

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
 Data File : FD042275.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2022 22:26
 Operator : UA/NP
 Sample : N2637-09
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 04 02:38:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 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...	7.348	6716143	47.915 ug/ml
Spiked Amount 50.000		Recovery =	95.83%
6) S 2-Fluorobiphenyl (SURR)	8.198	4378203	61.446 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.89%
11) S ortho-Terphenyl (SURR)	11.225	5090325	29.368 ug/ml
Spiked Amount 50.000		Recovery =	58.74%
Target Compounds			
8) T Flouorene (C16.55)	9.084	30285	0.199 ug/ml
10) T Anthracene (C19.43)	10.529	71892	0.429 ug/ml
12) T Fluoranthene (C21.85)	12.224	39021	0.249 ug/ml
13) T Pyrene (C20.8)	12.607f	100231	0.615 ug/ml
14) T Benzo[a]anthracene (C...	14.419	109041	0.912 ug/ml
15) T Chrysene (C27.41)	14.459	61162	0.333 ug/ml
16) T benzo[b]fluoranthene ...	15.961	1767842	13.464 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	215906	1.249 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	255022	1.728 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.690	3553500	35.602 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	230462	1.468 ug/ml
21) T Benzo[g,h,i]perylene ...	17.929	74649	0.539 ug/ml

(f)=RT Delta > 1/2 Window

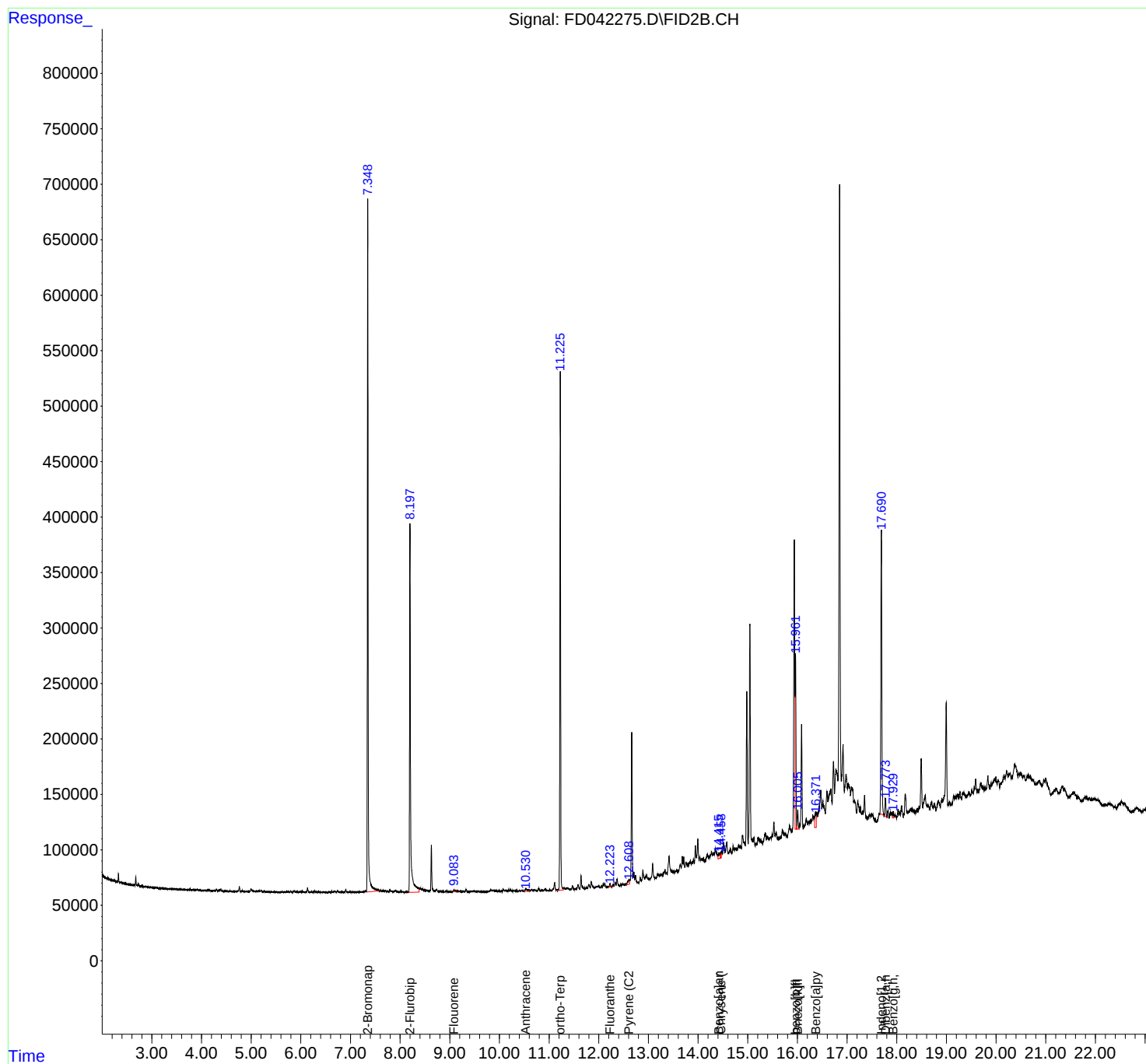
(m)=manual int.

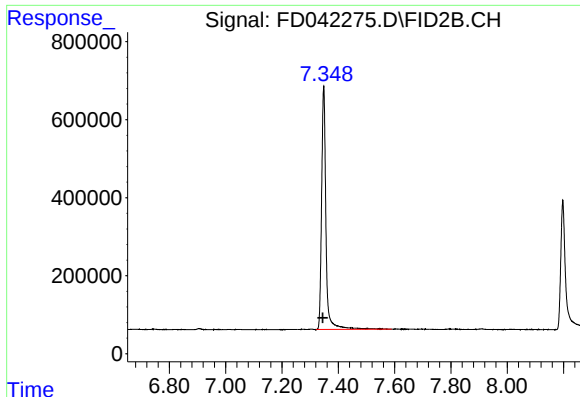
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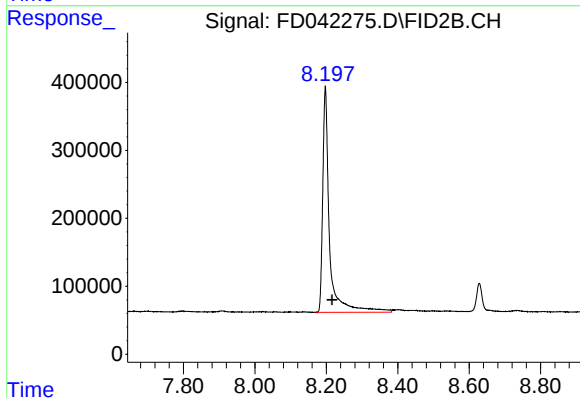




#4 2-Bromonaphthalene (SURRE)

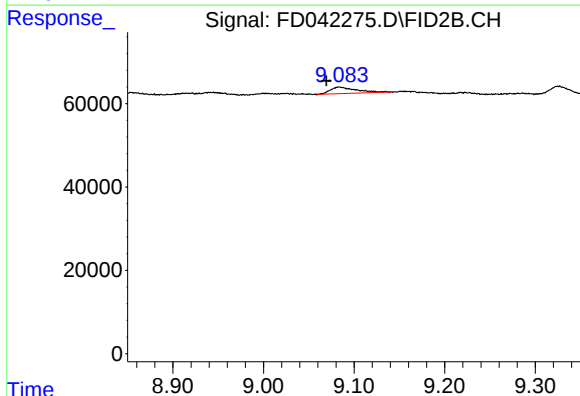
R.T.: 7.348 min
Delta R.T.: 0.003 min
Response: 6716143
Conc: 47.92 ug/ml

Instrument :
FID_D
ClientSampleId :



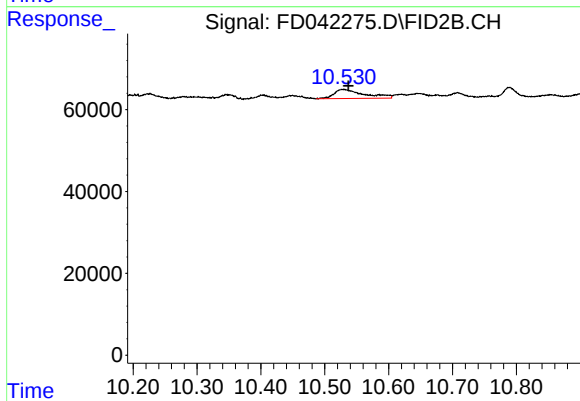
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.198 min
Delta R.T.: -0.018 min
Response: 4378203
Conc: 61.45 ug/ml



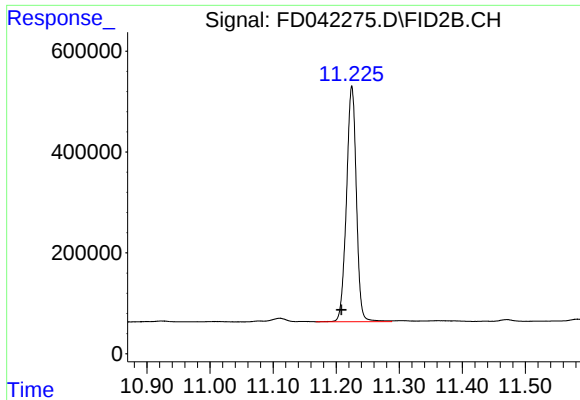
#8 Flouorene (C16.55)

R.T.: 9.084 min
Delta R.T.: 0.015 min
Response: 30285
Conc: 0.20 ug/ml



#10 Anthracene (C19.43)

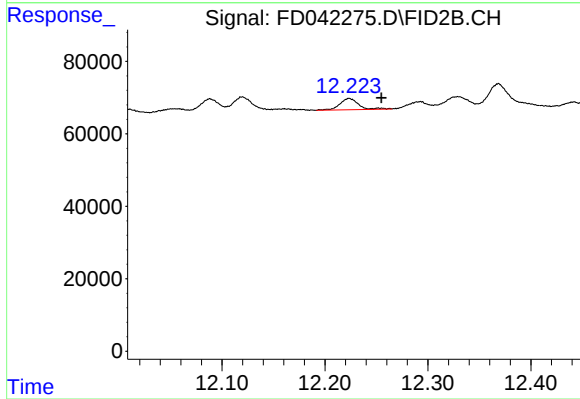
R.T.: 10.529 min
Delta R.T.: -0.008 min
Response: 71892
Conc: 0.43 ug/ml



#11 ortho-Terphenyl (SURR)

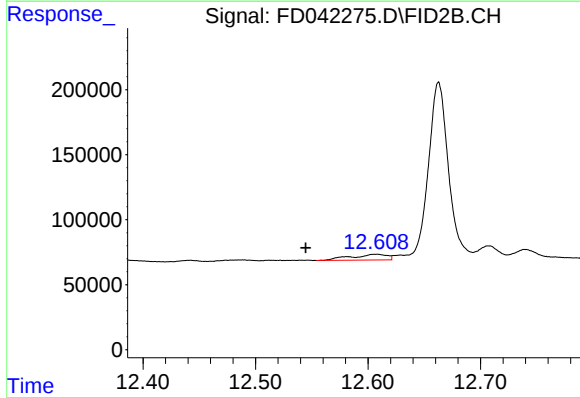
R.T.: 11.225 min
Delta R.T.: 0.017 min
Response: 5090325
Conc: 29.37 ug/ml

Instrument :
FID_D
ClientSampleId :



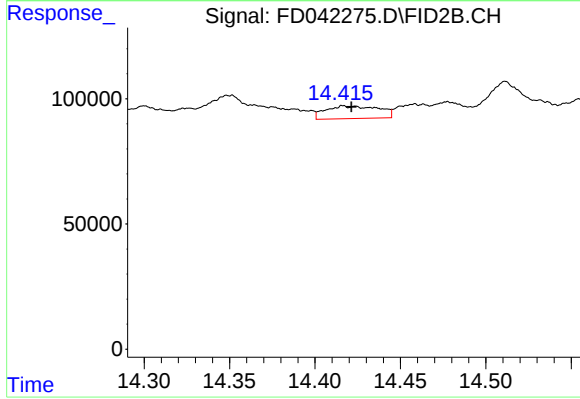
#12 Fluoranthene (C21.85)

R.T.: 12.224 min
Delta R.T.: -0.031 min
Response: 39021
Conc: 0.25 ug/ml



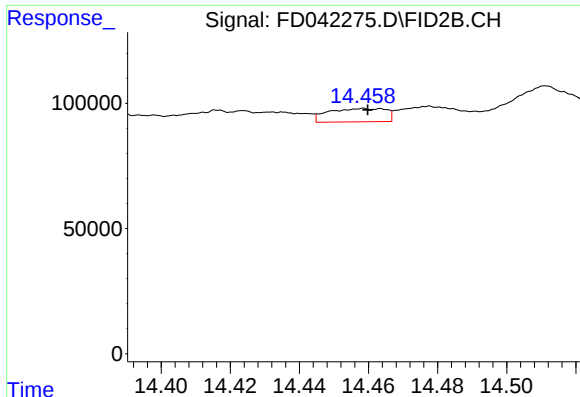
#13 Pyrene (C20.8)

R.T.: 12.607 min
Delta R.T.: 0.062 min
Response: 100231
Conc: 0.61 ug/ml



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

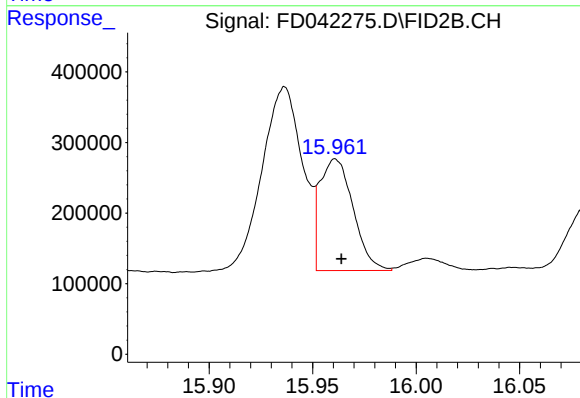
R.T.: 14.419 min
Delta R.T.: -0.002 min
Response: 109041
Conc: 0.91 ug/ml



#15 Chrysene (C27.41)

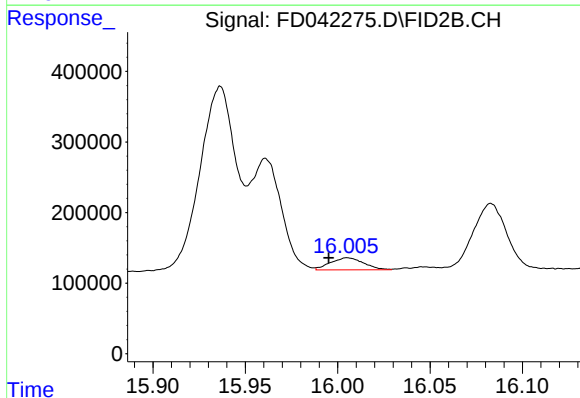
R.T.: 14.459 min
Delta R.T.: 0.000 min
Response: 61162
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



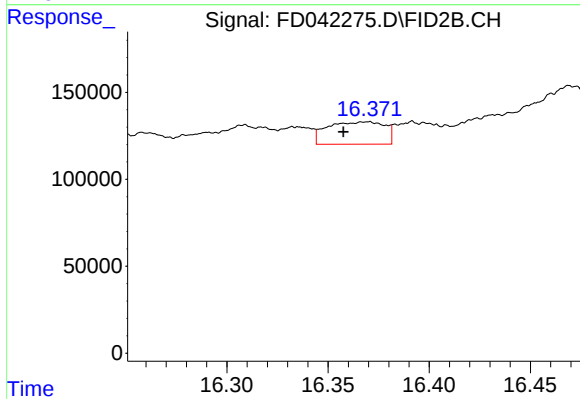
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.961 min
Delta R.T.: -0.003 min
Response: 1767842
Conc: 13.46 ug/ml



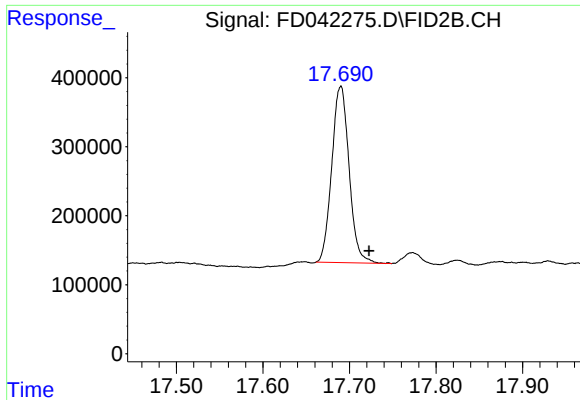
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: 0.010 min
Response: 215906
Conc: 1.25 ug/ml



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

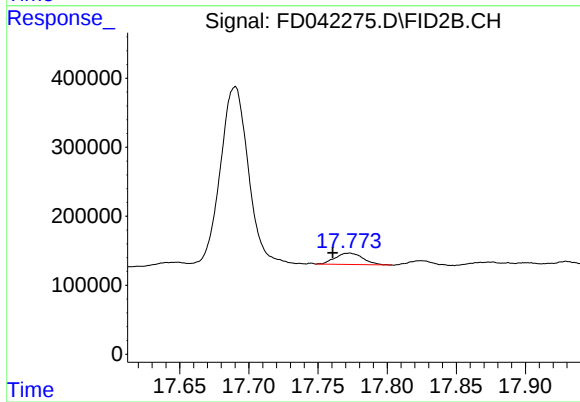
R.T.: 16.369 min
Delta R.T.: 0.011 min
Response: 255022
Conc: 1.73 ug/ml



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

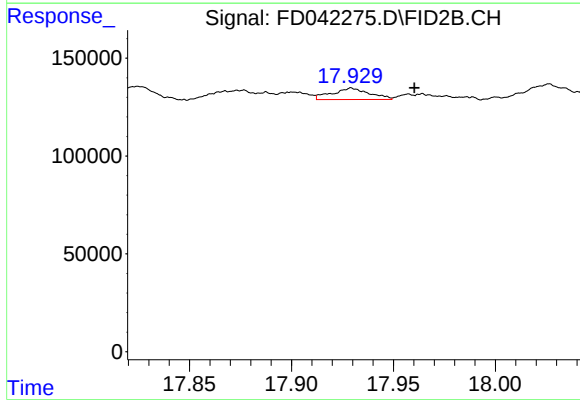
R.T.: 17.690 min
Delta R.T.: -0.033 min
Response: 3553500
Conc: 35.60 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.773 min
Delta R.T.: 0.012 min
Response: 230462
Conc: 1.47 ug/ml



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

R.T.: 17.929 min
Delta R.T.: -0.031 min
Response: 74649
Conc: 0.54 ug/ml