

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032724AR\
 Data File : FD047428.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2024 18:28
 Operator : YP/AJ
 Sample : PB159789BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:33:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

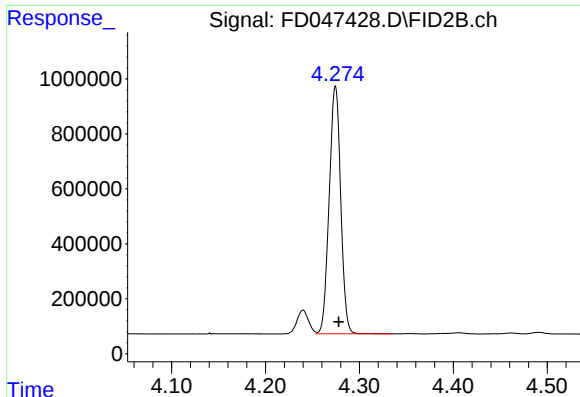
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.454	7443742	45.069 ug/ml
Spiked Amount 50.000		Recovery =	90.14%
6) S 2-Fluorobiphenyl (SURR)	8.306	4755989	44.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.39%
11) S ortho-Terphenyl (SURR)	11.340	7352297	39.396 ug/ml
Spiked Amount 50.000		Recovery =	78.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	7688222	43.260 ug/ml
2) T Naphthalene (C11.7)	5.797	8872184	48.650 ug/ml
3) T 2-Methylnaphthalene (...)	6.844	9254415	50.743 ug/ml
5) T Acenaphthylene (C15.06)	8.112	9781475	58.670 ug/ml
7) T Acenaphthene (C15.5)	8.408	9767932	55.443 ug/ml
8) T Fluorene (C16.55)	9.185	10192056	60.506 ug/ml
9) T Phenanthrene (C19.36)	10.573	10399932	64.216 ug/ml
10) T Anthracene (C19.43)	10.649	10222417	69.460 ug/ml
12) T Fluoranthene (C21.85)	12.375	10374945	65.078 ug/ml
13) T Pyrene (C20.8)	12.669	10507925	67.920 ug/ml
14) T Benzo[a]anthracene (C...	14.531	9663803	71.288 ug/ml
15) T Chrysene (C27.41)	14.577	9511182	64.072 ug/ml
16) T benzo[b]fluoranthene ...	16.074	9465034	67.424 ug/ml
17) T Bnezo[k]fluoranthene ...	16.110	9299748	65.671 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	9065278	65.625 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	9562117	76.508 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	8478670	64.294 ug/ml
21) T Benzo[g,h,i]perylene ...	18.064	8614780	64.116 ug/ml

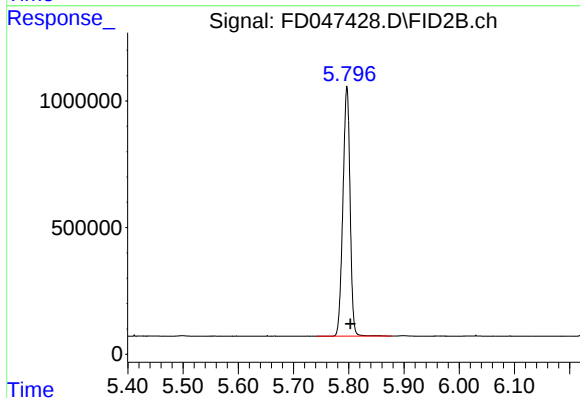
(f)=RT Delta > 1/2 Window

(m)=manual int.



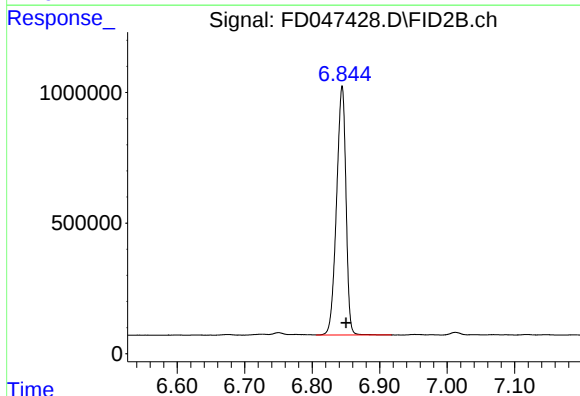
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.004 min
Response: 7688222
Conc: 43.26 ug/ml



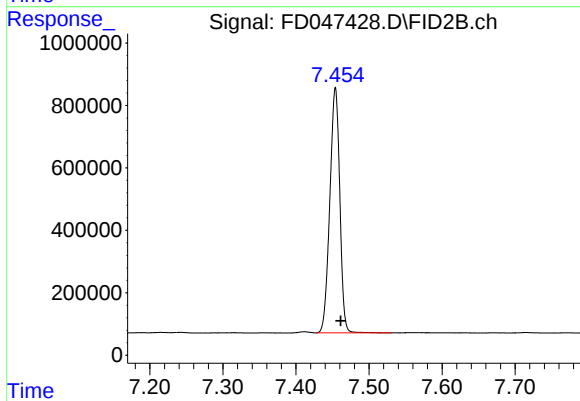
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.006 min
Response: 8872184
Conc: 48.65 ug/ml



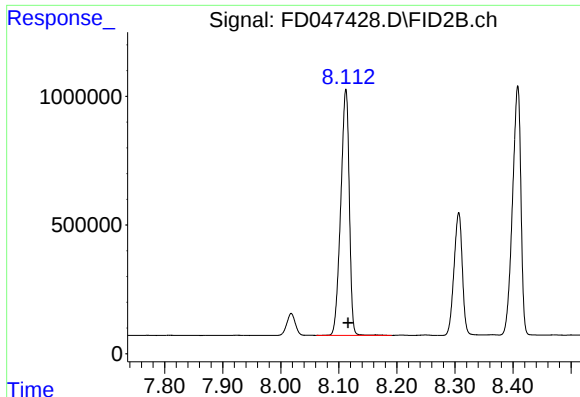
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.844 min
Delta R.T.: -0.006 min
Response: 9254415
Conc: 50.74 ug/ml



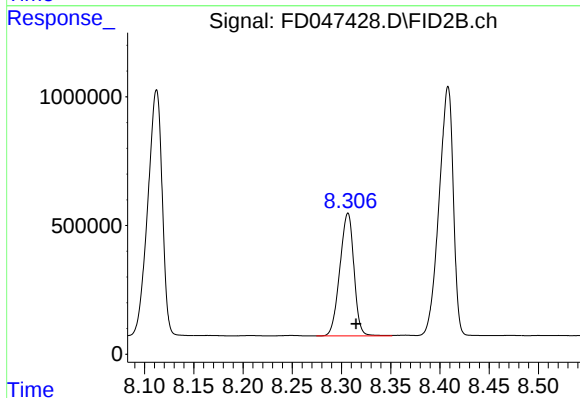
#4 2-Bromonaphthalene (SURR)

R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 7443742
Conc: 45.07 ug/ml



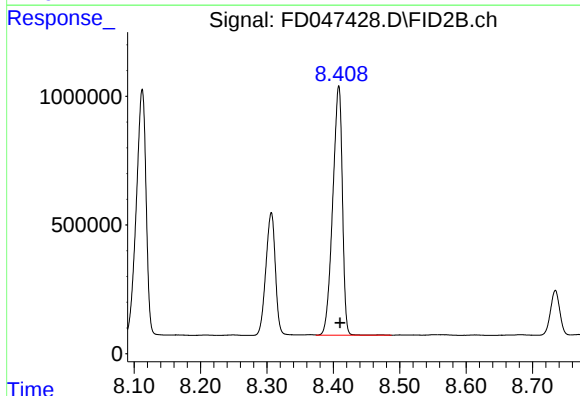
#5 Acenaphthylene (C15.06)

R.T.: 8.112 min
Delta R.T.: -0.004 min
Response: 9781475
Conc: 58.67 ug/ml



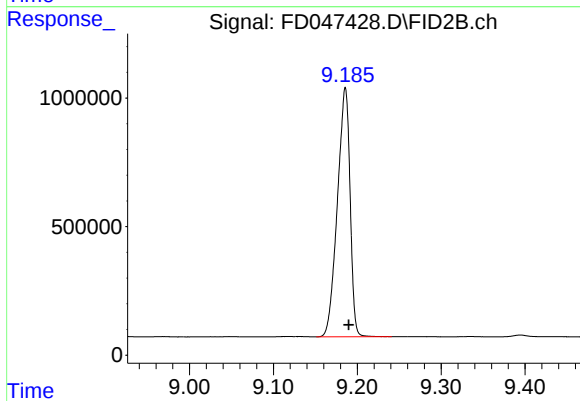
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 4755989
Conc: 44.70 ug/ml



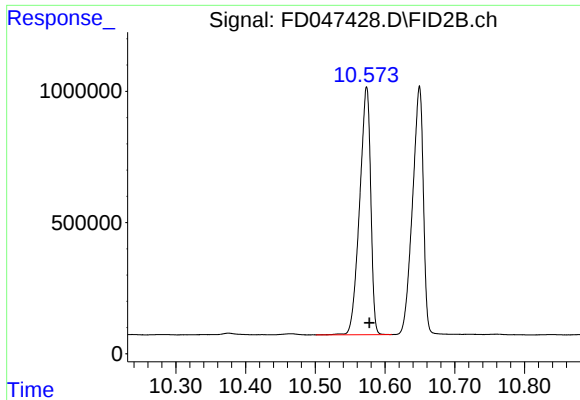
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: -0.003 min
Response: 9767932
Conc: 55.44 ug/ml



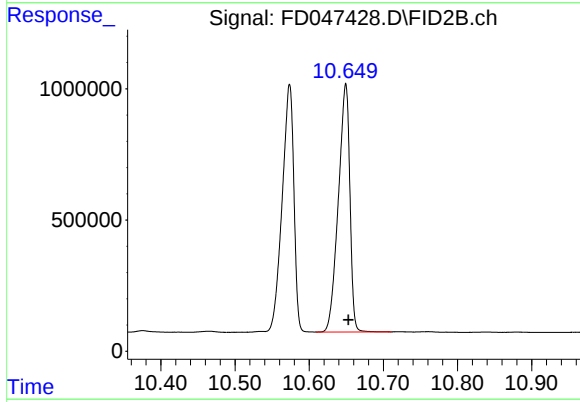
#8 Flouorene (C16.55)

R.T.: 9.185 min
Delta R.T.: -0.005 min
Response: 10192056
Conc: 60.51 ug/ml



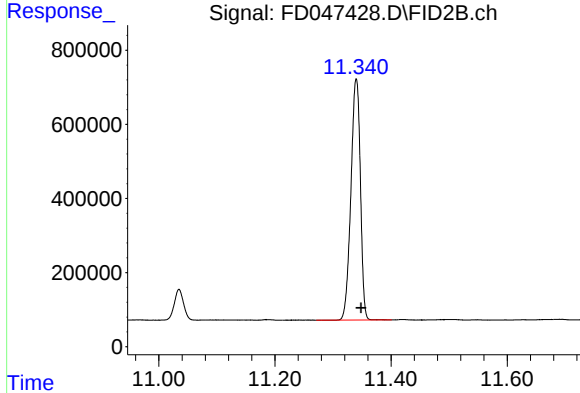
#9 Phenanthrene (C19.36)

R.T.: 10.573 min
Delta R.T.: -0.004 min
Response: 10399932
Conc: 64.22 ug/ml



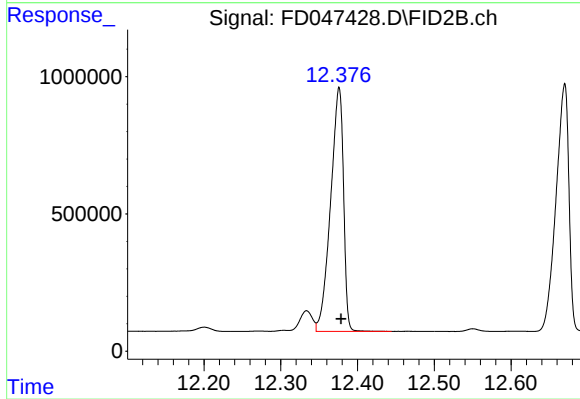
#10 Anthracene (C19.43)

R.T.: 10.649 min
Delta R.T.: -0.004 min
Response: 10222417
Conc: 69.46 ug/ml



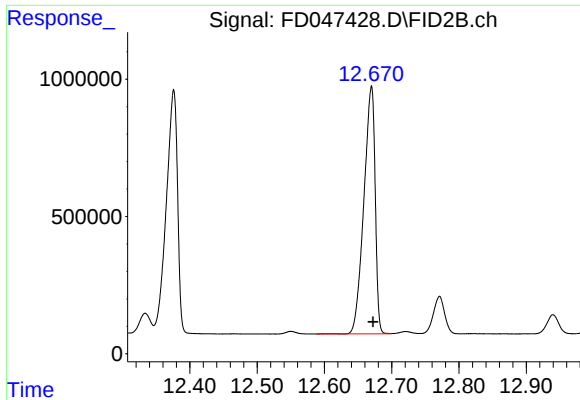
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 7352297
Conc: 39.40 ug/ml



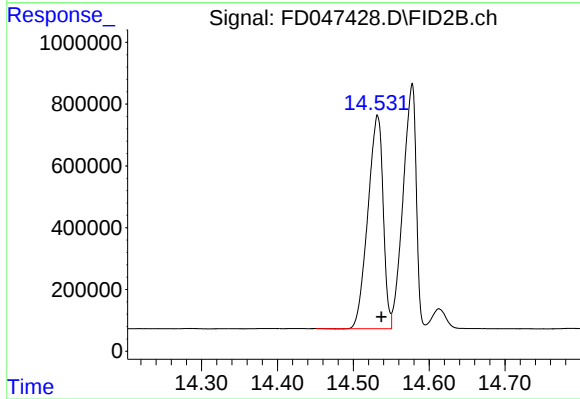
#12 Fluoranthene (C21.85)

R.T.: 12.375 min
Delta R.T.: -0.003 min
Response: 10374945
Conc: 65.08 ug/ml



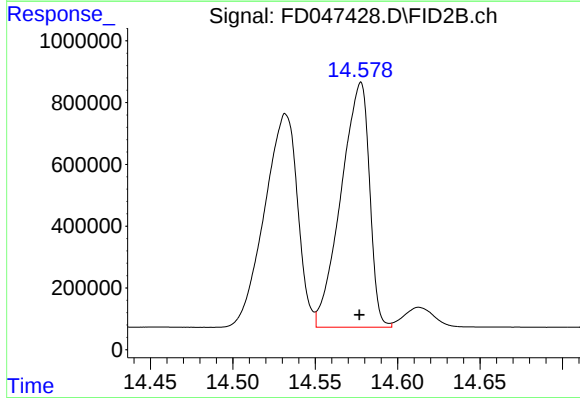
#13 Pyrene (C20.8)

R.T.: 12.669 min
Delta R.T.: -0.003 min
Response: 10507925
Conc: 67.92 ug/ml



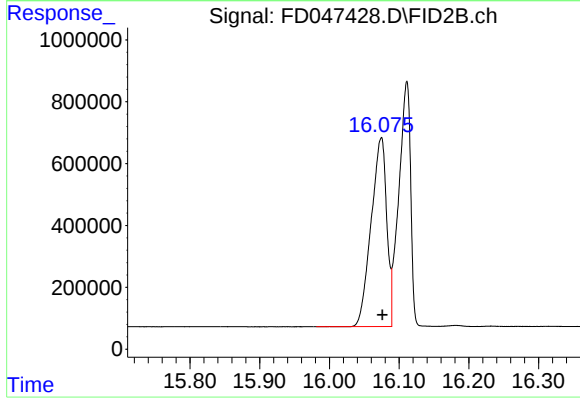
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: -0.005 min
Response: 9663803
Conc: 71.29 ug/ml



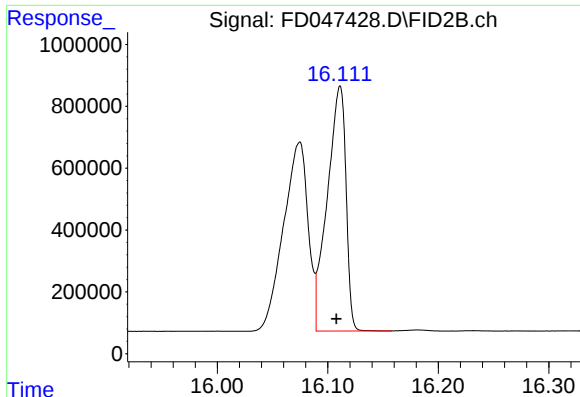
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 9511182
Conc: 64.07 ug/ml



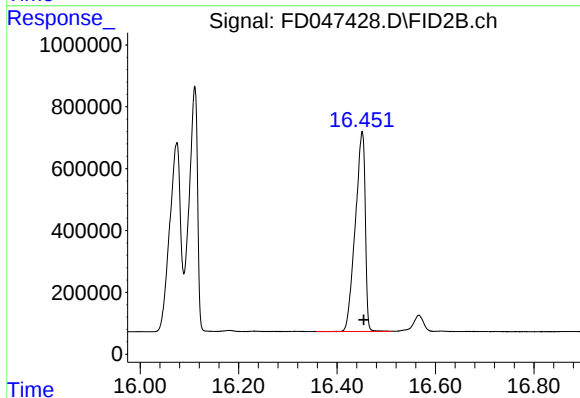
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.074 min
Delta R.T.: -0.002 min
Response: 9465034
Conc: 67.42 ug/ml



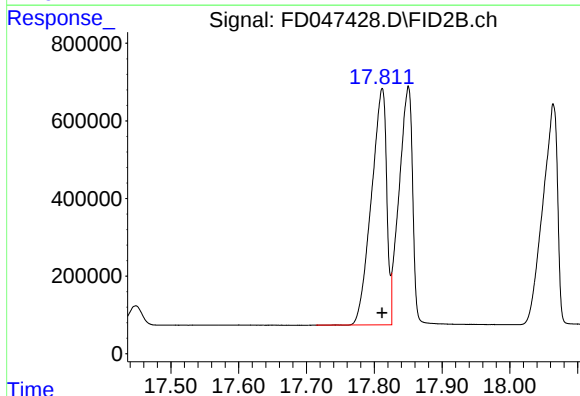
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.110 min
Delta R.T.: 0.002 min
Response: 9299748
Conc: 65.67 ug/ml



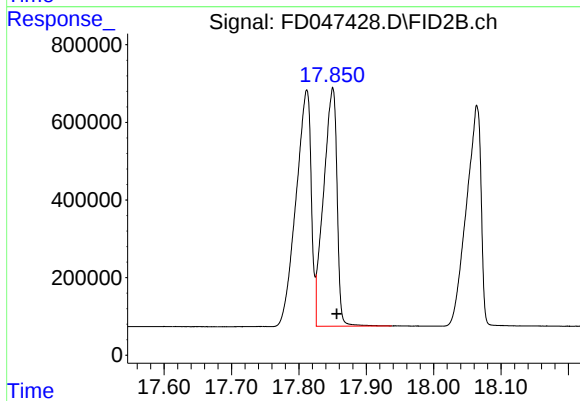
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: -0.004 min
Response: 9065278
Conc: 65.62 ug/ml



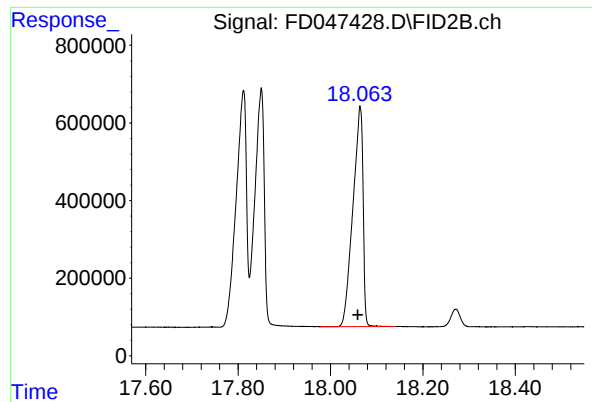
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: 0.000 min
Response: 9562117
Conc: 76.51 ug/ml



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

R.T.: 17.850 min
Delta R.T.: -0.006 min
Response: 8478670
Conc: 64.29 ug/ml



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

R.T.: 18.064 min
Delta R.T.: 0.005 min
Response: 8614780
Conc: 64.12 ug/ml