

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020624AR\
 Data File : FD047172.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2024 12:59
 Operator : YP/AJ
 Sample : P1318-02D
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 01:10:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

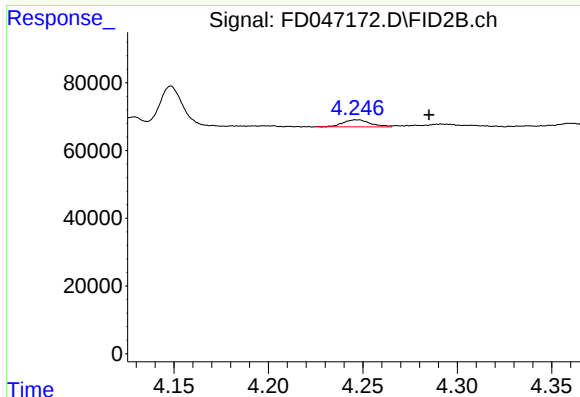
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.470	7760111	50.450 ug/ml
Spiked Amount 50.000		Recovery =	100.90%
6) S 2-Fluorobiphenyl (SURR)	8.321	4193476	41.047 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.09%
11) S ortho-Terphenyl (SURR)	11.360	7605297	42.685 ug/ml
Spiked Amount 50.000		Recovery =	85.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.247	20693	0.133 ug/ml
2) T Naphthalene (C11.7)	5.812	22938	0.137 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	80022	0.472 ug/ml
5) T Acenaphthylene (C15.06)	8.125	42325	0.273 ug/ml
7) T Acenaphthene (C15.5)	8.381	114866	0.696 ug/ml
8) T Flouorene (C16.55)	9.210	37213	0.233 ug/ml
9) T Phenanthrene (C19.36)	10.586	63276	0.400 ug/ml
12) T Fluoranthene (C21.85)	12.386	206502	1.294 ug/ml
13) T Pyrene (C20.8)	12.676	212382	1.374 ug/ml
14) T Benzo[a]anthracene (C...	14.545	75546	0.538 ug/ml
15) T Chrysene (C27.41)	14.585	93395	0.603 ug/ml
16) T benzo[b]fluoranthene ...	16.087	94718	0.653 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	46450	0.315 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	68262	0.478 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	258969	2.009 ug/ml
20) T Dibenz[a,h]anthracene...	17.823	258969	1.827 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	53302	0.388 ug/ml

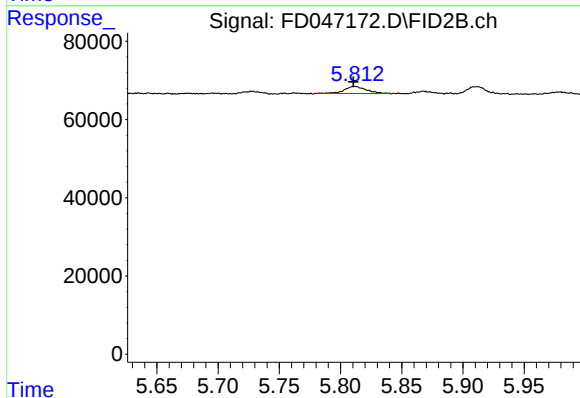
(f)=RT Delta > 1/2 Window

(m)=manual int.



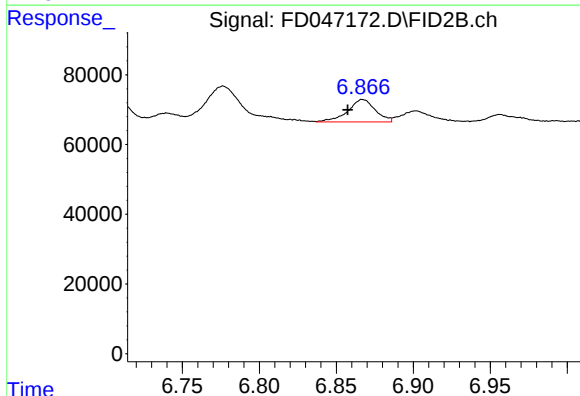
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.247 min
Delta R.T.: -0.038 min
Response: 20693
Conc: 0.13 ug/ml



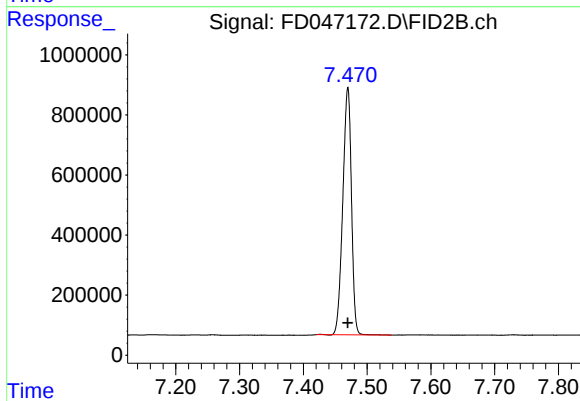
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.001 min
Response: 22938
Conc: 0.14 ug/ml



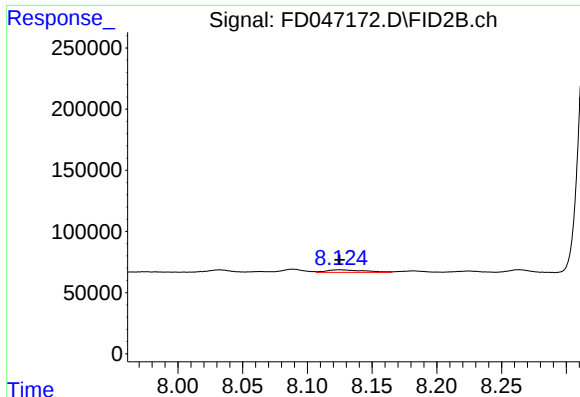
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: 0.010 min
Response: 80022
Conc: 0.47 ug/ml



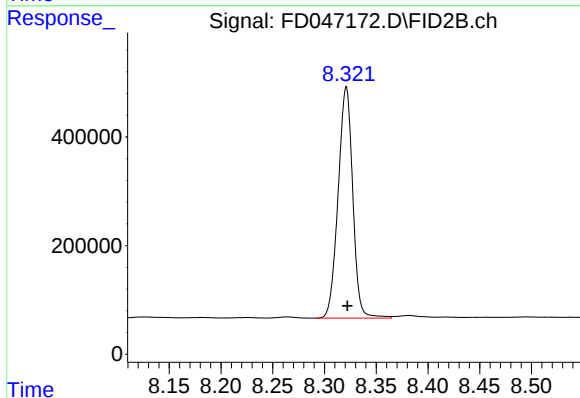
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 7760111
Conc: 50.45 ug/ml



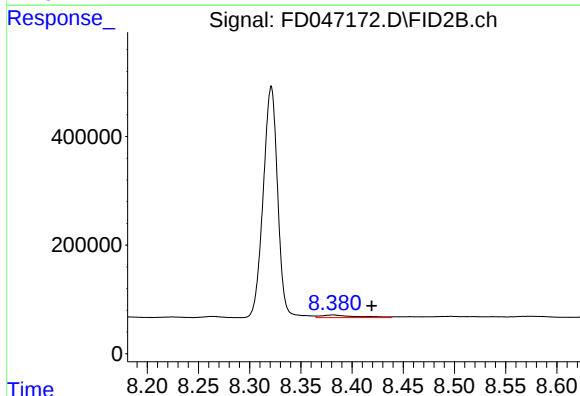
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 42325
Conc: 0.27 ug/ml



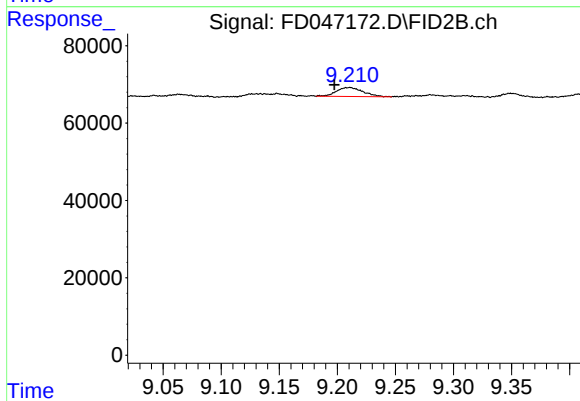
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: -0.001 min
Response: 4193476
Conc: 41.05 ug/ml



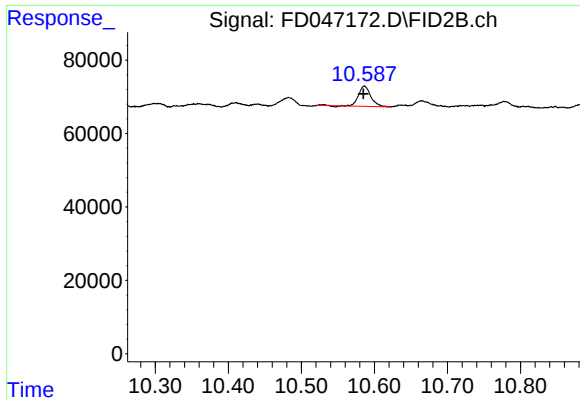
#7 Acenaphthene (C15.5)

R.T.: 8.381 min
Delta R.T.: -0.038 min
Response: 114866
Conc: 0.70 ug/ml



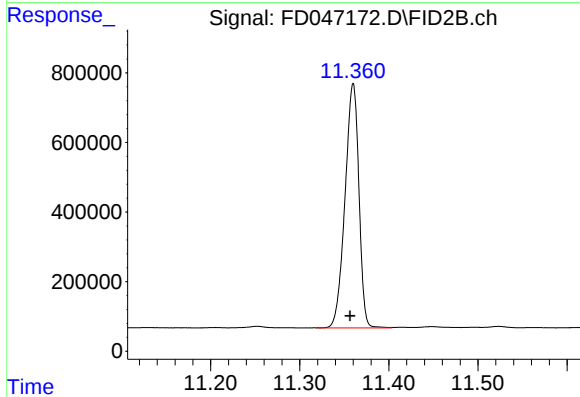
#8 Fluorene (C16.55)

R.T.: 9.210 min
Delta R.T.: 0.013 min
Response: 37213
Conc: 0.23 ug/ml



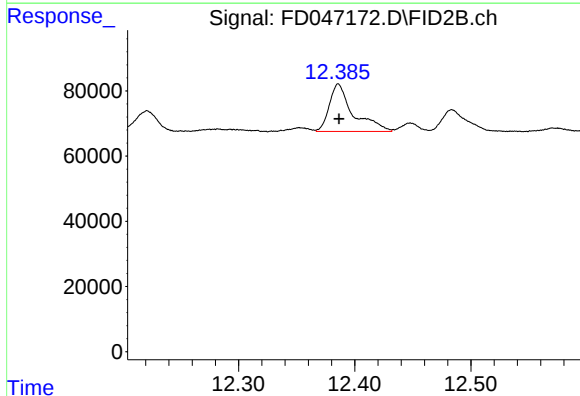
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.002 min
Response: 63276
Conc: 0.40 ug/ml



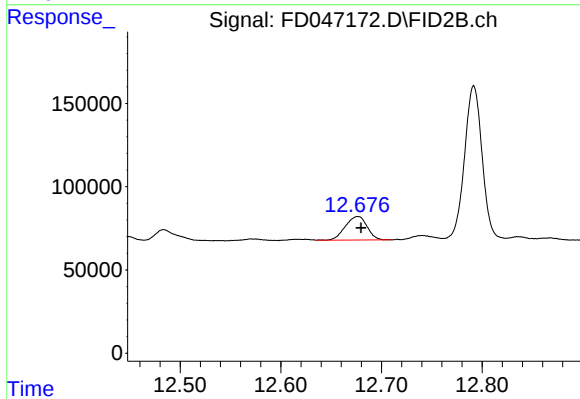
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.003 min
Response: 7605297
Conc: 42.69 ug/ml



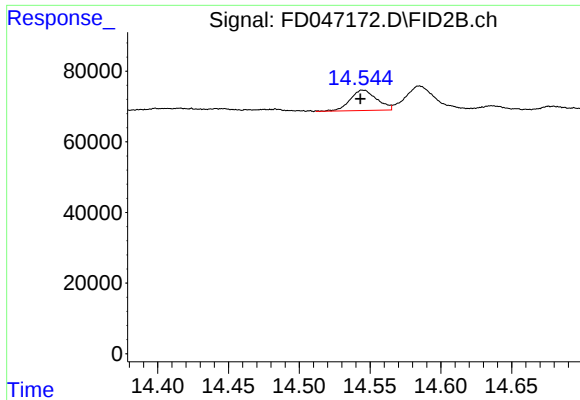
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 206502
Conc: 1.29 ug/ml



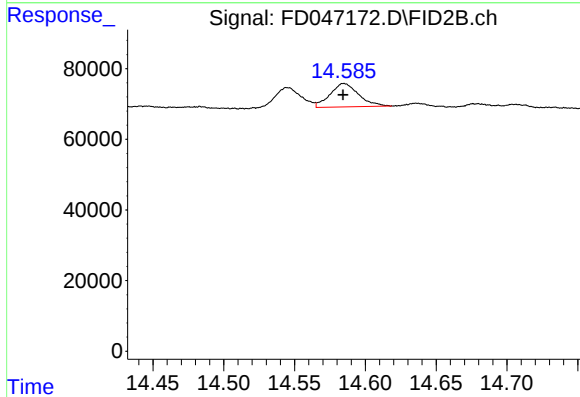
#13 Pyrene (C20.8)

R.T.: 12.676 min
Delta R.T.: -0.003 min
Response: 212382
Conc: 1.37 ug/ml



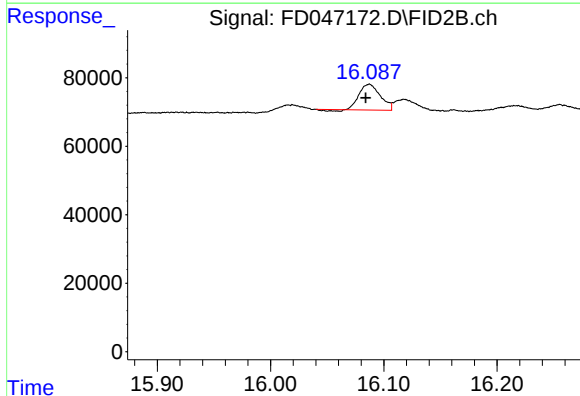
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 75546
Conc: 0.54 ug/ml



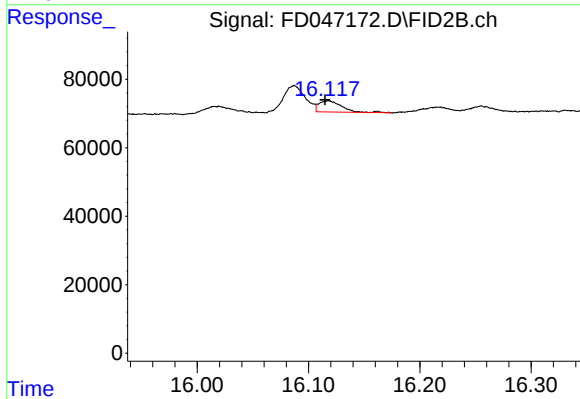
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 93395
Conc: 0.60 ug/ml



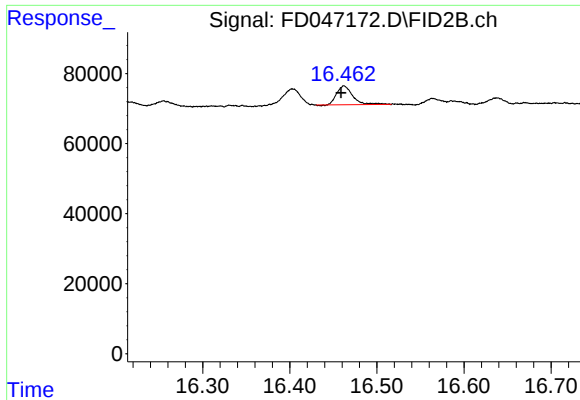
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 94718
Conc: 0.65 ug/ml



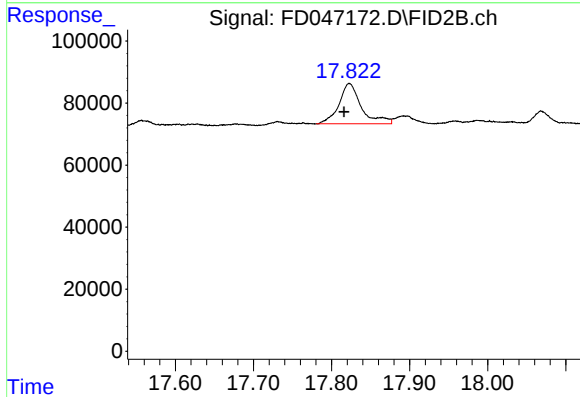
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.003 min
Response: 46450
Conc: 0.32 ug/ml



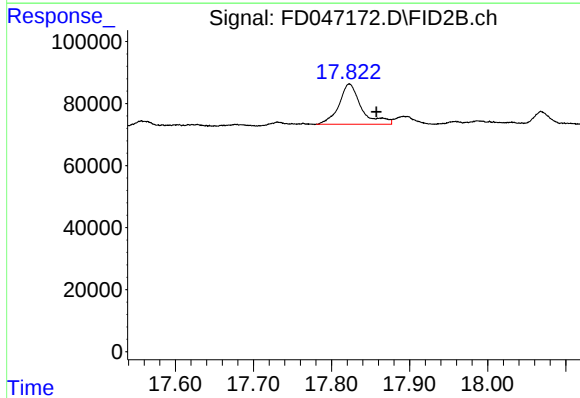
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.003 min
Response: 68262
Conc: 0.48 ug/ml



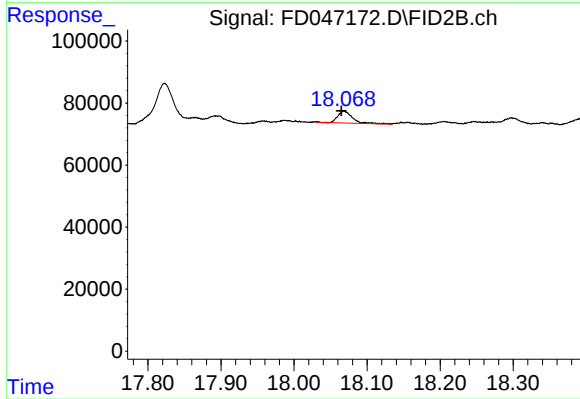
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.823 min
Delta R.T.: 0.007 min
Response: 258969
Conc: 2.01 ug/ml



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

R.T.: 17.823 min
Delta R.T.: -0.034 min
Response: 258969
Conc: 1.83 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.004 min
Response: 53302
Conc: 0.39 ug/ml