

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036867.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 13:08
 Operator : DD\AJ
 Sample : M1998-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 02:47:14 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...	7.588	4935274	35.091 ug/ml
Spiked Amount 50.000		Recovery =	70.18%
6) S 2-Fluorobiphenyl (SURR)	8.449	3008928	32.055 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.11%
11) S ortho-Terphenyl (SURR)	11.489	3544114	23.205 ug/ml
Spiked Amount 50.000		Recovery =	46.41%
Target Compounds			
2) T Naphthalene (C11.7)	5.925	58664	0.373 ug/ml
9) T Phenanthrene (C19.36)	10.718	179198	1.223 ug/ml
10) T Anthracene (C19.43)	10.793	98254	0.679 ug/ml
12) T Fluoranthene (C21.85)	12.527	327266	2.331 ug/ml
13) T Pyrene (C20.8)	12.823	308121	2.246 ug/ml
14) T Benzo[a]anthracene (C...	14.691	154162	1.298 ug/ml
15) T Chrysene (C27.41)	14.731	177274	1.466 ug/ml
16) T benzo[b]fluoranthene ...	16.240	131684	1.200 ug/ml
17) T Bnezo[k]fluoranthene ...	16.240	131684	1.239 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.615	199235	1.999 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.966	308894	3.073 ug/ml
20) T Dibenz[a,h]anthracene...	17.966f	308894	3.063 ug/ml
21) T Benzo[g,h,i]perylene ...	18.227	105282	1.039 ug/ml

(f)=RT Delta > 1/2 Window

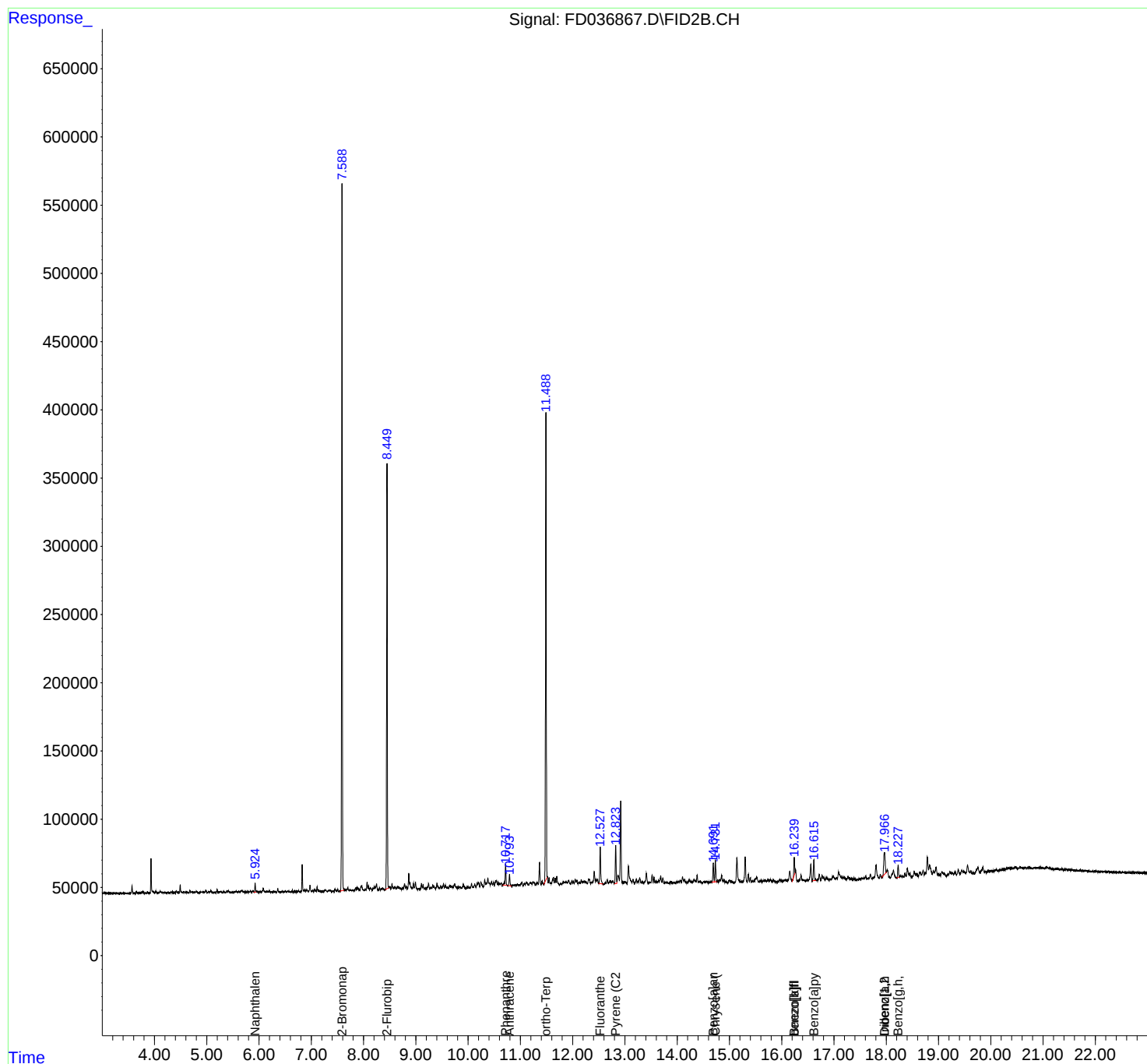
(m)=manual int.

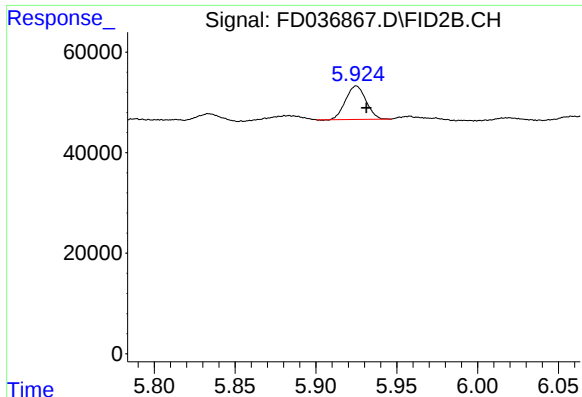
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

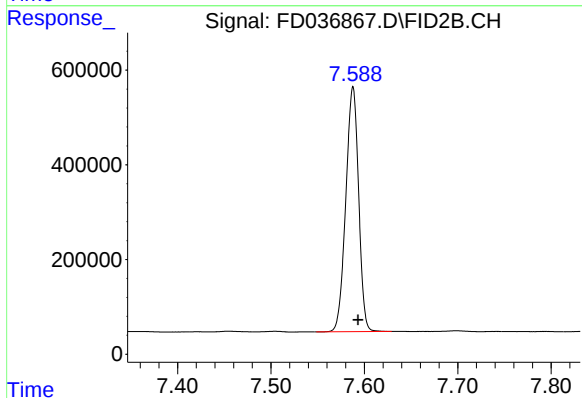




#2 Naphthalene (C11.7)

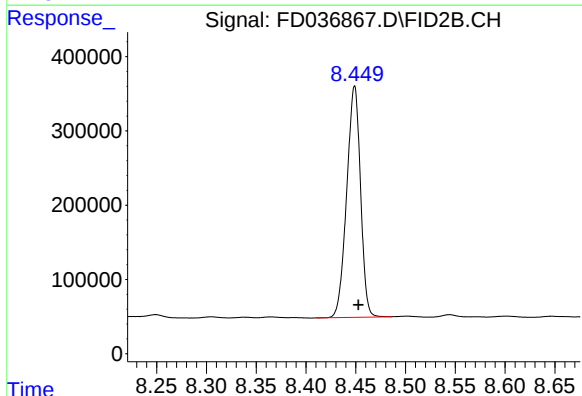
R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 58664
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



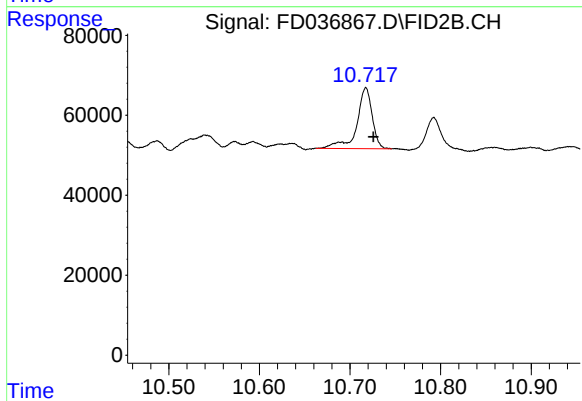
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 4935274
Conc: 35.09 ug/ml



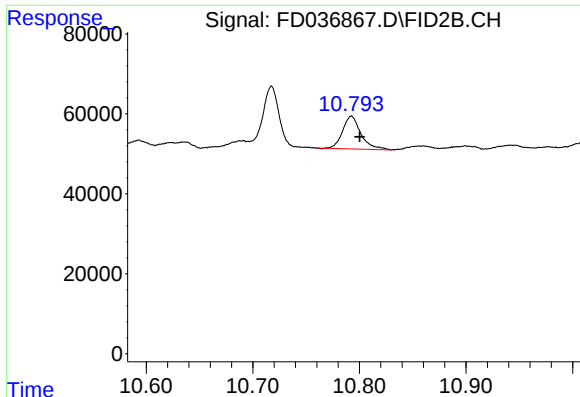
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 3008928
Conc: 32.05 ug/ml



#9 Phenanthrene (C19.36)

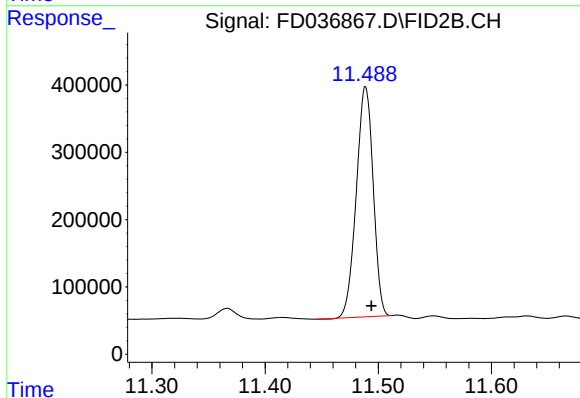
R.T.: 10.718 min
Delta R.T.: -0.008 min
Response: 179198
Conc: 1.22 ug/ml



#10 Anthracene (C19.43)

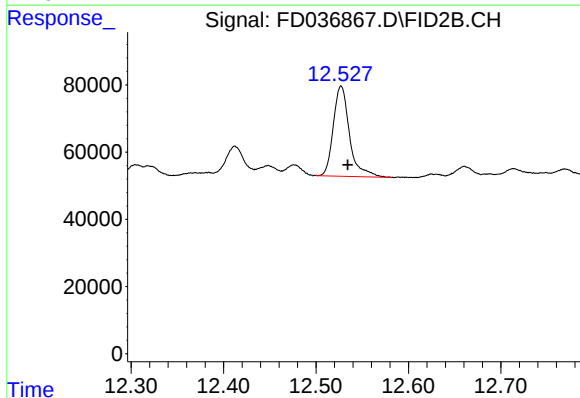
R.T.: 10.793 min
Delta R.T.: -0.008 min
Response: 98254
Conc: 0.68 ug/ml

Instrument :
FID_D
ClientSampleId :



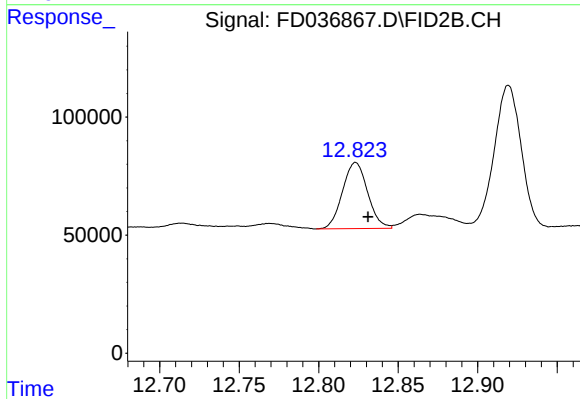
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 3544114
Conc: 23.21 ug/ml



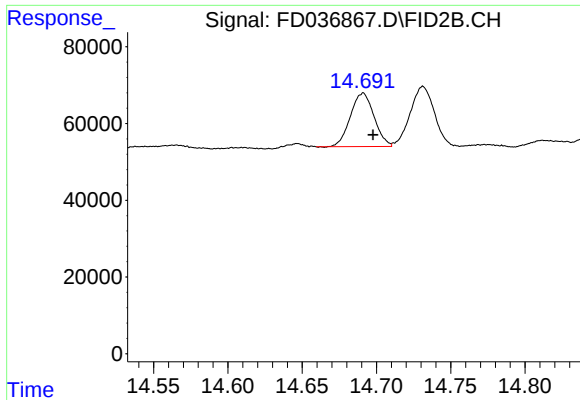
#12 Fluoranthene (C21.85)

R.T.: 12.527 min
Delta R.T.: -0.007 min
Response: 327266
Conc: 2.33 ug/ml



#13 Pyrene (C20.8)

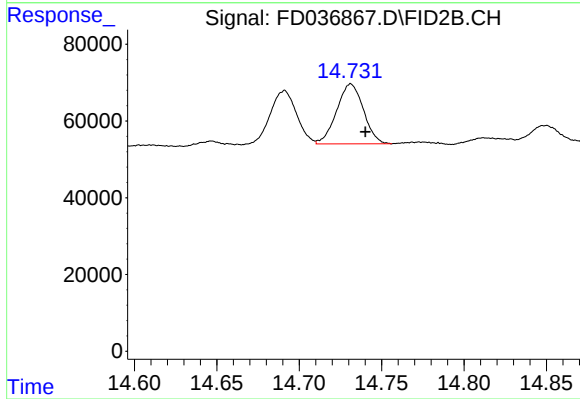
R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 308121
Conc: 2.25 ug/ml



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

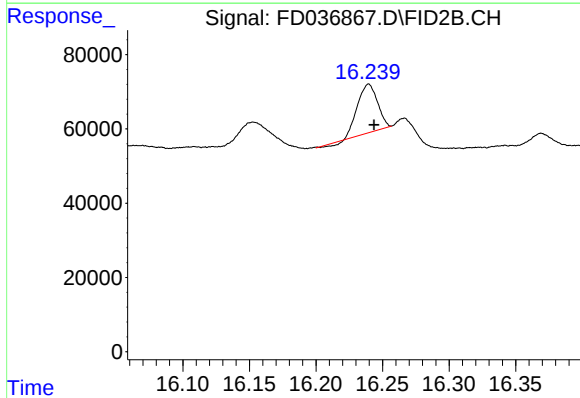
R.T.: 14.691 min
Delta R.T.: -0.007 min
Response: 154162
Conc: 1.30 ug/ml

Instrument :
FID_D
ClientSampleId :



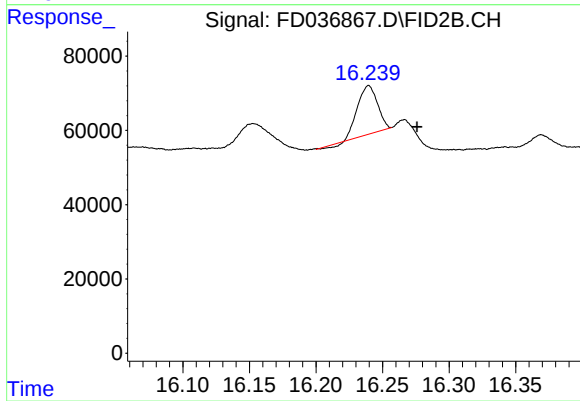
#15 Chrysene (C27.41)

R.T.: 14.731 min
Delta R.T.: -0.009 min
Response: 177274
Conc: 1.47 ug/ml



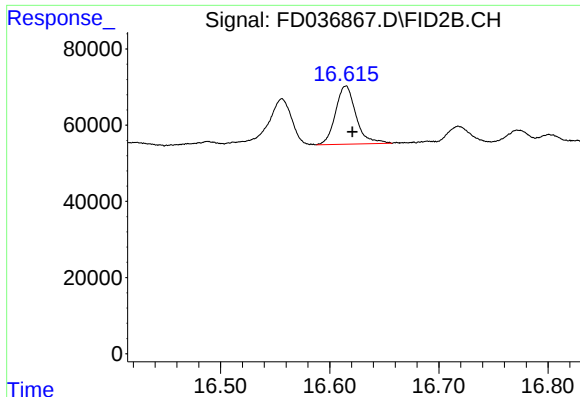
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: -0.004 min
Response: 131684
Conc: 1.20 ug/ml



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

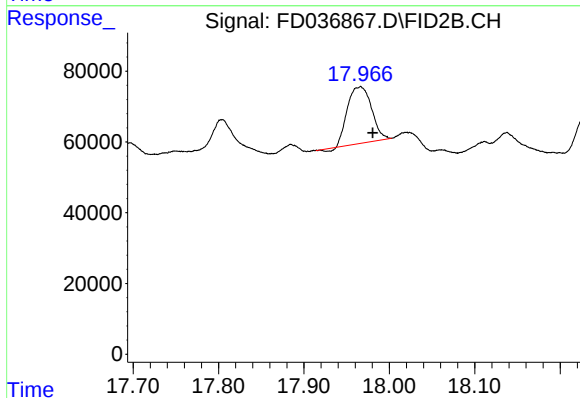
R.T.: 16.240 min
Delta R.T.: -0.036 min
Response: 131684
Conc: 1.24 ug/ml



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

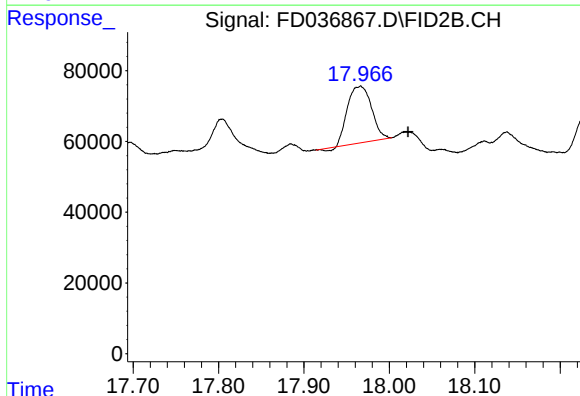
R.T.: 16.615 min
Delta R.T.: -0.006 min
Response: 199235
Conc: 2.00 ug/ml

Instrument :
FID_D
ClientSampleId :



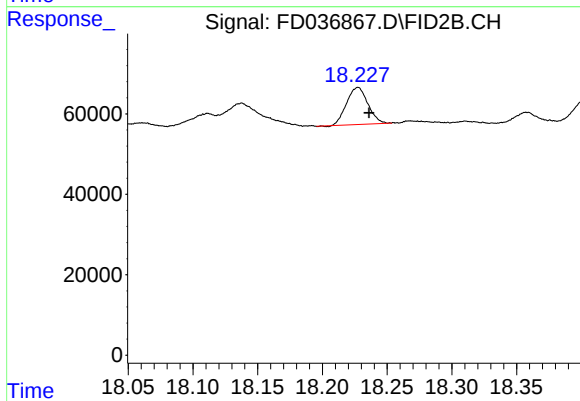
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.966 min
Delta R.T.: -0.014 min
Response: 308894
Conc: 3.07 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.055 min
Response: 308894
Conc: 3.06 ug/ml



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

R.T.: 18.227 min
Delta R.T.: -0.009 min
Response: 105282
Conc: 1.04 ug/ml