

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110719AR\
 Data File : FD031364.D
 Signal(s) : FID2B.CH
 Acq On : 07 Nov 2019 10:51
 Operator : DD\AJ
 Sample : K5609-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PT-NJEPH-SOIL

Integration File: autoint1.e
 Quant Time: Nov 07 11:29:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.635	6330748	53.183 ug/ml
Spiked Amount 50.000		Recovery =	106.37%
6) S 2-Fluorobiphenyl (SURR)	8.494	2879130	34.944 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.89%
11) S ortho-Terphenyl (SURR)	11.538	6616039	51.701 ug/ml
Spiked Amount 50.000		Recovery =	103.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.431	342161	2.851 ug/ml
2) T Naphthalene (C11.7)	5.971	218393	1.696 ug/ml
3) T 2-Methylnaphthalene (...)	7.028	1207742	9.404 ug/ml
5) T Acenaphthylene (C15.06)	8.294	810814	6.441 ug/ml
7) T Acenaphthene (C15.5)	8.634	1067254	8.151 ug/ml
8) T Flouorene (C16.55)	9.383	692318	5.295 ug/ml
9) T Phenanthrene (C19.36)	10.800	313695	2.381 ug/ml
10) T Anthracene (C19.43)	10.844	482971	3.746 ug/ml
13) T Pyrene (C20.8)	12.867	101563	0.771 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	206120	1.695 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	206120	1.665 ug/ml

(f)=RT Delta > 1/2 Window

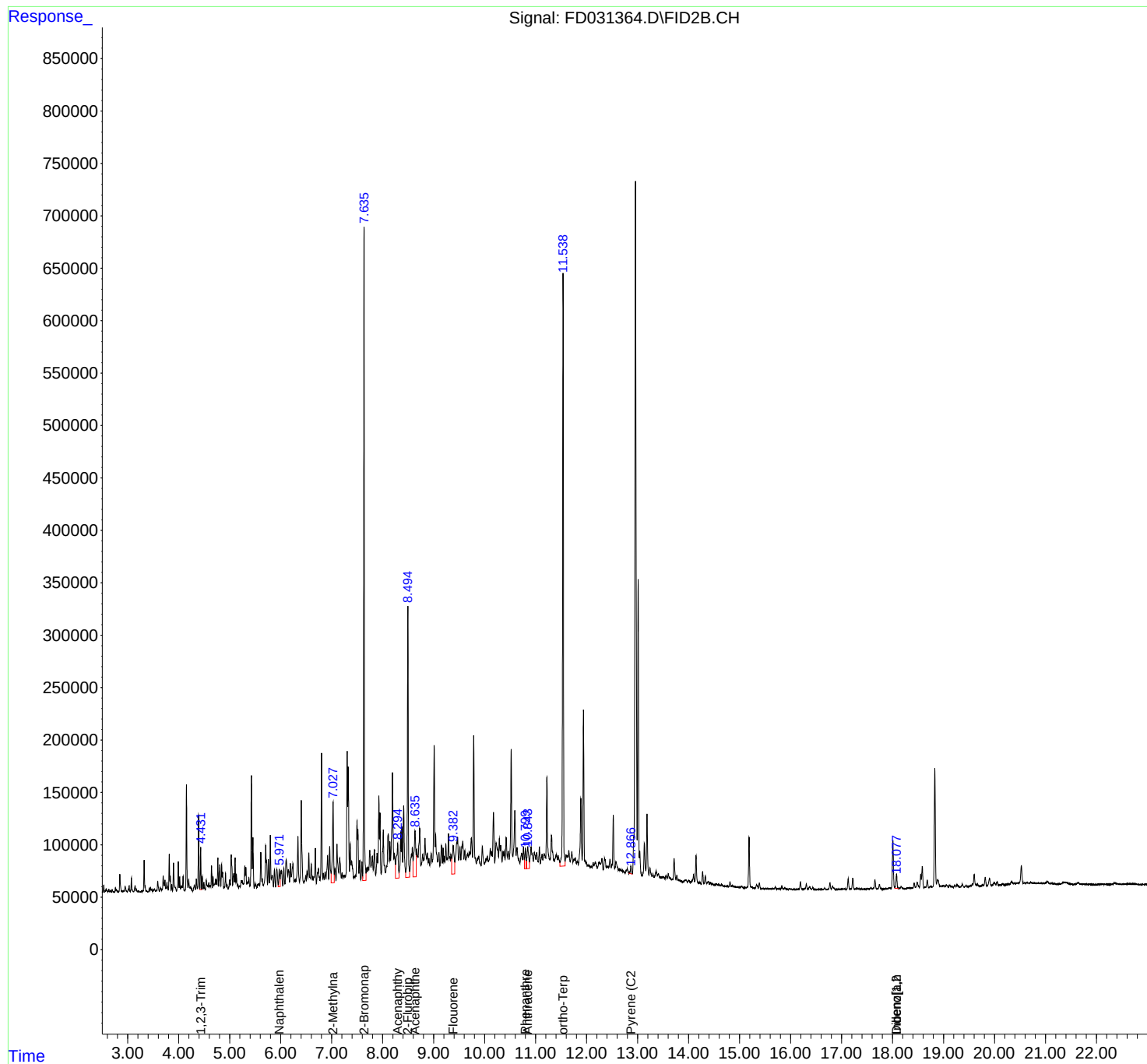
(m)=manual int.

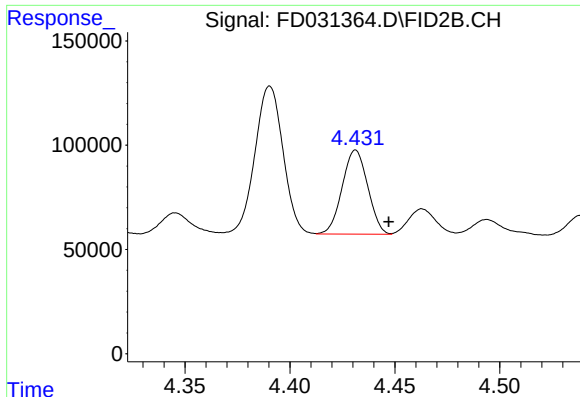
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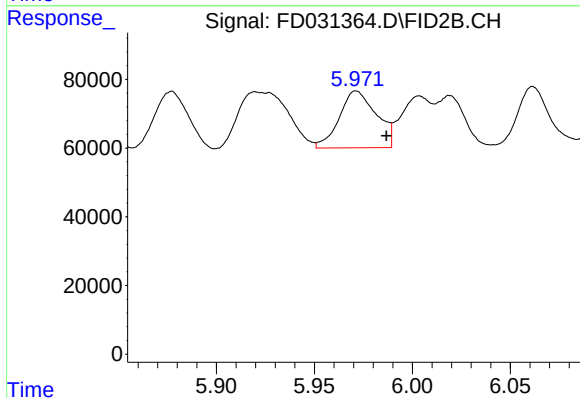




#1 1,2,3-Trimethylbenzene (C10.1)

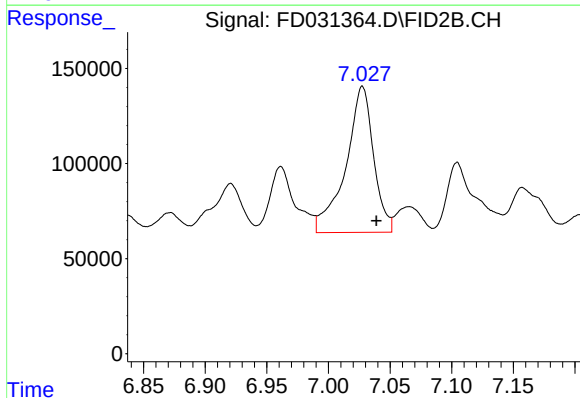
R.T.: 4.431 min
Delta R.T.: -0.016 min
Response: 342161
Conc: 2.85 ug/ml

Instrument :
FID_D
ClientSampleId :
PT-NJEPH-SOIL



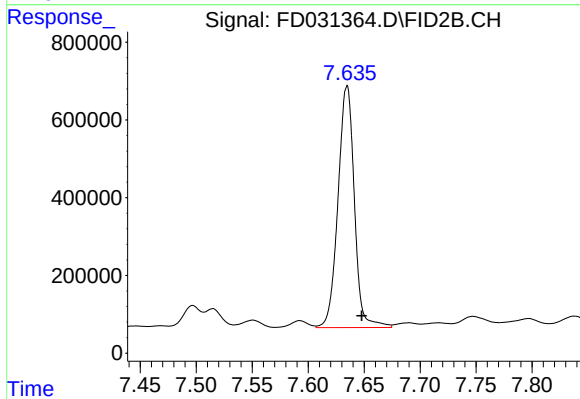
#2 Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.015 min
Response: 218393
Conc: 1.70 ug/ml



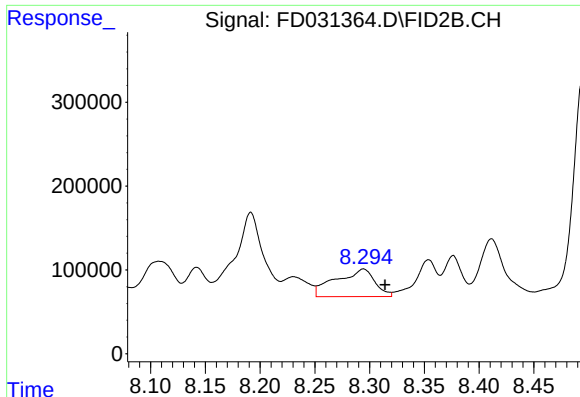
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.028 min
Delta R.T.: -0.011 min
Response: 1207742
Conc: 9.40 ug/ml



#4 2-Bromonaphthalene (SURR)

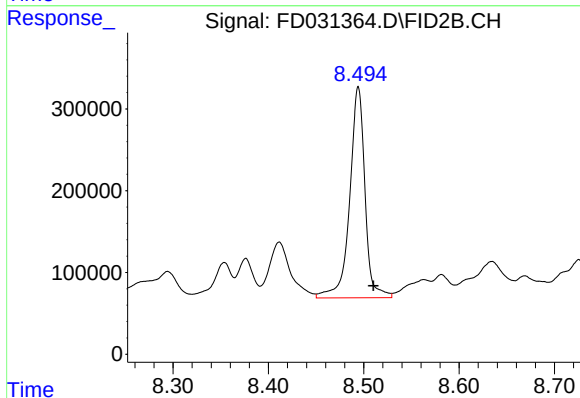
R.T.: 7.635 min
Delta R.T.: -0.013 min
Response: 6330748
Conc: 53.18 ug/ml



#5 Acenaphthylene (C15.06)

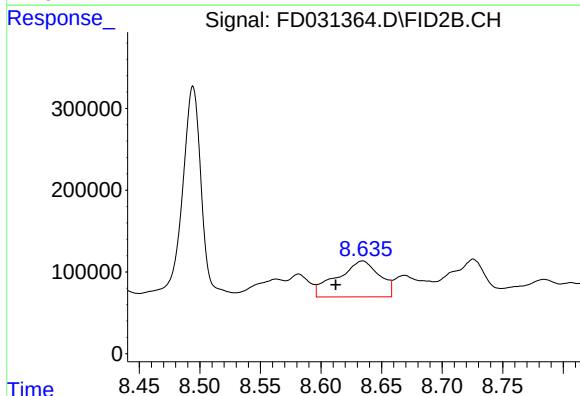
R.T.: 8.294 min
Delta R.T.: -0.020 min
Response: 810814
Conc: 6.44 ug/ml

Instrument :
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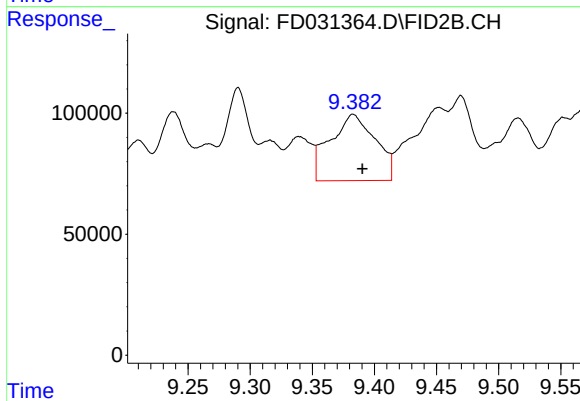
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.016 min
Response: 2879130
Conc: 34.94 ug/ml



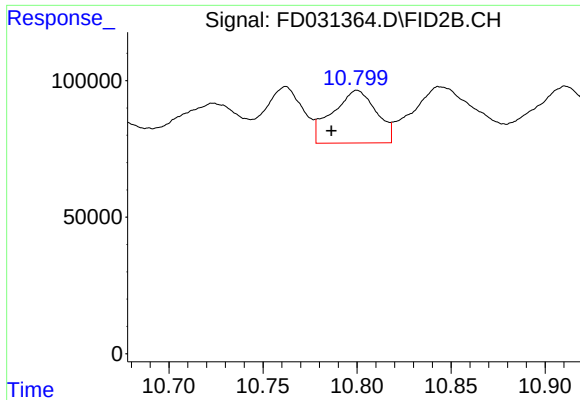
#7 Acenaphthene (C15.5)

R.T.: 8.634 min
Delta R.T.: 0.022 min
Response: 1067254
Conc: 8.15 ug/ml



#8 Flouorene (C16.55)

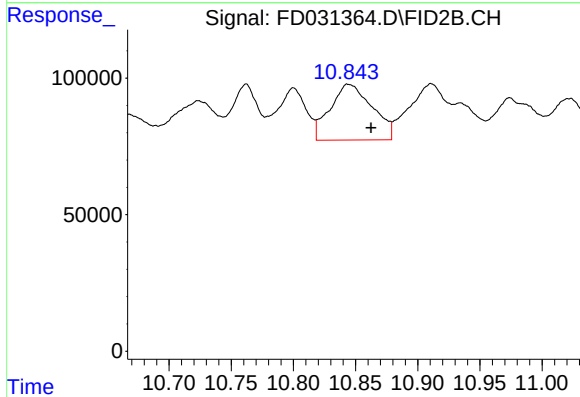
R.T.: 9.383 min
Delta R.T.: -0.007 min
Response: 692318
Conc: 5.30 ug/ml



#9 Phenanthrene (C19.36)

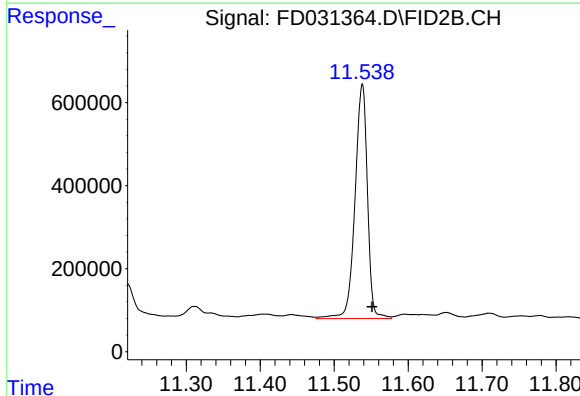
R.T.: 10.800 min
Delta R.T.: 0.014 min
Response: 313695
Conc: 2.38 ug/ml

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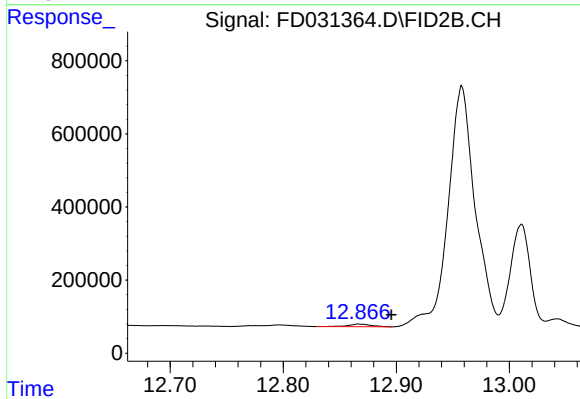
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: -0.018 min
Response: 482971
Conc: 3.75 ug/ml



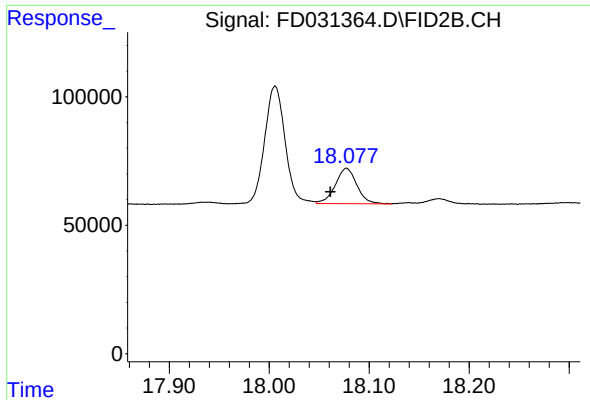
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.013 min
Response: 6616039
Conc: 51.70 ug/ml



#13 Pyrene (C20.8)

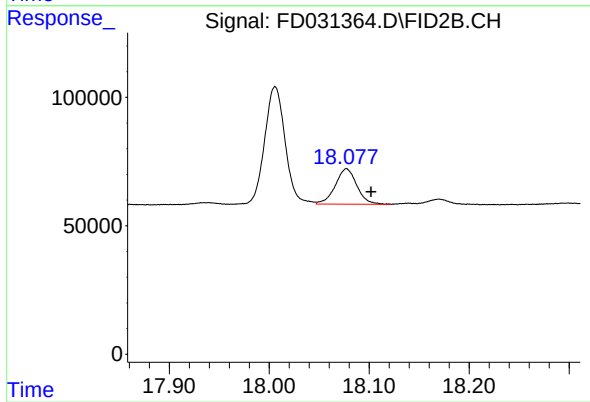
R.T.: 12.867 min
Delta R.T.: -0.029 min
Response: 101563
Conc: 0.77 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.016 min
Response: 206120
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :
PT-NJEPH-SOIL



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

R.T.: 18.077 min
Delta R.T.: -0.025 min
Response: 206120
Conc: 1.66 ug/ml