

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036406.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 19:07
 Operator : DD\AJ
 Sample : M1555-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 02:14:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.602	5676011	48.154 ug/ml
Spiked Amount 50.000		Recovery =	96.31%
6) S 2-Fluorobiphenyl (SURR)	8.462	3806077	45.734 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.47%
11) S ortho-Terphenyl (SURR)	11.504	5245498	37.233 ug/ml
Spiked Amount 50.000		Recovery =	74.47%
Target Compounds			
9) T Phenanthrene (C19.36)	10.731	58184	0.422 ug/ml
10) T Anthracene (C19.43)	10.756f	46870	0.349 ug/ml
12) T Fluoranthene (C21.85)	12.538	140771	1.014 ug/ml
13) T Pyrene (C20.8)	12.833	124846	0.911 ug/ml
14) T Benzo[a]anthracene (C...	14.701	42812	0.338 ug/ml
15) T Chrysene (C27.41)	14.741	62630	0.484 ug/ml
16) T benzo[b]fluoranthene ...	16.246	45371	0.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	45371	0.385 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	51683	0.469 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.976	166692	1.507 ug/ml
20) T Dibenz[a,h]anthracene...	18.037	83980	0.759 ug/ml

(f)=RT Delta > 1/2 Window

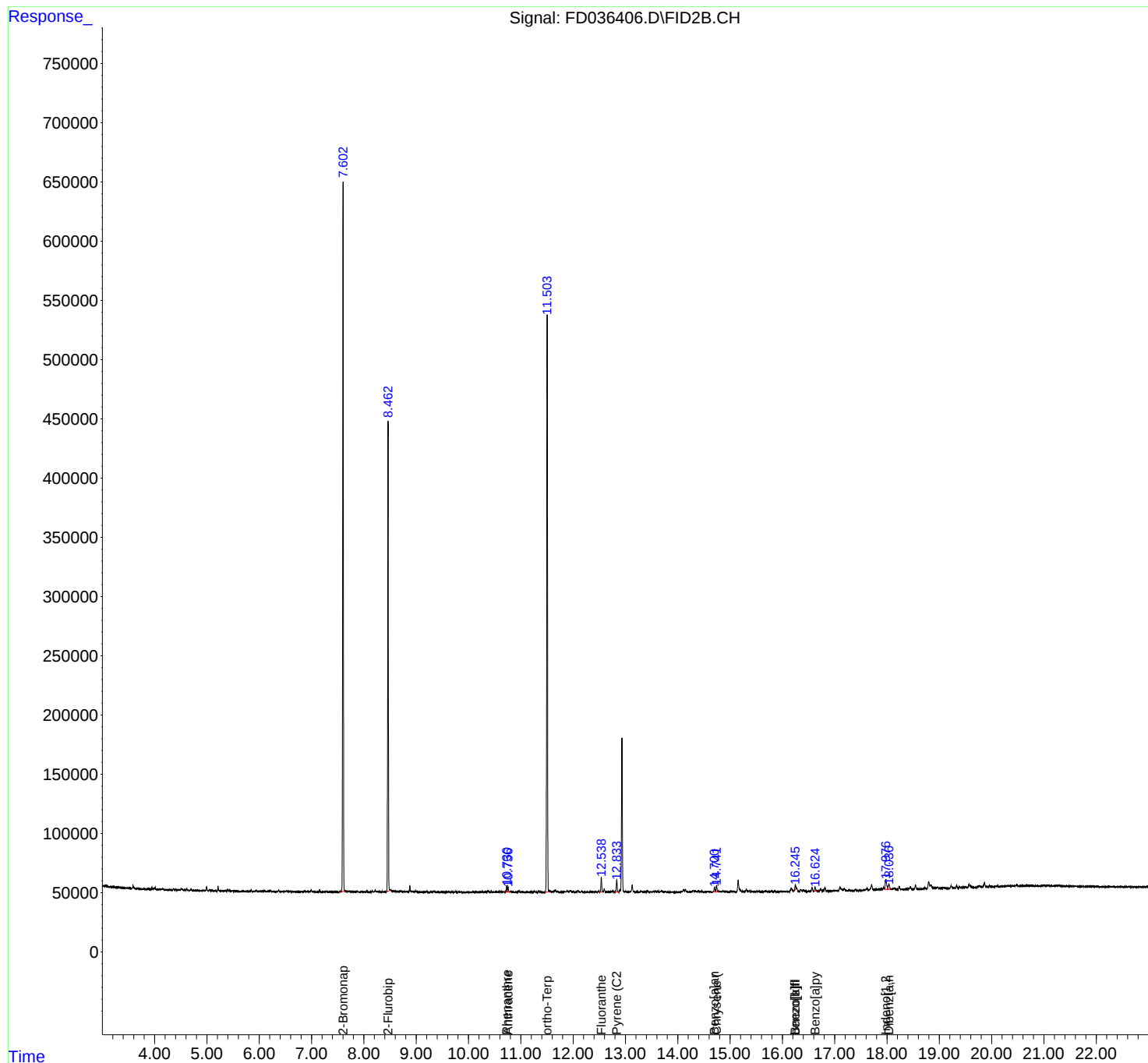
(m)=manual int.

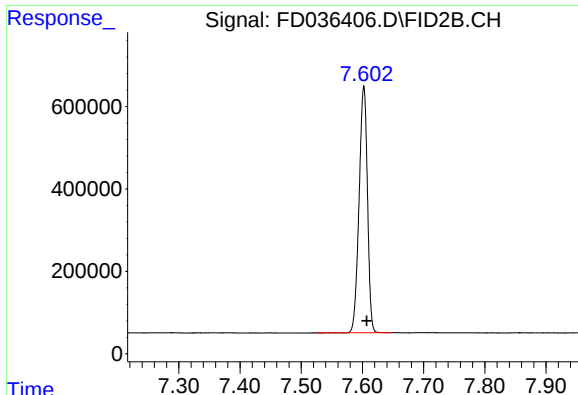
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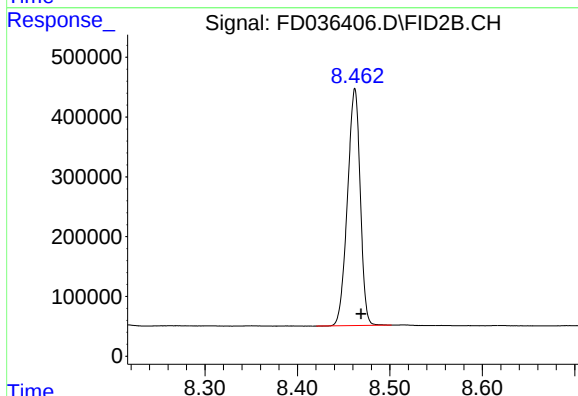




#4 2-Bromonaphthalene (SURRE)

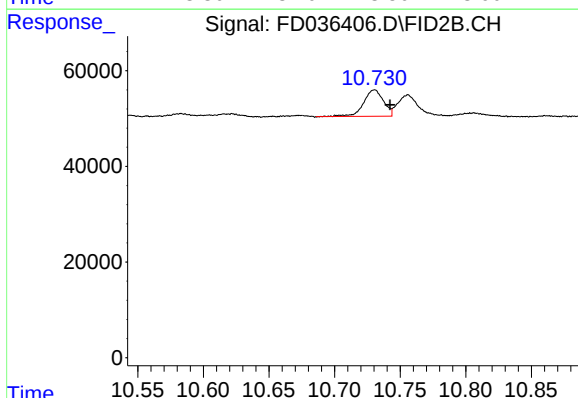
R.T.: 7.602 min
Delta R.T.: -0.005 min
Response: 5676011
Conc: 48.15 ug/ml

Instrument :
FID_D
ClientSampleId :



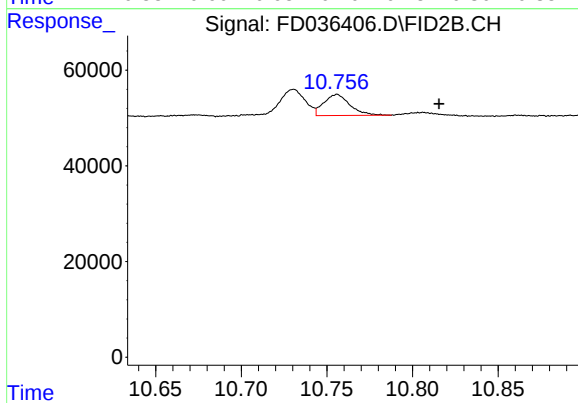
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.462 min
Delta R.T.: -0.007 min
Response: 3806077
Conc: 45.73 ug/ml



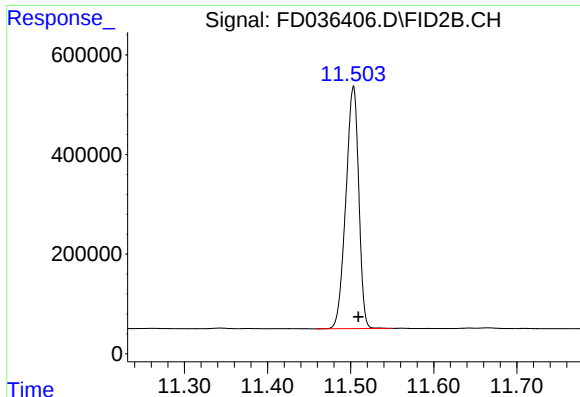
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: -0.012 min
Response: 58184
Conc: 0.42 ug/ml



#10 Anthracene (C19.43)

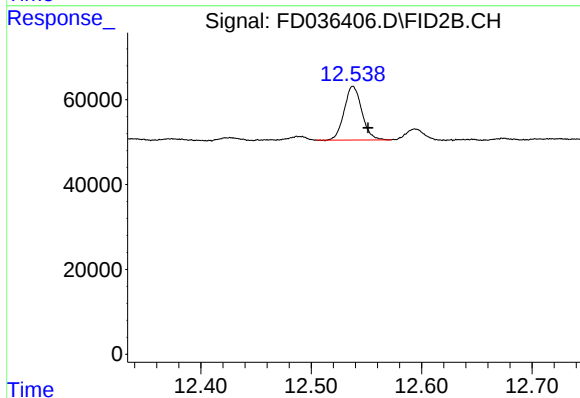
R.T.: 10.756 min
Delta R.T.: -0.059 min
Response: 46870
Conc: 0.35 ug/ml



#11 ortho-Terphenyl (SURR)

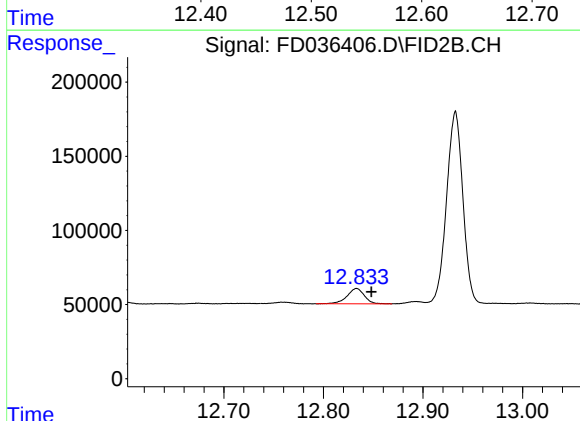
R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 5245498
Conc: 37.23 ug/ml

Instrument :
FID_D
ClientSampleId :



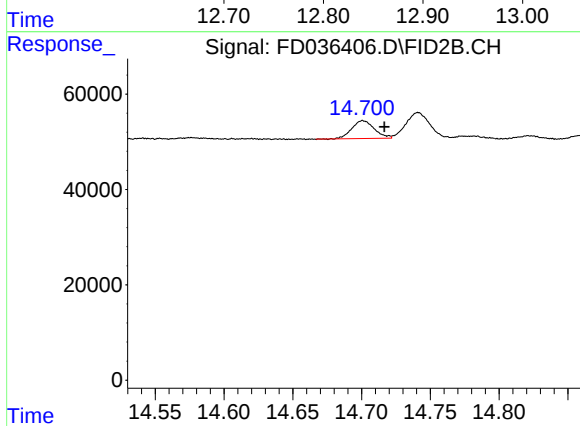
#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: -0.014 min
Response: 140771
Conc: 1.01 ug/ml



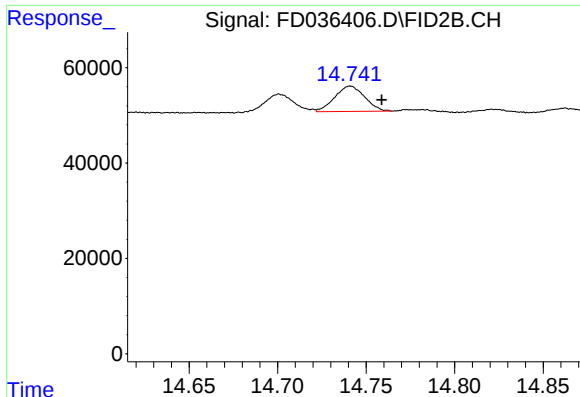
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 124846
Conc: 0.91 ug/ml



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

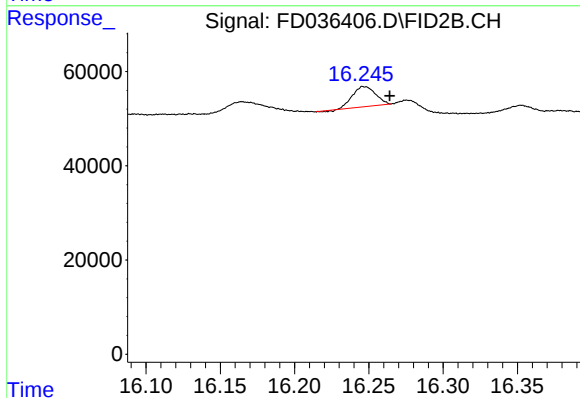
R.T.: 14.701 min
Delta R.T.: -0.016 min
Response: 42812
Conc: 0.34 ug/ml



#15 Chrysene (C27.41)

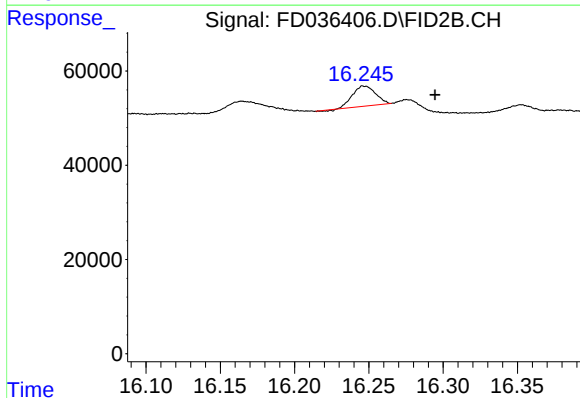
R.T.: 14.741 min
Delta R.T.: -0.018 min
Response: 62630
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



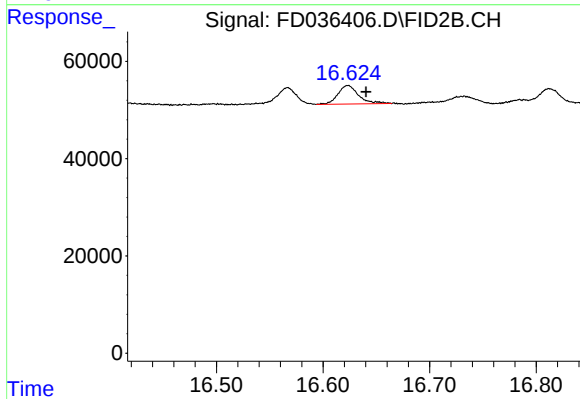
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.246 min
Delta R.T.: -0.018 min
Response: 45371
Conc: 0.37 ug/ml



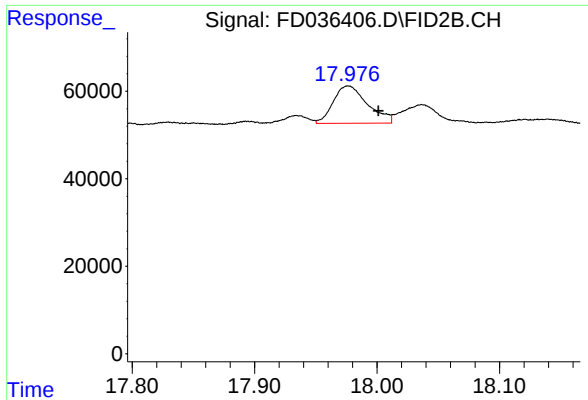
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.246 min
Delta R.T.: -0.048 min
Response: 45371
Conc: 0.39 ug/ml



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

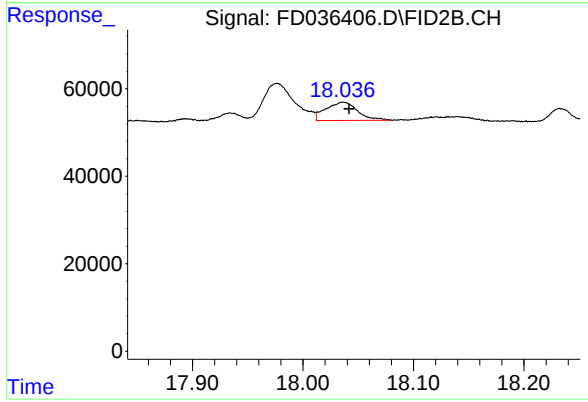
R.T.: 16.624 min
Delta R.T.: -0.017 min
Response: 51683
Conc: 0.47 ug/ml



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

R.T.: 17.976 min
Delta R.T.: -0.025 min
Response: 166692
Conc: 1.51 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.037 min
Delta R.T.: -0.005 min
Response: 83980
Conc: 0.76 ug/ml