

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041817.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 19:42
 Operator : UA/NP
 Sample : N2161-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 31 01:23:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 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...	7.347	5951407	37.106 ug/ml
Spiked Amount 50.000		Recovery =	74.21%
6) S 2-Fluorobiphenyl (SURR)	8.197	3925747	39.728 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.46%
11) S ortho-Terphenyl (SURR)	11.227	4085177	21.015 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
Target Compounds			
9) T Phenanthrene (C19.36)	10.480	111256	0.638 ug/ml
10) T Anthracene (C19.43)	10.480	111256	0.611 ug/ml
12) T Fluoranthene (C21.85)	12.271	218143	1.236 ug/ml
13) T Pyrene (C20.8)	12.562	151020	0.893 ug/ml
14) T Benzo[a]anthracene (C...	14.486f	122198	0.817 ug/ml
15) T Chrysene (C27.41)	14.486	122198	0.679 ug/ml
16) T benzo[b]fluoranthene ...	15.995	115011	0.776 ug/ml
17) T Bnezo[k]fluoranthene ...	15.995	115011	0.696 ug/ml

(f)=RT Delta > 1/2 Window

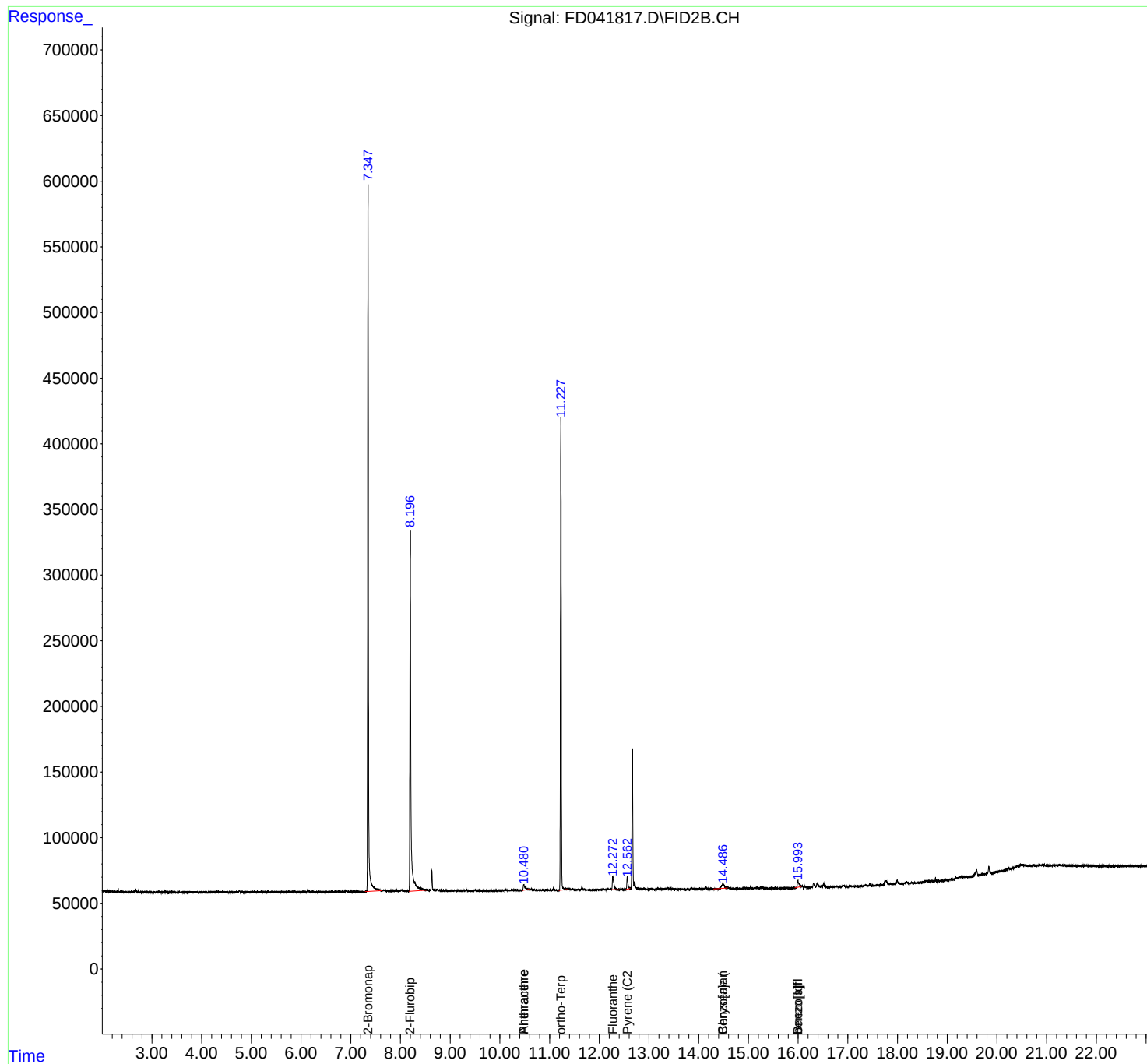
(m)=manual int.

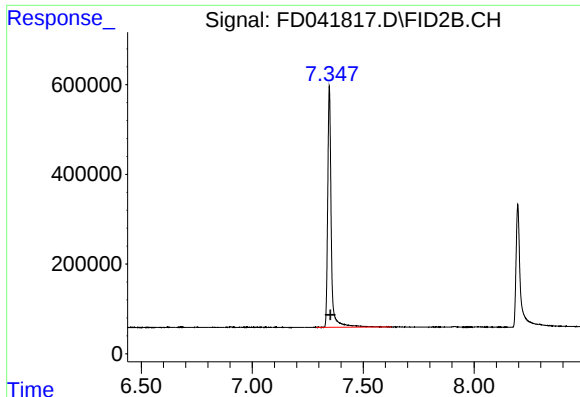
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

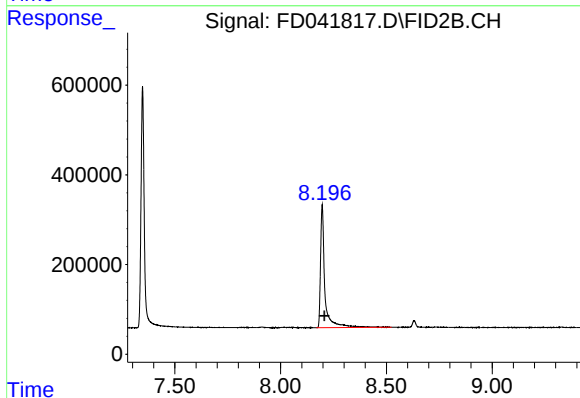




#4 2-Bromonaphthalene (SURRE)

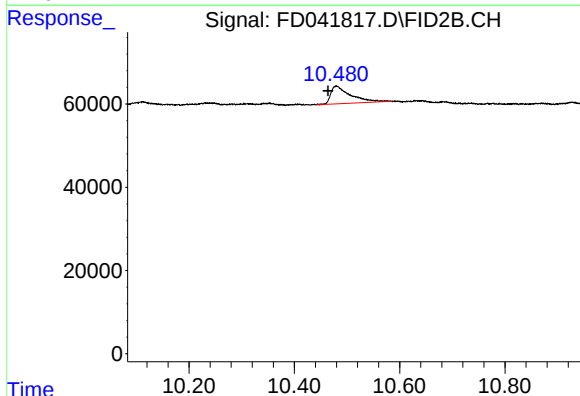
R.T.: 7.347 min
Delta R.T.: -0.005 min
Response: 5951407
Conc: 37.11 ug/ml

Instrument :
FID_D
ClientSampleId :



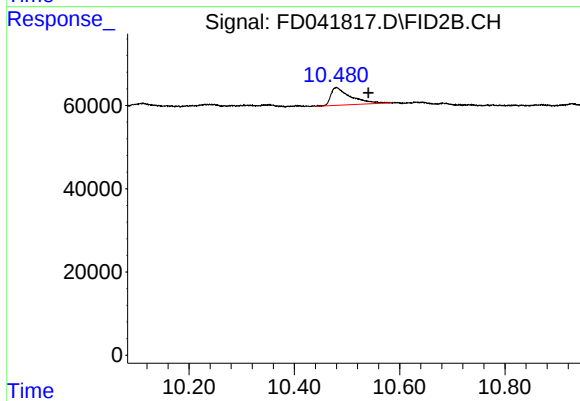
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3925747
Conc: 39.73 ug/ml



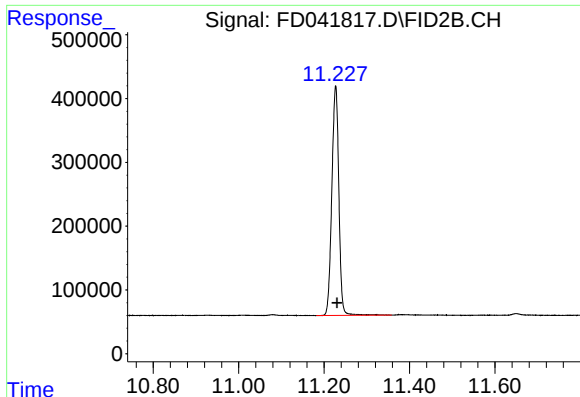
#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: 0.016 min
Response: 111256
Conc: 0.64 ug/ml



#10 Anthracene (C19.43)

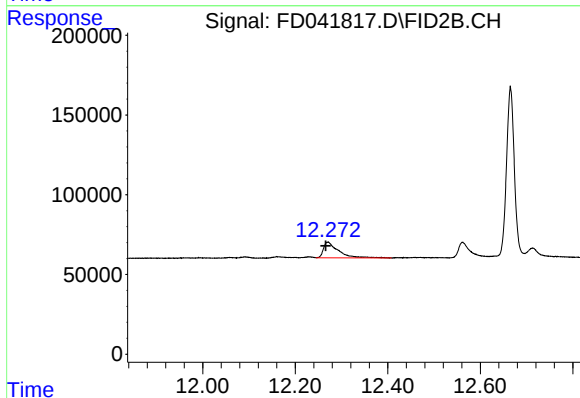
R.T.: 10.480 min
Delta R.T.: -0.061 min
Response: 111256
Conc: 0.61 ug/ml



#11 ortho-Terphenyl (SURR)

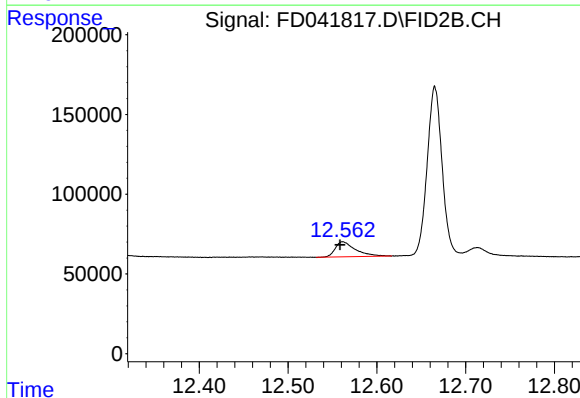
R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 4085177
Conc: 21.01 ug/ml

Instrument :
FID_D
ClientSampleId :



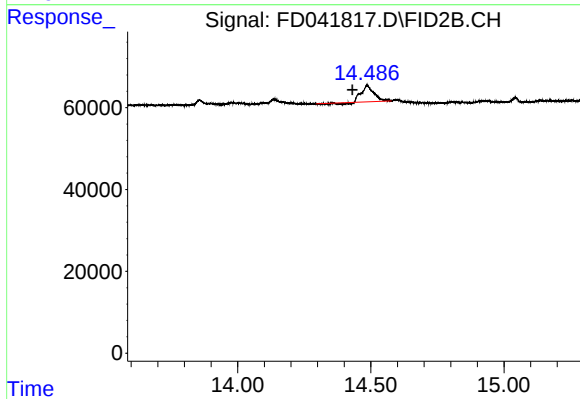
#12 Fluoranthene (C21.85)

R.T.: 12.271 min
Delta R.T.: 0.004 min
Response: 218143
Conc: 1.24 ug/ml



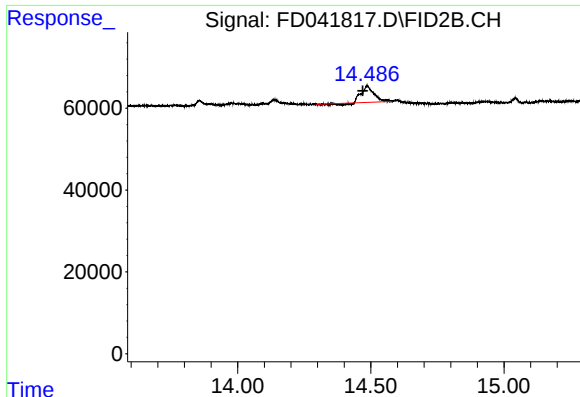
#13 Pyrene (C20.8)

R.T.: 12.562 min
Delta R.T.: 0.004 min
Response: 151020
Conc: 0.89 ug/ml



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

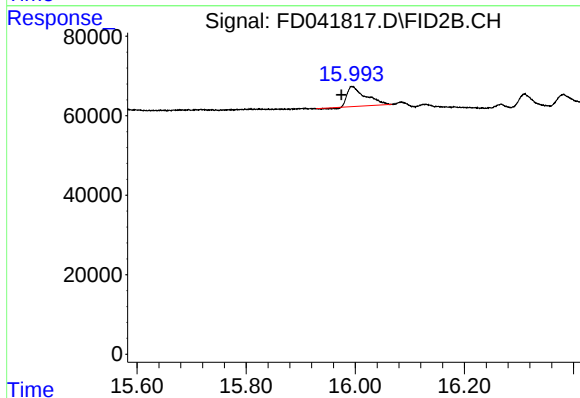
R.T.: 14.486 min
Delta R.T.: 0.055 min
Response: 122198
Conc: 0.82 ug/ml



#15 Chrysene (C27.41)

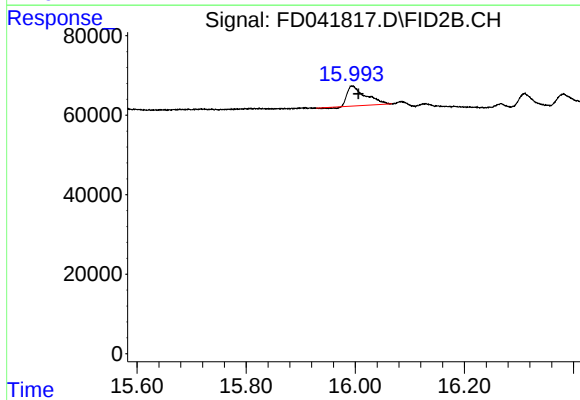
R.T.: 14.486 min
Delta R.T.: 0.016 min
Response: 122198
Conc: 0.68 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 15.995 min
Delta R.T.: 0.020 min
Response: 115011
Conc: 0.78 ug/ml



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

R.T.: 15.995 min
Delta R.T.: -0.011 min
Response: 115011
Conc: 0.70 ug/ml