

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050621AR\
 Data File : FD037377.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2021 12:39
 Operator : DD\AJ
 Sample : M2279-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 07 05:39:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.570	5039019	42.618 ug/ml
Spiked Amount 50.000		Recovery =	85.24%
6) S 2-Fluorobiphenyl (SURR)	8.432	3009805	39.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.01%
11) S ortho-Terphenyl (SURR)	11.473	4294946	34.772 ug/ml
Spiked Amount 50.000		Recovery =	69.54%
Target Compounds			
9) T Phenanthrene (C19.36)	10.702	388766	3.298 ug/ml
10) T Anthracene (C19.43)	10.776	171220	1.486 ug/ml
12) T Fluoranthene (C21.85)	12.514	587495	5.037 ug/ml
13) T Pyrene (C20.8)	12.810	595458	5.172 ug/ml
14) T Benzo[a]anthracene (C...	14.681	284920	2.589 ug/ml
15) T Chrysene (C27.41)	14.720	305484	2.699 ug/ml
16) T benzo[b]fluoranthene ...	16.232	473612	4.222 ug/ml
17) T Bnezo[k]fluoranthene ...	16.254	217524	2.020 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.607	352273	3.404 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.949	1437131	13.510 ug/ml
20) T Dibenz[a,h]anthracene...	18.017	443026	4.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.225	193307	1.810 ug/ml

(f)=RT Delta > 1/2 Window

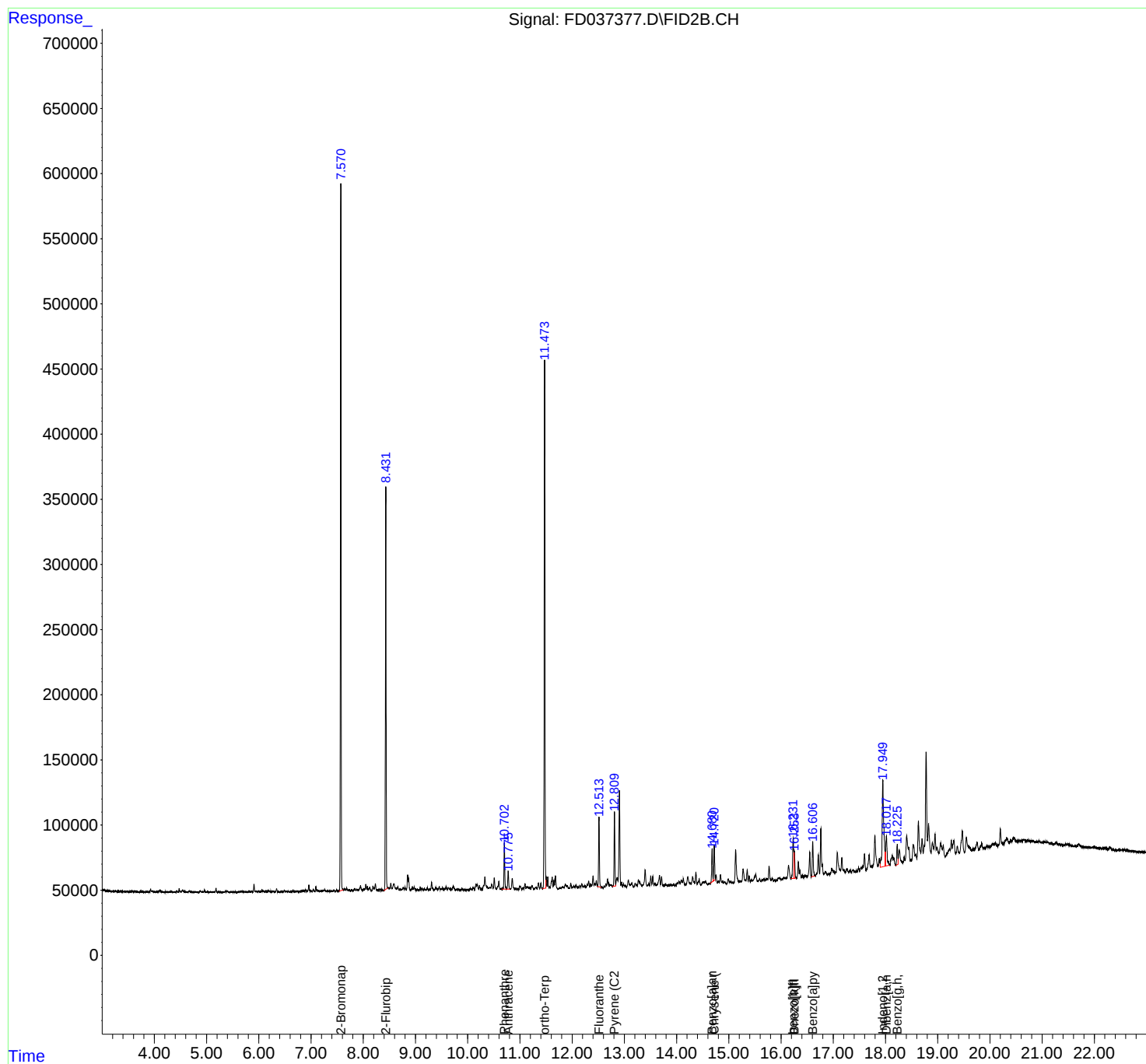
(m)=manual int.

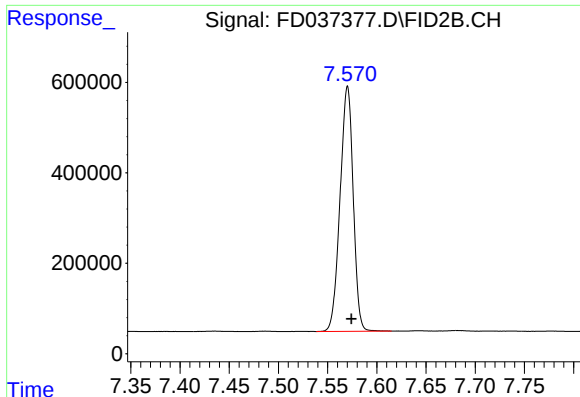
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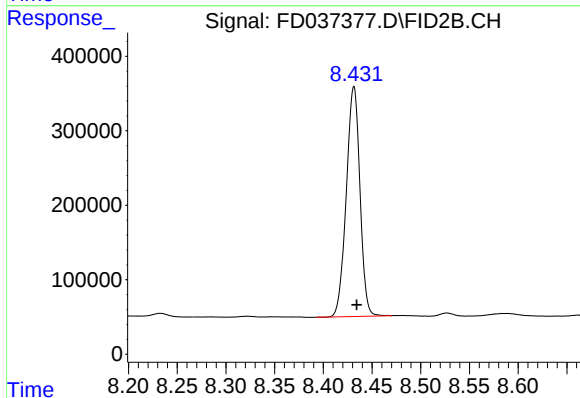




#4 2-Bromonaphthalene (SURRE)

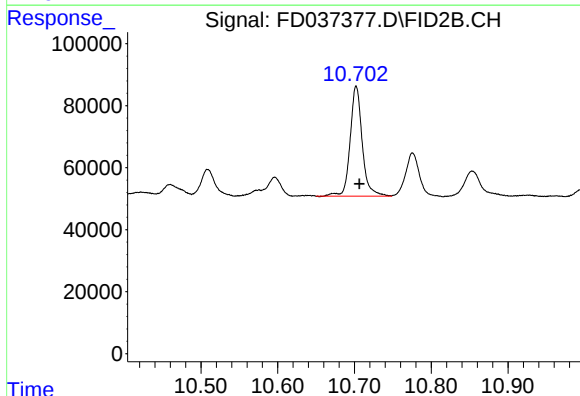
R.T.: 7.570 min
Delta R.T.: -0.004 min
Response: 5039019
Conc: 42.62 ug/ml

Instrument :
FID_D
ClientSampleId :



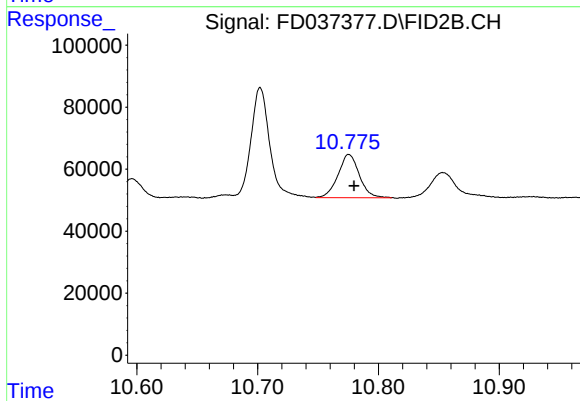
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.432 min
Delta R.T.: -0.003 min
Response: 3009805
Conc: 39.01 ug/ml



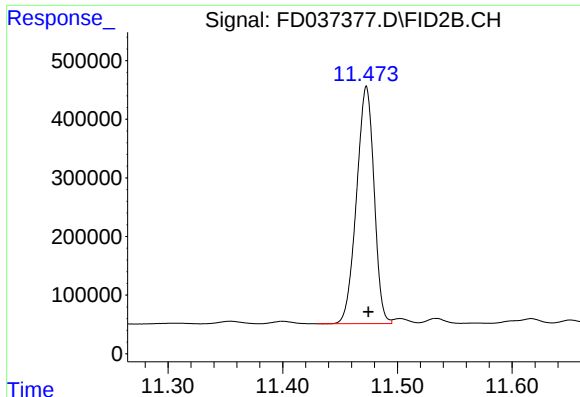
#9 Phenanthrene (C19.36)

R.T.: 10.702 min
Delta R.T.: -0.004 min
Response: 388766
Conc: 3.30 ug/ml



#10 Anthracene (C19.43)

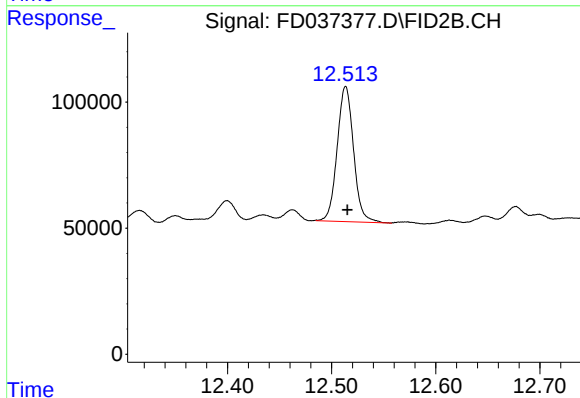
R.T.: 10.776 min
Delta R.T.: -0.004 min
Response: 171220
Conc: 1.49 ug/ml



#11 ortho-Terphenyl (SURR)

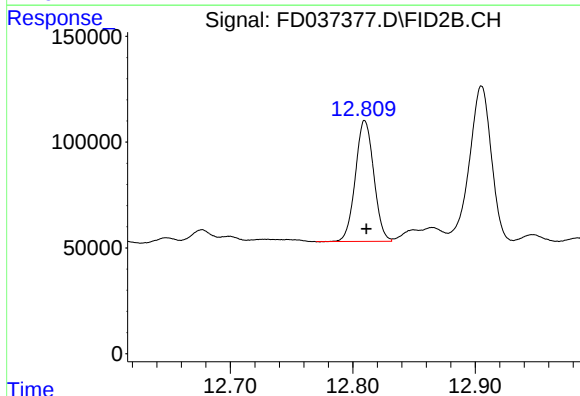
R.T.: 11.473 min
Delta R.T.: -0.002 min
Response: 4294946
Conc: 34.77 ug/ml

Instrument :
FID_D
ClientSampleId :



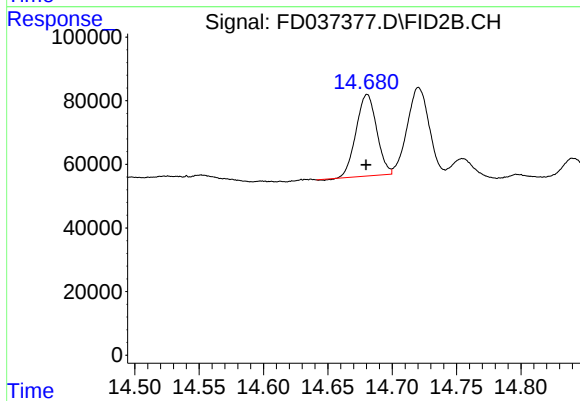
#12 Fluoranthene (C21.85)

R.T.: 12.514 min
Delta R.T.: -0.002 min
Response: 587495
Conc: 5.04 ug/ml



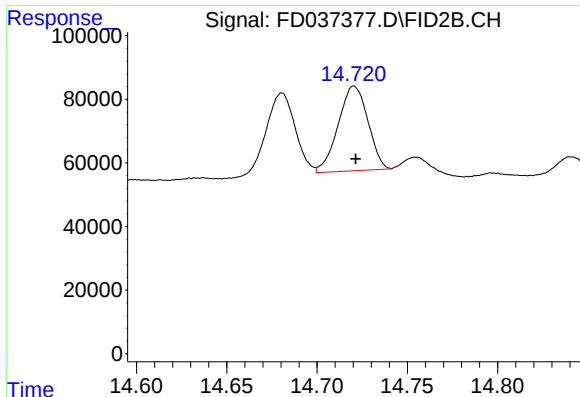
#13 Pyrene (C20.8)

R.T.: 12.810 min
Delta R.T.: -0.001 min
Response: 595458
Conc: 5.17 ug/ml



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

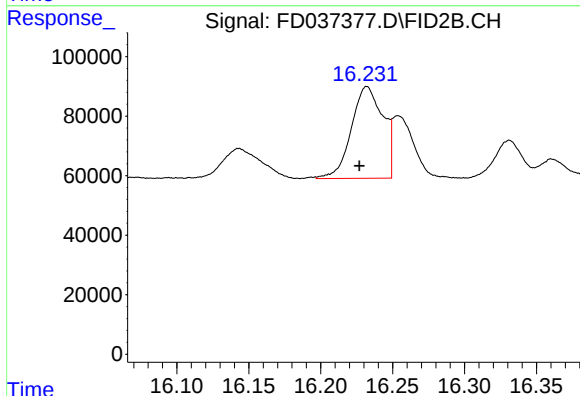
R.T.: 14.681 min
Delta R.T.: 0.000 min
Response: 284920
Conc: 2.59 ug/ml



#15 Chrysene (C27.41)

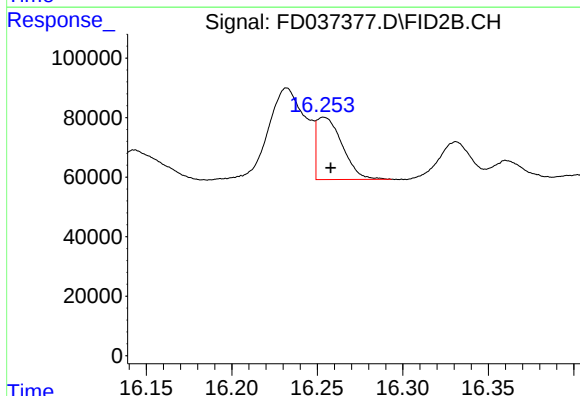
R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 305484
Conc: 2.70 ug/ml

Instrument :
FID_D
ClientSampleId :



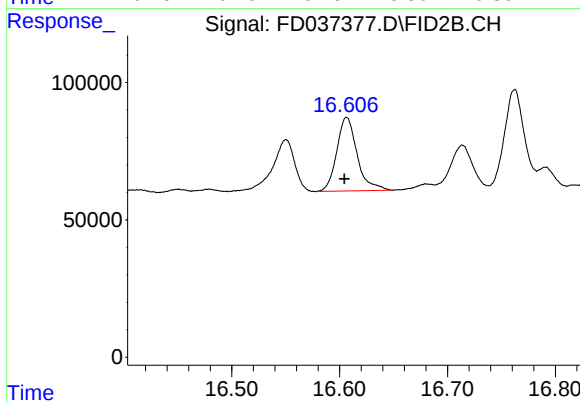
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.232 min
Delta R.T.: 0.005 min
Response: 473612
Conc: 4.22 ug/ml



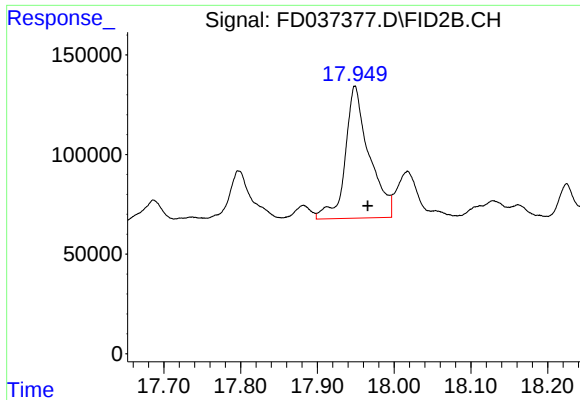
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.254 min
Delta R.T.: -0.004 min
Response: 217524
Conc: 2.02 ug/ml



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

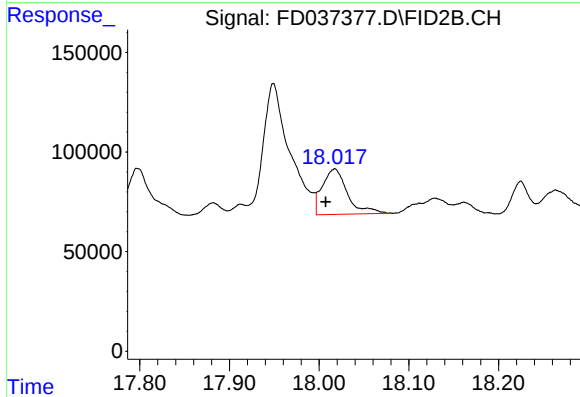
R.T.: 16.607 min
Delta R.T.: 0.002 min
Response: 352273
Conc: 3.40 ug/ml



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

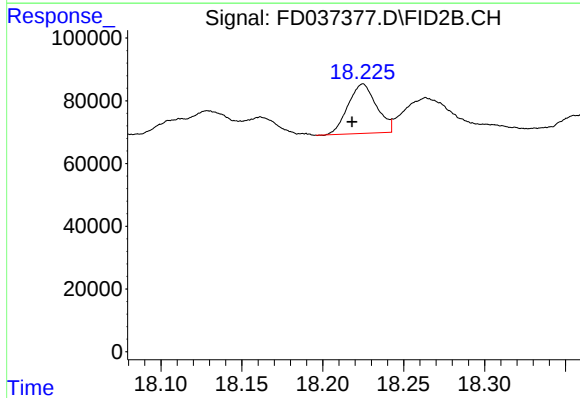
R.T.: 17.949 min
Delta R.T.: -0.017 min
Response: 1437131
Conc: 13.51 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.017 min
Delta R.T.: 0.010 min
Response: 443026
Conc: 4.24 ug/ml



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

R.T.: 18.225 min
Delta R.T.: 0.007 min
Response: 193307
Conc: 1.81 ug/ml