

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030815.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2019 17:11
 Operator : DD\AJ
 Sample : K5020-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 RT-3860

Integration File: autoint1.e
 Quant Time: Sep 27 03:19:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.576	4753049	27.913 ug/ml
Spiked Amount 50.000		Recovery =	55.83%
6) S 2-Fluorobiphenyl (SURR)	8.437	2932352	25.425 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.85%
11) S ortho-Terphenyl (SURR)	11.468	4634271	24.817 ug/ml
Spiked Amount 50.000		Recovery =	49.63%
Target Compounds			
9) T Phenanthrene (C19.36)	10.708	154377	0.821 ug/ml
12) T Fluoranthene (C21.85)	12.510	295865	1.582 ug/ml
13) T Pyrene (C20.8)	12.807	234987	1.278 ug/ml
14) T Benzo[a]anthracene (C...	14.676	112058	0.648 ug/ml
15) T Chrysene (C27.41)	14.715	149027	0.840 ug/ml
16) T benzo[b]fluoranthene ...	16.223	199504	1.184 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	199504	1.171 ug/ml

(f)=RT Delta > 1/2 Window

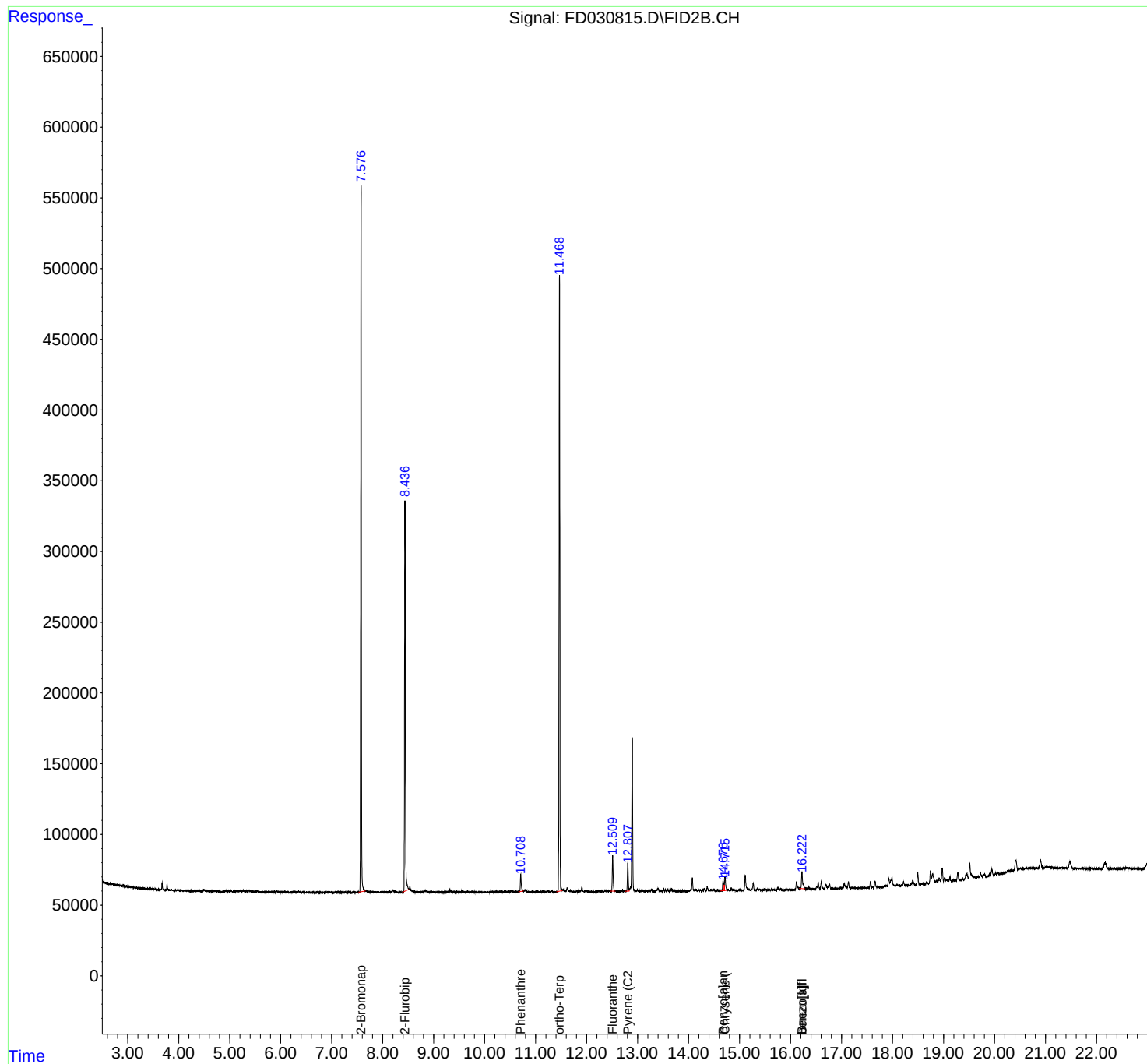
(m)=manual int.

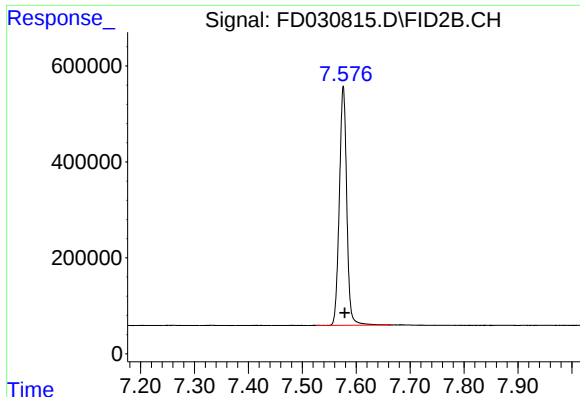
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Signal Info : 20M x 0.18mm x 0.18µm

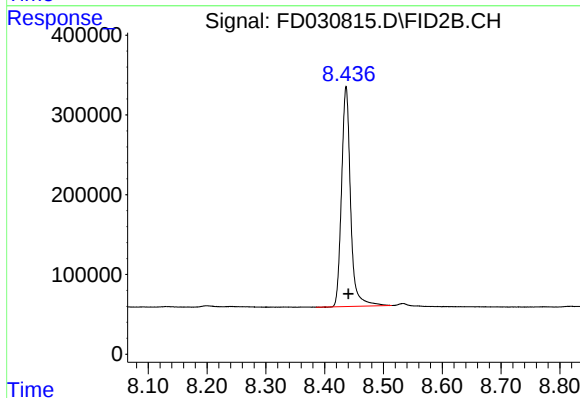




#4 2-Bromonaphthalene (SURR)

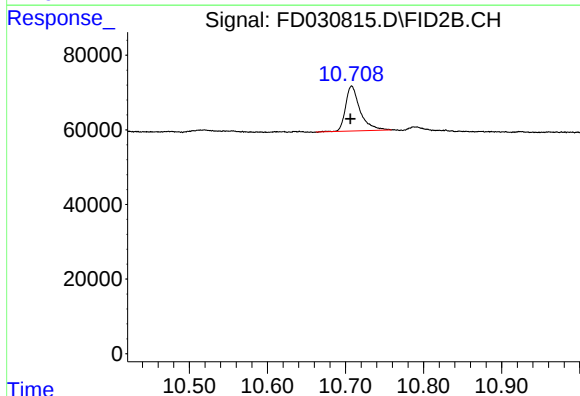
R.T.: 7.576 min
Delta R.T.: -0.003 min
Response: 4753049
Conc: 27.91 ug/ml

Instrument :
FID_D
ClientSampleId :
RT-3860



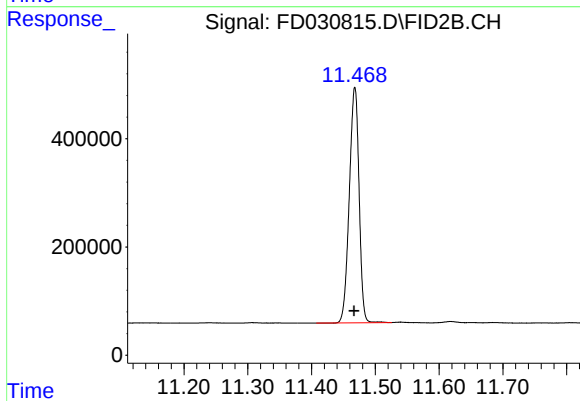
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: -0.004 min
Response: 2932352
Conc: 25.43 ug/ml



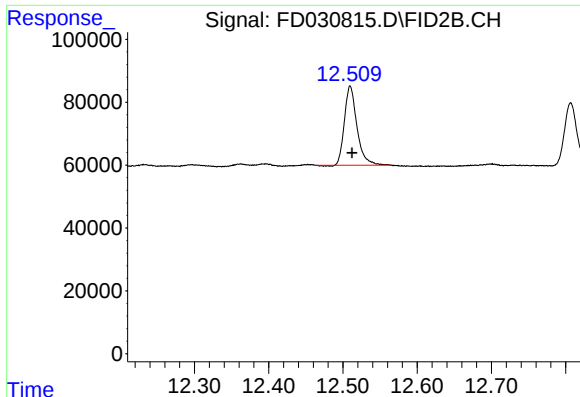
#9 Phenanthrene (C19.36)

R.T.: 10.708 min
Delta R.T.: 0.002 min
Response: 154377
Conc: 0.82 ug/ml



#11 ortho-Terphenyl (SURR)

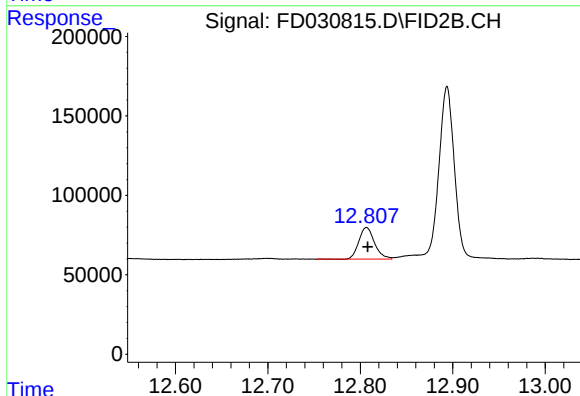
R.T.: 11.468 min
Delta R.T.: 0.001 min
Response: 4634271
Conc: 24.82 ug/ml



#12 Fluoranthene (C21.85)

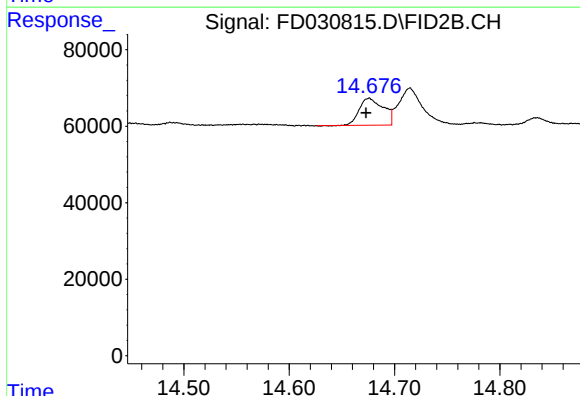
R.T.: 12.510 min
Delta R.T.: -0.002 min
Response: 295865
Conc: 1.58 ug/ml

Instrument :
FID_D
ClientSampleId :
RT-3860



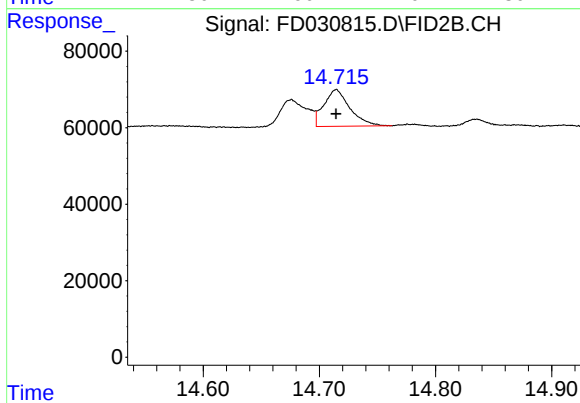
#13 Pyrene (C20.8)

R.T.: 12.807 min
Delta R.T.: -0.001 min
Response: 234987
Conc: 1.28 ug/ml



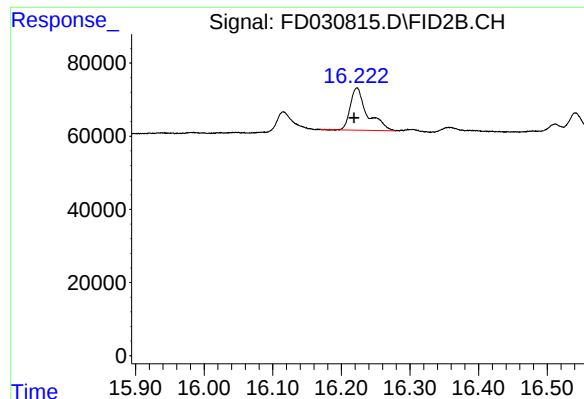
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.676 min
Delta R.T.: 0.003 min
Response: 112058
Conc: 0.65 ug/ml



#15 Chrysene (C27.41)

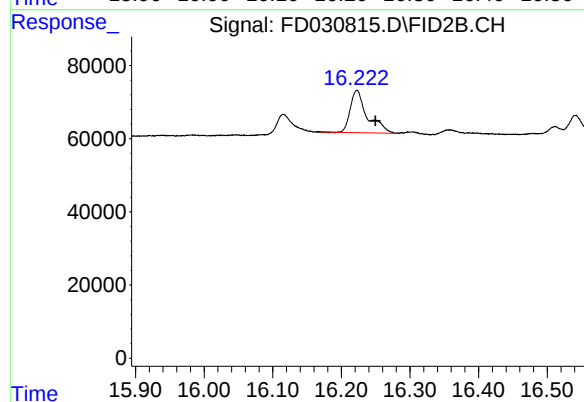
R.T.: 14.715 min
Delta R.T.: 0.000 min
Response: 149027
Conc: 0.84 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.223 min
Delta R.T.: 0.004 min
Response: 199504
Conc: 1.18 ug/ml

Instrument :
FID_D
ClientSampleId :
RT-3860



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.223 min
Delta R.T.: -0.027 min
Response: 199504
Conc: 1.17 ug/ml