

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120721AR\
 Data File : FD039751.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 14:41
 Operator : AJ\MA
 Sample : SOIL IDOC 03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 00:23:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 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...	7.740	6162271	55.079 ug/ml
Spiked Amount 50.000		Recovery =	110.16%
6) S 2-Fluorobiphenyl (SURR)	8.610	4161655	55.491 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.98%
11) S ortho-Terphenyl (SURR)	11.653	6816686	55.116 ug/ml
Spiked Amount 50.000		Recovery =	110.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	4692029	37.882 ug/ml
2) T Naphthalene (C11.7)	6.075	5410202	42.306 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	5445229	41.910 ug/ml
5) T Acenaphthylene (C15.06)	8.411	5667044	47.196 ug/ml
7) T Acenaphthene (C15.5)	8.708	6046583	47.479 ug/ml
8) T Fluorene (C16.55)	9.491	5915412	48.156 ug/ml
9) T Phenanthrene (C19.36)	10.893	6101063	50.865 ug/ml
10) T Anthracene (C19.43)	10.969	6014171	50.212 ug/ml
12) T Fluoranthene (C21.85)	12.710	6134947	51.463 ug/ml
13) T Pyrene (C20.8)	13.010	5992619	52.706 ug/ml
14) T Benzo[a]anthracene (C...	14.884	5590611	57.196 ug/ml
15) T Chrysene (C27.41)	14.928	6246563	54.867 ug/ml
16) T benzo[b]fluoranthene ...	16.474	5668866	57.624 ug/ml
17) T Bnezo[k]fluoranthene ...	16.474	5668866	53.569 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.820	5472418	56.781 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.225	5451257	58.480 ug/ml
20) T Dibenz[a,h]anthracene...	18.225	5451257	53.224 ug/ml
21) T Benzo[g,h,i]perylene ...	18.448	5374853	54.377 ug/ml

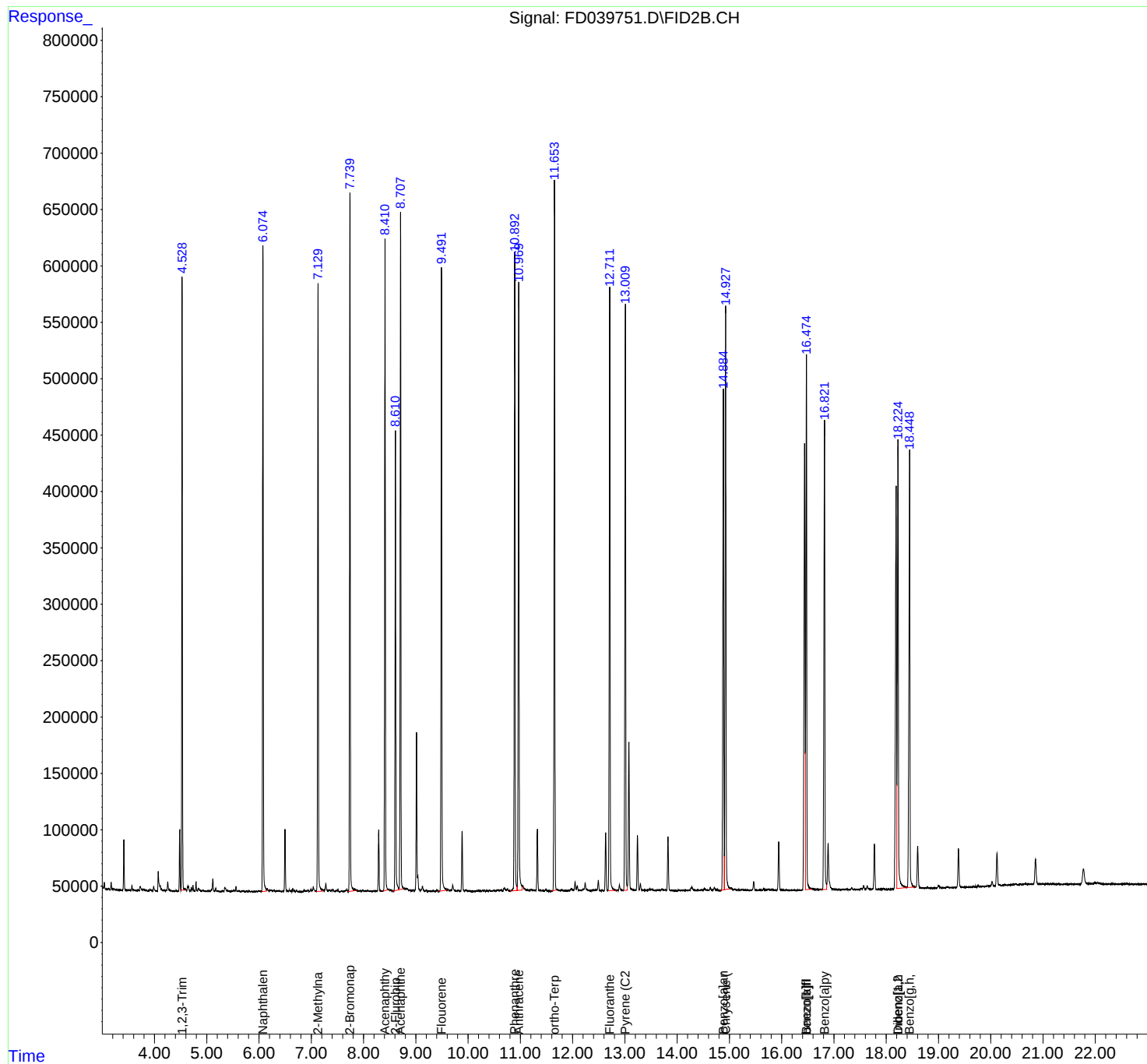
(f)=RT Delta > 1/2 Window

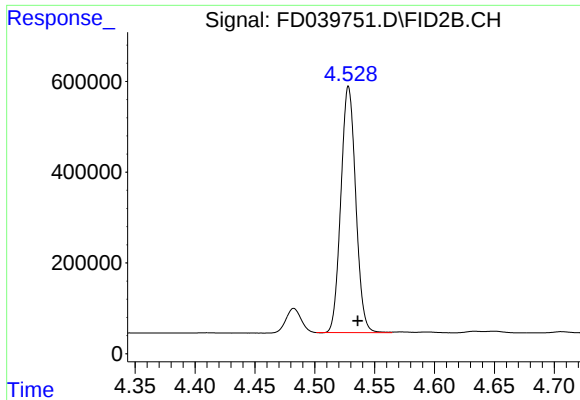
(m)=manual int.

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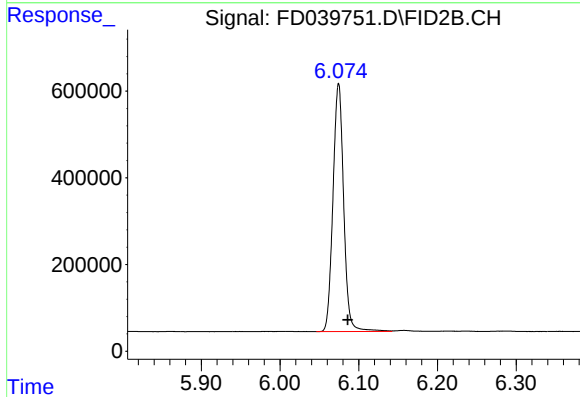
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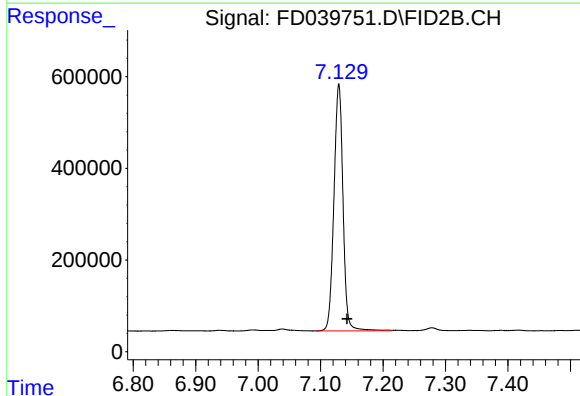
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 4692029
Conc: 37.88 ug/ml



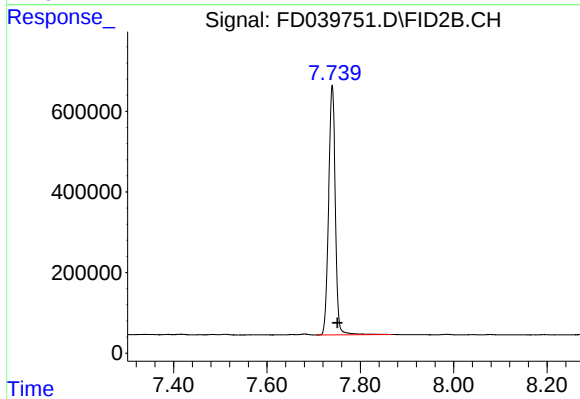
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 5410202
Conc: 42.31 ug/ml



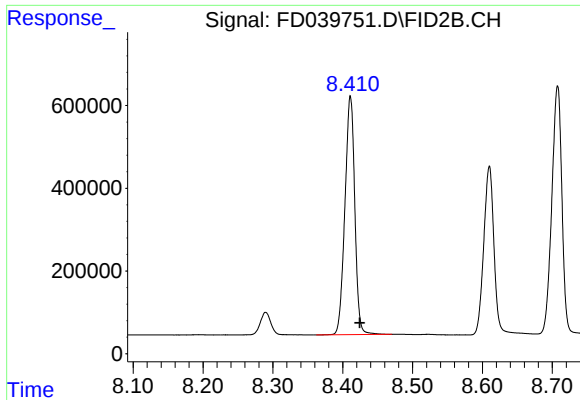
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: -0.013 min
Response: 5445229
Conc: 41.91 ug/ml



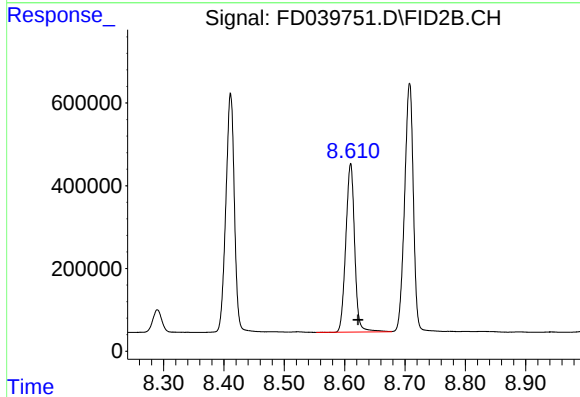
#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.011 min
Response: 6162271
Conc: 55.08 ug/ml



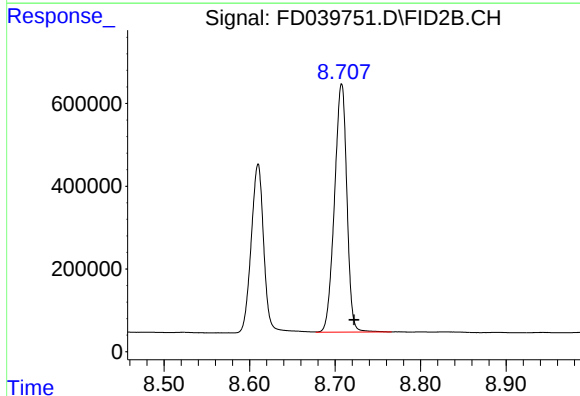
#5 Acenaphthylene (C15.06)

R.T.: 8.411 min
Delta R.T.: -0.013 min
Response: 5667044
Conc: 47.20 ug/ml



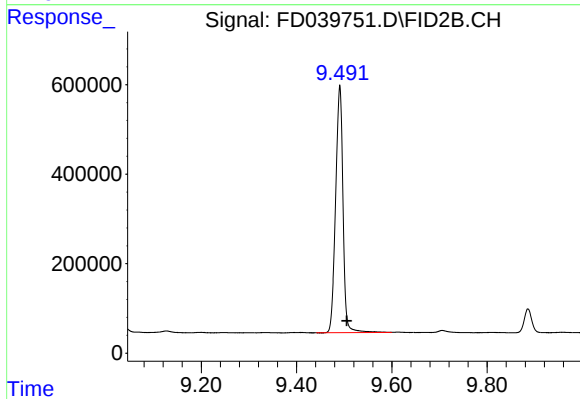
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: -0.012 min
Response: 4161655
Conc: 55.49 ug/ml



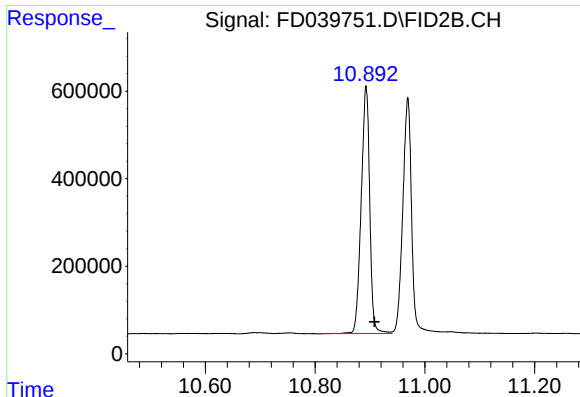
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: -0.015 min
Response: 6046583
Conc: 47.48 ug/ml



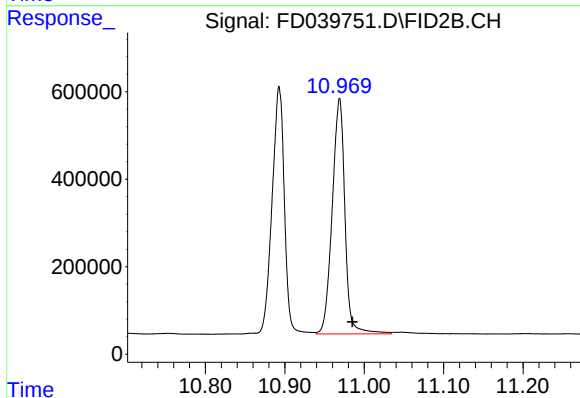
#8 Fluorene (C16.55)

R.T.: 9.491 min
Delta R.T.: -0.014 min
Response: 5915412
Conc: 48.16 ug/ml



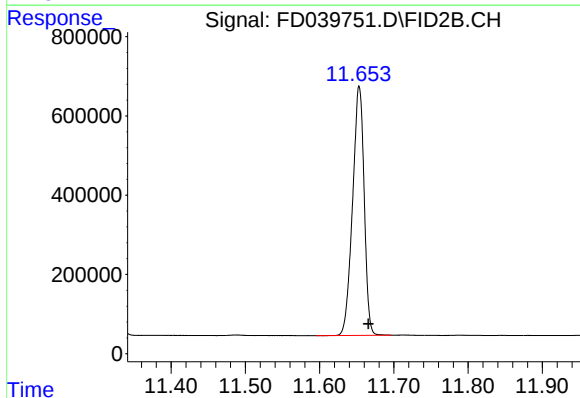
#9 Phenanthrene (C19.36)

R.T.: 10.893 min
Delta R.T.: -0.015 min
Response: 6101063
Conc: 50.86 ug/ml



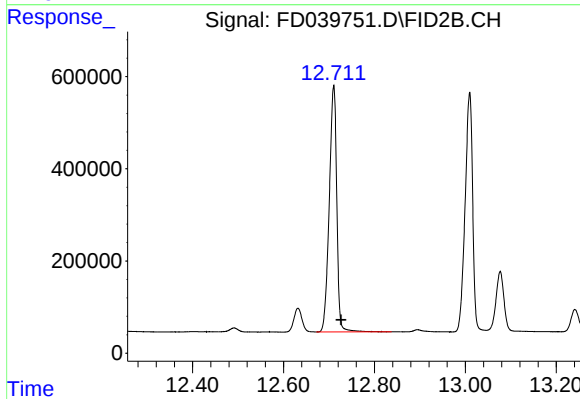
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: -0.016 min
Response: 6014171
Conc: 50.21 ug/ml



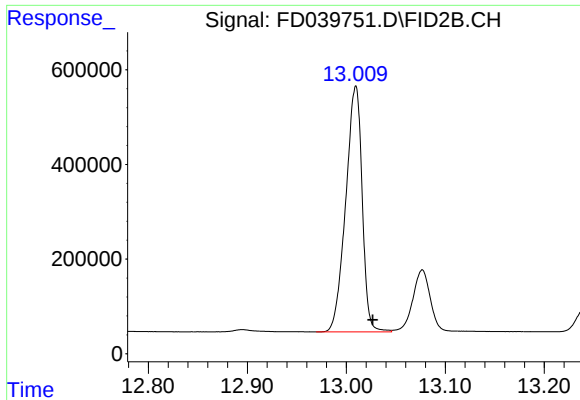
#11 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.012 min
Response: 6816686
Conc: 55.12 ug/ml



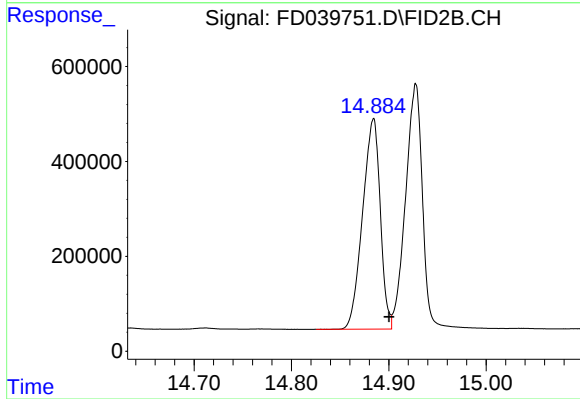
#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: -0.016 min
Response: 6134947
Conc: 51.46 ug/ml



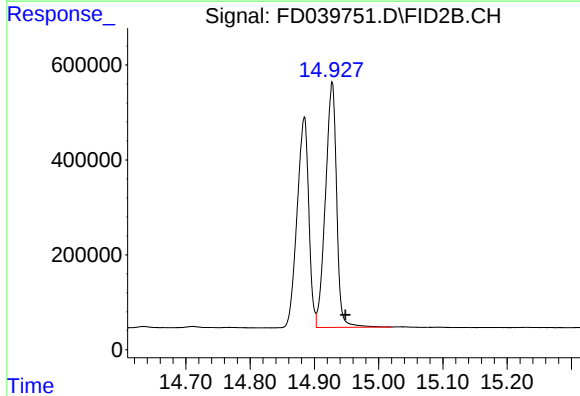
#13 Pyrene (C20.8)

R.T.: 13.010 min
Delta R.T.: -0.017 min
Response: 5992619
Conc: 52.71 ug/ml



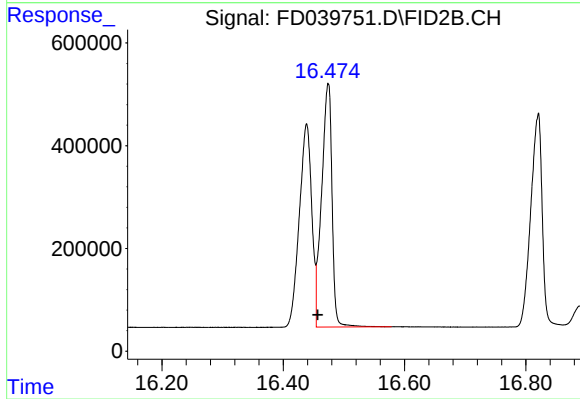
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min
Delta R.T.: -0.016 min
Response: 5590611
Conc: 57.20 ug/ml



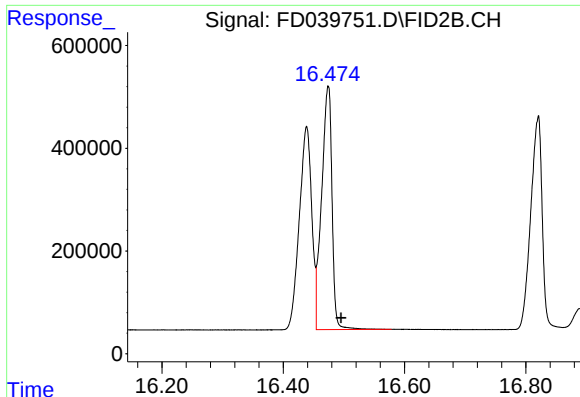
#15 Chrysene (C27.41)

R.T.: 14.928 min
Delta R.T.: -0.021 min
Response: 6246563
Conc: 54.87 ug/ml



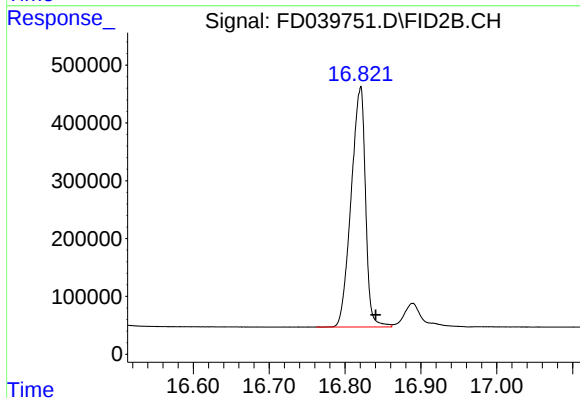
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.474 min
Delta R.T.: 0.017 min
Response: 5668866
Conc: 57.62 ug/ml



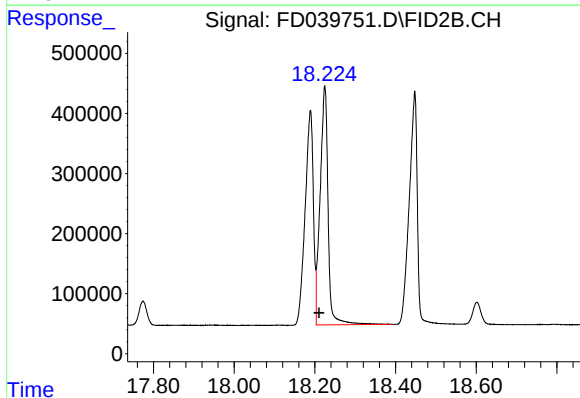
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.474 min
Delta R.T.: -0.021 min
Response: 5668866
Conc: 53.57 ug/ml



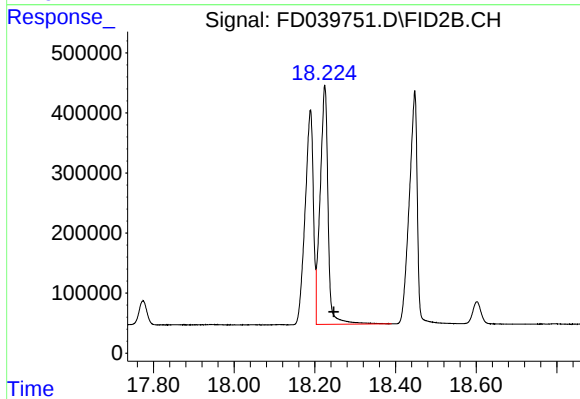
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.820 min
Delta R.T.: -0.020 min
Response: 5472418
Conc: 56.78 ug/ml



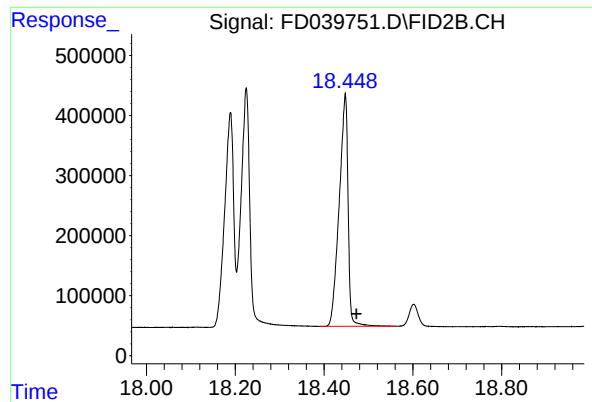
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.225 min
Delta R.T.: 0.014 min
Response: 5451257
Conc: 58.48 ug/ml



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

R.T.: 18.225 min
Delta R.T.: -0.023 min
Response: 5451257
Conc: 53.22 ug/ml



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

R.T.: 18.448 min
Delta R.T.: -0.025 min
Response: 5374853
Conc: 54.38 ug/ml