

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036874.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 17:48
 Operator : DD\AJ
 Sample : M1998-08
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 02:48:44 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...	7.585	4076220	28.983 ug/ml
Spiked Amount 50.000		Recovery =	57.97%
6) S 2-Fluorobiphenyl (SURR)	8.447	2403794	25.608 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	51.22%
11) S ortho-Terphenyl (SURR)	11.489	3184814	20.853 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
9) T Phenanthrene (C19.36)	10.717	183928	1.255 ug/ml
10) T Anthracene (C19.43)	10.792	85301	0.589 ug/ml
12) T Fluoranthene (C21.85)	12.527	335383	2.389 ug/ml
13) T Pyrene (C20.8)	12.823	328056	2.391 ug/ml
14) T Benzo[a]anthracene (C...	14.691	186572	1.571 ug/ml
15) T Chrysene (C27.41)	14.732	189364	1.566 ug/ml
16) T benzo[b]fluoranthene ...	16.240	140948	1.284 ug/ml
17) T Bnezo[k]fluoranthene ...	16.240	140948	1.326 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.615	219897	2.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.970	290617	2.891 ug/ml
20) T Dibenz[a,h]anthracene...	17.970f	290617	2.882 ug/ml
21) T Benzo[g,h,i]perylene ...	18.229	106917	1.055 ug/ml

(f)=RT Delta > 1/2 Window

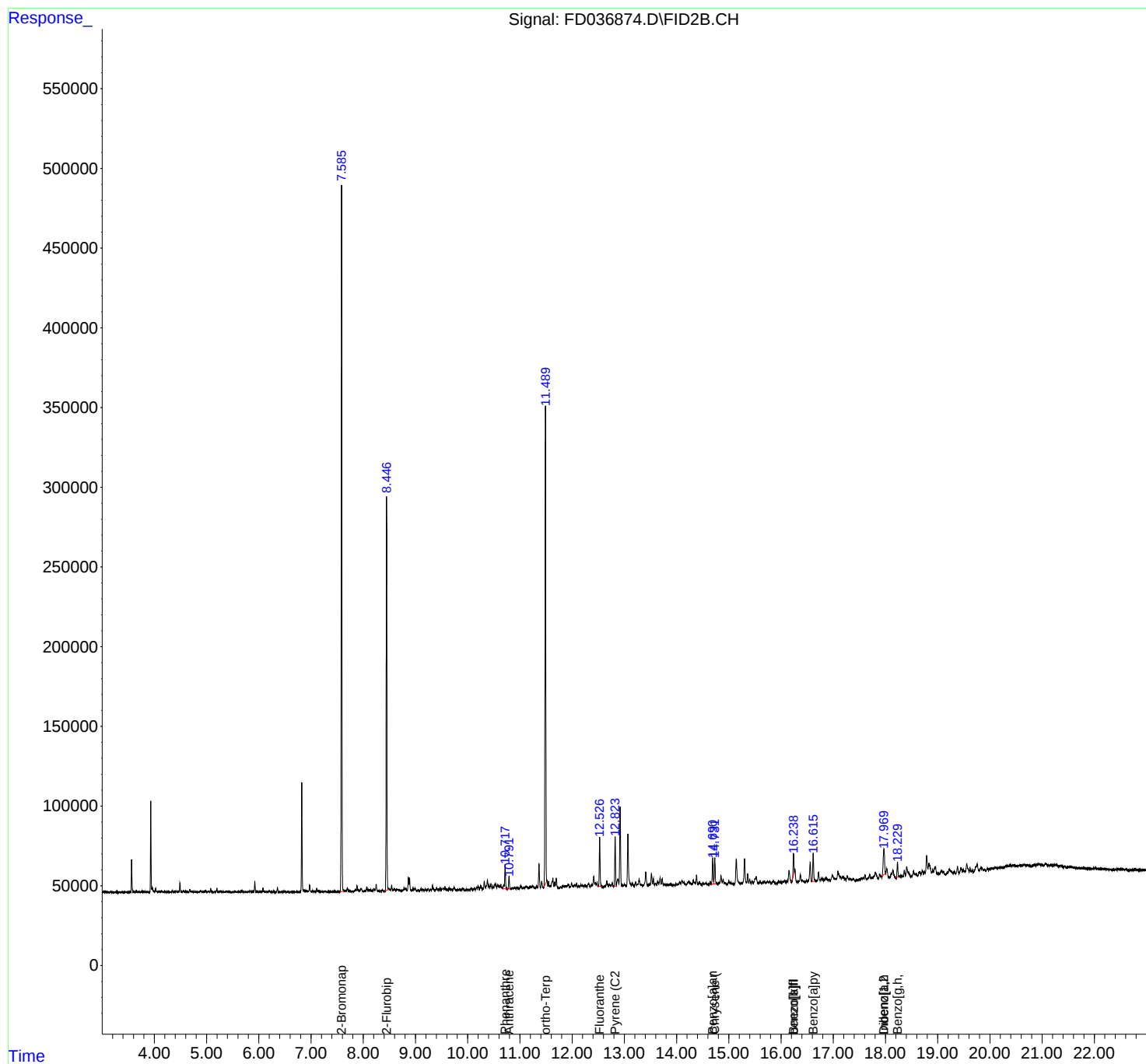
(m)=manual int.

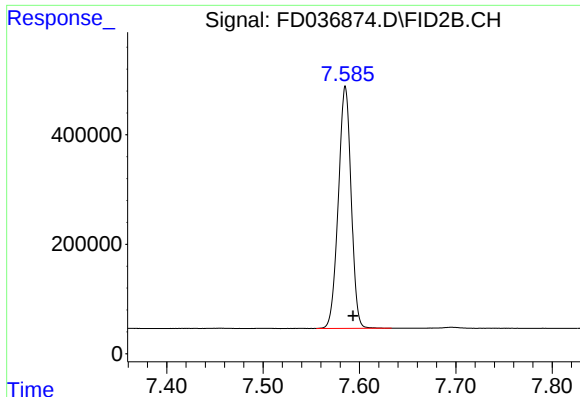
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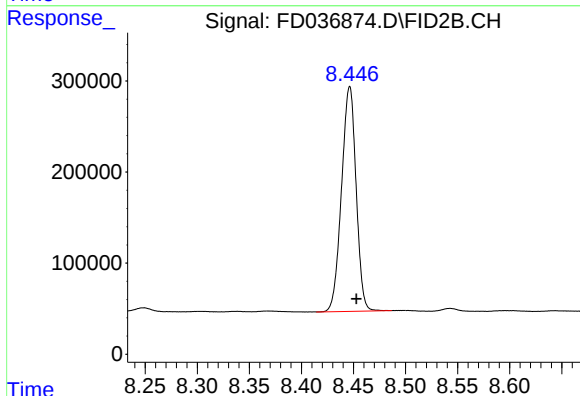




#4 2-Bromonaphthalene (SURRE)

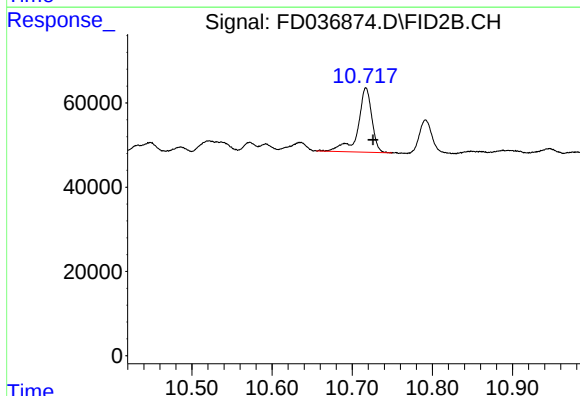
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 4076220
Conc: 28.98 ug/ml

Instrument :
FID_D
ClientSampleId :



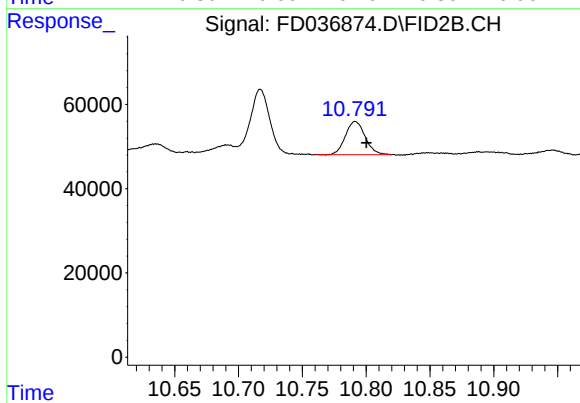
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 2403794
Conc: 25.61 ug/ml



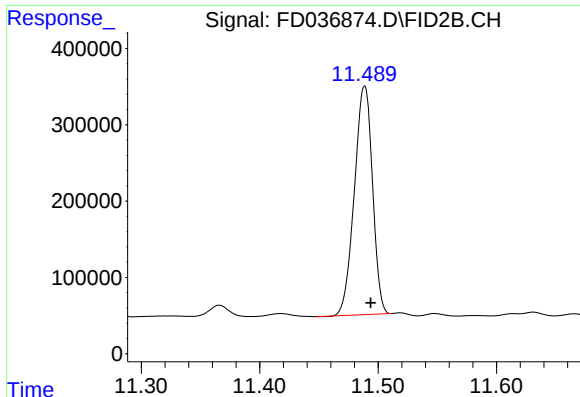
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: -0.009 min
Response: 183928
Conc: 1.25 ug/ml



#10 Anthracene (C19.43)

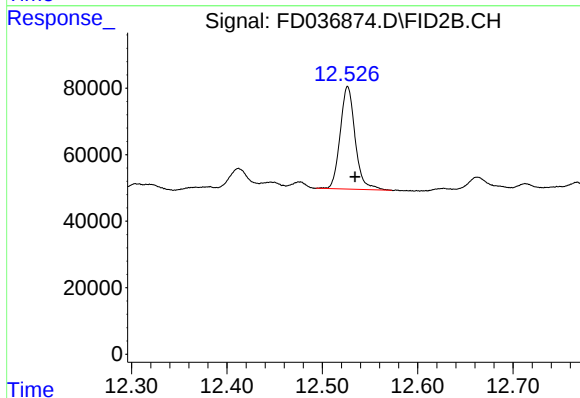
R.T.: 10.792 min
Delta R.T.: -0.009 min
Response: 85301
Conc: 0.59 ug/ml



#11 ortho-Terphenyl (SURR)

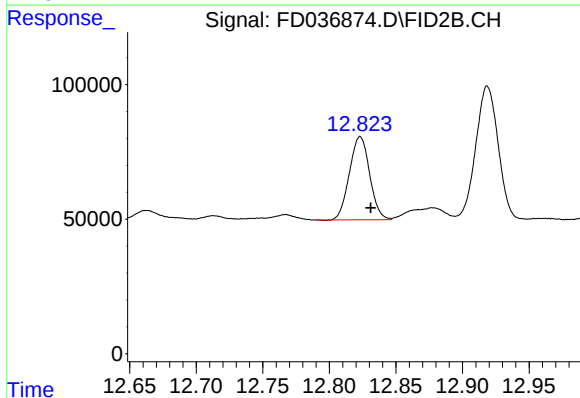
R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 3184814
Conc: 20.85 ug/ml

Instrument :
FID_D
ClientSampleId :



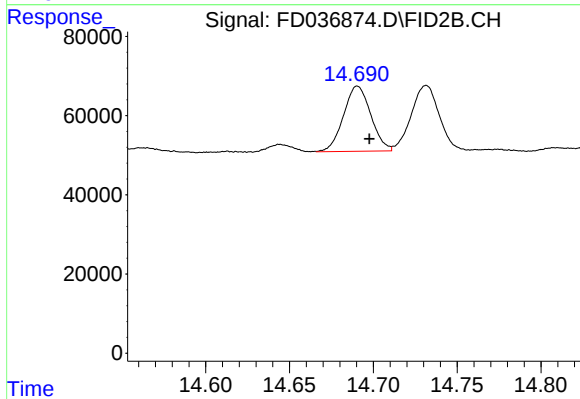
#12 Fluoranthene (C21.85)

R.T.: 12.527 min
Delta R.T.: -0.008 min
Response: 335383
Conc: 2.39 ug/ml



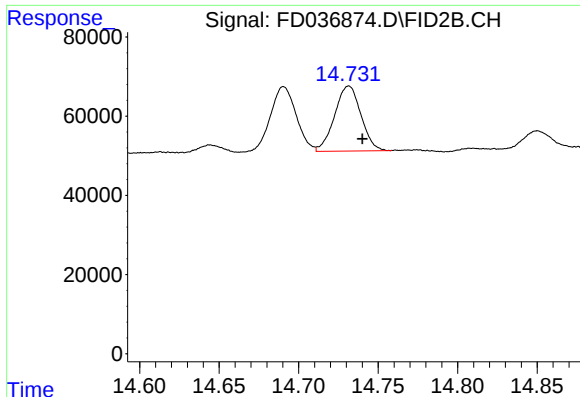
#13 Pyrene (C20.8)

R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 328056
Conc: 2.39 ug/ml



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

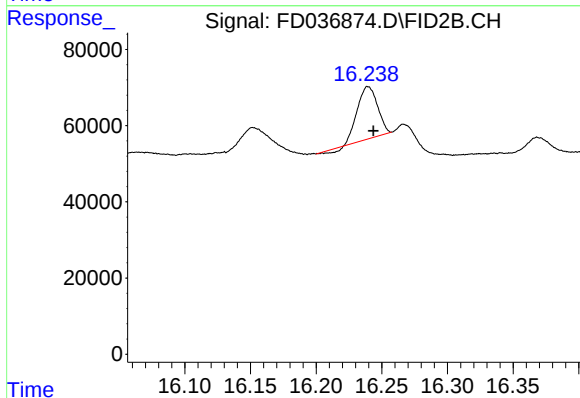
R.T.: 14.691 min
Delta R.T.: -0.007 min
Response: 186572
Conc: 1.57 ug/ml



#15 Chrysene (C27.41)

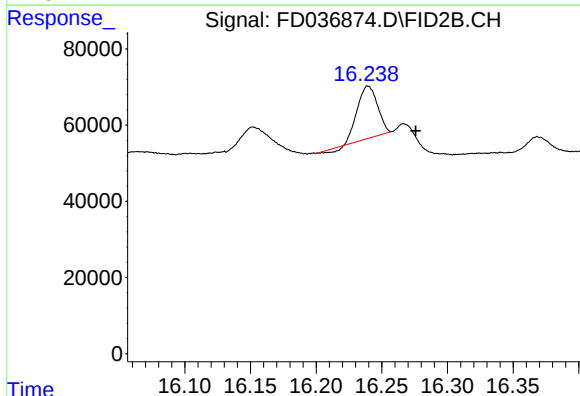
R.T.: 14.732 min
Delta R.T.: -0.009 min
Response: 189364
Conc: 1.57 ug/ml

Instrument :
FID_D
ClientSampleId :



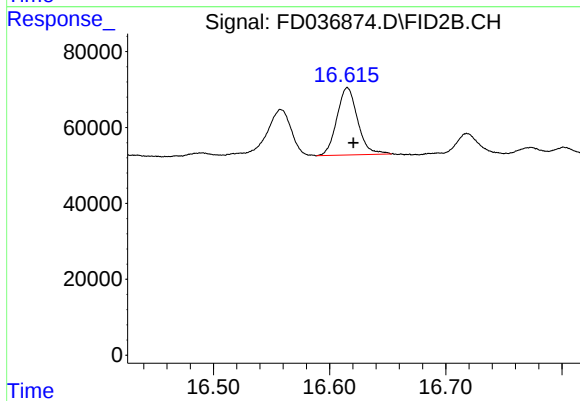
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: -0.004 min
Response: 140948
Conc: 1.28 ug/ml



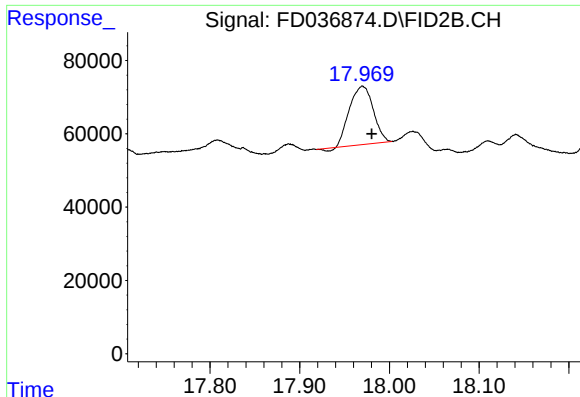
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.240 min
Delta R.T.: -0.036 min
Response: 140948
Conc: 1.33 ug/ml



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

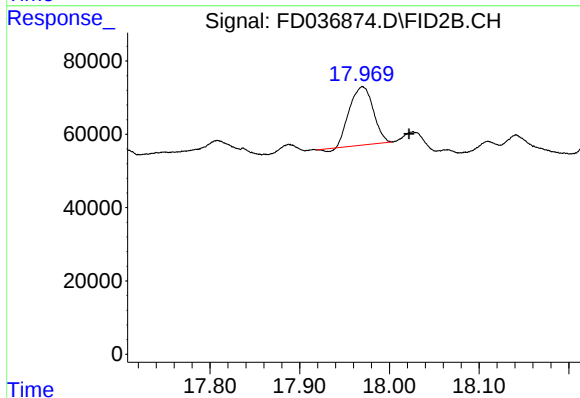
R.T.: 16.615 min
Delta R.T.: -0.005 min
Response: 219897
Conc: 2.21 ug/ml



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

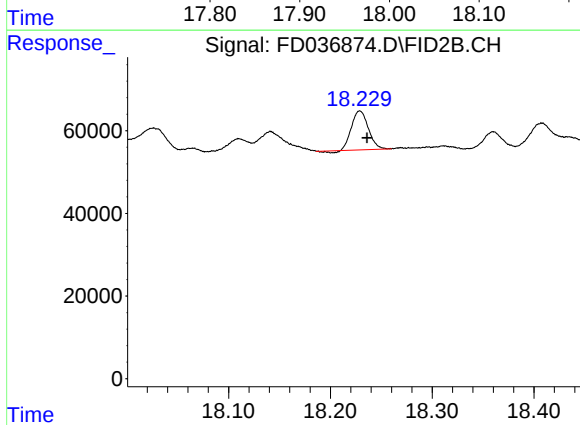
R.T.: 17.970 min
Delta R.T.: -0.010 min
Response: 290617
Conc: 2.89 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.970 min
Delta R.T.: -0.052 min
Response: 290617
Conc: 2.88 ug/ml



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

R.T.: 18.229 min
Delta R.T.: -0.007 min
Response: 106917
Conc: 1.06 ug/ml