

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036405.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 18:31
 Operator : DD\AJ
 Sample : M1555-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 02:14:44 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	5384646	45.682 ug/ml
Spiked Amount 50.000		Recovery =	91.36%
6) S 2-Fluorobiphenyl (SURR)	8.462	3600617	43.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.53%
11) S ortho-Terphenyl (SURR)	11.503	5012945	35.582 ug/ml
Spiked Amount 50.000		Recovery =	71.16%
Target Compounds			
9) T Phenanthrene (C19.36)	10.730	78132	0.567 ug/ml
12) T Fluoranthene (C21.85)	12.537	280474	2.020 ug/ml
13) T Pyrene (C20.8)	12.834	214784	1.567 ug/ml
14) T Benzo[a]anthracene (C...	14.701	88335	0.698 ug/ml
15) T Chrysene (C27.41)	14.741	118751	0.917 ug/ml
16) T benzo[b]fluoranthene ...	16.275	57859	0.475 ug/ml
17) T Bnezo[k]fluoranthene ...	16.275	57859	0.491 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	97558	0.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	168225	1.520 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	77098	0.697 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	76664	0.693 ug/ml

(f)=RT Delta > 1/2 Window

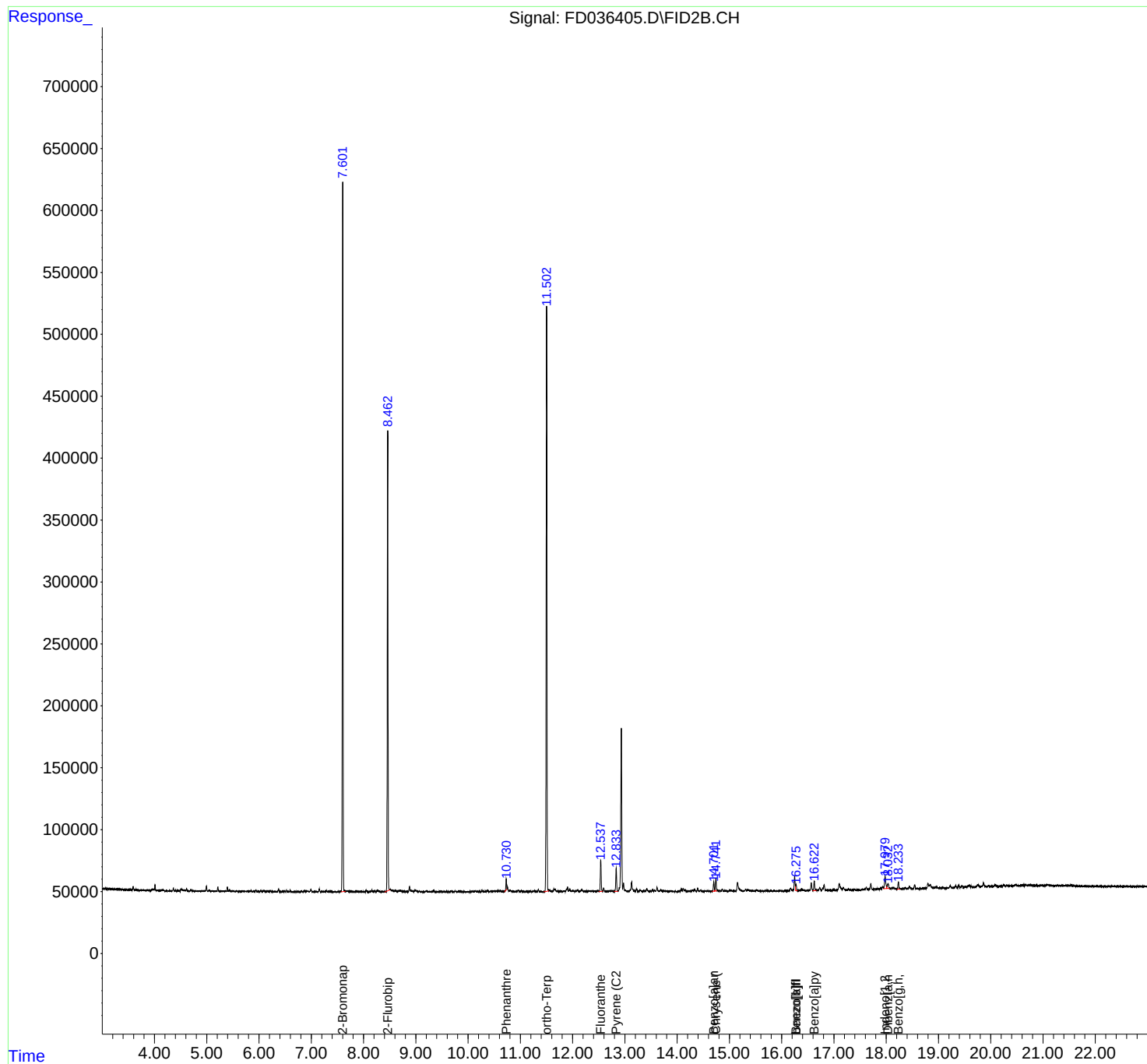
(m)=manual int.

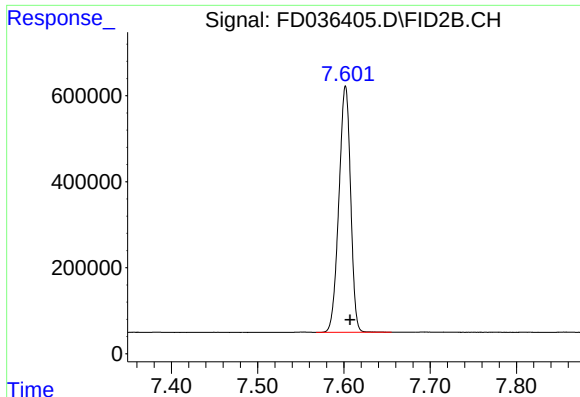
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Signal Info : 20M x 0.18mm x 0.18µm

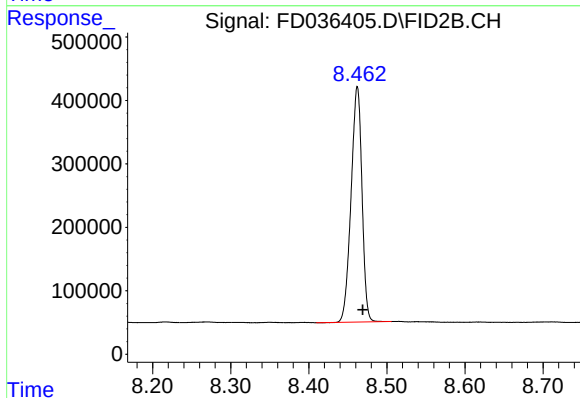




#4 2-Bromonaphthalene (SURRE)

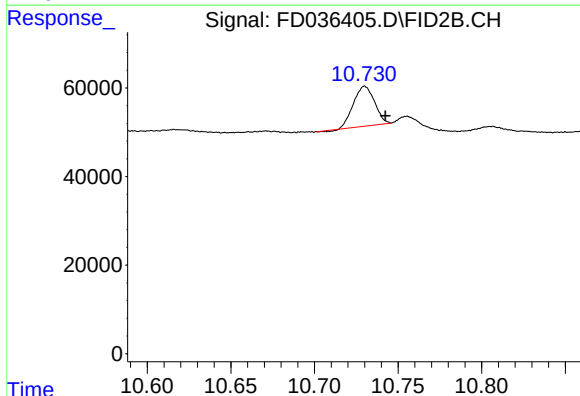
R.T.: 7.602 min
Delta R.T.: -0.005 min
Response: 5384646
Conc: 45.68 ug/ml

Instrument :
FID_D
ClientSampleId :



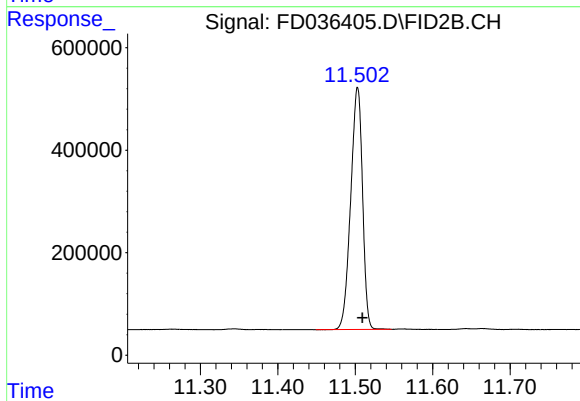
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.462 min
Delta R.T.: -0.007 min
Response: 3600617
Conc: 43.27 ug/ml



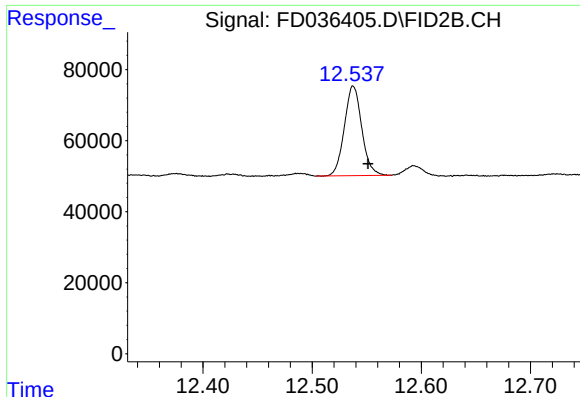
#9 Phenanthrene (C19.36)

R.T.: 10.730 min
Delta R.T.: -0.012 min
Response: 78132
Conc: 0.57 ug/ml



#11 ortho-Terphenyl (SURRE)

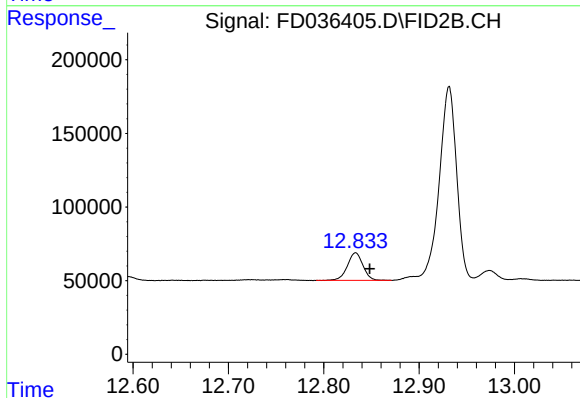
R.T.: 11.503 min
Delta R.T.: -0.006 min
Response: 5012945
Conc: 35.58 ug/ml



#12 Fluoranthene (C21.85)

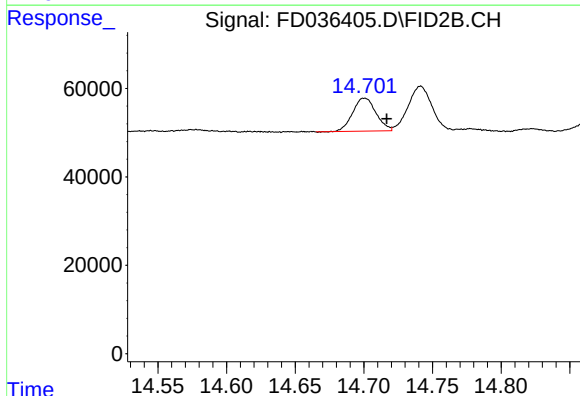
R.T.: 12.537 min
Delta R.T.: -0.014 min
Response: 280474
Conc: 2.02 ug/ml

Instrument :
FID_D
ClientSampleId :



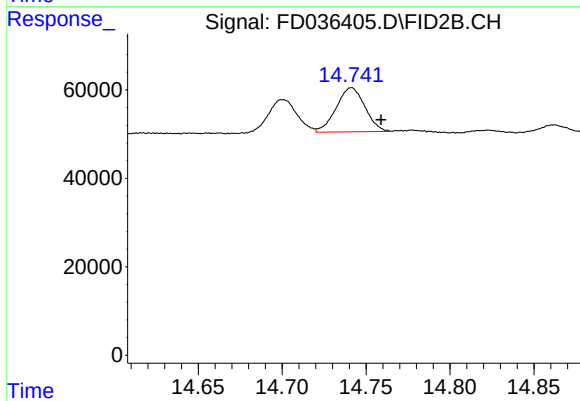
#13 Pyrene (C20.8)

R.T.: 12.834 min
Delta R.T.: -0.015 min
Response: 214784
Conc: 1.57 ug/ml



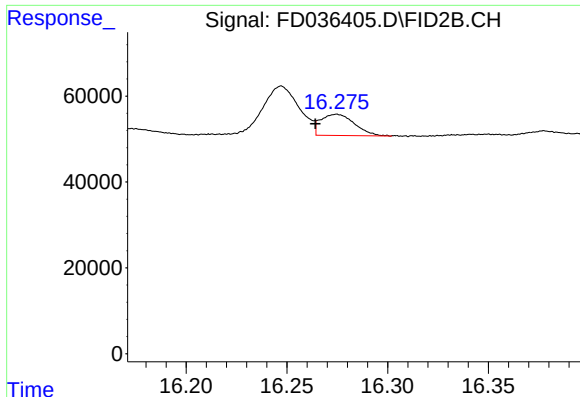
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: -0.016 min
Response: 88335
Conc: 0.70 ug/ml



#15 Chrysene (C27.41)

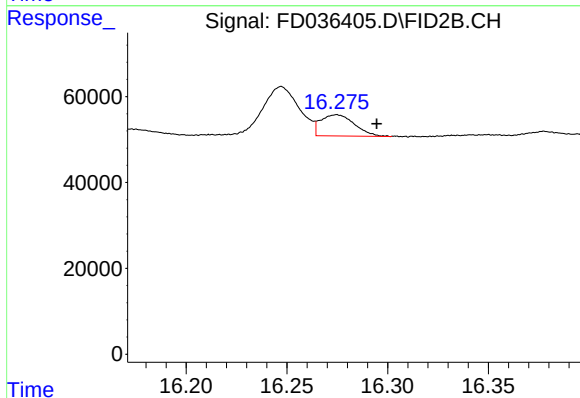
R.T.: 14.741 min
Delta R.T.: -0.017 min
Response: 118751
Conc: 0.92 ug/ml



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

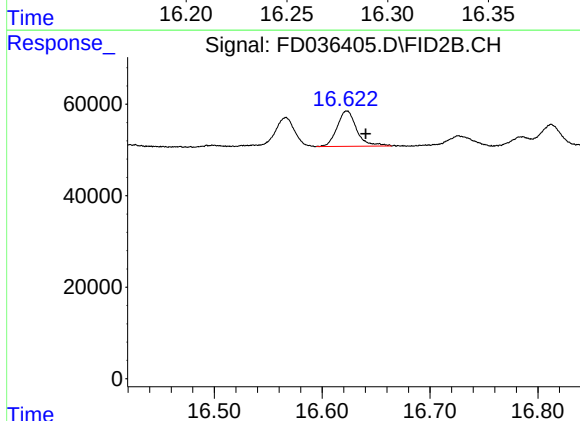
R.T.: 16.275 min
Delta R.T.: 0.011 min
Response: 57859
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



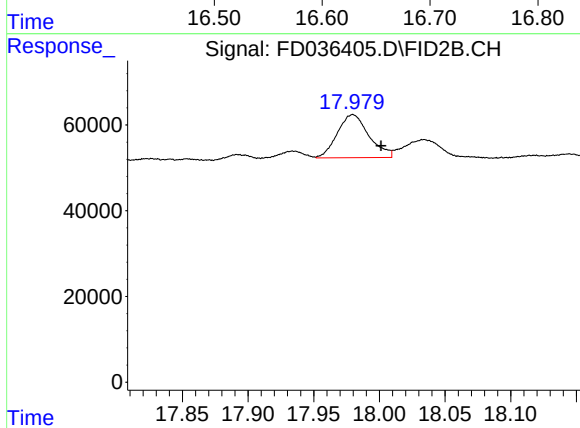
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.275 min
Delta R.T.: -0.020 min
Response: 57859
Conc: 0.49 ug/ml



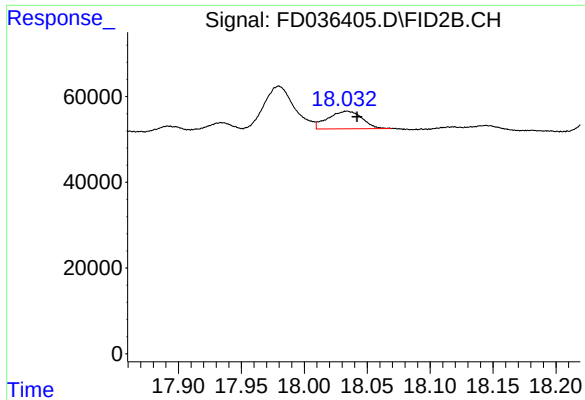
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: -0.017 min
Response: 97558
Conc: 0.88 ug/ml



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

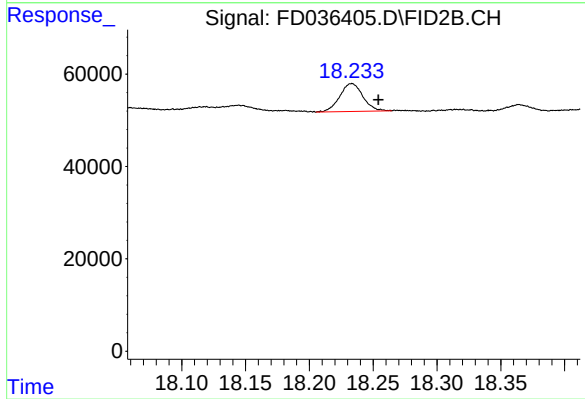
R.T.: 17.980 min
Delta R.T.: -0.021 min
Response: 168225
Conc: 1.52 ug/ml



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

R.T.: 18.034 min
Delta R.T.: -0.008 min
Response: 77098
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.233 min
Delta R.T.: -0.021 min
Response: 76664
Conc: 0.69 ug/ml