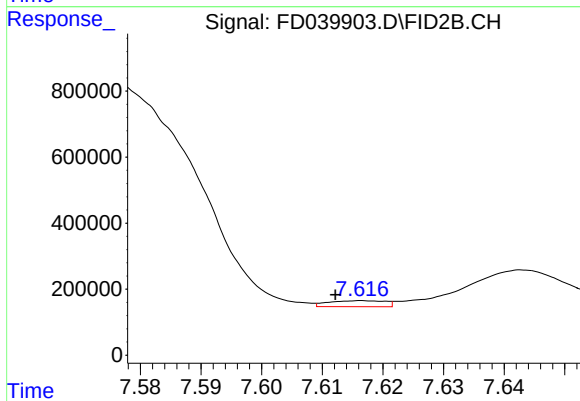
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.344 min
Delta R.T.: 0.004 min
Response: 55694045
Conc: 342.77 ug/ml



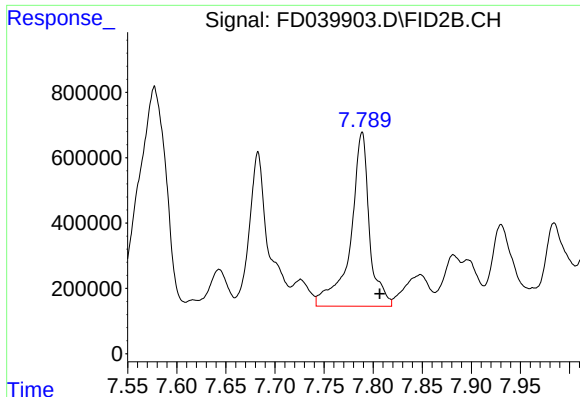
#4 2-Bromonaphthalene (SURR)

R.T.: 6.930 min
Delta R.T.: -0.021 min
Response: 3592762
Conc: 25.27 ug/ml



#5 Acenaphthylene (C15.06)

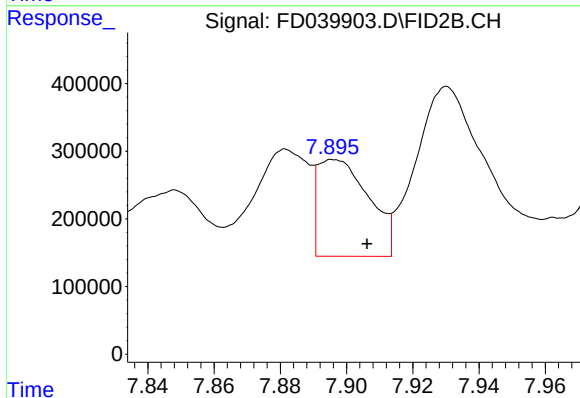
R.T.: 7.617 min
Delta R.T.: 0.005 min
Response: 117570
Conc: 0.79 ug/ml



#6 2-Fluorobiphenyl (SURR)

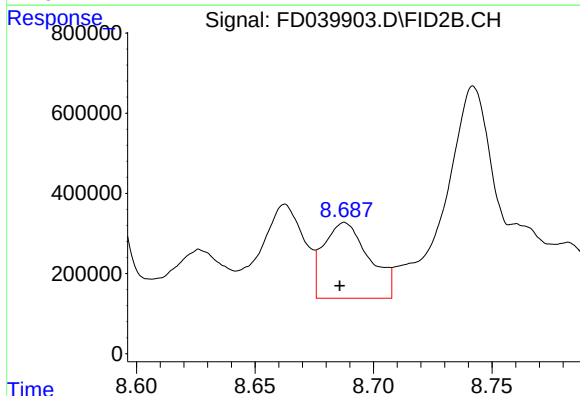
R.T.: 7.789 min
Delta R.T.: -0.018 min
Response: 7121228
Conc: 72.48 ug/ml

Instrument :
FID_D
ClientSampleId :



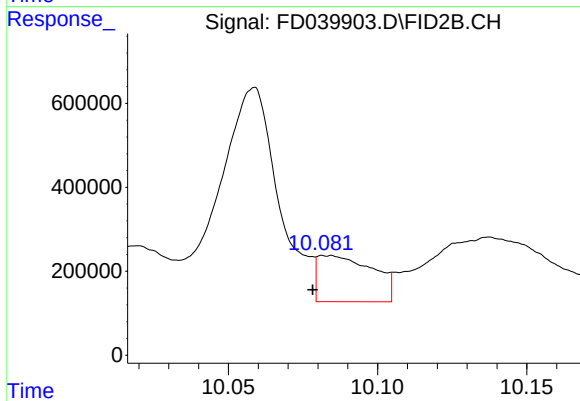
#7 Acenaphthene (C15.5)

R.T.: 7.896 min
Delta R.T.: -0.010 min
Response: 1536901
Conc: 9.67 ug/ml



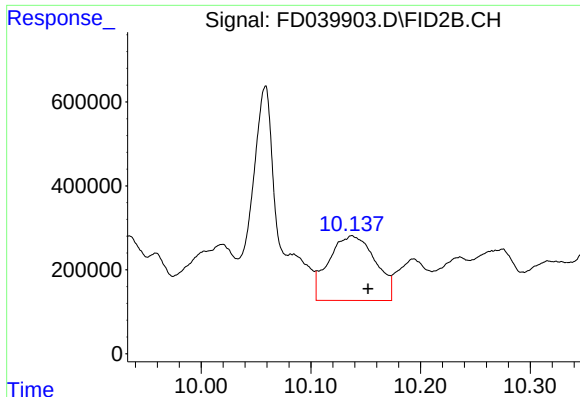
#8 Flouorene (C16.55)

R.T.: 8.688 min
Delta R.T.: 0.002 min
Response: 2528305
Conc: 16.07 ug/ml



#9 Phenanthrene (C19.36)

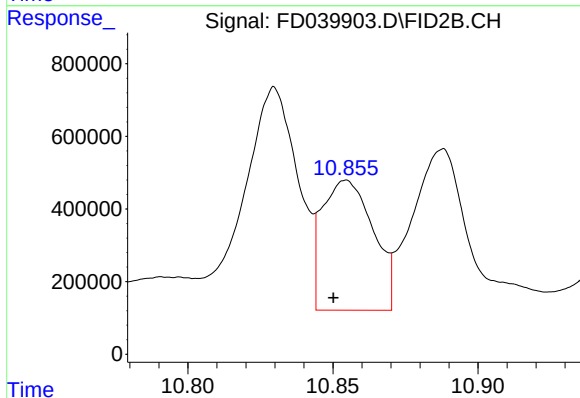
R.T.: 10.083 min
Delta R.T.: 0.005 min
Response: 1413429
Conc: 9.11 ug/ml



#10 Anthracene (C19.43)

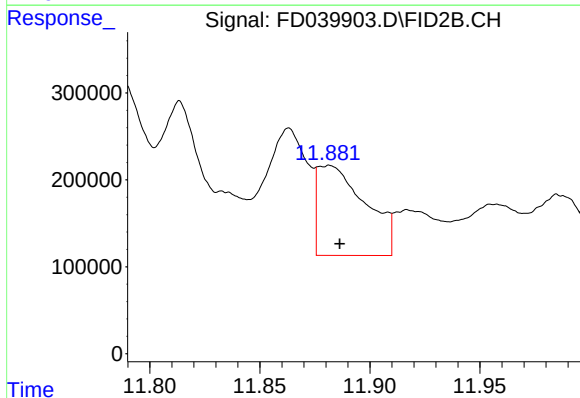
R.T.: 10.137 min
Delta R.T.: -0.015 min
Response: 4549784
Conc: 30.48 ug/ml

Instrument :
FID_D
ClientSampleId :



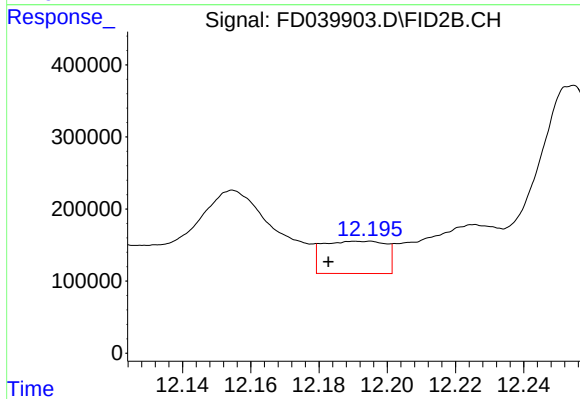
#11 ortho-Terphenyl (SURR)

R.T.: 10.855 min
Delta R.T.: 0.004 min
Response: 4388358
Conc: 28.83 ug/ml



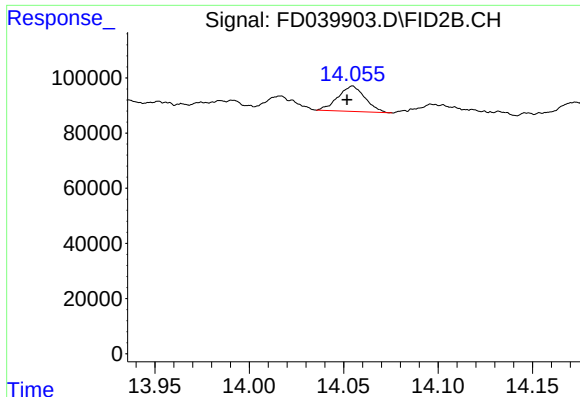
#12 Fluoranthene (C21.85)

R.T.: 11.882 min
Delta R.T.: -0.005 min
Response: 1570700
Conc: 10.27 ug/ml



#13 Pyrene (C20.8)

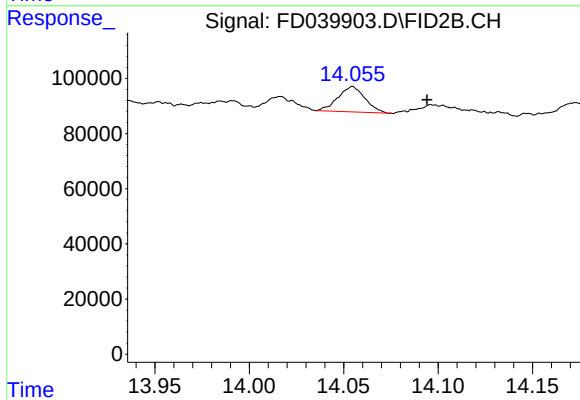
R.T.: 12.191 min
Delta R.T.: 0.008 min
Response: 571671
Conc: 3.84 ug/ml



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

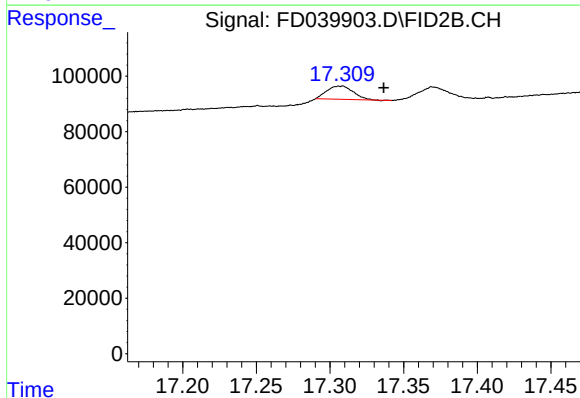
R.T.: 14.055 min
Delta R.T.: 0.003 min
Response: 91170
Conc: 0.68 ug/ml

Instrument :
FID_D
ClientSampleId :



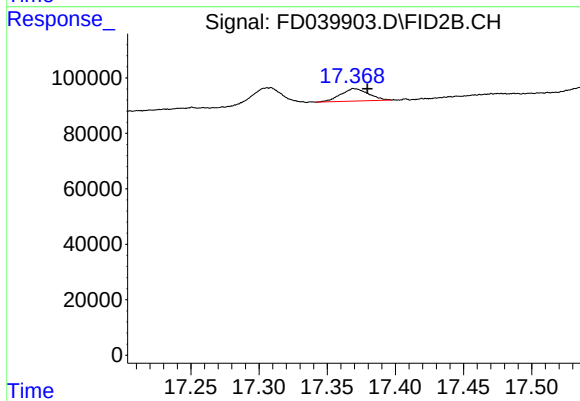
#15 Chrysene (C27.41)

R.T.: 14.055 min
Delta R.T.: -0.040 min
Response: 91170
Conc: 0.65 ug/ml



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

R.T.: 17.307 min
Delta R.T.: -0.029 min
Response: 58714
Conc: 0.48 ug/ml



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

R.T.: 17.370 min
Delta R.T.: -0.010 min
Response: 63243
Conc: 0.52 ug/ml