

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036873.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 17:11
 Operator : DD\AJ
 Sample : M1998-07
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 02:48:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 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...	7.589	5444279	38.710 ug/ml
Spiked Amount 50.000		Recovery =	77.42%
6) S 2-Fluorobiphenyl (SURR)	8.449	3065122	32.653 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	65.31%
11) S ortho-Terphenyl (SURR)	11.490	3806552	24.923 ug/ml
Spiked Amount 50.000		Recovery =	49.85%
Target Compounds			
2) T Naphthalene (C11.7)	5.925	68761	0.438 ug/ml
9) T Phenanthrene (C19.36)	10.718	232008	1.583 ug/ml
10) T Anthracene (C19.43)	10.793	96447	0.666 ug/ml
12) T Fluoranthene (C21.85)	12.527	289635	2.063 ug/ml
13) T Pyrene (C20.8)	12.824	243262	1.773 ug/ml
14) T Benzo[a]anthracene (C...	14.692	113866	0.959 ug/ml
15) T Chrysene (C27.41)	14.732	99699	0.824 ug/ml
16) T benzo[b]fluoranthene ...	16.240	96229	0.877 ug/ml
17) T Bnezo[k]fluoranthene ...	16.240	96229	0.905 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.616	140744	1.412 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.962	405436	4.033 ug/ml
20) T Dibenz[a,h]anthracene...	17.962f	405436	4.021 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	80208	0.792 ug/ml

(f)=RT Delta > 1/2 Window

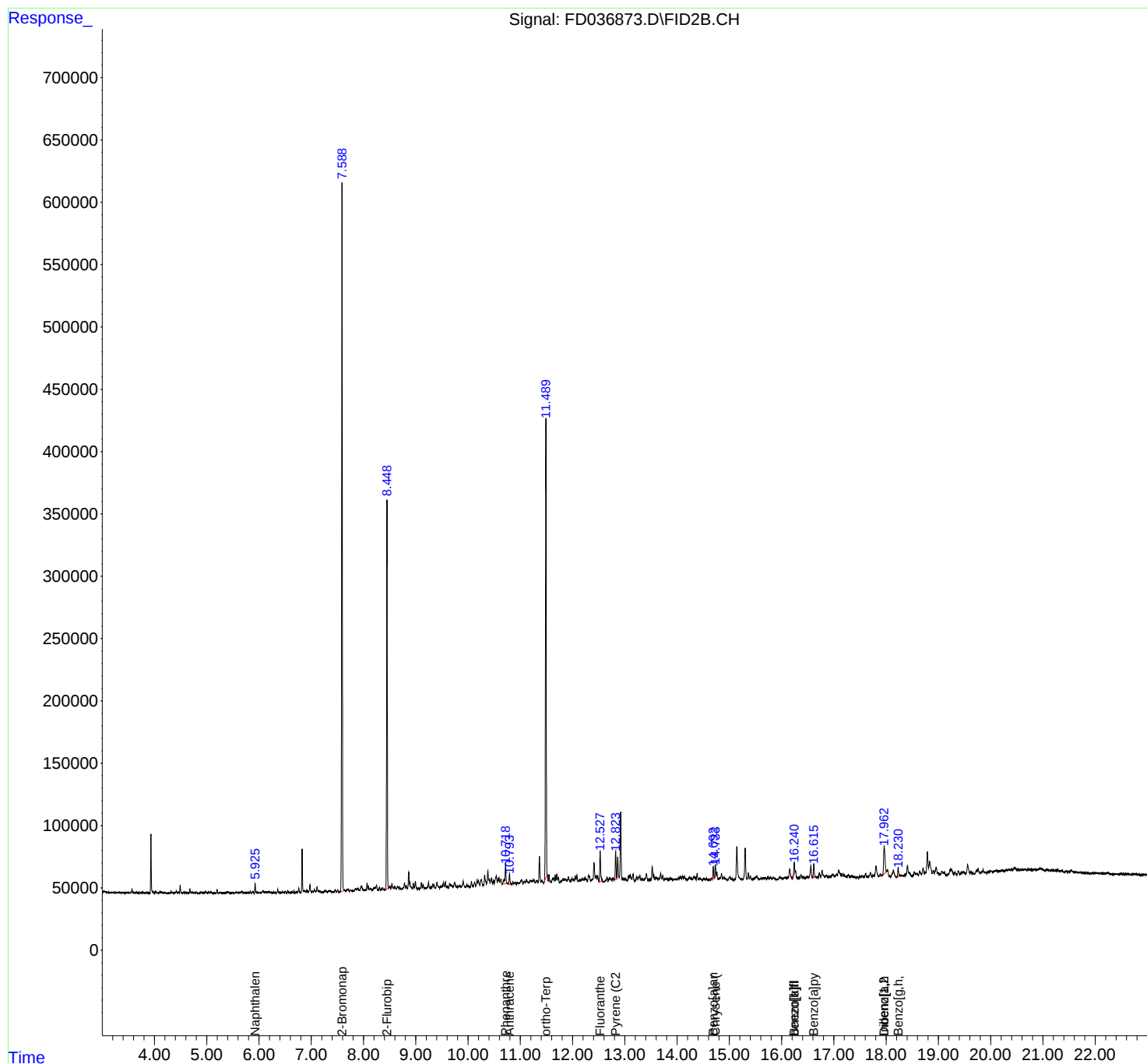
(m)=manual int.

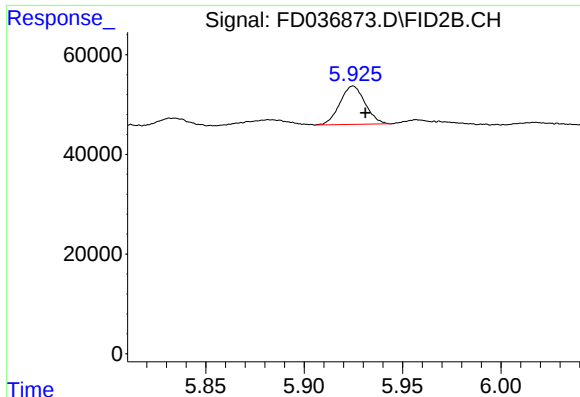
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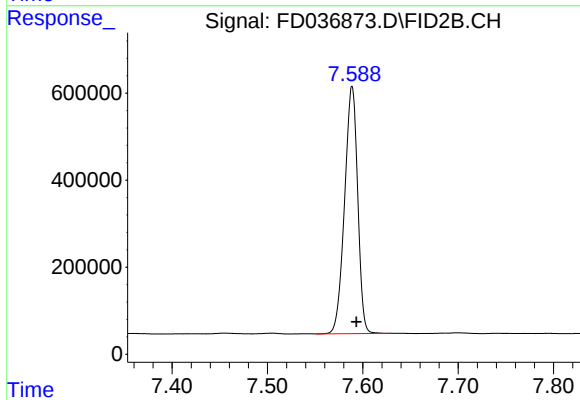




#2 Naphthalene (C11.7)

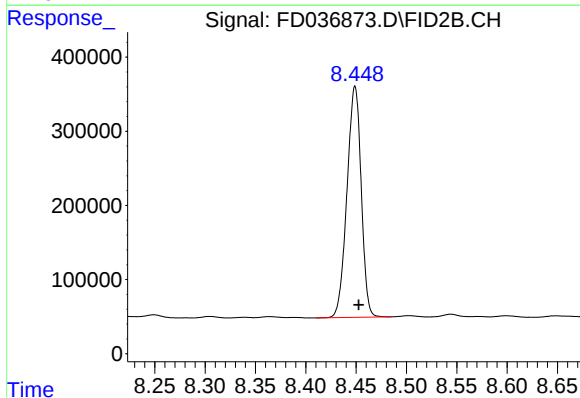
R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 68761
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



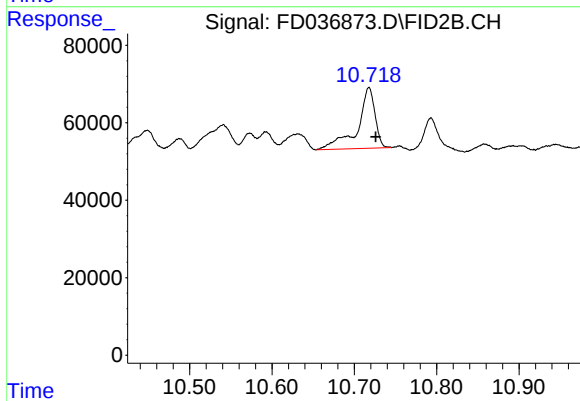
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.589 min
Delta R.T.: -0.005 min
Response: 5444279
Conc: 38.71 ug/ml



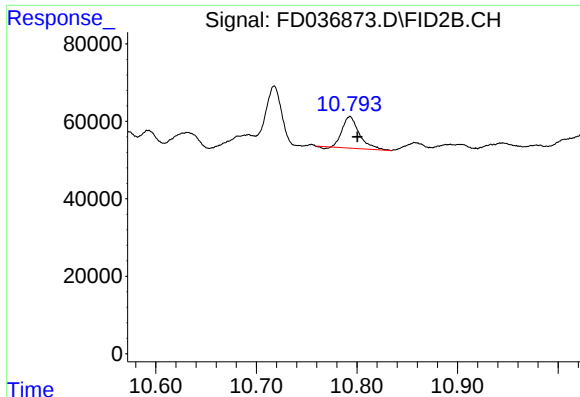
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 3065122
Conc: 32.65 ug/ml



#9 Phenanthrene (C19.36)

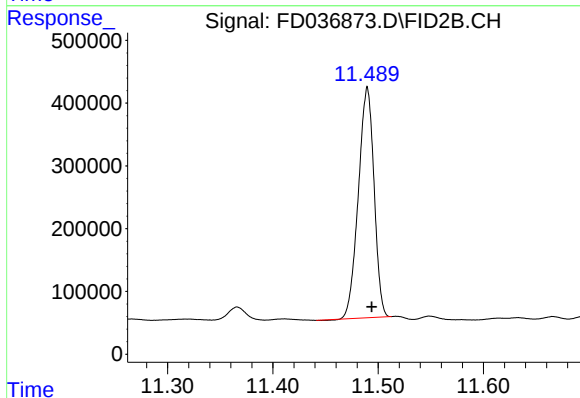
R.T.: 10.718 min
Delta R.T.: -0.008 min
Response: 232008
Conc: 1.58 ug/ml



#10 Anthracene (C19.43)

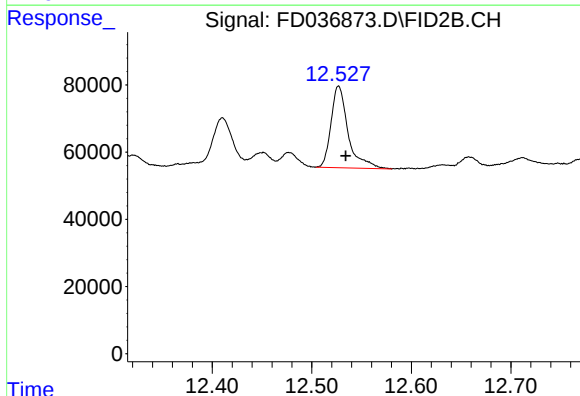
R.T.: 10.793 min
Delta R.T.: -0.007 min
Response: 96447
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



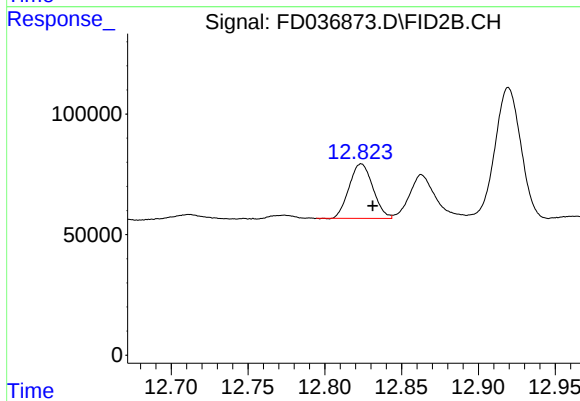
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 3806552
Conc: 24.92 ug/ml



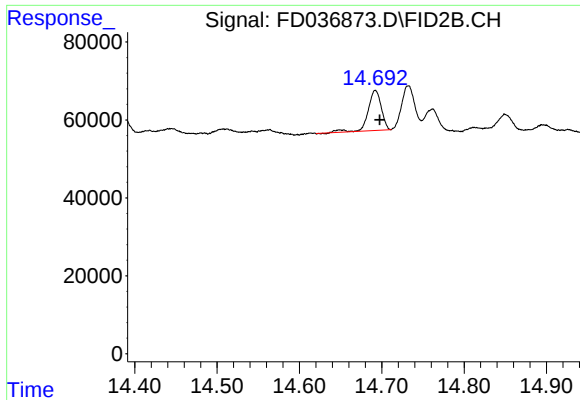
#12 Fluoranthene (C21.85)

R.T.: 12.527 min
Delta R.T.: -0.007 min
Response: 289635
Conc: 2.06 ug/ml



#13 Pyrene (C20.8)

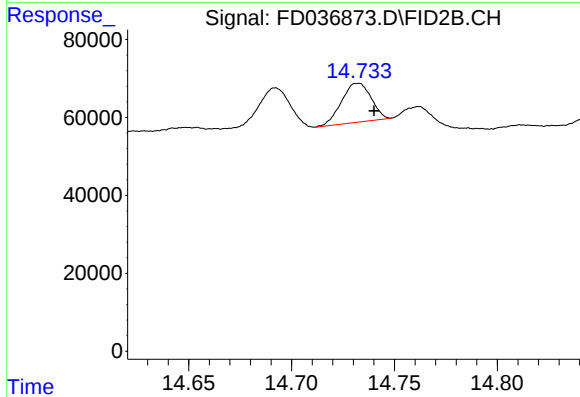
R.T.: 12.824 min
Delta R.T.: -0.007 min
Response: 243262
Conc: 1.77 ug/ml



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

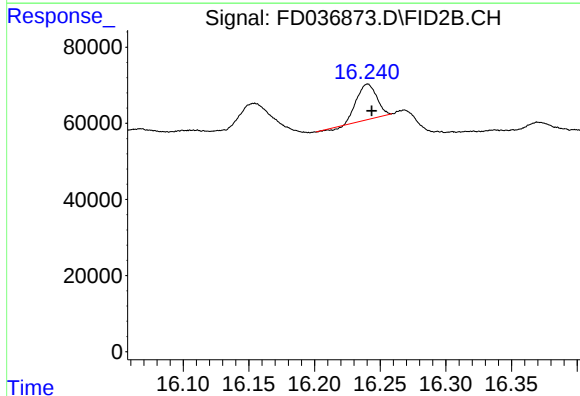
R.T.: 14.692 min
Delta R.T.: -0.005 min
Response: 113866
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



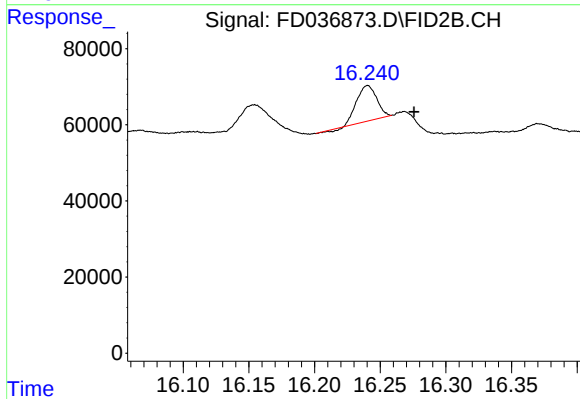
#15 Chrysene (C27.41)

R.T.: 14.732 min
Delta R.T.: -0.008 min
Response: 99699
Conc: 0.82 ug/ml



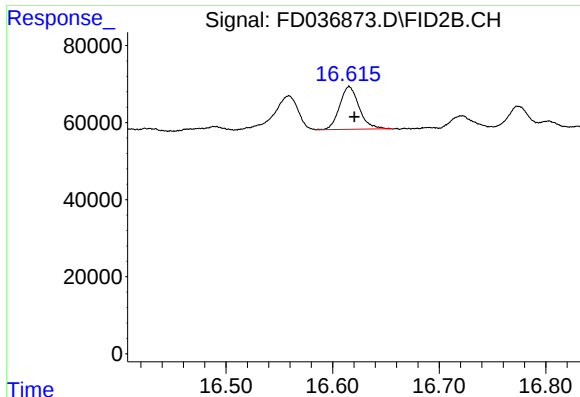
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: -0.003 min
Response: 96229
Conc: 0.88 ug/ml



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

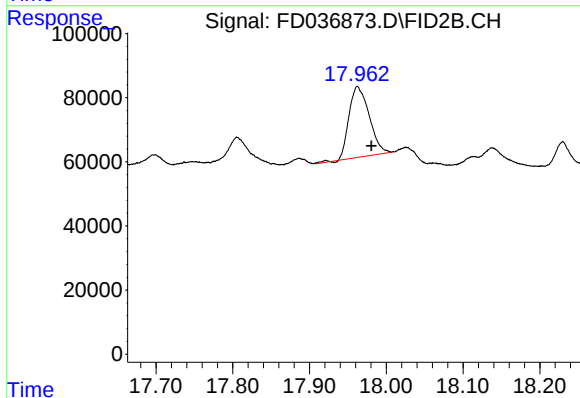
R.T.: 16.240 min
Delta R.T.: -0.036 min
Response: 96229
Conc: 0.91 ug/ml



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

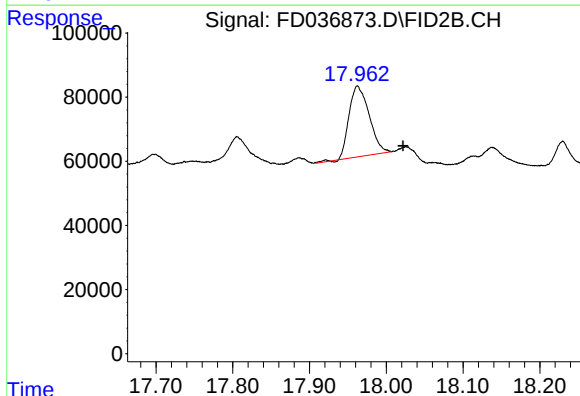
R.T.: 16.616 min
Delta R.T.: -0.005 min
Response: 140744
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



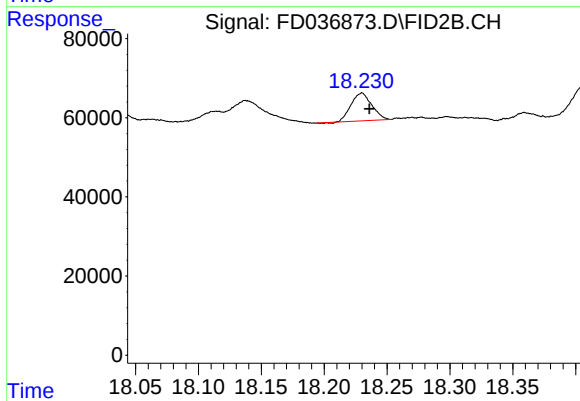
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.962 min
Delta R.T.: -0.018 min
Response: 405436
Conc: 4.03 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.059 min
Response: 405436
Conc: 4.02 ug/ml



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

R.T.: 18.230 min
Delta R.T.: -0.006 min
Response: 80208
Conc: 0.79 ug/ml