

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050522AR\
 Data File : FD042309.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2022 14:09
 Operator : UA/NP
 Sample : N2637-10DL 25X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 06 00:59:25 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	280488	2.001 ug/ml
Spiked Amount 50.000		Recovery =	4.00%
6) S 2-Fluorobiphenyl (SURR)	8.242	78103	1.096 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	2.19%
11) S ortho-Terphenyl (SURR)	11.209	261381	1.508 ug/ml
Spiked Amount 50.000		Recovery =	3.02%
Target Compounds			
7) T Acenaphthene (C15.5)	8.242	78103	0.416 ug/ml
12) T Fluoranthene (C21.85)	12.210	39155	0.250 ug/ml
13) T Pyrene (C20.8)	12.568	43932	0.269 ug/ml
14) T Benzo[a]anthracene (C...	14.374	487133	4.072 ug/ml
15) T Chrysene (C27.41)	14.494	481809	2.626 ug/ml
16) T benzo[b]fluoranthene ...	15.959	89807	0.684 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	104079	0.602 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.399	74076	0.502 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.701	80869	0.810 ug/ml
20) T Dibenz[a,h]anthracene...	17.761	91870	0.585 ug/ml
21) T Benzo[g,h,i]perylene ...	17.955	63080	0.455 ug/ml

(f)=RT Delta > 1/2 Window

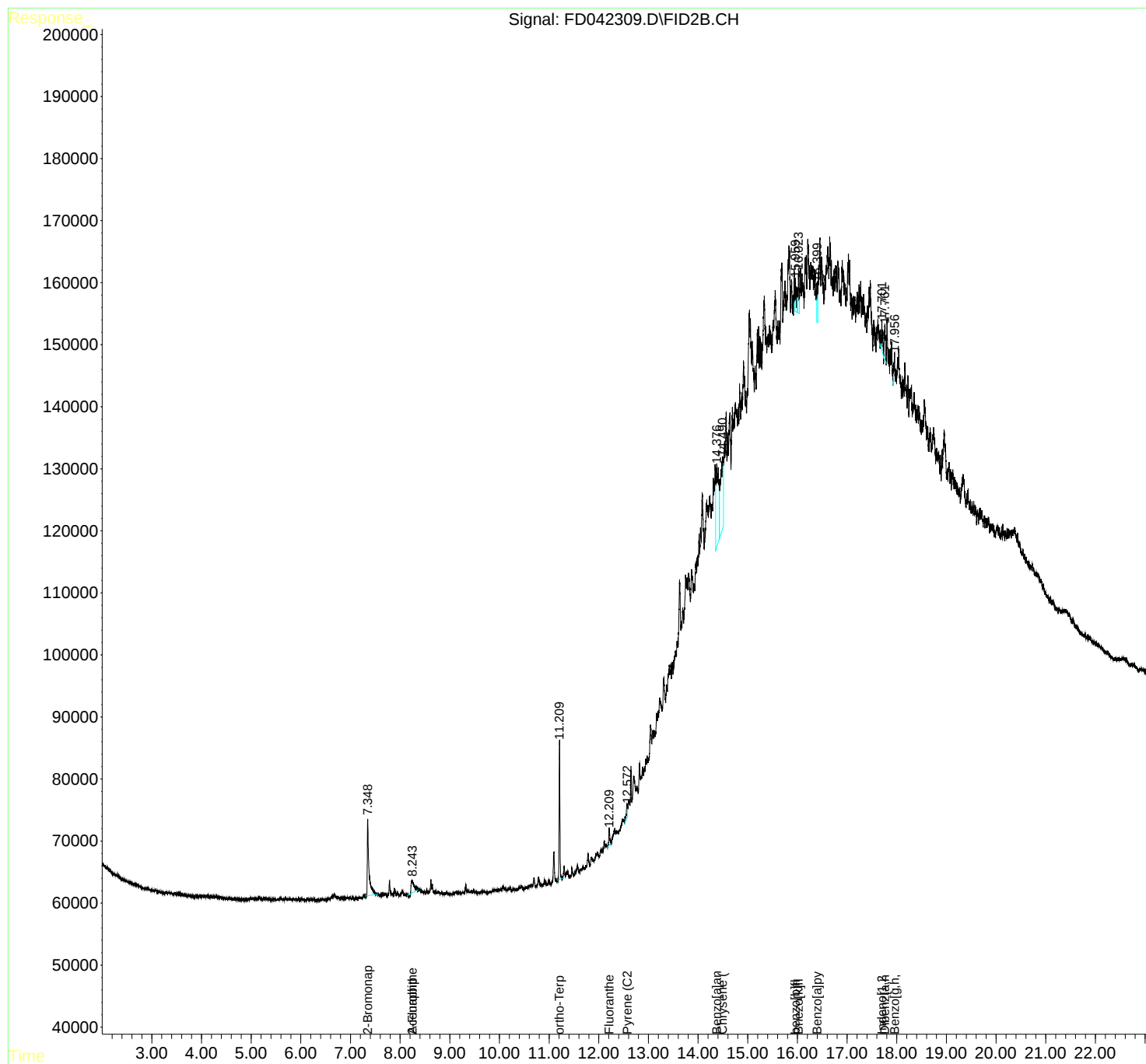
(m)=manual int.

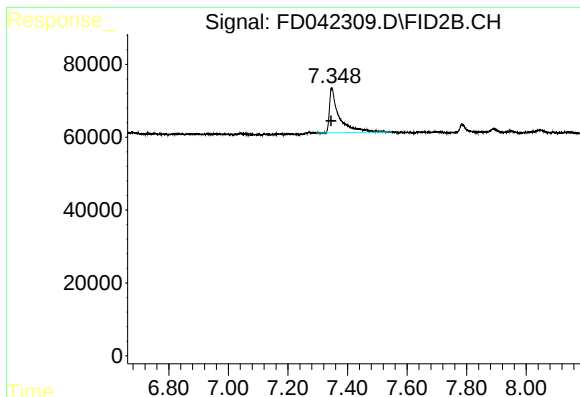
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

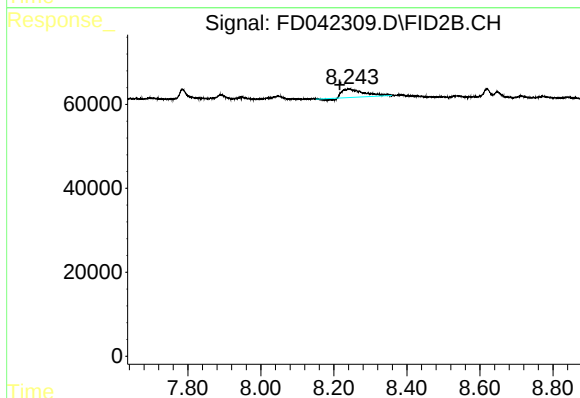




#4 2-Bromonaphthalene (SURRE)

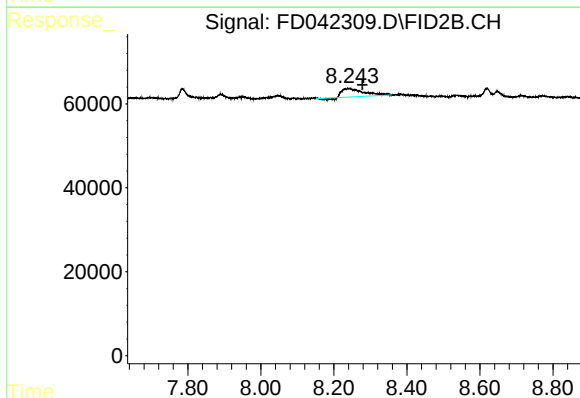
R.T.: 7.348 min
Delta R.T.: 0.003 min
Response: 280488
Conc: 2.00 ug/ml

Instrument :
FID_D
ClientSampleId :



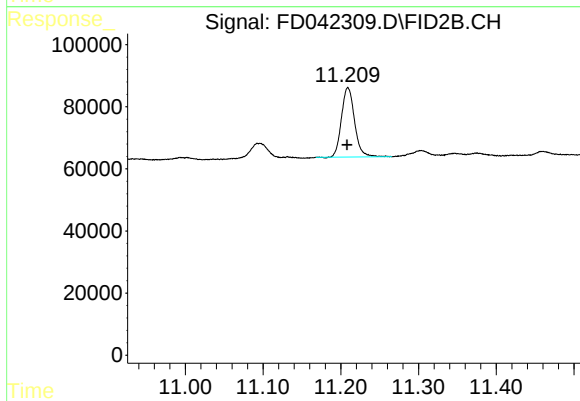
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.242 min
Delta R.T.: 0.026 min
Response: 78103
Conc: 1.10 ug/ml



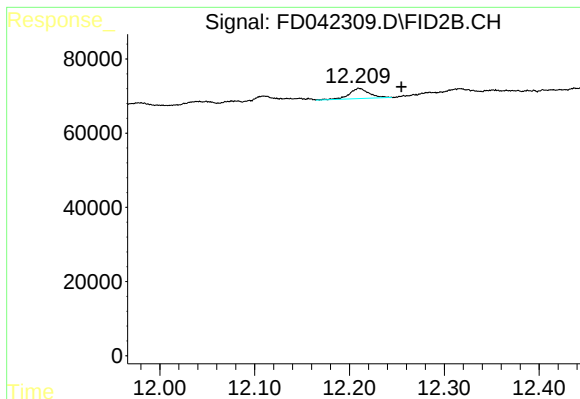
#7 Acenaphthene (C15.5)

R.T.: 8.242 min
Delta R.T.: -0.036 min
Response: 78103
Conc: 0.42 ug/ml



#11 ortho-Terphenyl (SURRE)

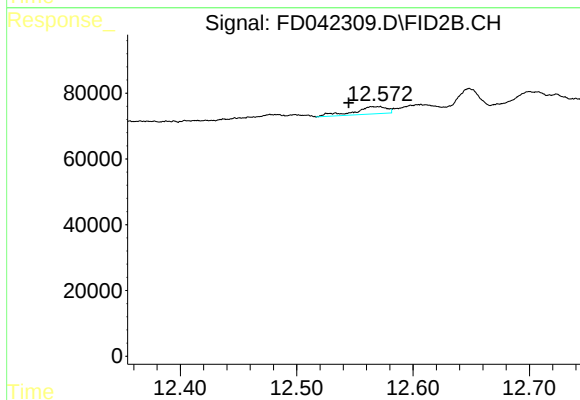
R.T.: 11.209 min
Delta R.T.: 0.001 min
Response: 261381
Conc: 1.51 ug/ml



#12 Fluoranthene (C21.85)

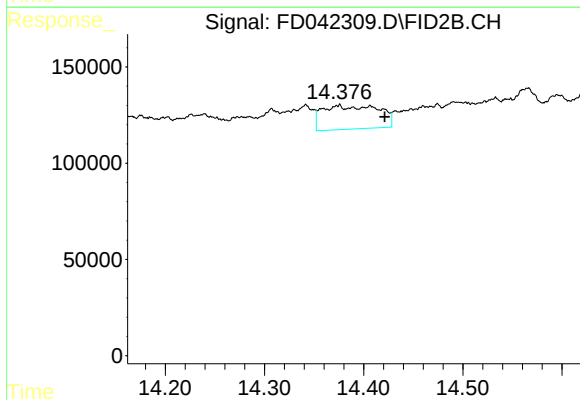
R.T.: 12.210 min
Delta R.T.: -0.045 min
Response: 39155
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



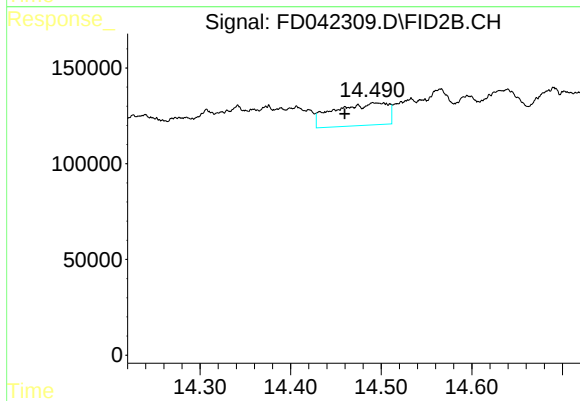
#13 Pyrene (C20.8)

R.T.: 12.568 min
Delta R.T.: 0.023 min
Response: 43932
Conc: 0.27 ug/ml



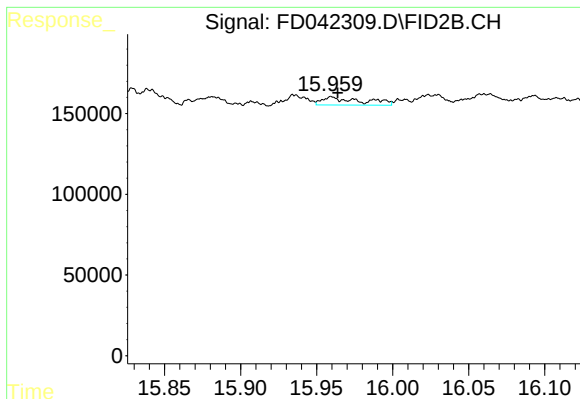
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.374 min
Delta R.T.: -0.047 min
Response: 487133
Conc: 4.07 ug/ml



#15 Chrysene (C27.41)

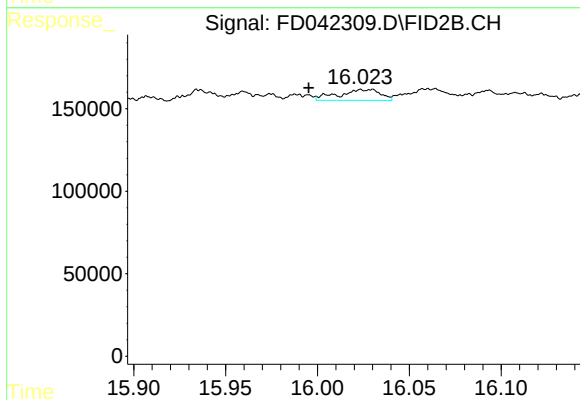
R.T.: 14.494 min
Delta R.T.: 0.034 min
Response: 481809
Conc: 2.63 ug/ml



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

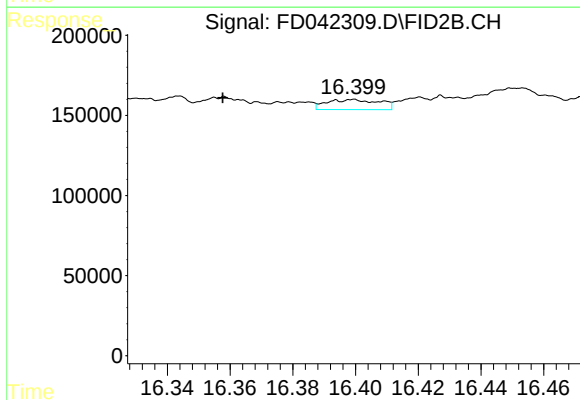
R.T.: 15.959 min
Delta R.T.: -0.005 min
Response: 89807
Conc: 0.68 ug/ml

Instrument :
FID_D
ClientSampleId :



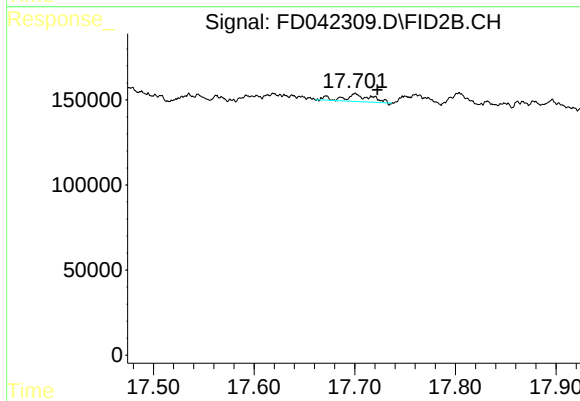
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.027 min
Delta R.T.: 0.031 min
Response: 104079
Conc: 0.60 ug/ml



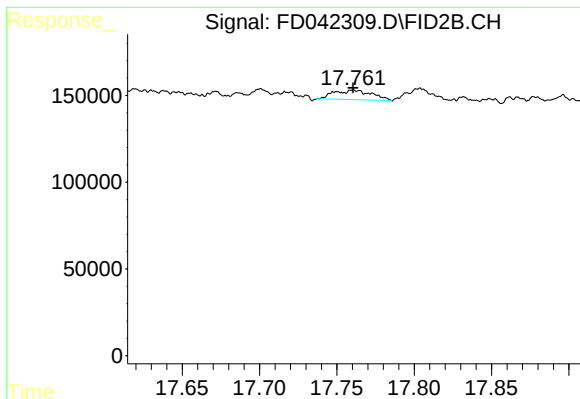
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.399 min
Delta R.T.: 0.041 min
Response: 74076
Conc: 0.50 ug/ml



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

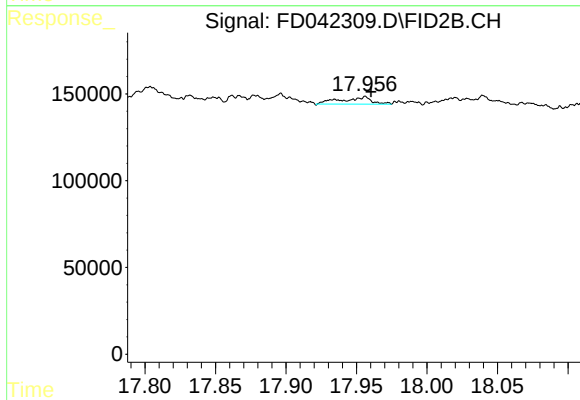
R.T.: 17.701 min
Delta R.T.: -0.021 min
Response: 80869
Conc: 0.81 ug/ml



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

R.T.: 17.761 min
Delta R.T.: 0.000 min
Response: 91870
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.955 min
Delta R.T.: -0.006 min
Response: 63080
Conc: 0.46 ug/ml