

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102120AR\
 Data File : FD035106.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2020 10:18
 Operator : DD\AJ
 Sample : L4461-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 21 15:25:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 2020
 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...	7.652	6737277	57.796 ug/ml
Spiked Amount 50.000		Recovery =	115.59%
6) S 2-Fluorobiphenyl (SURR)	8.516	4463136	54.363 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.73%
11) S ortho-Terphenyl (SURR)	11.590	127870	0.933 ug/ml
Spiked Amount 50.000		Recovery =	1.87%
Target Compounds			
9) T Phenanthrene (C19.36)	10.791	257701	1.929 ug/ml
12) T Fluoranthene (C21.85)	12.601	354163	2.691 ug/ml
13) T Pyrene (C20.8)	12.898	405947	3.171 ug/ml
14) T Benzo[a]anthracene (C...	14.814	376065	3.303 ug/ml
15) T Chrysene (C27.41)	14.871	91308	0.745 ug/ml
16) T benzo[b]fluoranthene ...	16.322	340661	3.178 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322f	340661	3.154 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.699	141277	1.450 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.063	53802	0.581 ug/ml
21) T Benzo[g,h,i]perylene ...	18.315	89767	0.932 ug/ml

(f)=RT Delta > 1/2 Window

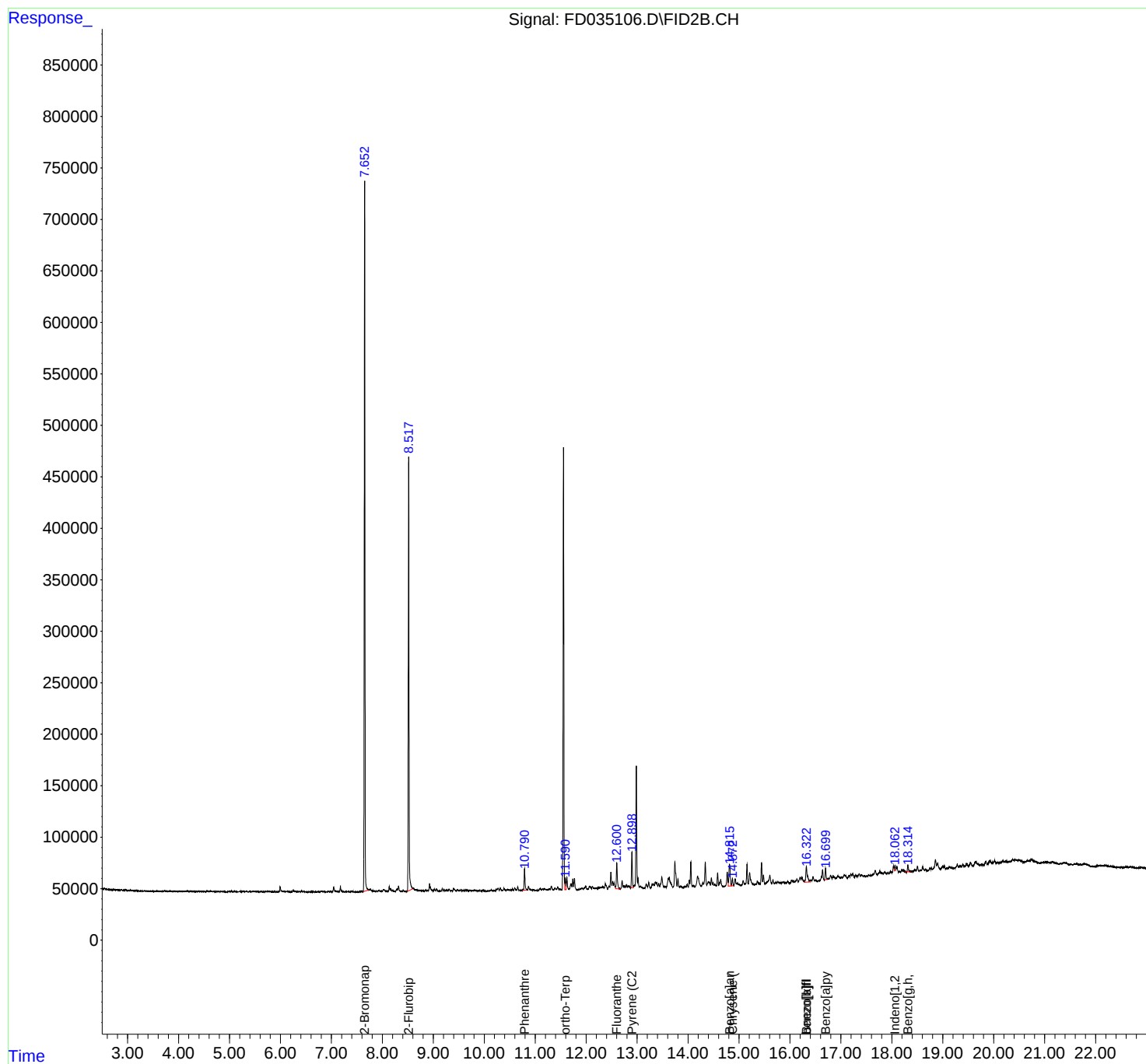
(m)=manual int.

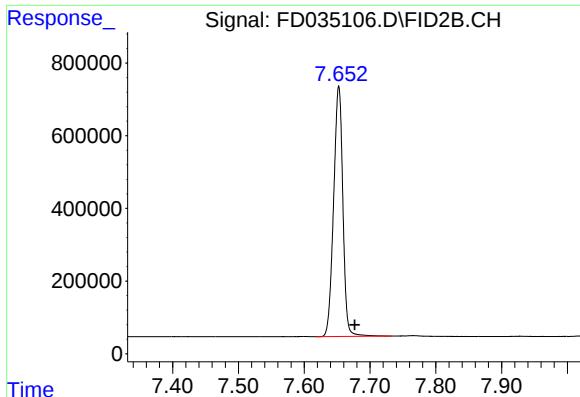
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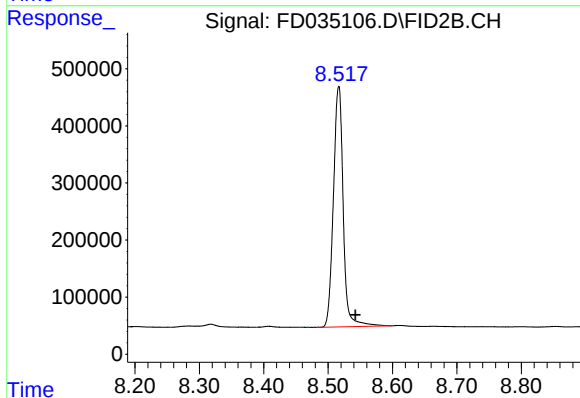




#4 2-Bromonaphthalene (SURR)

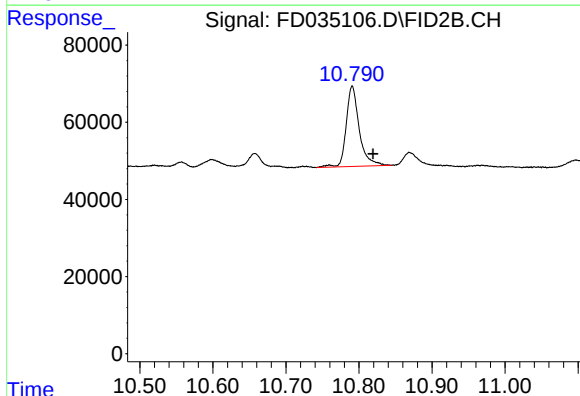
R.T.: 7.652 min
Delta R.T.: -0.025 min
Response: 6737277
Conc: 57.80 ug/ml

Instrument :
FID_D
ClientSampleId :



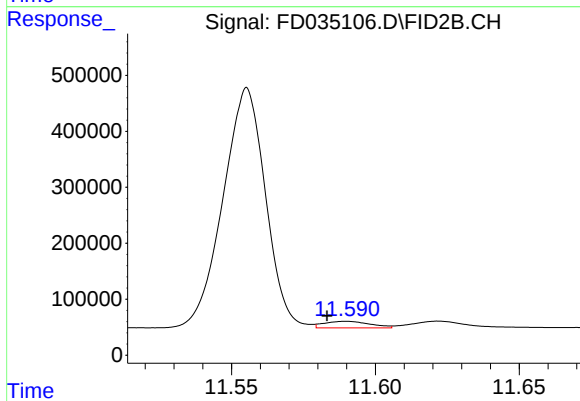
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.026 min
Response: 4463136
Conc: 54.36 ug/ml



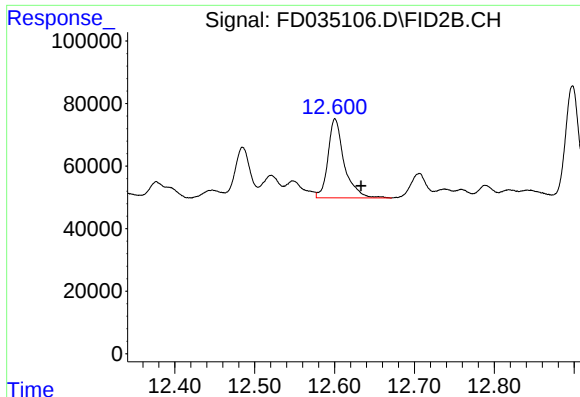
#9 Phenanthrene (C19.36)

R.T.: 10.791 min
Delta R.T.: -0.029 min
Response: 257701
Conc: 1.93 ug/ml



#11 ortho-Terphenyl (SURR)

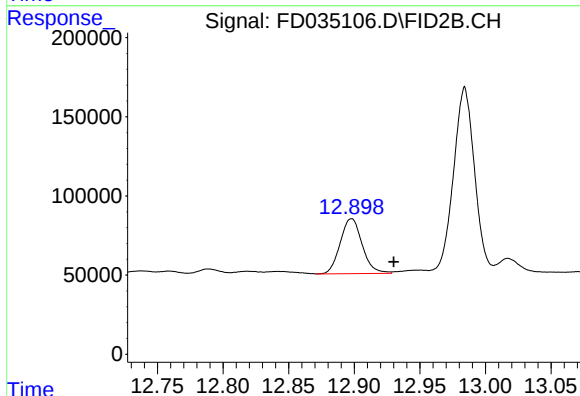
R.T.: 11.590 min
Delta R.T.: 0.007 min
Response: 127870
Conc: 0.93 ug/ml



#12 Fluoranthene (C21.85)

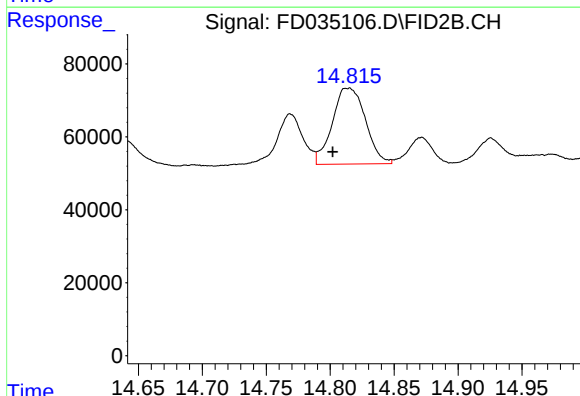
R.T.: 12.601 min
Delta R.T.: -0.032 min
Response: 354163
Conc: 2.69 ug/ml

Instrument :
FID_D
ClientSampleId :



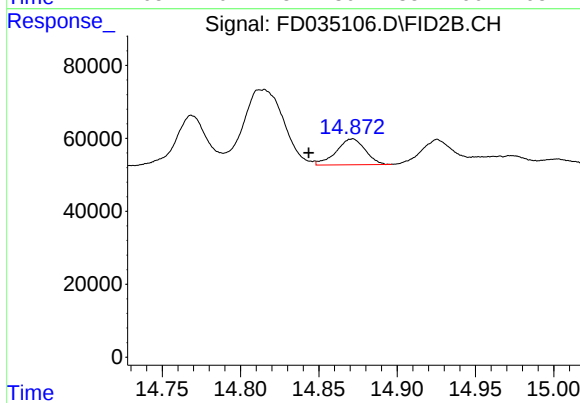
#13 Pyrene (C20.8)

R.T.: 12.898 min
Delta R.T.: -0.032 min
Response: 405947
Conc: 3.17 ug/ml



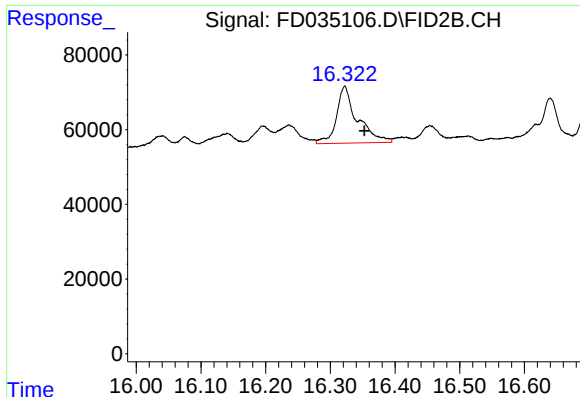
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.814 min
Delta R.T.: 0.012 min
Response: 376065
Conc: 3.30 ug/ml



#15 Chrysene (C27.41)

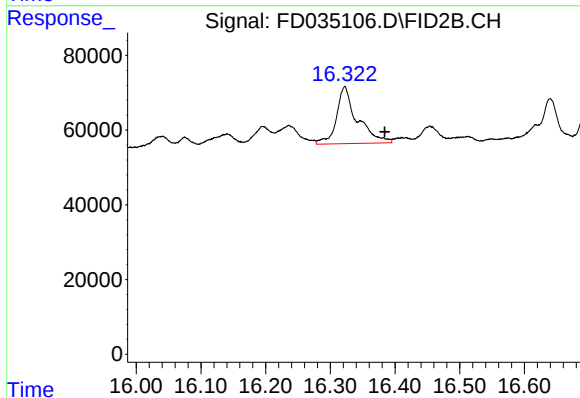
R.T.: 14.871 min
Delta R.T.: 0.028 min
Response: 91308
Conc: 0.75 ug/ml



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

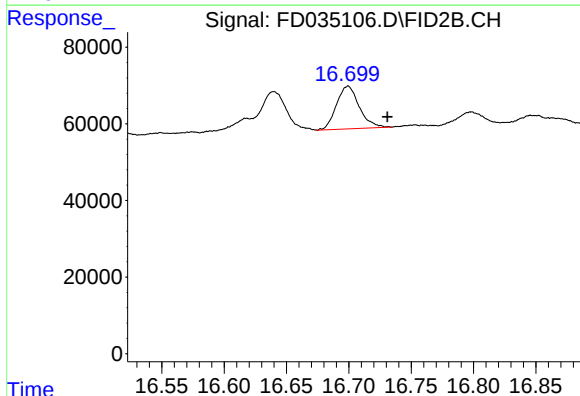
R.T.: 16.322 min
Delta R.T.: -0.030 min
Response: 340661
Conc: 3.18 ug/ml

Instrument :
FID_D
ClientSampleId :



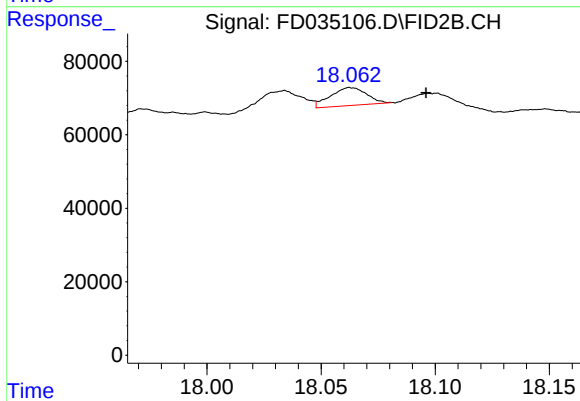
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: -0.062 min
Response: 340661
Conc: 3.15 ug/ml



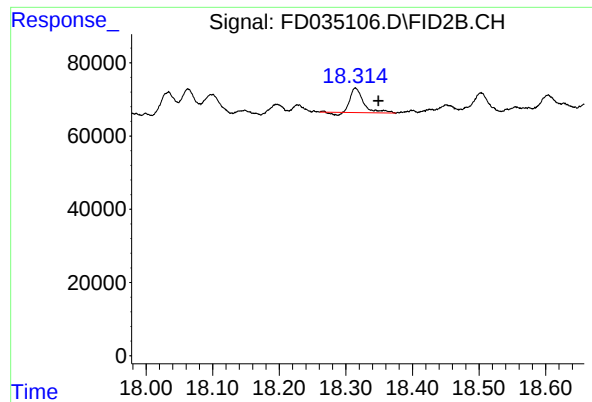
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.699 min
Delta R.T.: -0.032 min
Response: 141277
Conc: 1.45 ug/ml



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

R.T.: 18.063 min
Delta R.T.: -0.033 min
Response: 53802
Conc: 0.58 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.315 min
Delta R.T.: -0.034 min
Response: 89767
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :