

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042038.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 13:25
 Operator : UA/NP
 Sample : N2349-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 23 00:00:22 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...	7.332	5517749	39.365 ug/ml
Spiked Amount 50.000		Recovery =	78.73%
6) S 2-Fluorobiphenyl (SURR)	8.182	3684443	51.710 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.42%
11) S ortho-Terphenyl (SURR)	11.207	5042562	29.092 ug/ml
Spiked Amount 50.000		Recovery =	58.18%
Target Compounds			
10) T Anthracene (C19.43)	10.544	28786	0.172 ug/ml
12) T Fluoranthene (C21.85)	12.282	307619	1.961 ug/ml
13) T Pyrene (C20.8)	12.557	555764	3.407 ug/ml
14) T Benzo[a]anthracene (C...	14.430	1153464	9.643 ug/ml
15) T Chrysene (C27.41)	14.457	1231724	6.714 ug/ml
16) T benzo[b]fluoranthene ...	15.972	140251	1.068 ug/ml
17) T Bnezo[k]fluoranthene ...	15.997	501835	2.903 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	627712	4.254 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.693	324971	3.256 ug/ml
20) T Dibenz[a,h]anthracene...	17.763	372078	2.371 ug/ml
21) T Benzo[g,h,i]perylene ...	17.963	161799	1.168 ug/ml

(f)=RT Delta > 1/2 Window

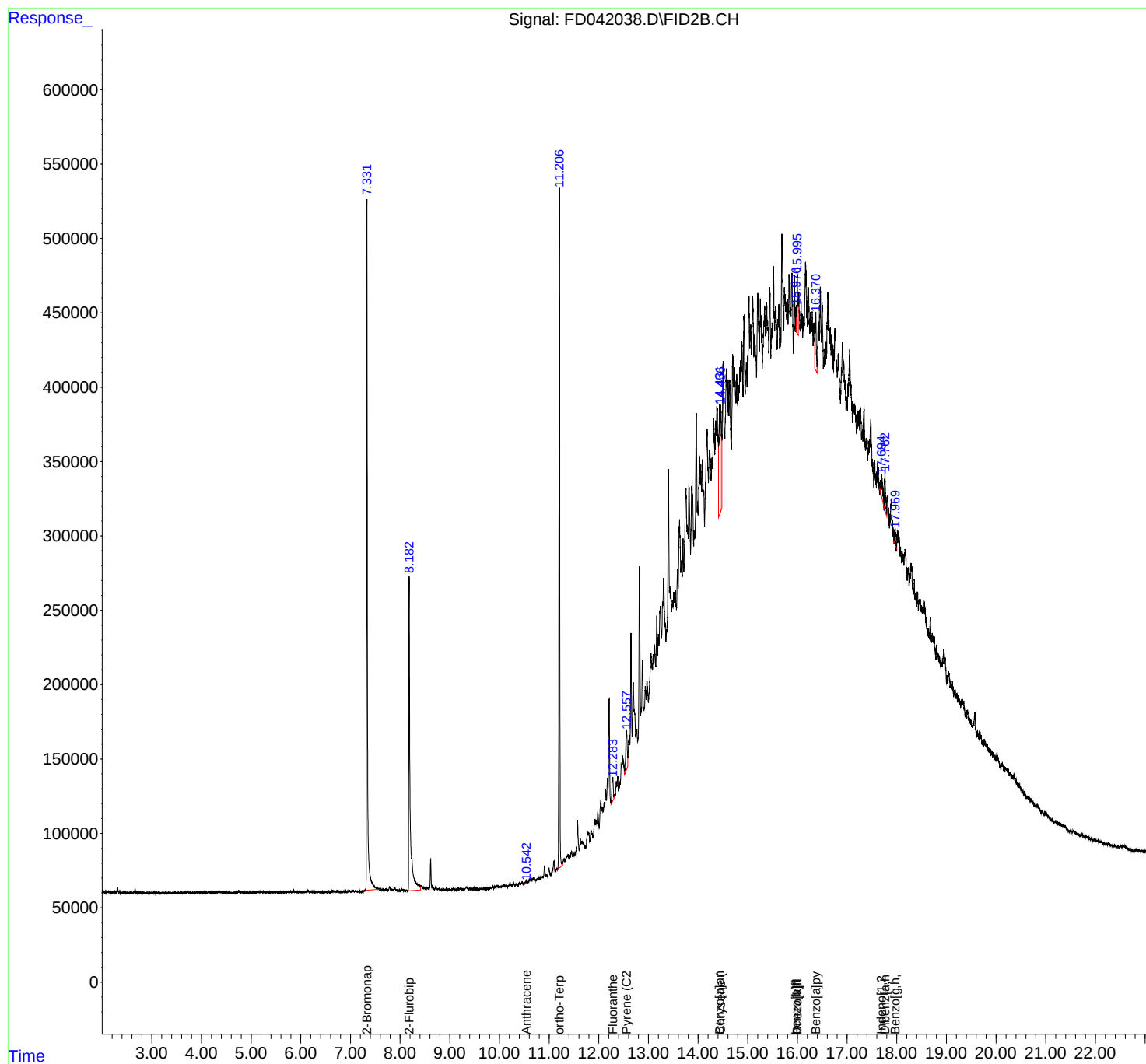
(m)=manual int.

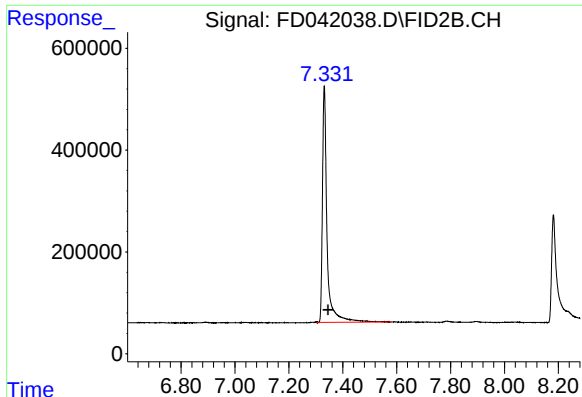
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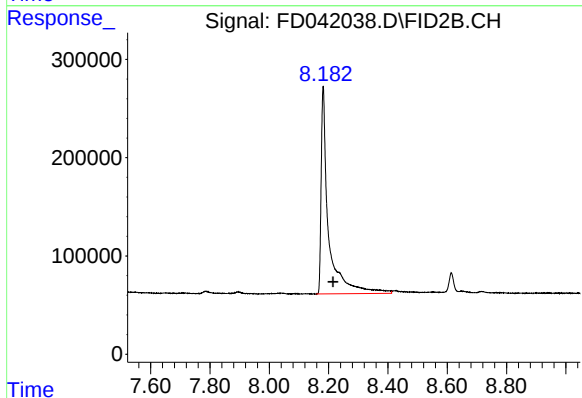




#4 2-Bromonaphthalene (SURRE)

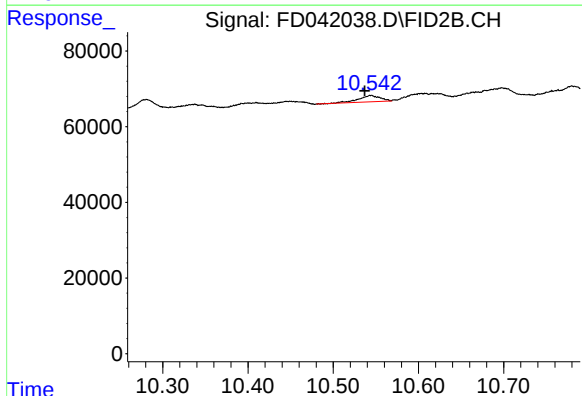
R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 5517749
Conc: 39.37 ug/ml

Instrument :
FID_D
ClientSampleId :



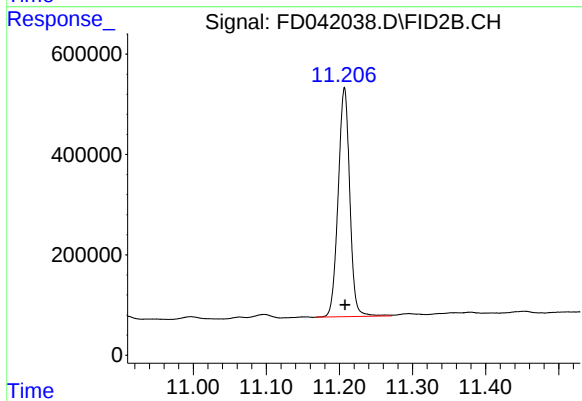
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.182 min
Delta R.T.: -0.034 min
Response: 3684443
Conc: 51.71 ug/ml



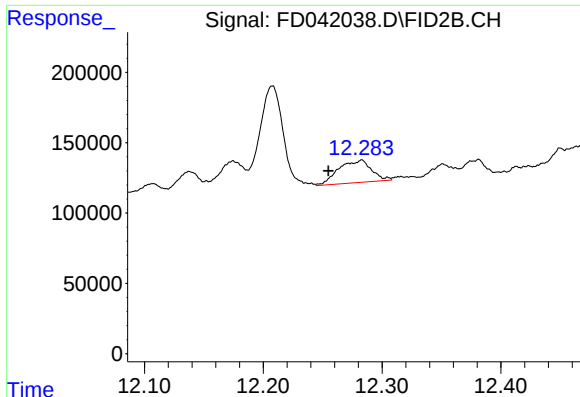
#10 Anthracene (C19.43)

R.T.: 10.544 min
Delta R.T.: 0.008 min
Response: 28786
Conc: 0.17 ug/ml



#11 ortho-Terphenyl (SURRE)

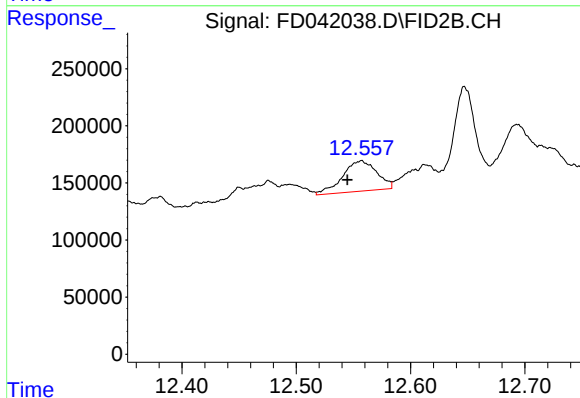
R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 5042562
Conc: 29.09 ug/ml



#12 Fluoranthene (C21.85)

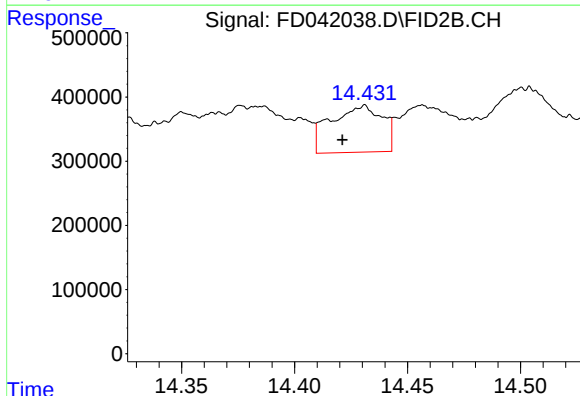
R.T.: 12.282 min
Delta R.T.: 0.027 min
Response: 307619
Conc: 1.96 ug/ml

Instrument :
FID_D
ClientSampleId :



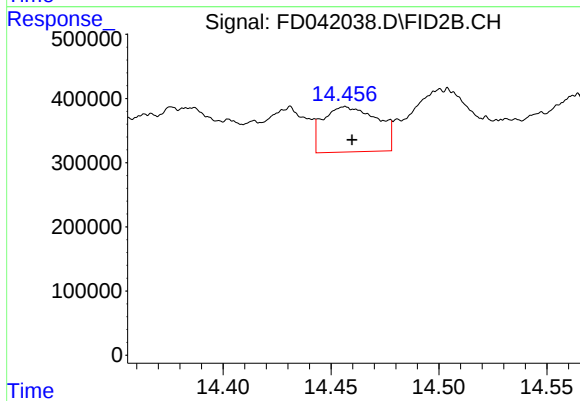
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: 0.012 min
Response: 555764
Conc: 3.41 ug/ml



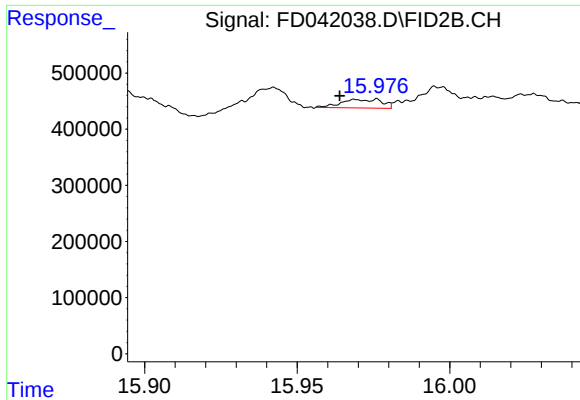
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: 0.009 min
Response: 1153464
Conc: 9.64 ug/ml



#15 Chrysene (C27.41)

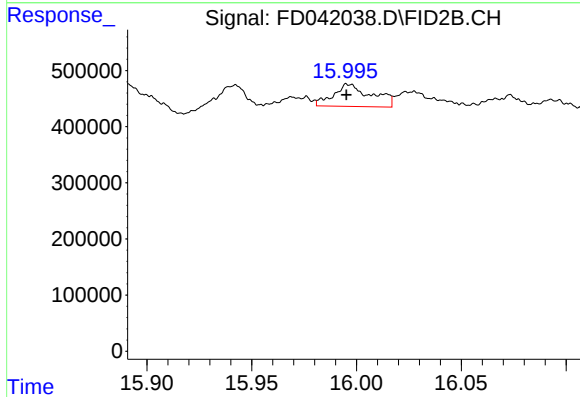
R.T.: 14.457 min
Delta R.T.: -0.003 min
Response: 1231724
Conc: 6.71 ug/ml



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

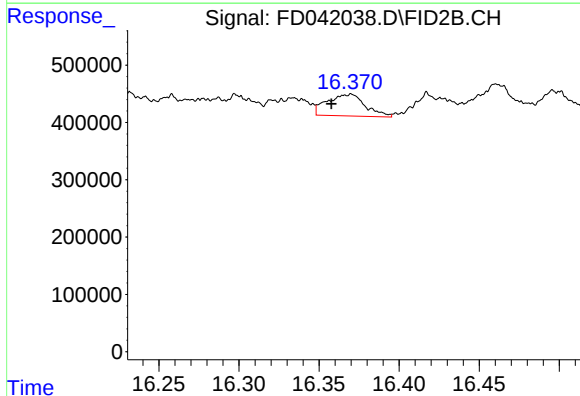
R.T.: 15.972 min
Delta R.T.: 0.008 min
Response: 140251
Conc: 1.07 ug/ml

Instrument :
FID_D
ClientSampleId :



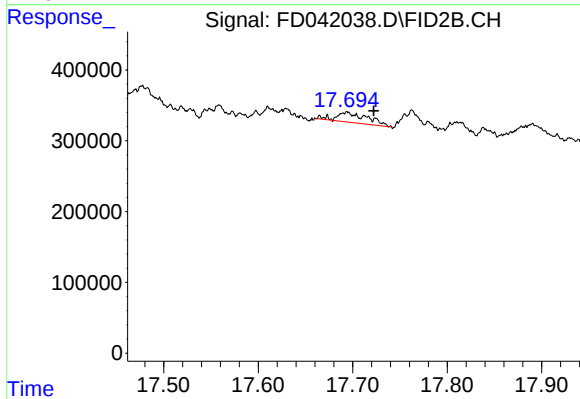
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.997 min
Delta R.T.: 0.002 min
Response: 501835
Conc: 2.90 ug/ml



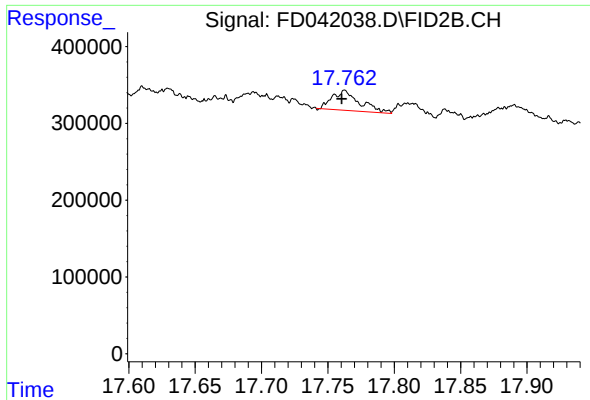
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: 0.011 min
Response: 627712
Conc: 4.25 ug/ml



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

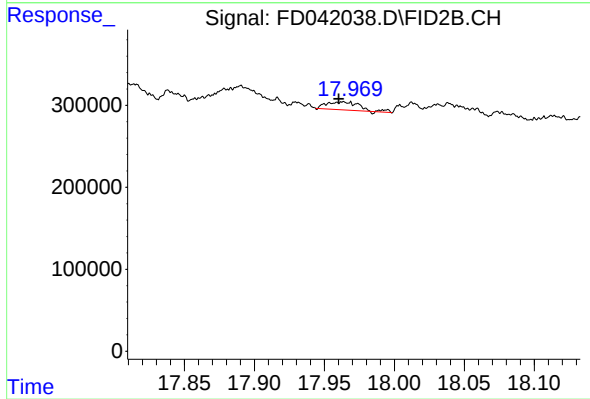
R.T.: 17.693 min
Delta R.T.: -0.029 min
Response: 324971
Conc: 3.26 ug/ml



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

R.T.: 17.763 min
Delta R.T.: 0.002 min
Response: 372078
Conc: 2.37 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.963 min
Delta R.T.: 0.003 min
Response: 161799
Conc: 1.17 ug/ml