

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036875.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 18:27
 Operator : DD\AJ
 Sample : M1998-08D
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 02:48:56 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...	7.587	4133913	29.393 ug/ml
Spiked Amount 50.000		Recovery =	58.79%
6) S 2-Fluorobiphenyl (SURR)	8.447	2419684	25.777 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	51.55%
11) S ortho-Terphenyl (SURR)	11.489	3203617	20.976 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
9) T Phenanthrene (C19.36)	10.717	181262	1.237 ug/ml
10) T Anthracene (C19.43)	10.792	85725	0.592 ug/ml
12) T Fluoranthene (C21.85)	12.526	338769	2.413 ug/ml
13) T Pyrene (C20.8)	12.823	328838	2.397 ug/ml
14) T Benzo[a]anthracene (C...	14.691	185429	1.561 ug/ml
15) T Chrysene (C27.41)	14.731	191557	1.584 ug/ml
16) T benzo[b]fluoranthene ...	16.239	146810	1.338 ug/ml
17) T Bnezo[k]fluoranthene ...	16.239	146810	1.381 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.614	217095	2.178 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.970	288592	2.871 ug/ml
20) T Dibenz[a,h]anthracene...	17.970f	288592	2.862 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	118368	1.168 ug/ml

(f)=RT Delta > 1/2 Window

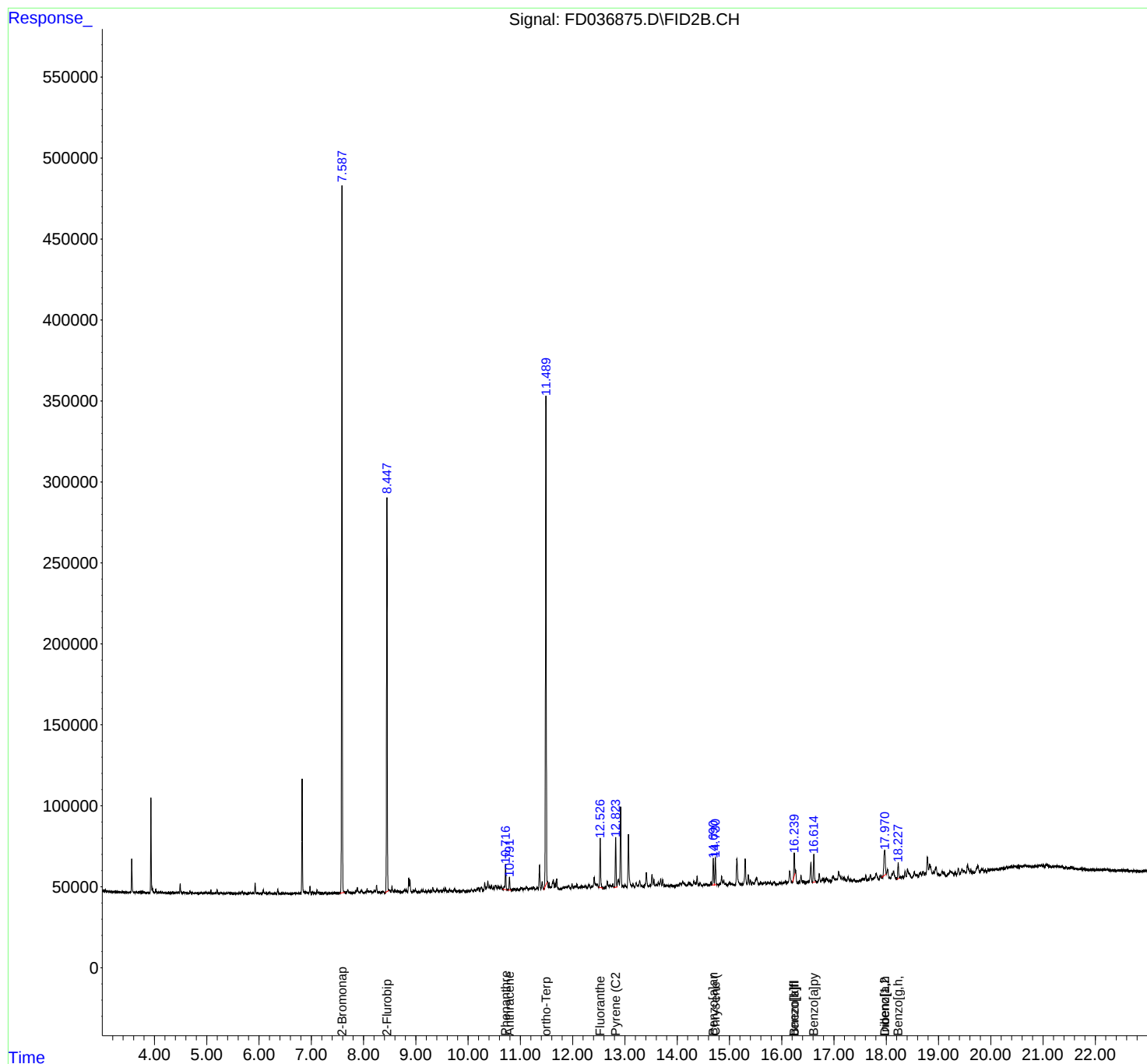
(m)=manual int.

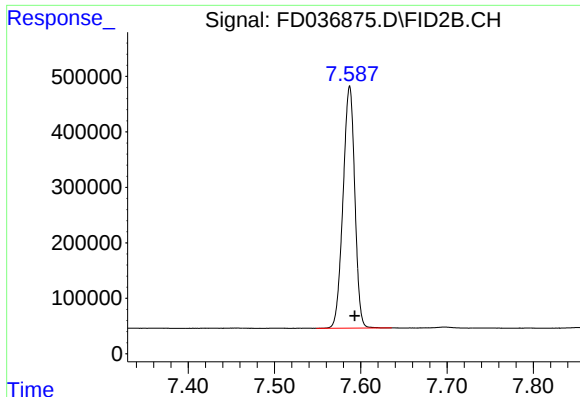
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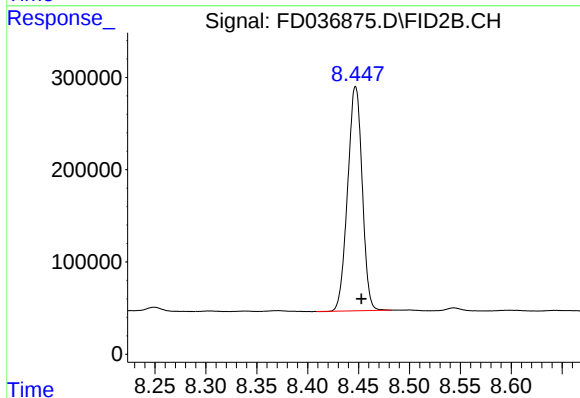




#4 2-Bromonaphthalene (SURRE)

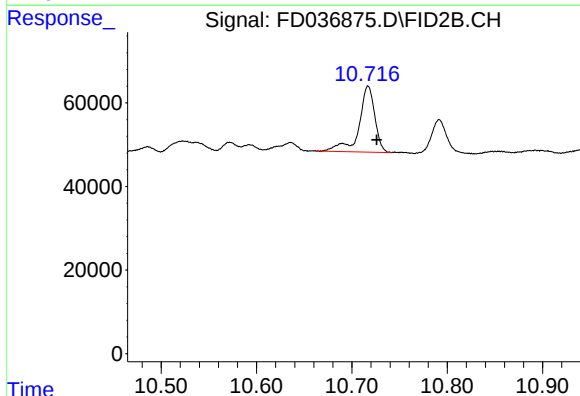
R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 4133913
Conc: 29.39 ug/ml

Instrument :
FID_D
ClientSampleId :



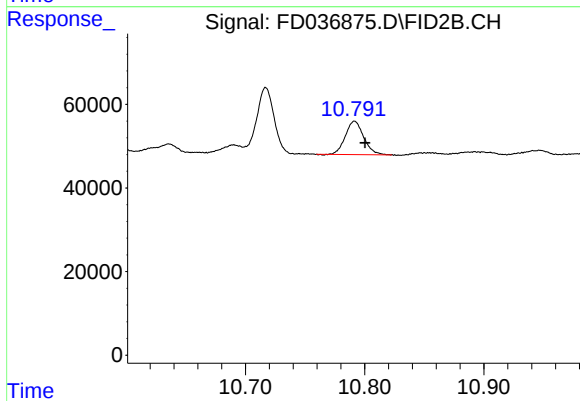
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 2419684
Conc: 25.78 ug/ml



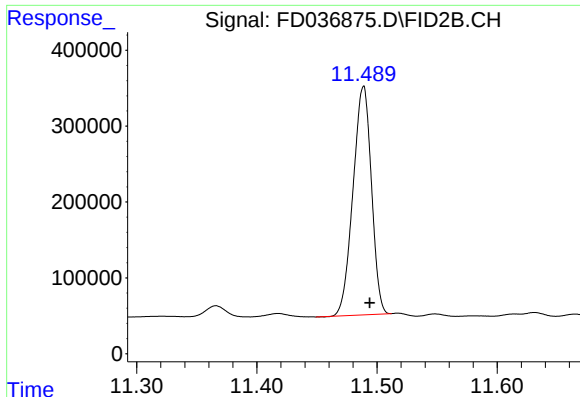
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: -0.009 min
Response: 181262
Conc: 1.24 ug/ml



#10 Anthracene (C19.43)

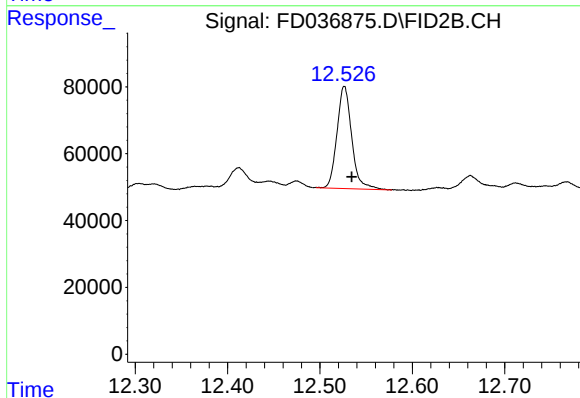
R.T.: 10.792 min
Delta R.T.: -0.009 min
Response: 85725
Conc: 0.59 ug/ml



#11 ortho-Terphenyl (SURR)

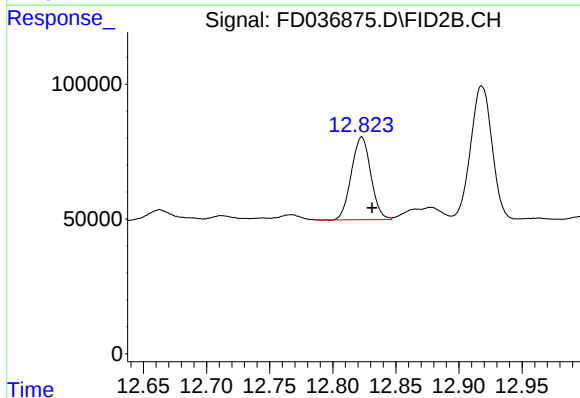
R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 3203617
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :



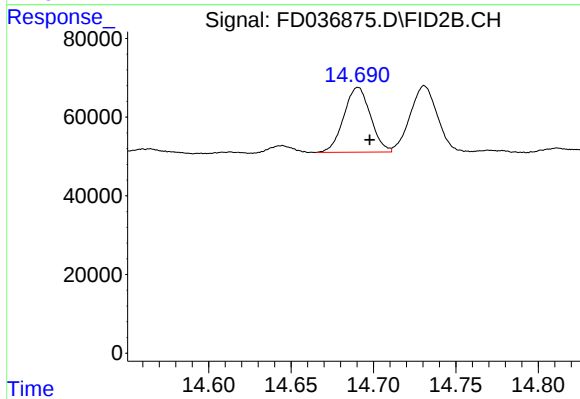
#12 Fluoranthene (C21.85)

R.T.: 12.526 min
Delta R.T.: -0.008 min
Response: 338769
Conc: 2.41 ug/ml



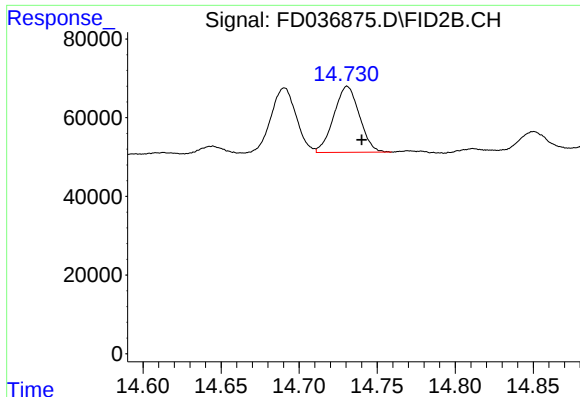
#13 Pyrene (C20.8)

R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 328838
Conc: 2.40 ug/ml



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

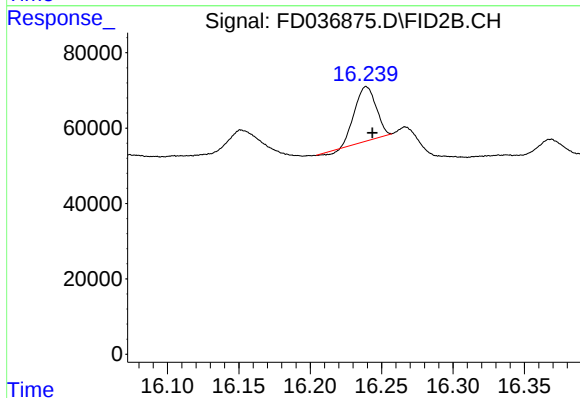
R.T.: 14.691 min
Delta R.T.: -0.007 min
Response: 185429
Conc: 1.56 ug/ml



#15 Chrysene (C27.41)

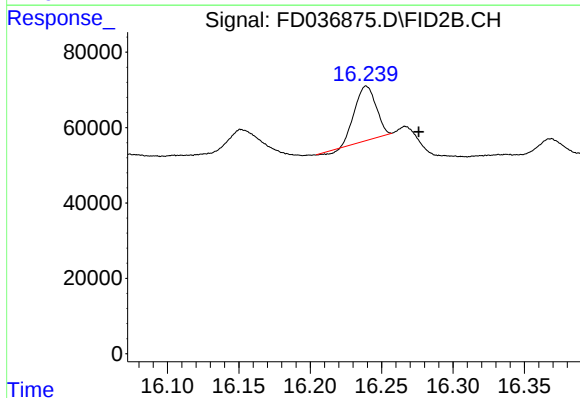
R.T.: 14.731 min
Delta R.T.: -0.009 min
Response: 191557
Conc: 1.58 ug/ml

Instrument :
FID_D
ClientSampleId :



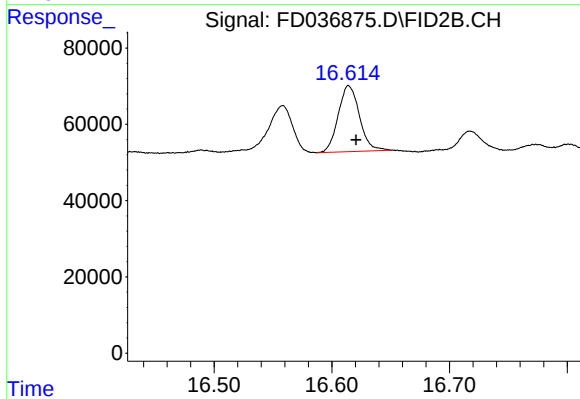
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.239 min
Delta R.T.: -0.004 min
Response: 146810
Conc: 1.34 ug/ml



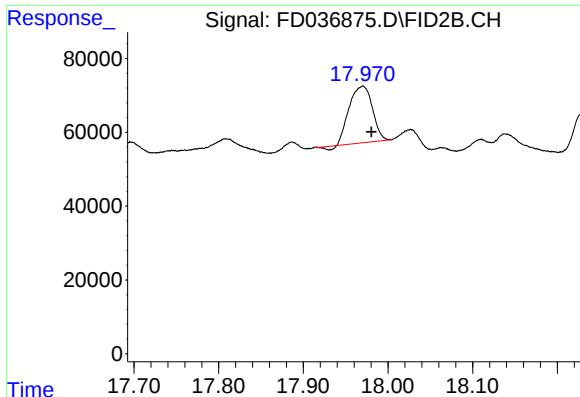
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.239 min
Delta R.T.: -0.037 min
Response: 146810
Conc: 1.38 ug/ml



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

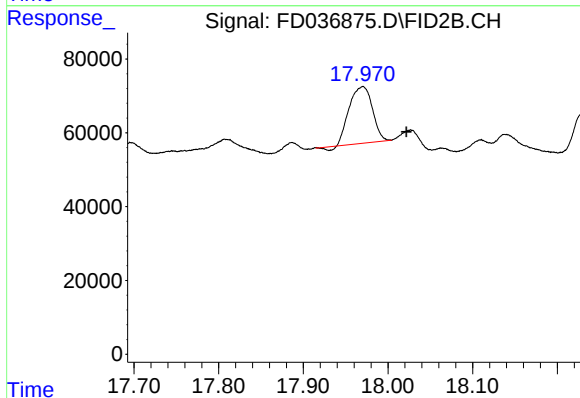
R.T.: 16.614 min
Delta R.T.: -0.006 min
Response: 217095
Conc: 2.18 ug/ml



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

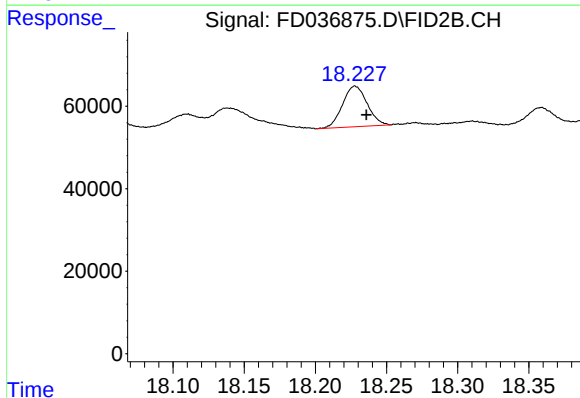
R.T.: 17.970 min
Delta R.T.: -0.010 min
Response: 288592
Conc: 2.87 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.970 min
Delta R.T.: -0.052 min
Response: 288592
Conc: 2.86 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.008 min
Response: 118368
Conc: 1.17 ug/ml