

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120721AR\
 Data File : FD039752.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 15:20
 Operator : AJ\MA
 Sample : SOIL IDOC 04
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 00:23:27 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	5953707	53.214 ug/ml
Spiked Amount 50.000		Recovery =	106.43%
6) S 2-Fluorobiphenyl (SURR)	8.610	4027654	53.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.41%
11) S ortho-Terphenyl (SURR)	11.654	6579107	53.195 ug/ml
Spiked Amount 50.000		Recovery =	106.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	4552483	36.756 ug/ml
2) T Naphthalene (C11.7)	6.075	5237126	40.953 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	5240958	40.338 ug/ml
5) T Acenaphthylene (C15.06)	8.411	5482990	45.664 ug/ml
7) T Acenaphthene (C15.5)	8.708	5851741	45.949 ug/ml
8) T Fluorene (C16.55)	9.491	5715028	46.525 ug/ml
9) T Phenanthrene (C19.36)	10.893	5877389	49.000 ug/ml
10) T Anthracene (C19.43)	10.969	5795257	48.384 ug/ml
12) T Fluoranthene (C21.85)	12.711	5929268	49.738 ug/ml
13) T Pyrene (C20.8)	13.009	5791629	50.939 ug/ml
14) T Benzo[a]anthracene (C...	14.883	5428785	55.540 ug/ml
15) T Chrysene (C27.41)	14.927	6079401	53.399 ug/ml
16) T benzo[b]fluoranthene ...	16.439	5482282	55.728 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.473	5508289	52.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.820	5325716	55.259 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.189	4892507	52.486 ug/mlm
20) T Dibenz[a,h]anthracene...	18.224	5314787	51.891 ug/ml
21) T Benzo[g,h,i]perylene ...	18.447	5229465	52.906 ug/ml

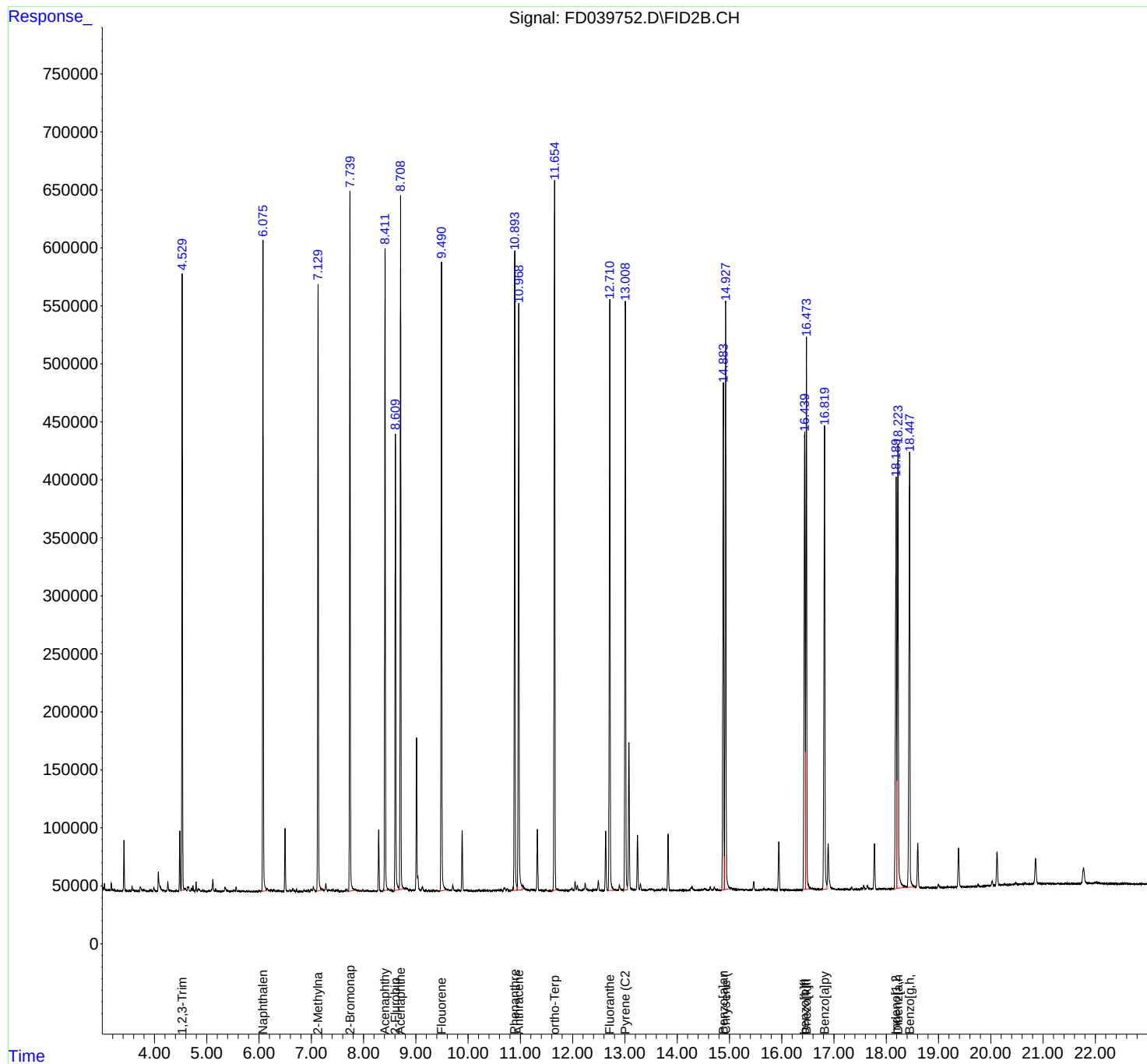
(f)=RT Delta > 1/2 Window

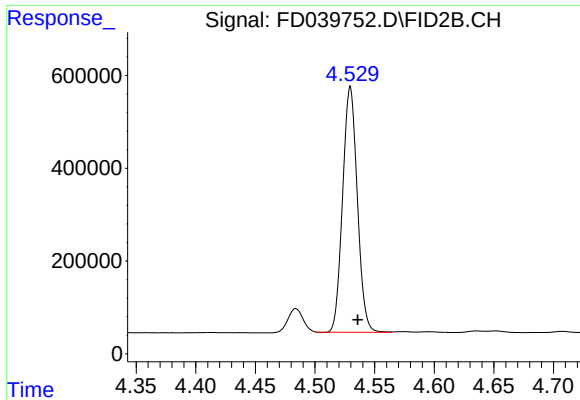
(m)=manual int.

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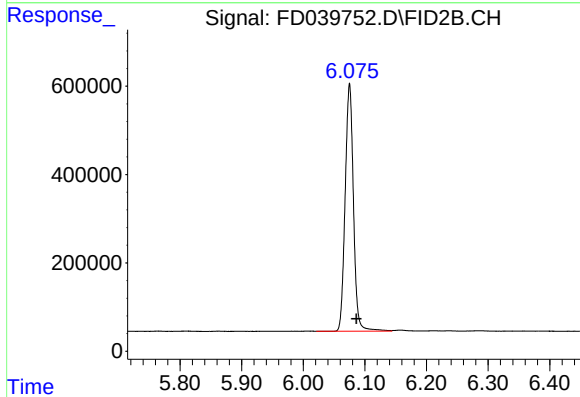
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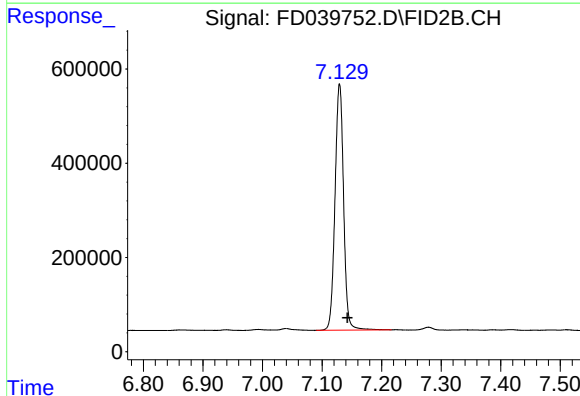
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.530 min
Delta R.T.: -0.006 min
Response: 4552483
Conc: 36.76 ug/ml



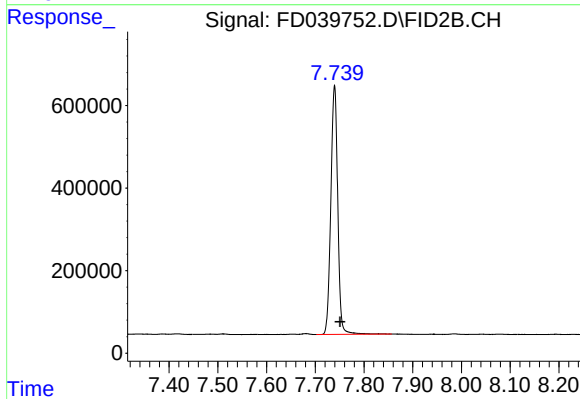
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 5237126
Conc: 40.95 ug/ml



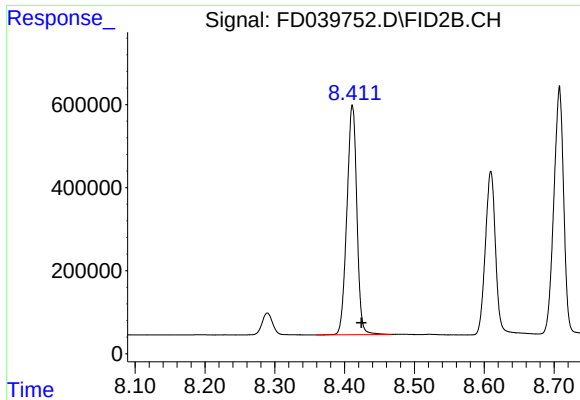
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: -0.013 min
Response: 5240958
Conc: 40.34 ug/ml



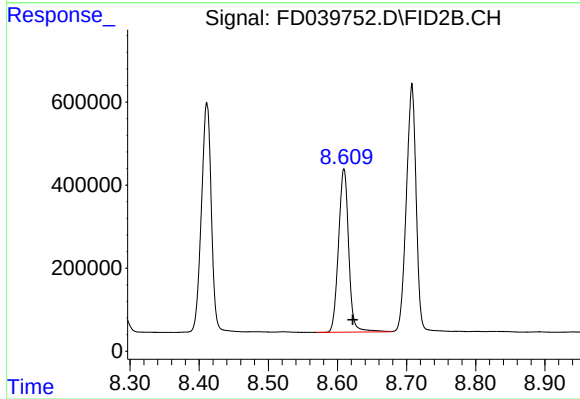
#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.011 min
Response: 5953707
Conc: 53.21 ug/ml



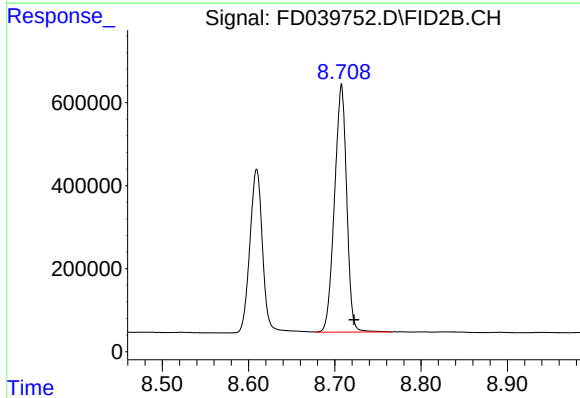
#5 Acenaphthylene (C15.06)

R.T.: 8.411 min
Delta R.T.: -0.013 min
Response: 5482990
Conc: 45.66 ug/ml



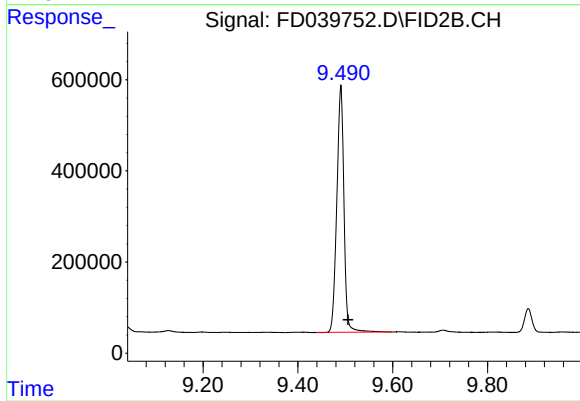
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: -0.013 min
Response: 4027654
Conc: 53.70 ug/ml



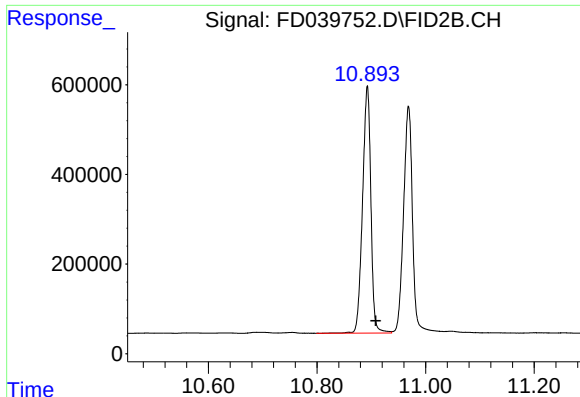
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: -0.015 min
Response: 5851741
Conc: 45.95 ug/ml



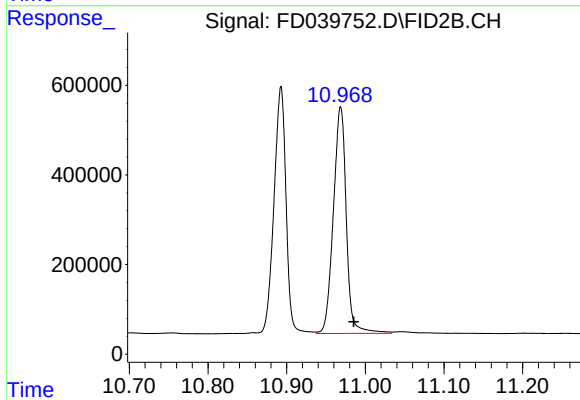
#8 Fluorene (C16.55)

R.T.: 9.491 min
Delta R.T.: -0.015 min
Response: 5715028
Conc: 46.53 ug/ml



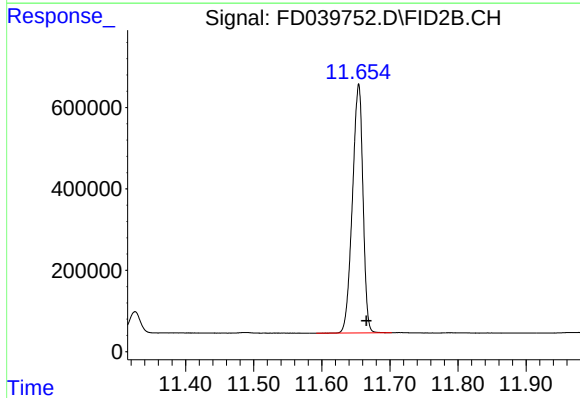
#9 Phenanthrene (C19.36)

R.T.: 10.893 min
Delta R.T.: -0.015 min
Response: 5877389
Conc: 49.00 ug/ml



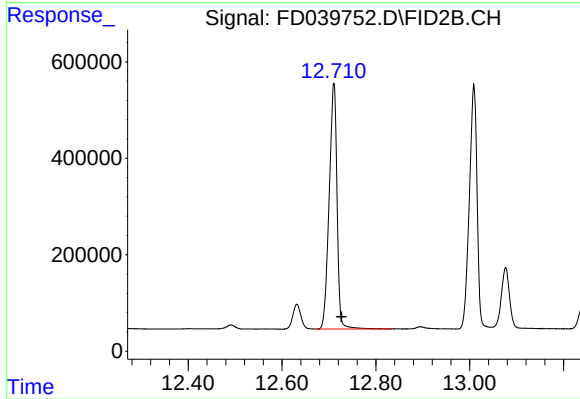
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: -0.017 min
Response: 5795257
Conc: 48.38 ug/ml



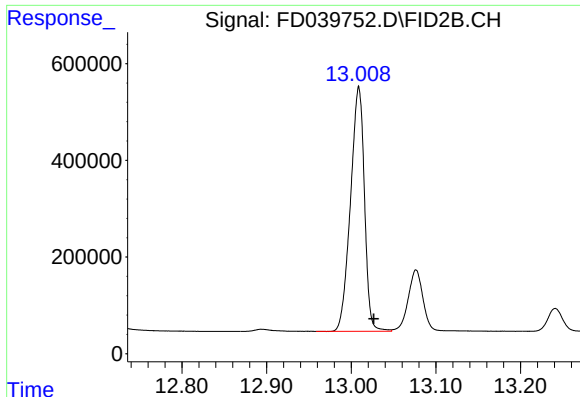
#11 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.011 min
Response: 6579107
Conc: 53.20 ug/ml



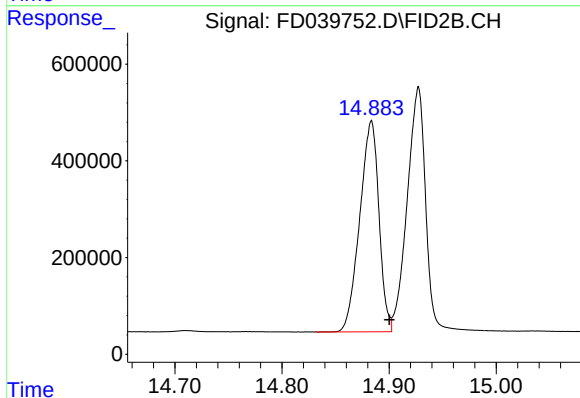
#12 Fluoranthene (C21.85)

R.T.: 12.711 min
Delta R.T.: -0.016 min
Response: 5929268
Conc: 49.74 ug/ml



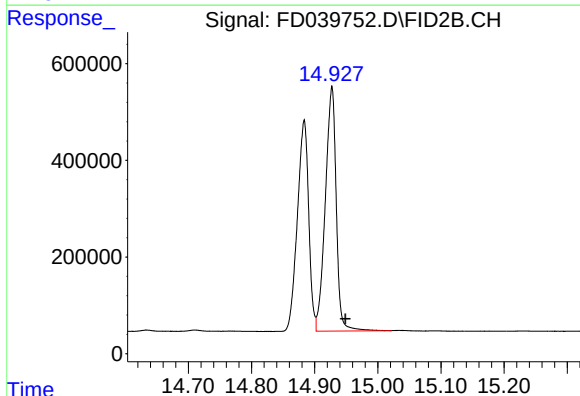
#13 Pyrene (C20.8)

R.T.: 13.009 min
Delta R.T.: -0.018 min
Response: 5791629
Conc: 50.94 ug/ml



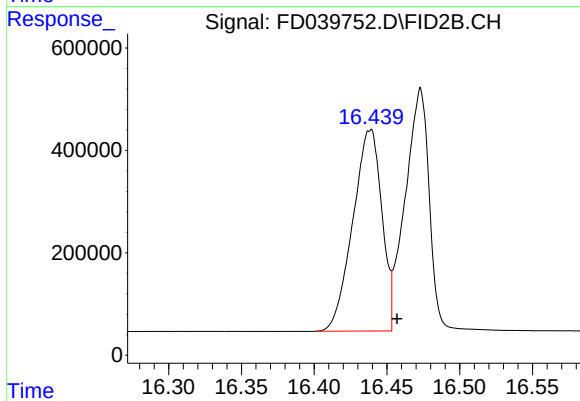
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.883 min
Delta R.T.: -0.017 min
Response: 5428785
Conc: 55.54 ug/ml



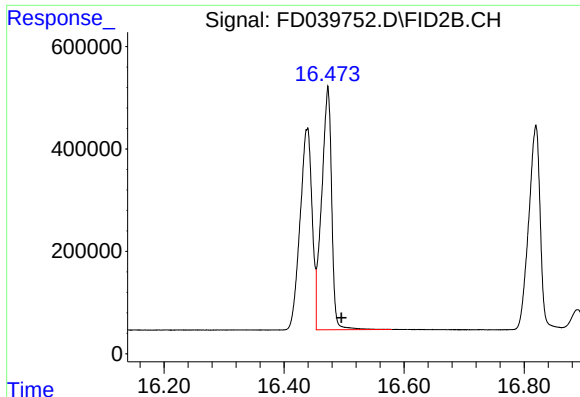
#15 Chrysene (C27.41)

R.T.: 14.927 min
Delta R.T.: -0.021 min
Response: 6079401
Conc: 53.40 ug/ml



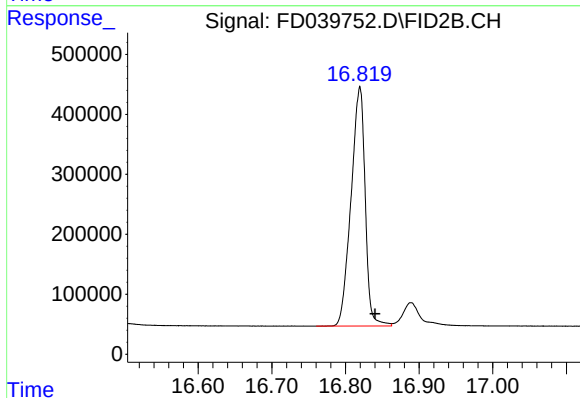
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.439 min
Delta R.T.: -0.018 min
Response: 5482282
Conc: 55.73 ug/ml m



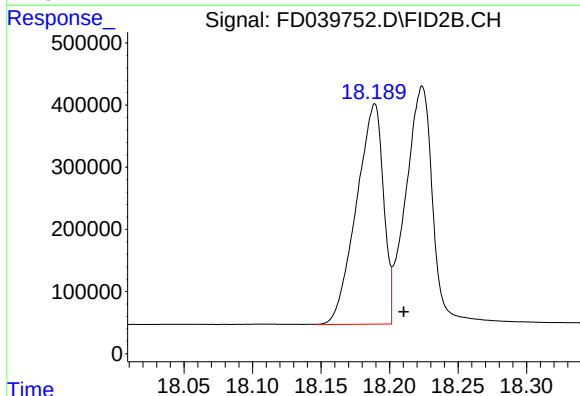
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.473 min
Delta R.T.: -0.023 min
Response: 5508289
Conc: 52.05 ug/ml



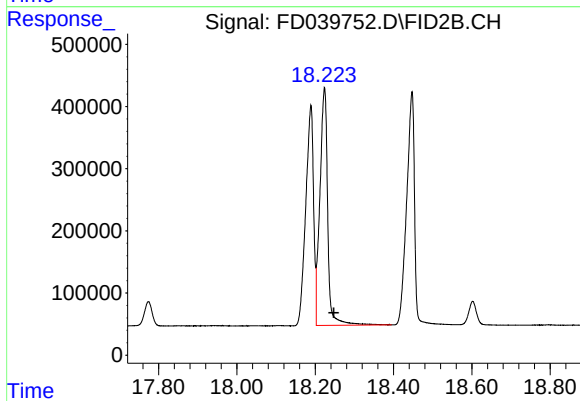
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.820 min
Delta R.T.: -0.021 min
Response: 5325716
Conc: 55.26 ug/ml



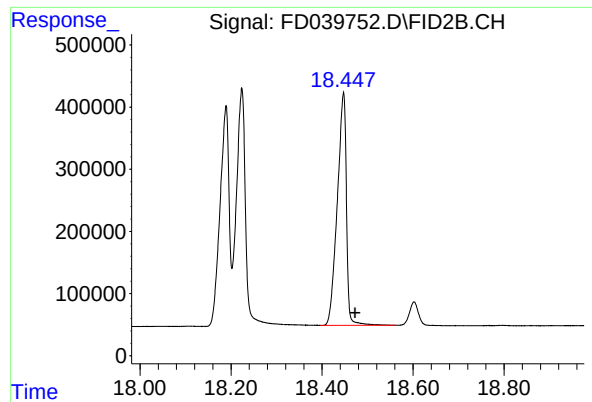
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.189 min
Delta R.T.: -0.022 min
Response: 4892507
Conc: 52.49 ug/ml m



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

R.T.: 18.224 min
Delta R.T.: -0.024 min
Response: 5314787
Conc: 51.89 ug/ml



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

R.T.: 18.447 min
Delta R.T.: -0.025 min
Response: 5229465
Conc: 52.91 ug/ml