

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032724AR\
 Data File : FD047432.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2024 21:07
 Operator : YP/AJ
 Sample : P1863-02MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:34:20 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

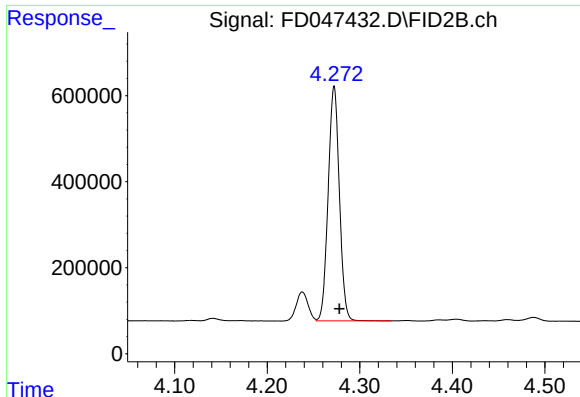
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.454	7072109	42.819 ug/ml
Spiked Amount 50.000		Recovery =	85.64%
6) S 2-Fluorobiphenyl (SURR)	8.306	4013782	37.722 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.44%
11) S ortho-Terphenyl (SURR)	11.340	6210529	33.278 ug/ml
Spiked Amount 50.000		Recovery =	66.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	4593622	25.847 ug/ml
2) T Naphthalene (C11.7)	5.795	5349009	29.331 ug/ml
3) T 2-Methylnaphthalene (...)	6.842	5620211	30.816 ug/ml
5) T Acenaphthylene (C15.06)	8.110	5914674	35.477 ug/mlm
7) T Acenaphthene (C15.5)	8.405	5909241	33.541 ug/ml
8) T Flouorene (C16.55)	9.183	6252815	37.120 ug/ml
9) T Phenanthrene (C19.36)	10.571	6883029	42.500 ug/mlm
10) T Anthracene (C19.43)	10.645	6152042	41.802 ug/ml
12) T Fluoranthene (C21.85)	12.374	7582520	47.562 ug/ml
13) T Pyrene (C20.8)	12.668	7379629	47.700 ug/ml
14) T Benzo[a]anthracene (C...	14.530	6460405	47.657 ug/ml
15) T Chrysene (C27.41)	14.573	6556509	44.168 ug/ml
16) T benzo[b]fluoranthene ...	16.073	6510854	46.380 ug/ml
17) T Bnezo[k]fluoranthene ...	16.106	5987128	42.279 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	5903086	42.733 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	6312924	50.510 ug/ml
20) T Dibenz[a,h]anthracene...	17.846	5761446	43.689 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	5615192	41.791 ug/ml

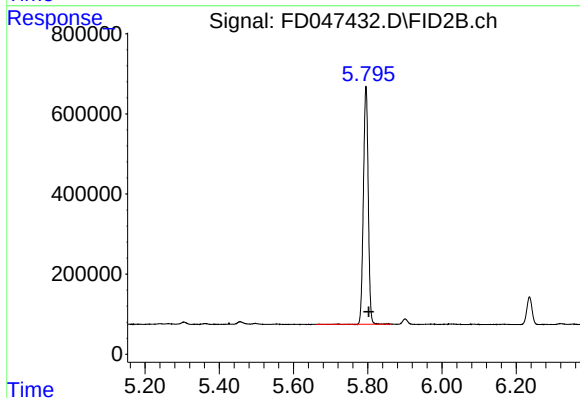
(f)=RT Delta > 1/2 Window

(m)=manual int.



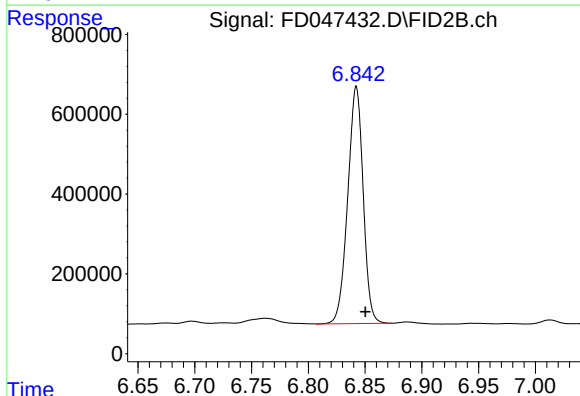
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.272 min
Delta R.T.: -0.006 min
Response: 4593622
Conc: 25.85 ug/ml



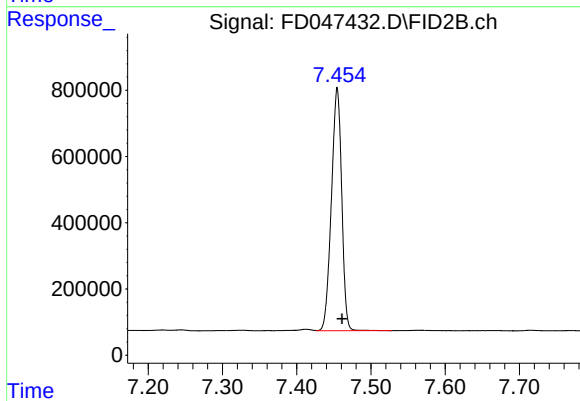
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 5349009
Conc: 29.33 ug/ml



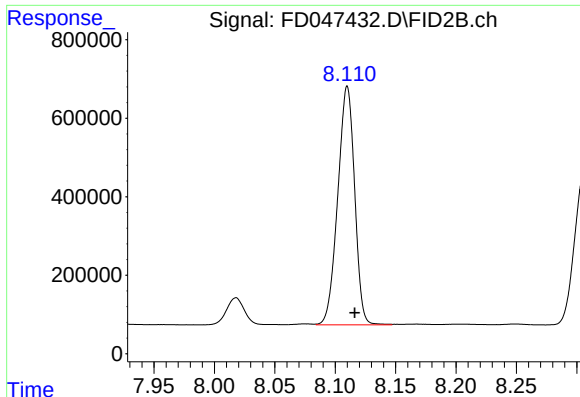
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 5620211
Conc: 30.82 ug/ml



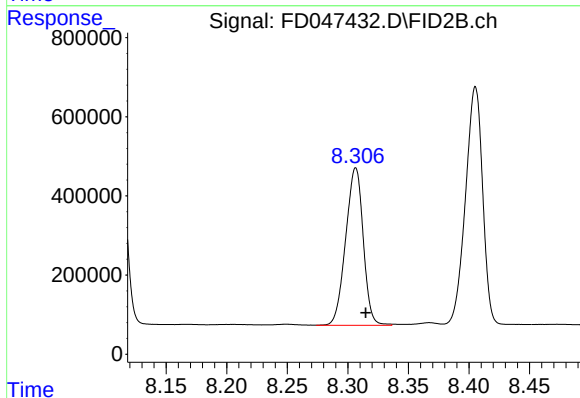
#4 2-Bromonaphthalene (SURR)

R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 7072109
Conc: 42.82 ug/ml



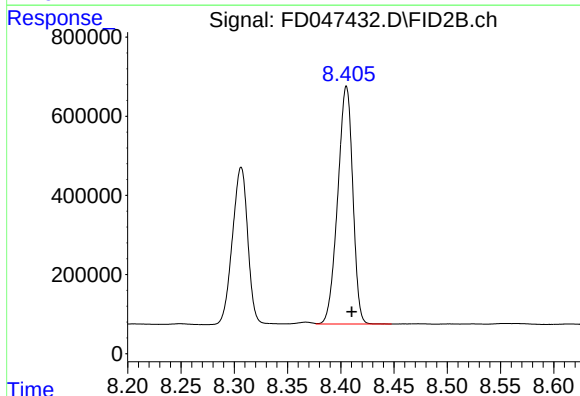
#5 Acenaphthylene (C15.06)

R.T.: 8.110 min
Delta R.T.: -0.006 min
Response: 5914674
Conc: 35.48 ug/ml m



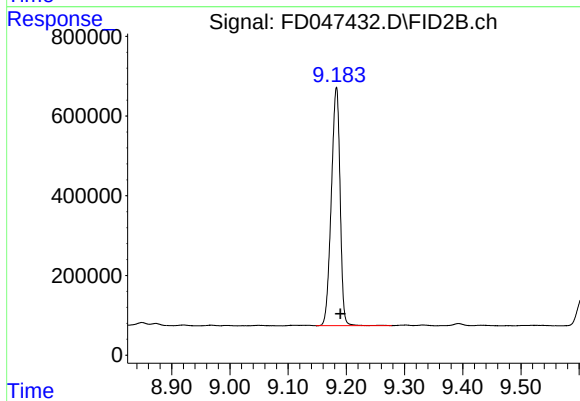
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.306 min
Delta R.T.: -0.009 min
Response: 4013782
Conc: 37.72 ug/ml m



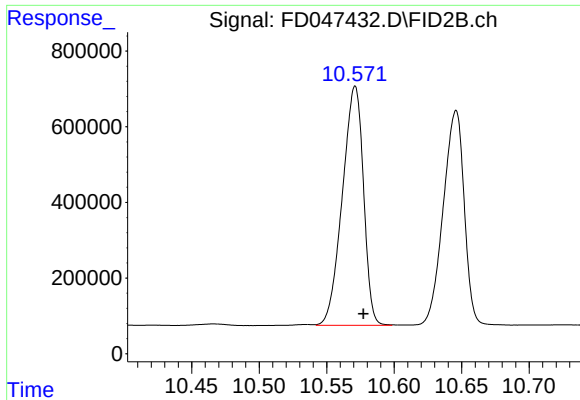
#7 Acenaphthene (C15.5)

R.T.: 8.405 min
Delta R.T.: -0.005 min
Response: 5909241
Conc: 33.54 ug/ml



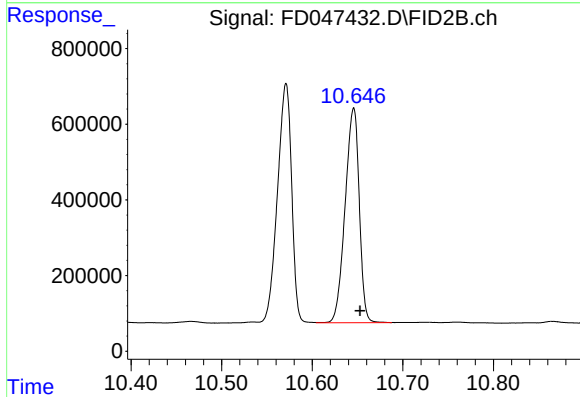
#8 Flouorene (C16.55)

R.T.: 9.183 min
Delta R.T.: -0.007 min
Response: 6252815
Conc: 37.12 ug/ml



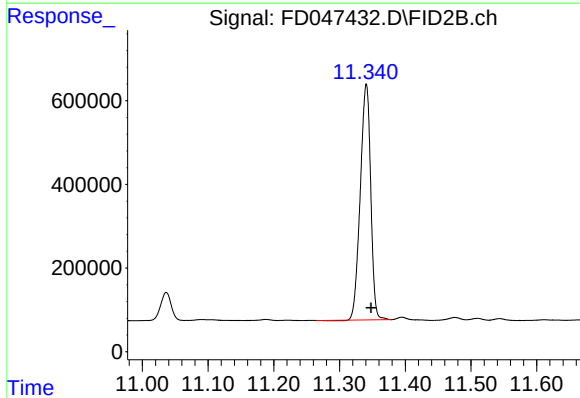
#9 Phenanthrene (C19.36)

R.T.: 10.571 min
Delta R.T.: -0.007 min
Response: 6883029
Conc: 42.50 ug/ml m



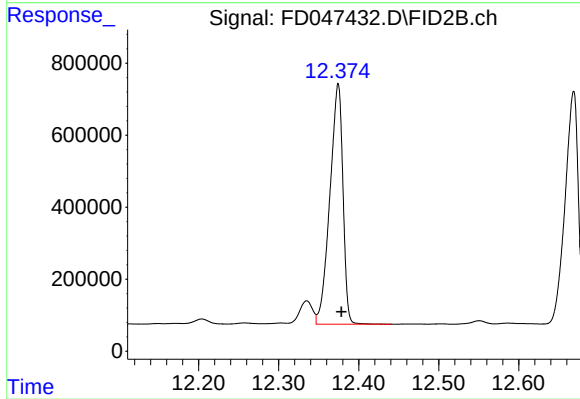
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: -0.008 min
Response: 6152042
Conc: 41.80 ug/ml



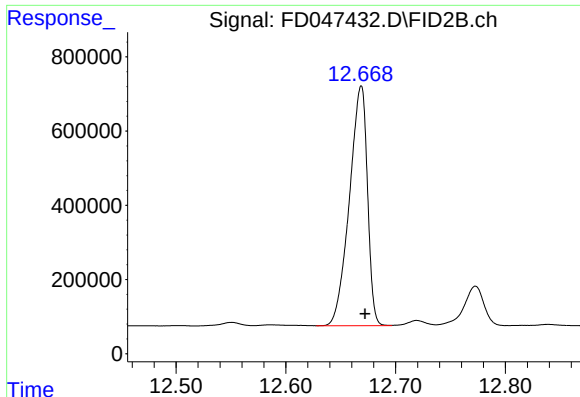
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 6210529
Conc: 33.28 ug/ml



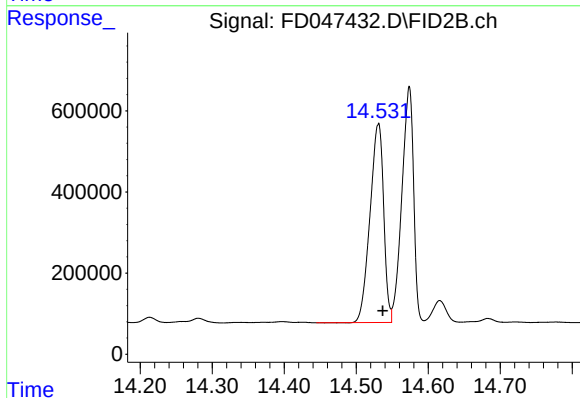
#12 Fluoranthene (C21.85)

R.T.: 12.374 min
Delta R.T.: -0.005 min
Response: 7582520
Conc: 47.56 ug/ml



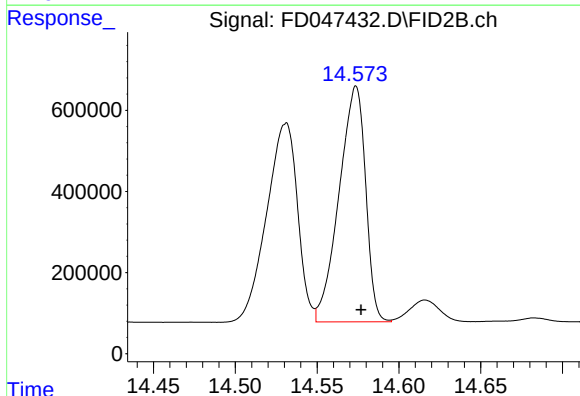
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.004 min
Response: 7379629
Conc: 47.70 ug/ml



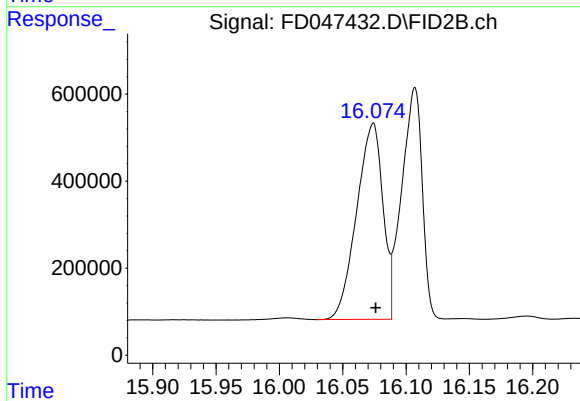
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.530 min
Delta R.T.: -0.007 min
Response: 6460405
Conc: 47.66 ug/ml



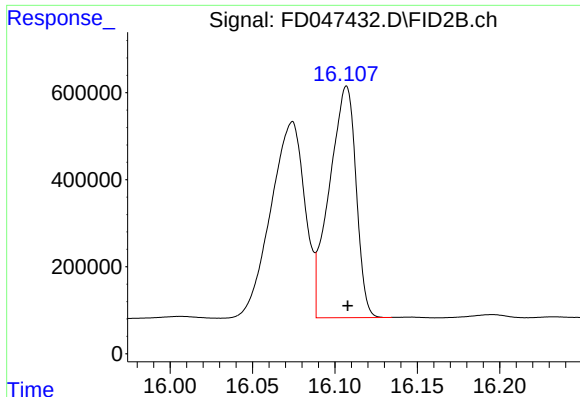
#15 Chrysene (C27.41)

R.T.: 14.573 min
Delta R.T.: -0.004 min
Response: 6556509
Conc: 44.17 ug/ml



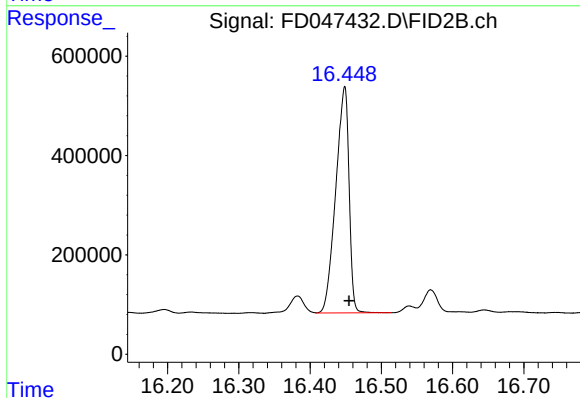
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.073 min
Delta R.T.: -0.003 min
Response: 6510854
Conc: 46.38 ug/ml



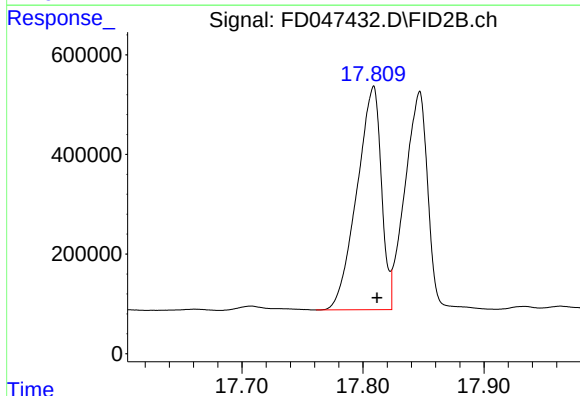
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.001 min
Response: 5987128
Conc: 42.28 ug/ml



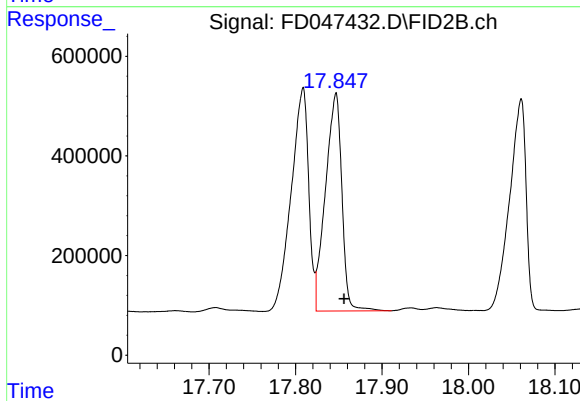
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: -0.007 min
Response: 5903086
Conc: 42.73 ug/ml



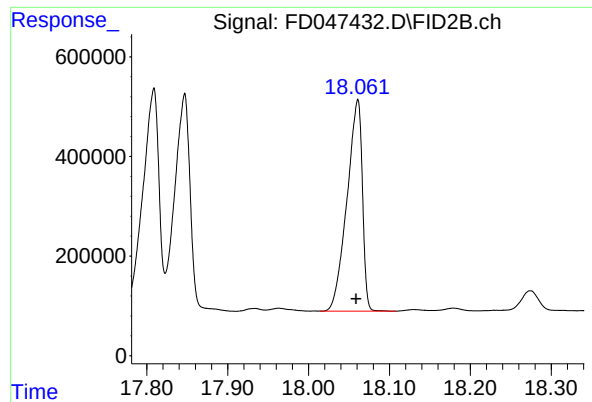
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: -0.004 min
Response: 6312924
Conc: 50.51 ug/ml



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

R.T.: 17.846 min
Delta R.T.: -0.010 min
Response: 5761446
Conc: 43.69 ug/ml



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

R.T.: 18.060 min
Delta R.T.: 0.001 min
Response: 5615192
Conc: 41.79 ug/ml