

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022522AR\
 Data File : FD041271.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2022 14:37
 Operator : UA/NP
 Sample : N1650-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 21:59:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.363	6304655	39.020 ug/ml
Spiked Amount 50.000		Recovery =	78.04%
6) S 2-Fluorobiphenyl (SURR)	8.210	4119671	39.576 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.15%
11) S ortho-Terphenyl (SURR)	11.245	4795490	27.340 ug/ml
Spiked Amount 50.000		Recovery =	54.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	43924	0.251 ug/ml
7) T Acenaphthene (C15.5)	8.307	59020	0.309 ug/ml
9) T Phenanthrene (C19.36)	10.474	228874	1.393 ug/ml
12) T Fluoranthene (C21.85)	12.273	520534	3.098 ug/ml
13) T Pyrene (C20.8)	12.565	397919	2.373 ug/ml
14) T Benzo[a]anthracene (C...	14.436	177781	1.225 ug/ml
15) T Chrysene (C27.41)	14.475	261820	1.590 ug/ml
16) T benzo[b]fluoranthene ...	15.981	411138	3.012 ug/ml
17) T Bnezo[k]fluoranthene ...	15.981	411138	2.786 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	196593	1.495 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.720	256293	2.045 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	24898	0.176 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	186976	1.444 ug/ml

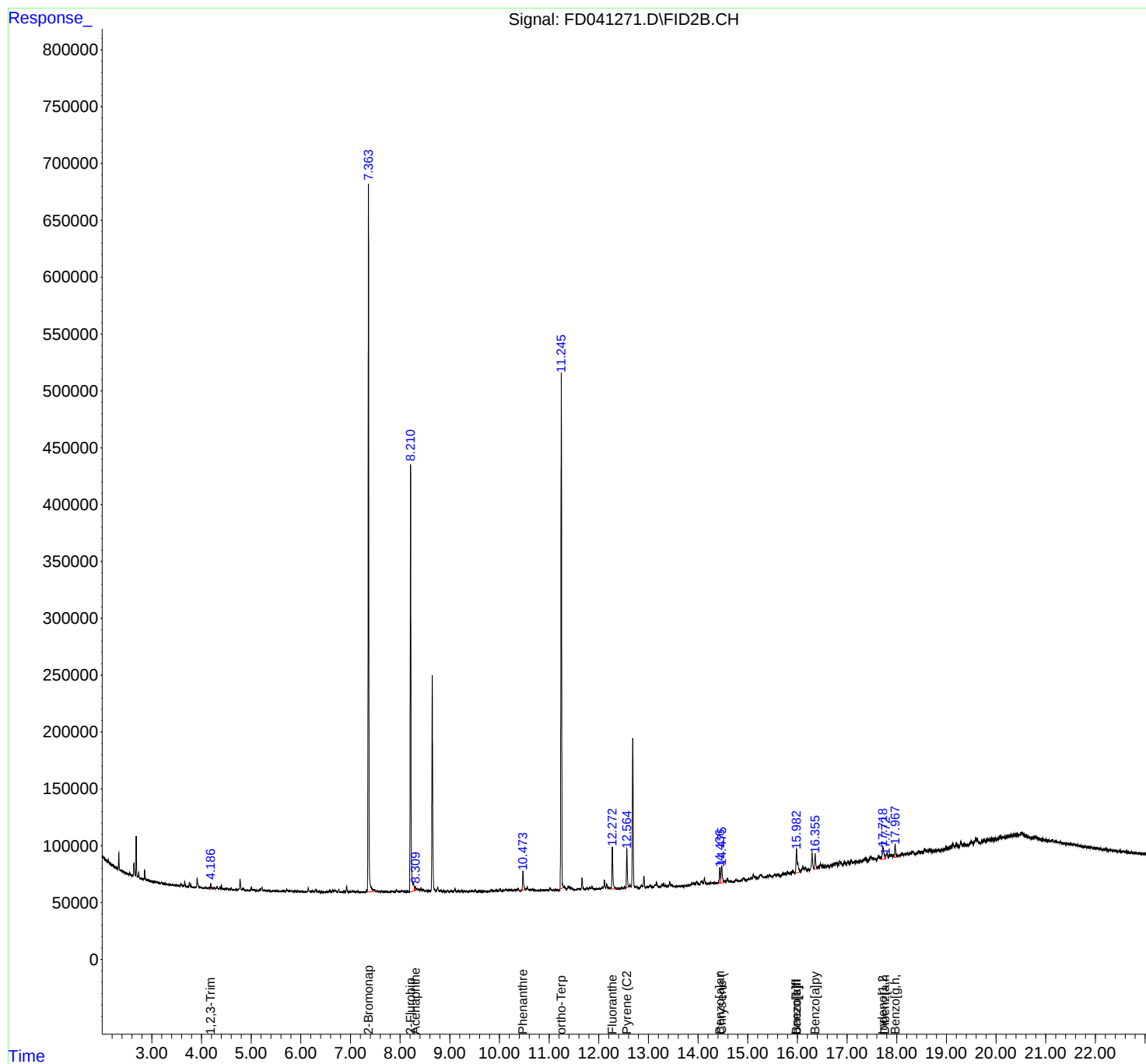
(f)=RT Delta > 1/2 Window

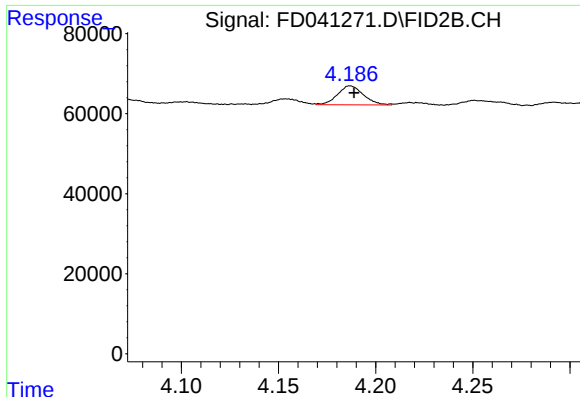
(m)=manual int.

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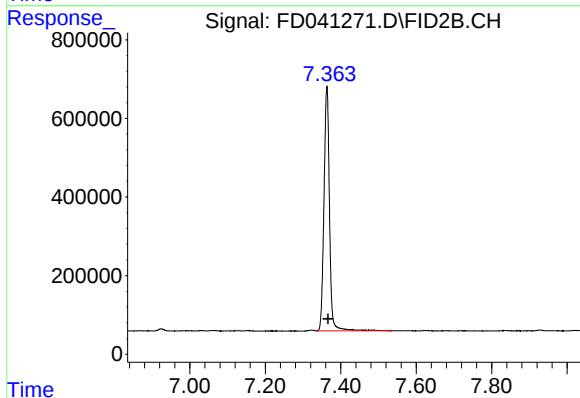
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





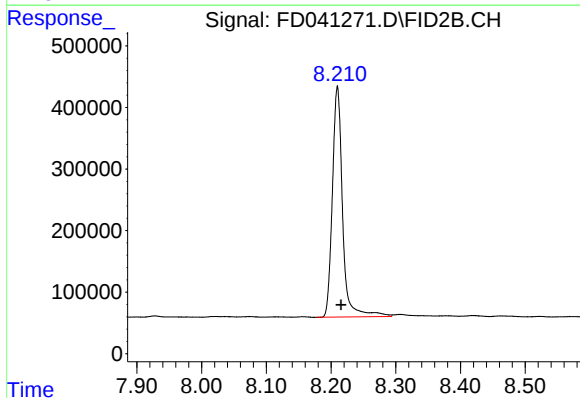
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 43924
Conc: 0.25 ug/ml



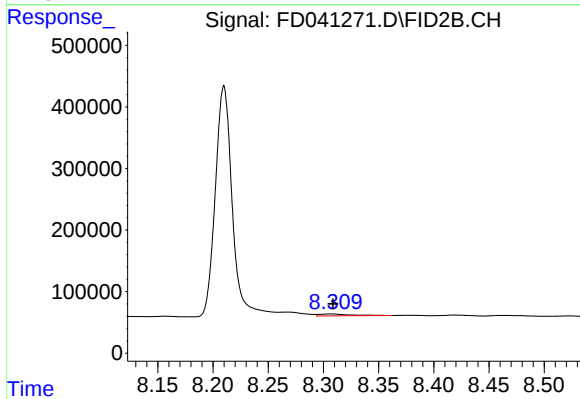
#4 2-Bromonaphthalene (SURR)

R.T.: 7.363 min
Delta R.T.: -0.003 min
Response: 6304655
Conc: 39.02 ug/ml



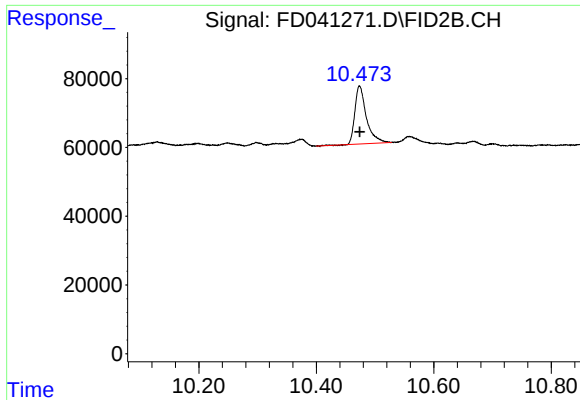
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: -0.006 min
Response: 4119671
Conc: 39.58 ug/ml



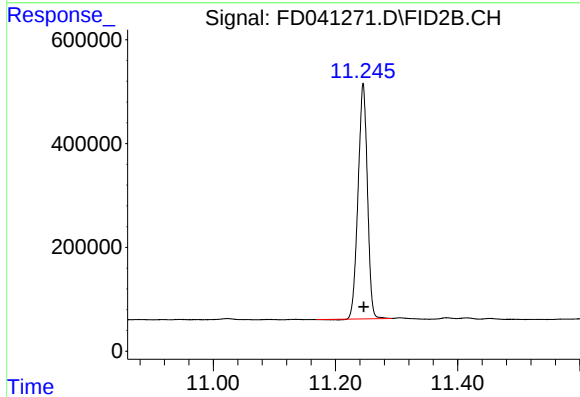
#7 Acenaphthene (C15.5)

R.T.: 8.307 min
Delta R.T.: -0.002 min
Response: 59020
Conc: 0.31 ug/ml



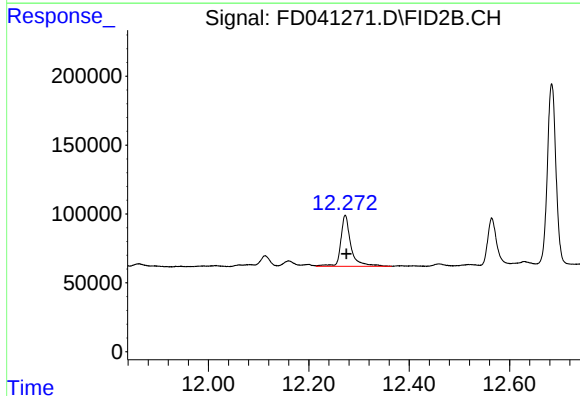
#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: 0.000 min
Response: 228874
Conc: 1.39 ug/ml



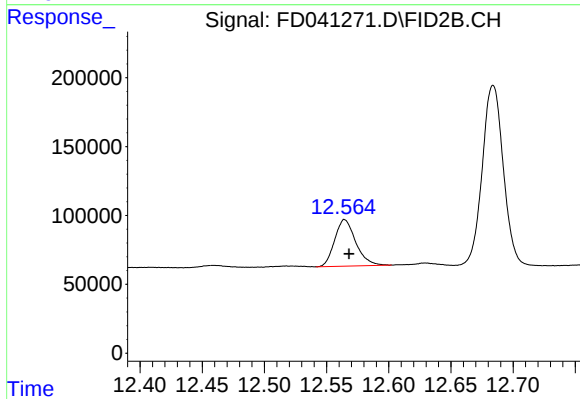
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.001 min
Response: 4795490
Conc: 27.34 ug/ml



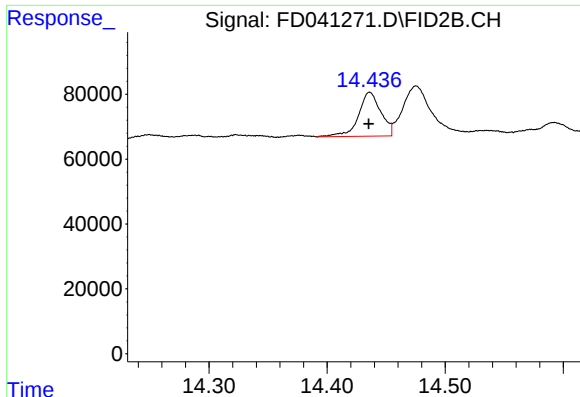
#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: -0.002 min
Response: 520534
Conc: 3.10 ug/ml



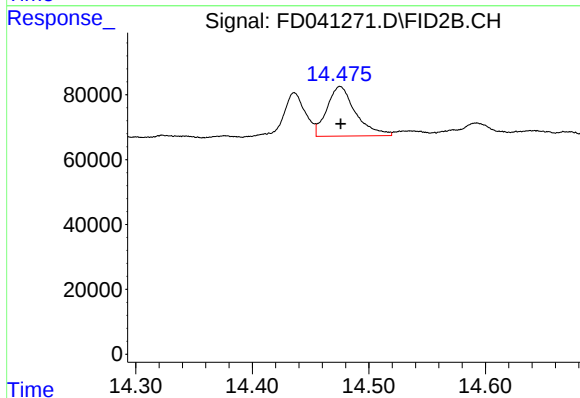
#13 Pyrene (C20.8)

R.T.: 12.565 min
Delta R.T.: -0.003 min
Response: 397919
Conc: 2.37 ug/ml



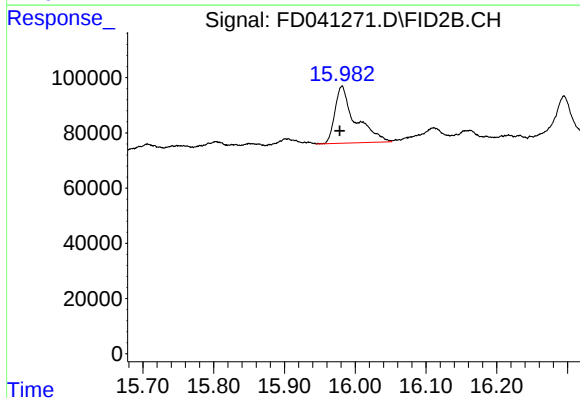
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: 0.001 min
Response: 177781
Conc: 1.23 ug/ml



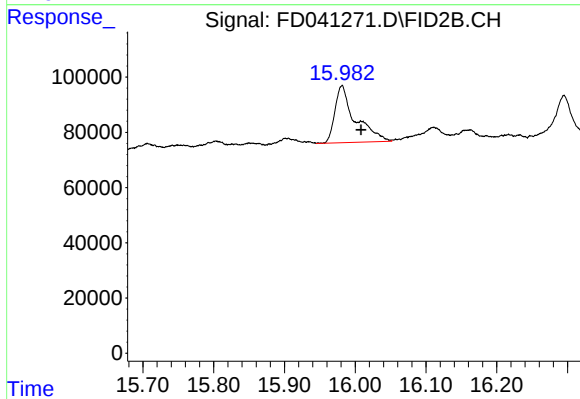
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: 0.000 min
Response: 261820
Conc: 1.59 ug/ml



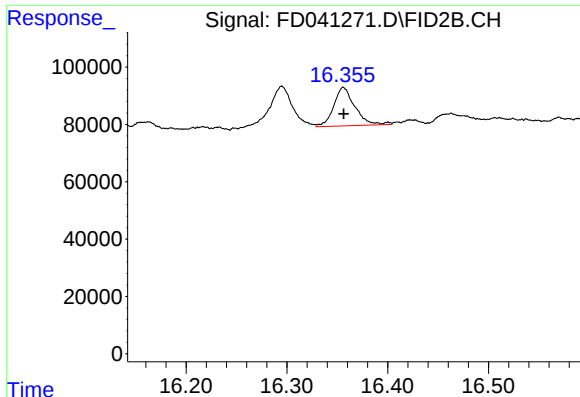
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.981 min
Delta R.T.: 0.003 min
Response: 411138
Conc: 3.01 ug/ml



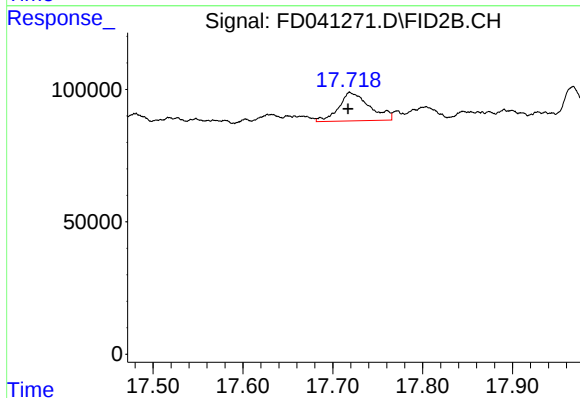
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.981 min
Delta R.T.: -0.027 min
Response: 411138
Conc: 2.79 ug/ml



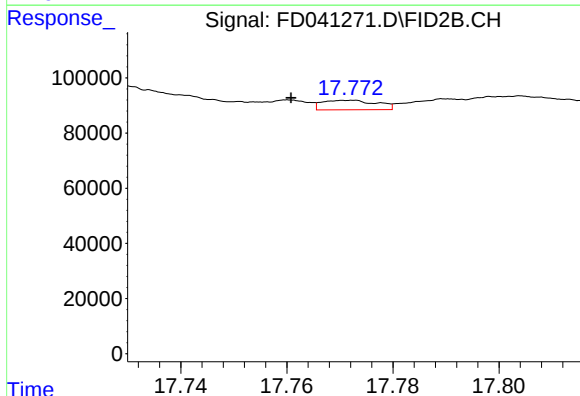
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: 0.000 min
Response: 196593
Conc: 1.50 ug/ml



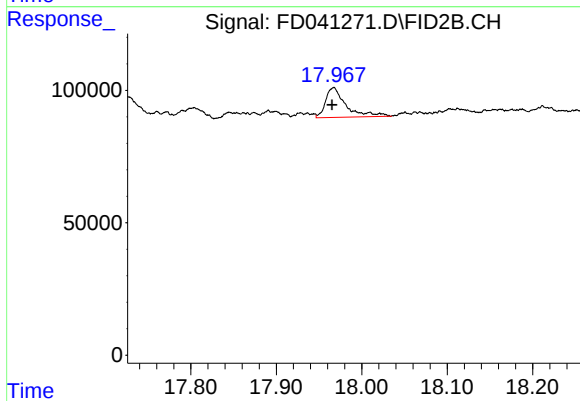
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min
Delta R.T.: 0.003 min
Response: 256293
Conc: 2.04 ug/ml



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

R.T.: 17.771 min
Delta R.T.: 0.010 min
Response: 24898
Conc: 0.18 ug/ml



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

R.T.: 17.967 min
Delta R.T.: 0.002 min
Response: 186976
Conc: 1.44 ug/ml