

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031385.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 13:52
 Operator : DD\AJ
 Sample : K5609-16DL 2X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PT-NJEPH-SOILDL

Integration File: autoint1.e
 Quant Time: Nov 08 16:59:06 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...	7.637	2995996	25.169 ug/ml
Spiked Amount 50.000		Recovery =	50.34%
6) S 2-Fluorobiphenyl (SURR)	8.496	1257830	15.266 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	30.53%
11) S ortho-Terphenyl (SURR)	11.540	3003631	23.472 ug/ml
Spiked Amount 50.000		Recovery =	46.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	159275	1.327 ug/ml
2) T Naphthalene (C11.7)	5.977	107130	0.832 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	575113	4.478 ug/ml
5) T Acenaphthylene (C15.06)	8.298	307286	2.441 ug/ml
7) T Acenaphthene (C15.5)	8.638	404592	3.090 ug/ml
8) T Fluorene (C16.55)	9.456f	128094	0.980 ug/ml
9) T Phenanthrene (C19.36)	10.766	98783	0.750 ug/ml
13) T Pyrene (C20.8)	12.926	135235	1.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.080	154055	1.267 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	154055	1.244 ug/ml

(f)=RT Delta > 1/2 Window

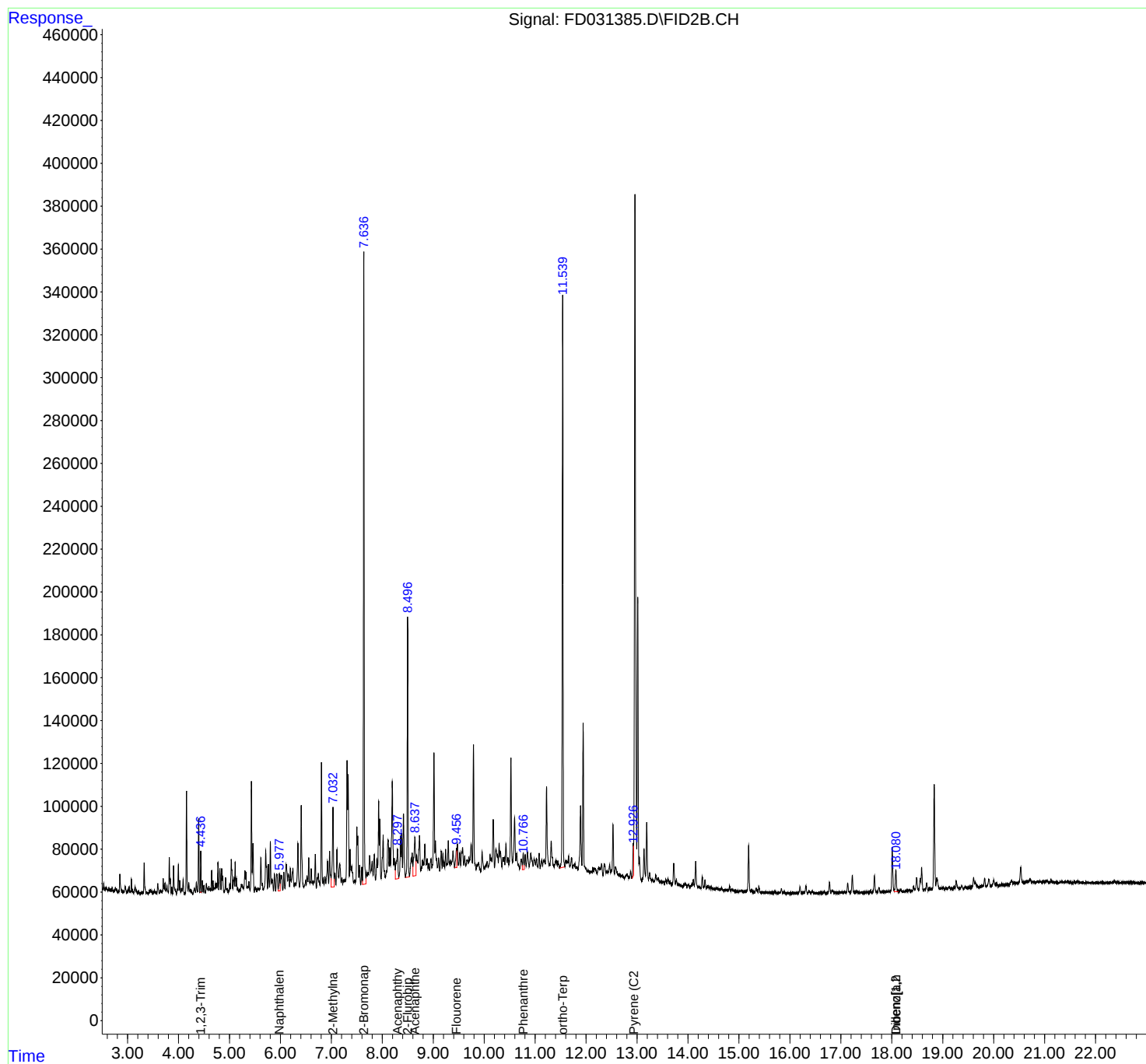
(m)=manual int.

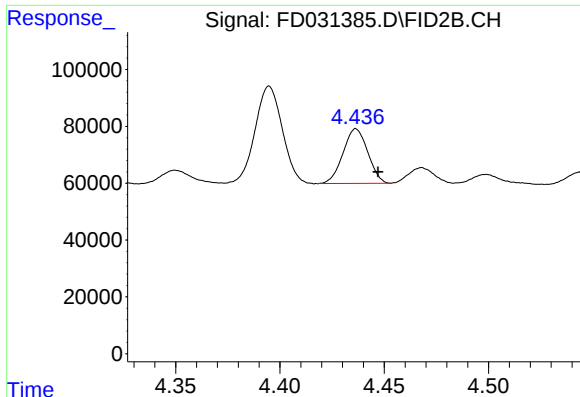
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

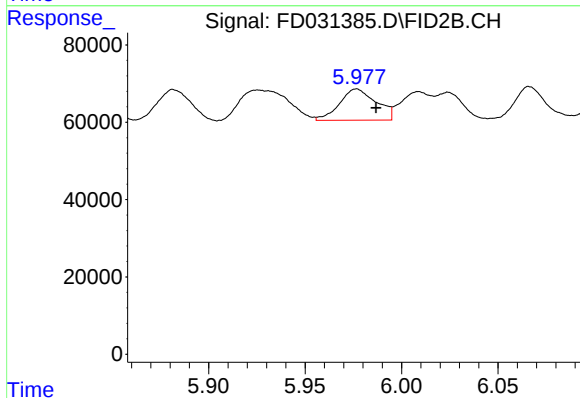




#1 1,2,3-Trimethylbenzene (C10.1)

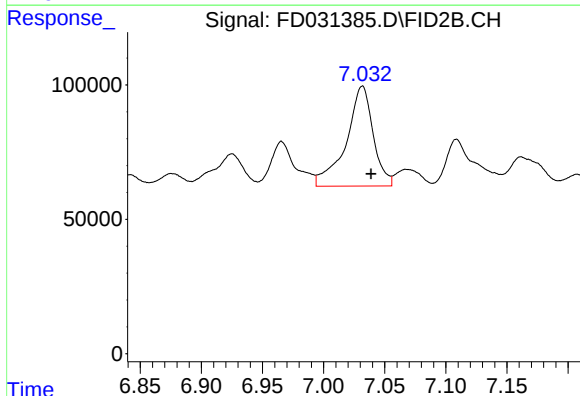
R.T.: 4.437 min
Delta R.T.: -0.010 min
Response: 159275
Conc: 1.33 ug/ml

Instrument :
FID_D
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PT-NJEPH-SOILD



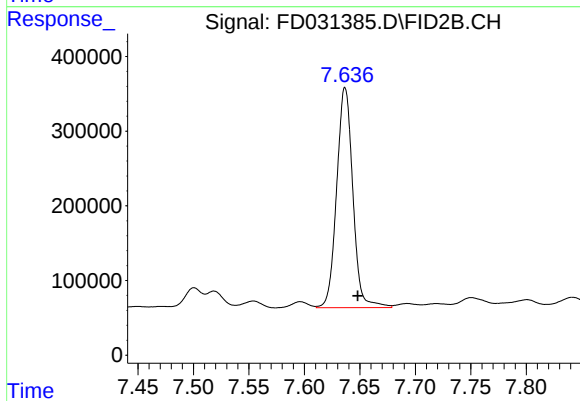
#2 Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.010 min
Response: 107130
Conc: 0.83 ug/ml



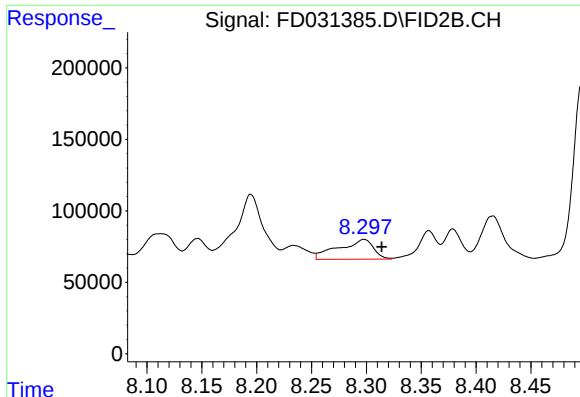
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: -0.007 min
Response: 575113
Conc: 4.48 ug/ml



#4 2-Bromonaphthalene (SURR)

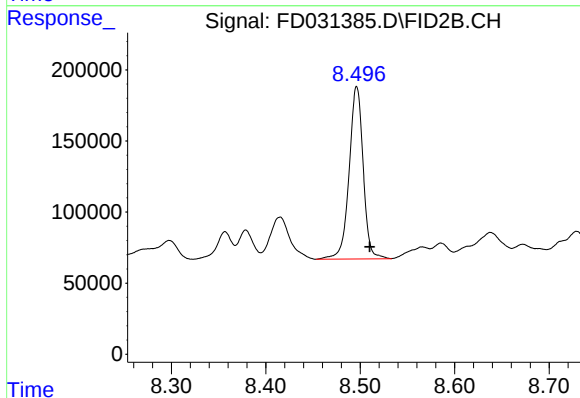
R.T.: 7.637 min
Delta R.T.: -0.011 min
Response: 2995996
Conc: 25.17 ug/ml



#5 Acenaphthylene (C15.06)

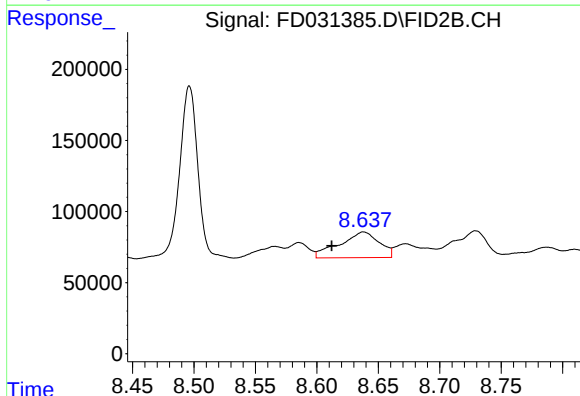
R.T.: 8.298 min
Delta R.T.: -0.016 min
Response: 307286
Conc: 2.44 ug/ml

Instrument :
FID_D
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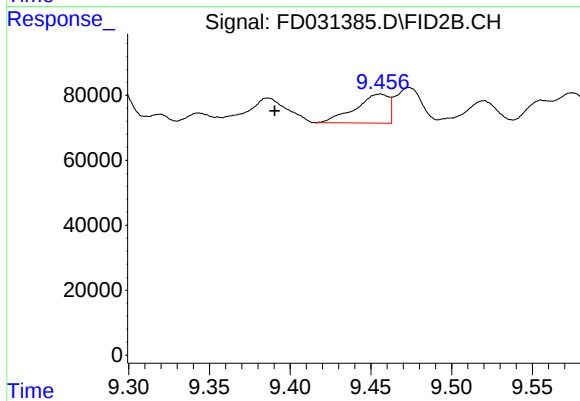
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: -0.014 min
Response: 1257830
Conc: 15.27 ug/ml



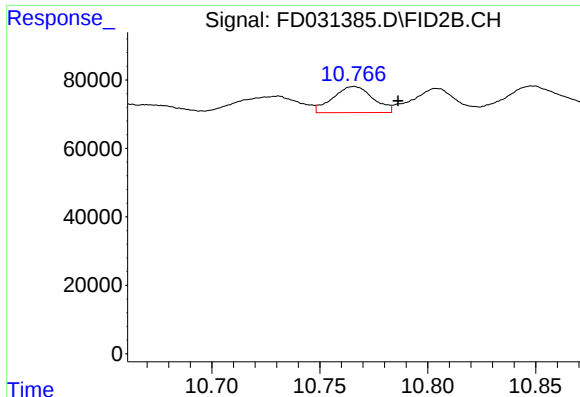
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: 0.026 min
Response: 404592
Conc: 3.09 ug/ml



#8 Flouorene (C16.55)

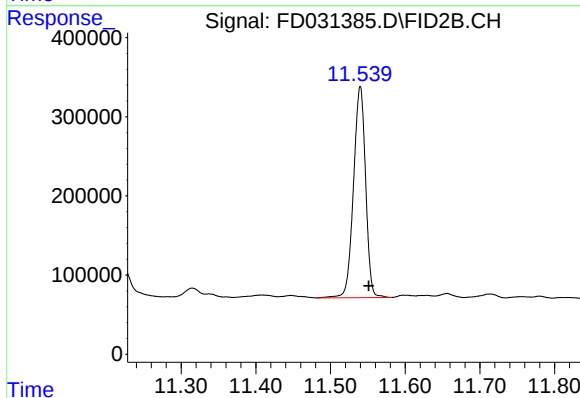
R.T.: 9.456 min
Delta R.T.: 0.065 min
Response: 128094
Conc: 0.98 ug/ml



#9 Phenanthrene (C19.36)

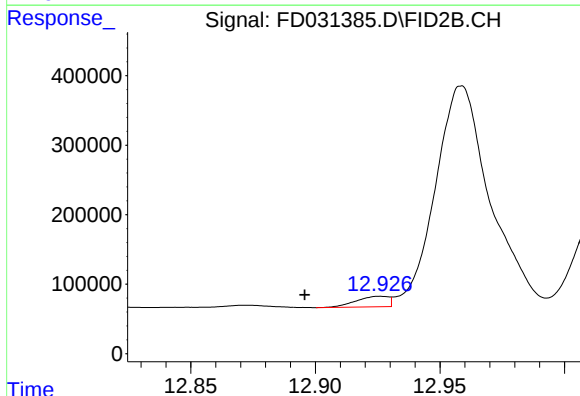
R.T.: 10.766 min
Delta R.T.: -0.020 min
Response: 98783
Conc: 0.75 ug/ml

Instrument :
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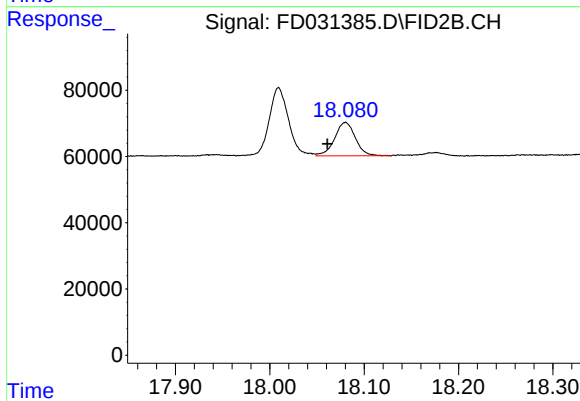
#11 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.011 min
Response: 3003631
Conc: 23.47 ug/ml



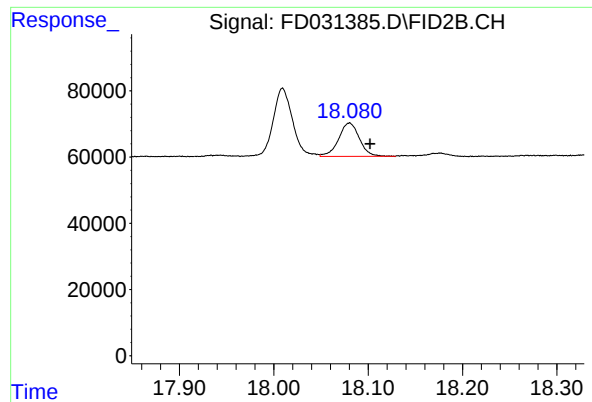
#13 Pyrene (C20.8)

R.T.: 12.926 min
Delta R.T.: 0.030 min
Response: 135235
Conc: 1.03 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.019 min
Response: 154055
Conc: 1.27 ug/ml



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

R.T.: 18.080 min
Delta R.T.: -0.022 min
Response: 154055
Conc: 1.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PT-NJEPH-SOILD