

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036407.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 19:43
 Operator : DD\AJ
 Sample : M1555-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 02:15:06 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...	7.603	6725795	57.061 ug/ml
Spiked Amount 50.000		Recovery =	114.12%
6) S 2-Fluorobiphenyl (SURR)	8.464	4524187	54.363 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.73%
11) S ortho-Terphenyl (SURR)	11.504	6549857	46.491 ug/ml
Spiked Amount 50.000		Recovery =	92.98%
Target Compounds			
9) T Phenanthrene (C19.36)	10.729	365508	2.653 ug/ml
10) T Anthracene (C19.43)	10.757f	99674	0.742 ug/ml
12) T Fluoranthene (C21.85)	12.539	1022259	7.361 ug/ml
13) T Pyrene (C20.8)	12.834	741542	5.409 ug/ml
14) T Benzo[a]anthracene (C...	14.701	320102	2.531 ug/ml
15) T Chrysene (C27.41)	14.742	425245	3.284 ug/ml
16) T benzo[b]fluoranthene ...	16.276	191632	1.575 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	191632	1.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	339802	3.081 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	500493	4.524 ug/ml
20) T Dibenz[a,h]anthracene...	18.036	175102	1.582 ug/ml
21) T Benzo[g,h,i]perylene ...	18.235	241709	2.186 ug/ml

(f)=RT Delta > 1/2 Window

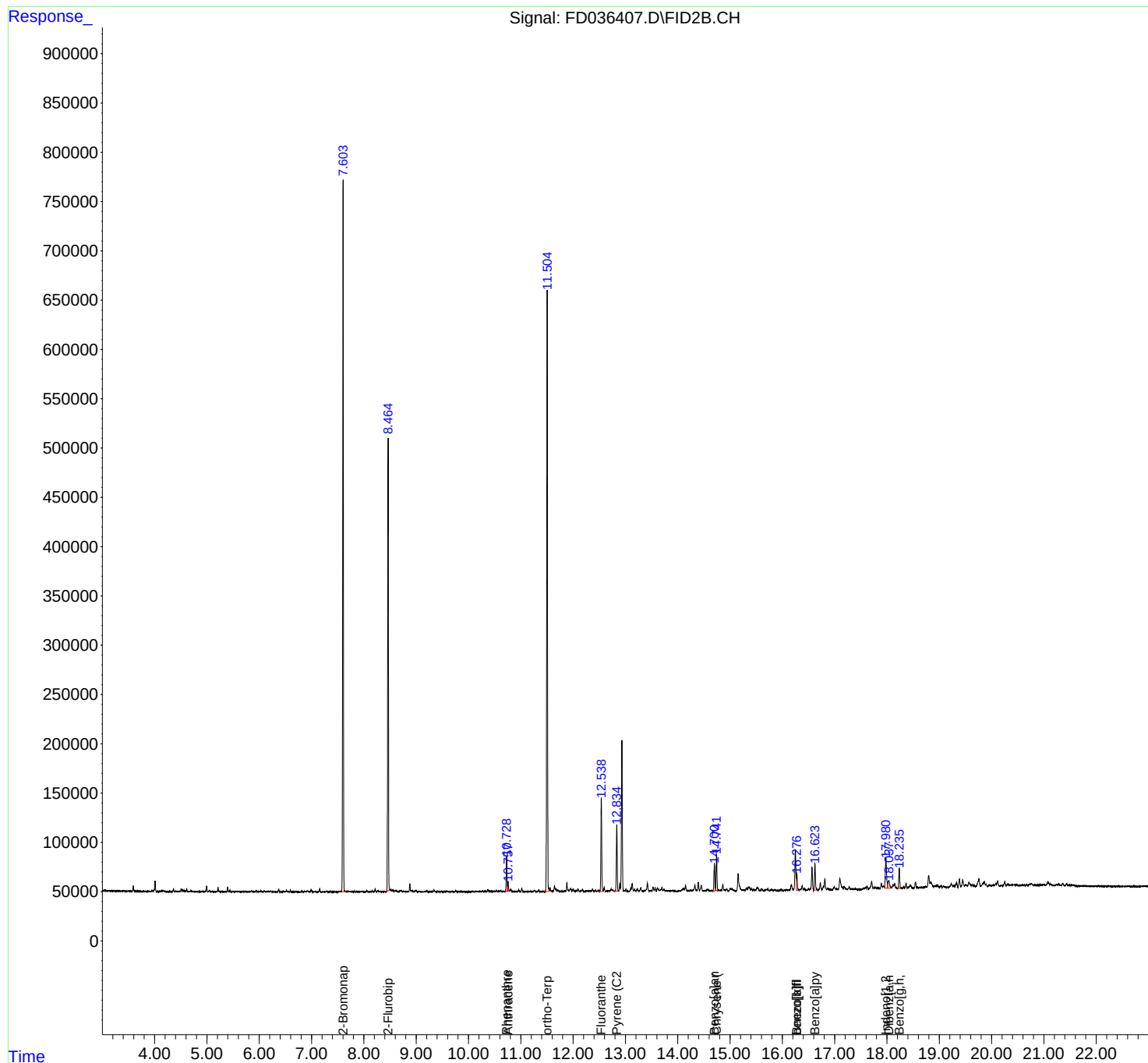
(m)=manual int.

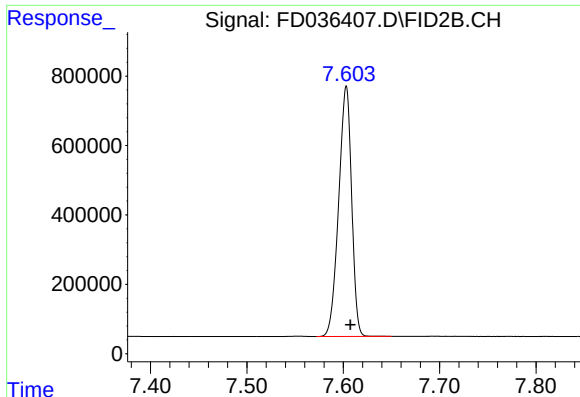
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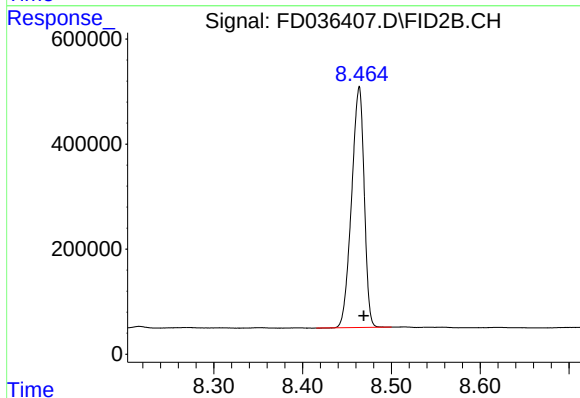




#4 2-Bromonaphthalene (SURRE)

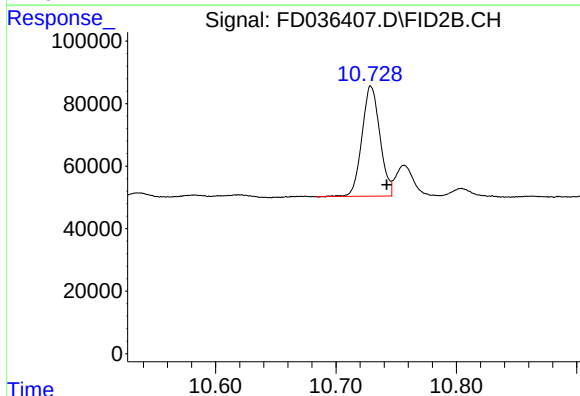
R.T.: 7.603 min
Delta R.T.: -0.004 min
Response: 6725795
Conc: 57.06 ug/ml

Instrument :
FID_D
ClientSampleId :



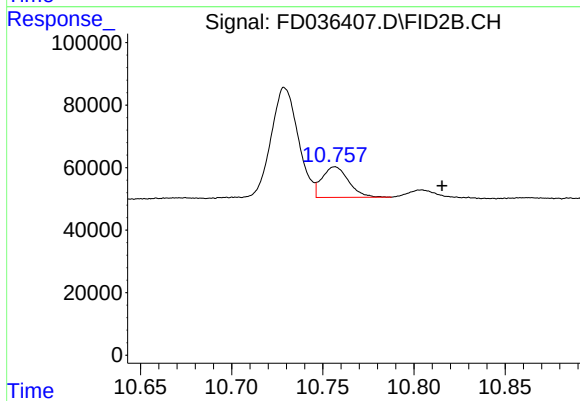
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 4524187
Conc: 54.36 ug/ml



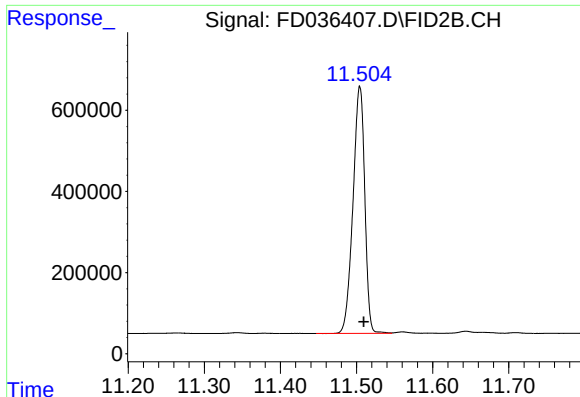
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.013 min
Response: 365508
Conc: 2.65 ug/ml



#10 Anthracene (C19.43)

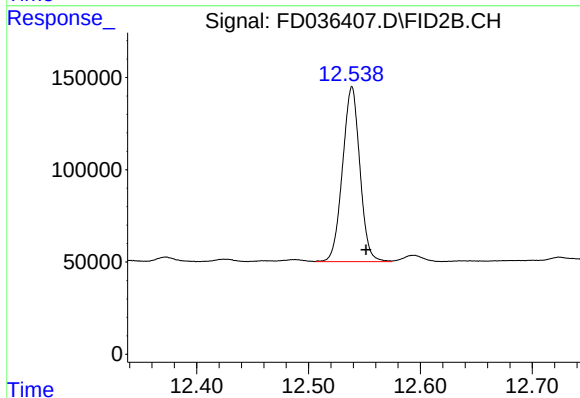
R.T.: 10.757 min
Delta R.T.: -0.059 min
Response: 99674
Conc: 0.74 ug/ml



#11 ortho-Terphenyl (SURR)

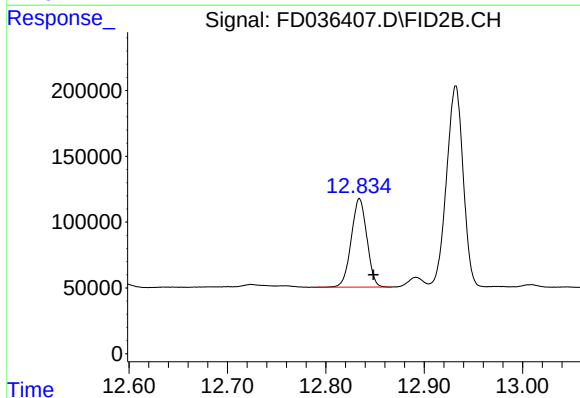
R.T.: 11.504 min
Delta R.T.: -0.005 min
Response: 6549857
Conc: 46.49 ug/ml

Instrument :
FID_D
ClientSampleId :



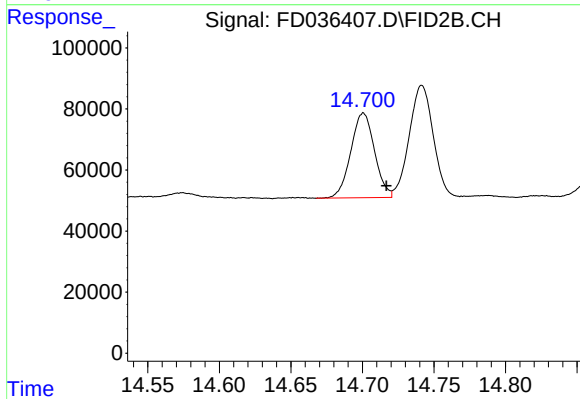
#12 Fluoranthene (C21.85)

R.T.: 12.539 min
Delta R.T.: -0.012 min
Response: 1022259
Conc: 7.36 ug/ml



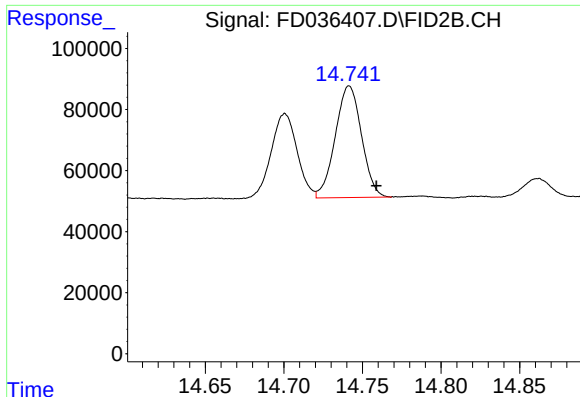
#13 Pyrene (C20.8)

R.T.: 12.834 min
Delta R.T.: -0.014 min
Response: 741542
Conc: 5.41 ug/ml



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

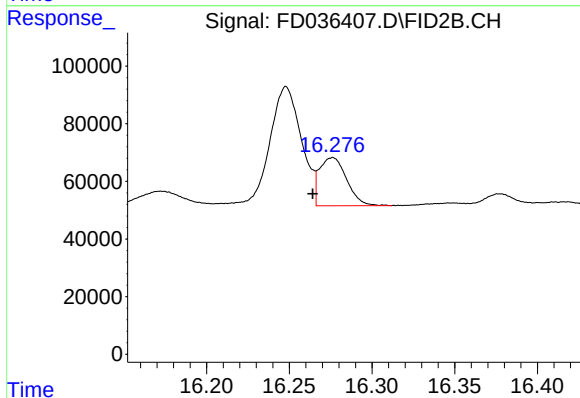
R.T.: 14.701 min
Delta R.T.: -0.016 min
Response: 320102
Conc: 2.53 ug/ml



#15 Chrysene (C27.41)

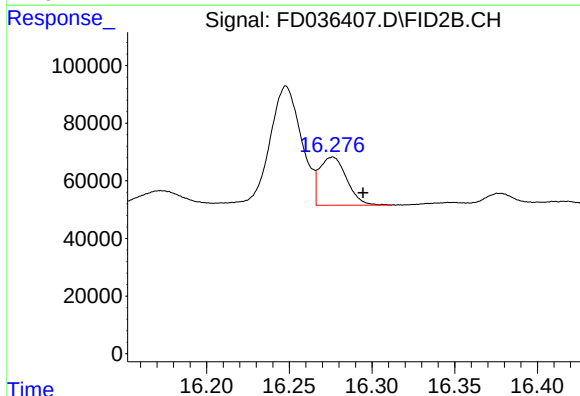
R.T.: 14.742 min
Delta R.T.: -0.017 min
Response: 425245
Conc: 3.28 ug/ml

Instrument :
FID_D
ClientSampleId :



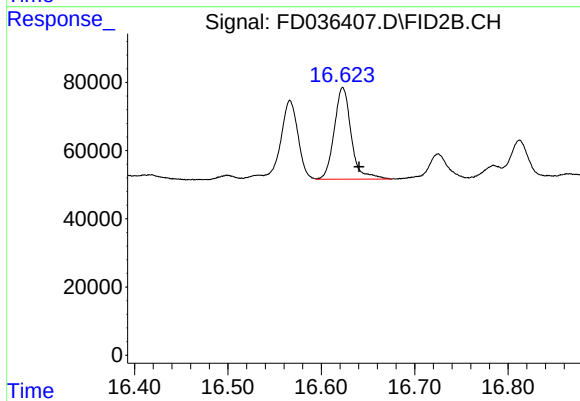
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.276 min
Delta R.T.: 0.012 min
Response: 191632
Conc: 1.57 ug/ml



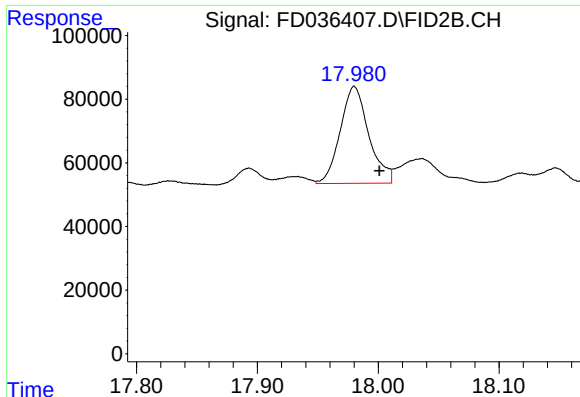
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: -0.018 min
Response: 191632
Conc: 1.63 ug/ml



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

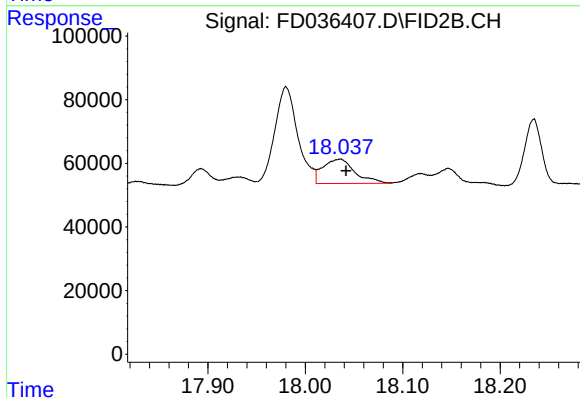
R.T.: 16.623 min
Delta R.T.: -0.017 min
Response: 339802
Conc: 3.08 ug/ml



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

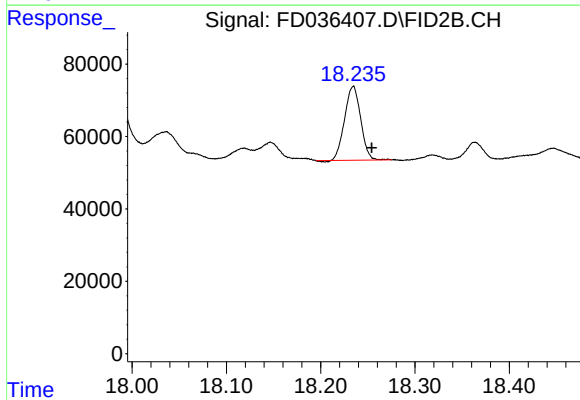
R.T.: 17.980 min
Delta R.T.: -0.021 min
Response: 500493
Conc: 4.52 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.036 min
Delta R.T.: -0.006 min
Response: 175102
Conc: 1.58 ug/ml



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

R.T.: 18.235 min
Delta R.T.: -0.020 min
Response: 241709
Conc: 2.19 ug/ml