

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102721AR\
 Data File : FD039328.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2021 10:04
 Operator : AJ\MA
 Sample : M4353-01MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 11:12:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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...	7.762	6408722	55.235 ug/ml
Spiked Amount 50.000		Recovery =	110.47%
6) S 2-Fluorobiphenyl (SURR)	8.634	4399907	54.881 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.76%
11) S ortho-Terphenyl (SURR)	11.676	5148461	40.365 ug/ml
Spiked Amount 50.000		Recovery =	80.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.550	4640656	37.706 ug/ml
2) T Naphthalene (C11.7)	6.097	5352273	41.296 ug/ml
3) T 2-Methylnaphthalene (...)	7.153	5398758	40.651 ug/ml
5) T Acenaphthylene (C15.06)	8.436	5872769	47.583 ug/ml
7) T Acenaphthene (C15.5)	8.732	6115889	46.886 ug/ml
8) T Fluorene (C16.55)	9.515	6003517	46.365 ug/ml
9) T Phenanthrene (C19.36)	10.919	6215229	48.127 ug/ml
10) T Anthracene (C19.43)	10.995	6124752	47.875 ug/ml
12) T Fluoranthene (C21.85)	12.738	6171553	47.368 ug/ml
13) T Pyrene (C20.8)	13.037	6051559	47.852 ug/ml
14) T Benzo[a]anthracene (C...	14.911	5589191	47.254 ug/ml
15) T Chrysene (C27.41)	14.955	5463536	43.436 ug/ml
16) T benzo[b]fluoranthene ...	16.467	5455701	46.500 ug/ml
17) T Bnezo[k]fluoranthene ...	16.501	5198017	44.171 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.848	5229425	45.945 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.217	4956413	46.297 ug/ml
20) T Dibenz[a,h]anthracene...	18.252	4911853	46.070 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.476	5203506	49.308 ug/ml

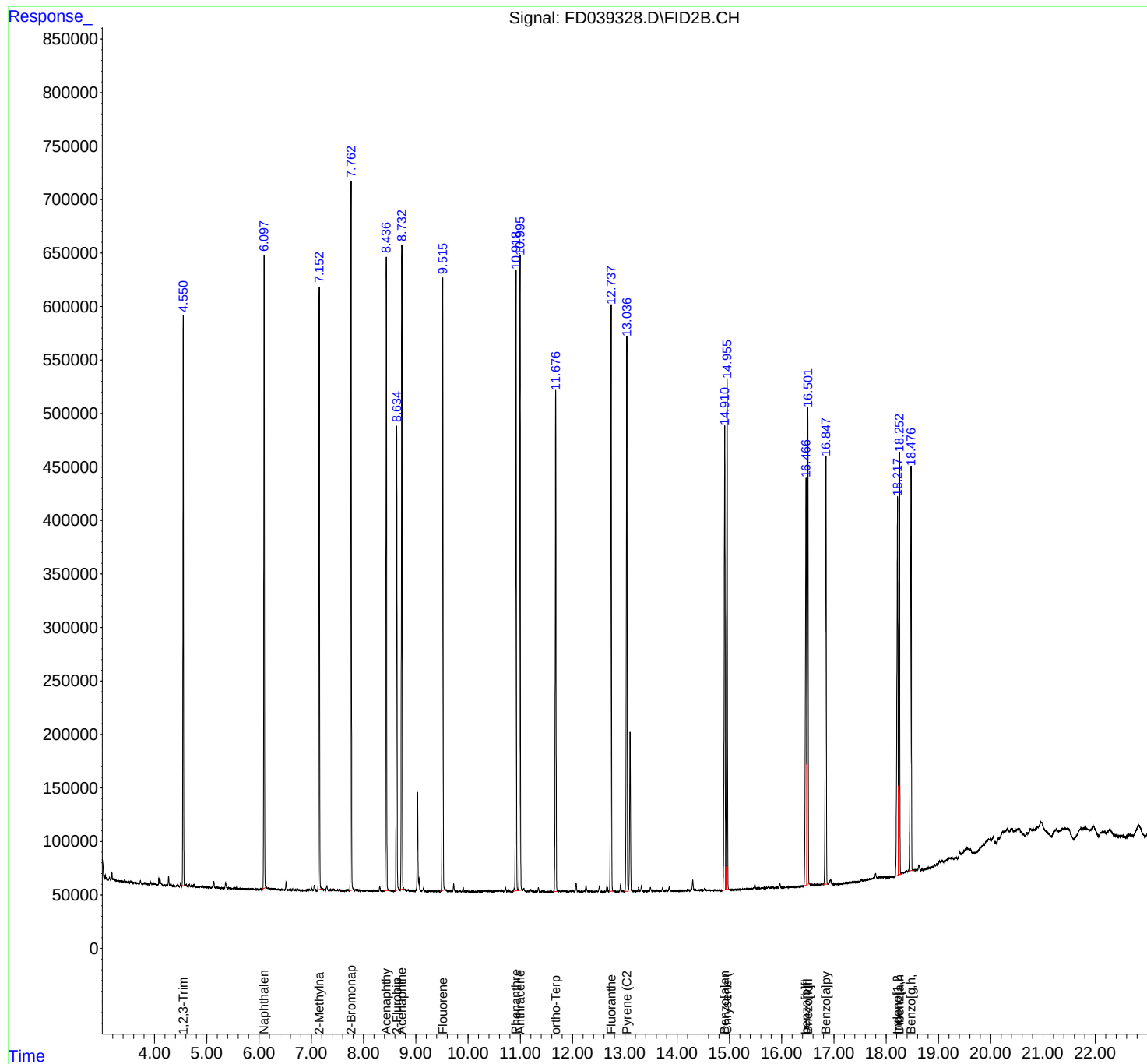
(f)=RT Delta > 1/2 Window

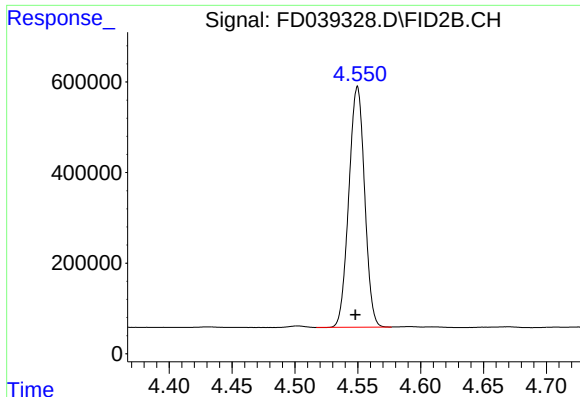
(m)=manual int.

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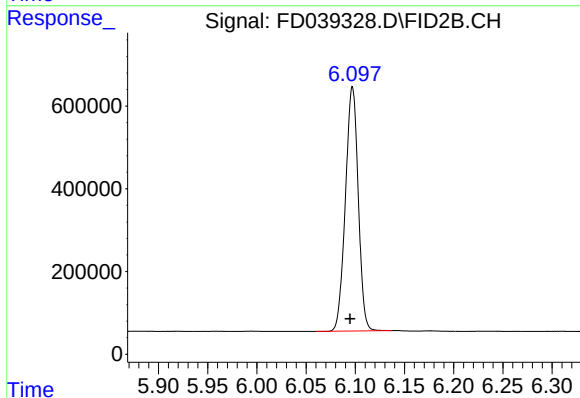
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Signal Info : 20M x 0.18mm x 0.18µm





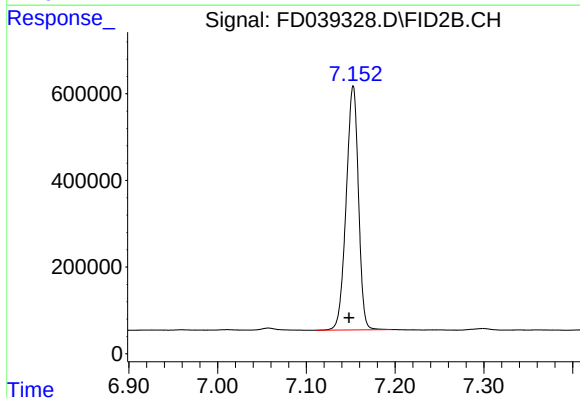
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.550 min
Delta R.T.: 0.002 min
Response: 4640656
Conc: 37.71 ug/ml



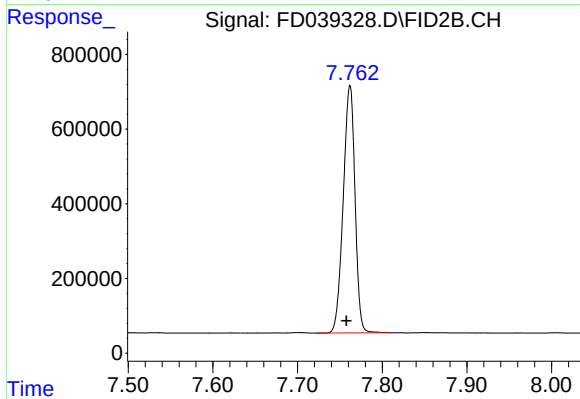
#2 Naphthalene (C11.7)

R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 5352273
Conc: 41.30 ug/ml



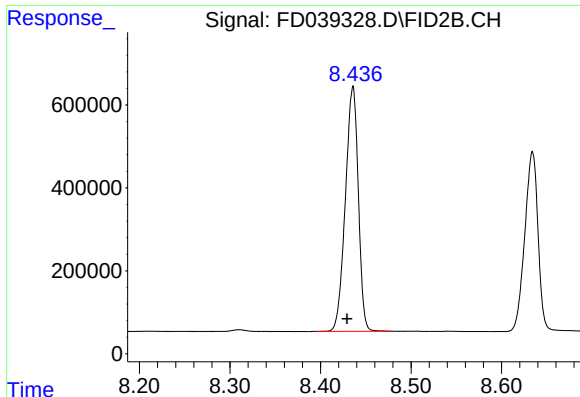
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: 0.005 min
Response: 5398758
Conc: 40.65 ug/ml



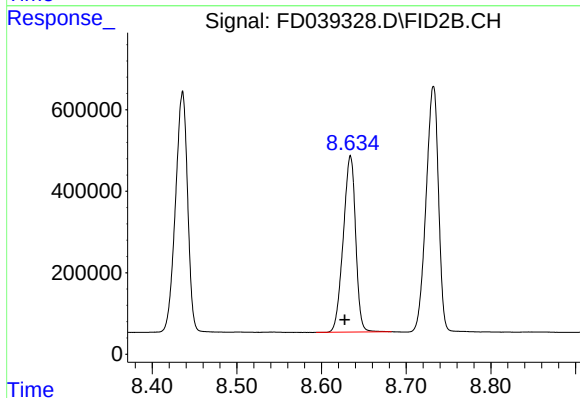
#4 2-Bromonaphthalene (SURR)

R.T.: 7.762 min
Delta R.T.: 0.005 min
Response: 6408722
Conc: 55.24 ug/ml



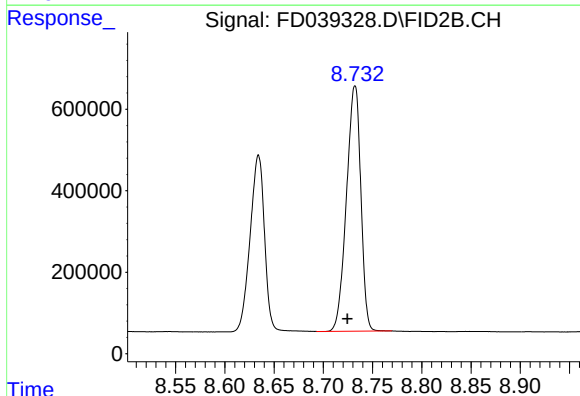
#5 Acenaphthylene (C15.06)

R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 5872769
Conc: 47.58 ug/ml



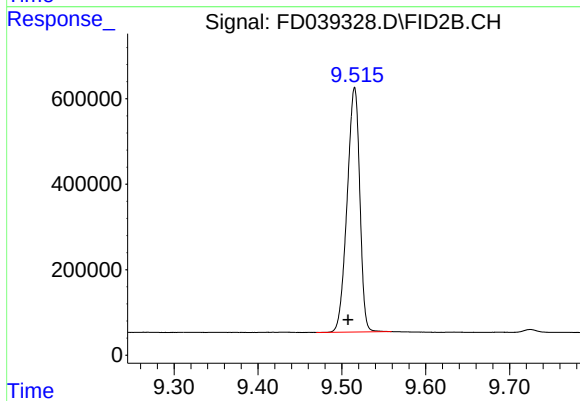
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.634 min
Delta R.T.: 0.007 min
Response: 4399907
Conc: 54.88 ug/ml



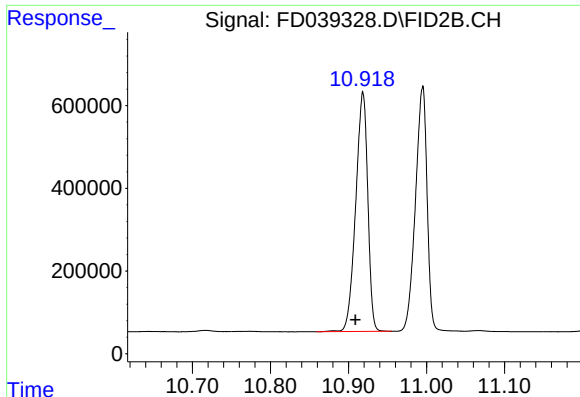
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: 0.008 min
Response: 6115889
Conc: 46.89 ug/ml



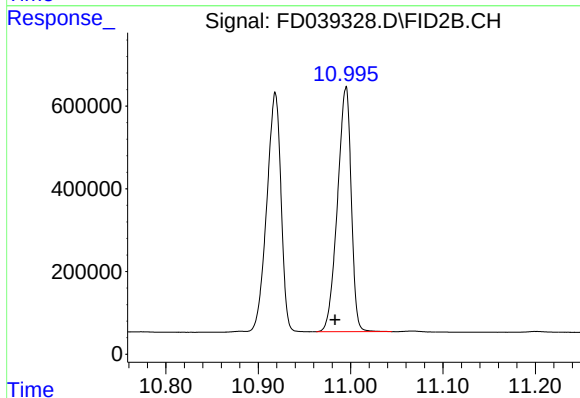
#8 Fluorene (C16.55)

R.T.: 9.515 min
Delta R.T.: 0.008 min
Response: 6003517
Conc: 46.36 ug/ml



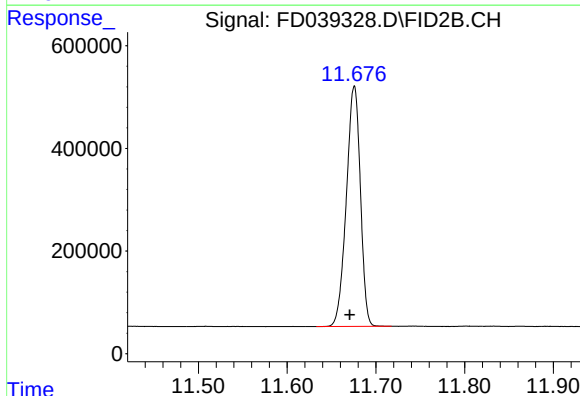
#9 Phenanthrene (C19.36)

R.T.: 10.919 min
Delta R.T.: 0.009 min
Response: 6215229
Conc: 48.13 ug/ml



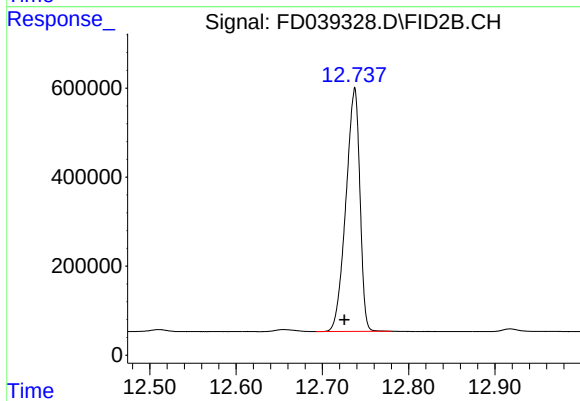
#10 Anthracene (C19.43)

R.T.: 10.995 min
Delta R.T.: 0.012 min
Response: 6124752
Conc: 47.87 ug/ml



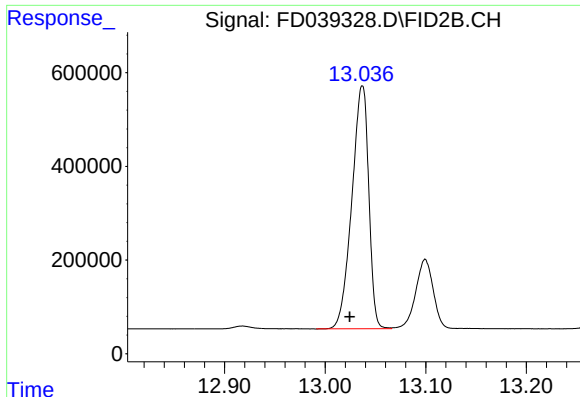
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.005 min
Response: 5148461
Conc: 40.37 ug/ml



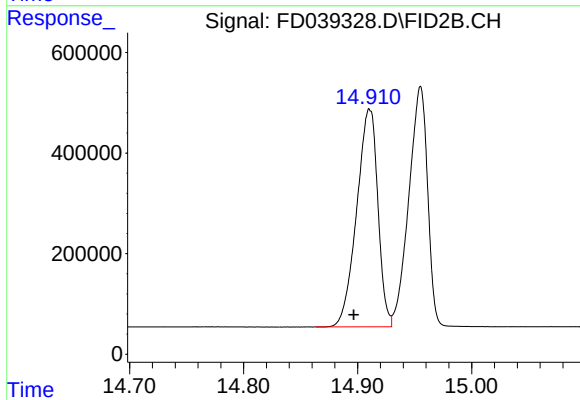
#12 Fluoranthene (C21.85)

R.T.: 12.738 min
Delta R.T.: 0.012 min
Response: 6171553
Conc: 47.37 ug/ml



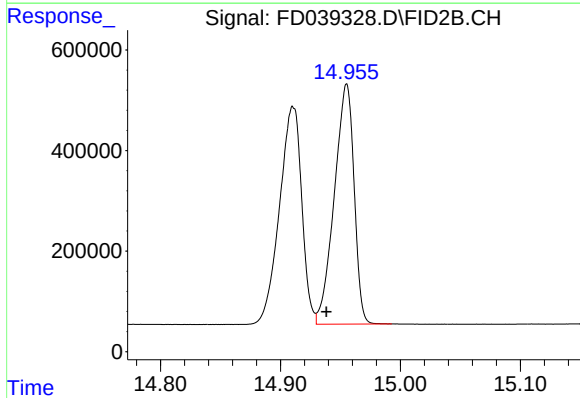
#13 Pyrene (C20.8)

R.T.: 13.037 min
Delta R.T.: 0.013 min
Response: 6051559
Conc: 47.85 ug/ml



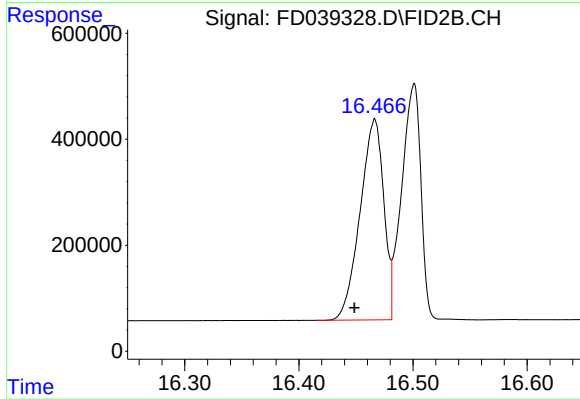
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.911 min
Delta R.T.: 0.014 min
Response: 5589191
Conc: 47.25 ug/ml



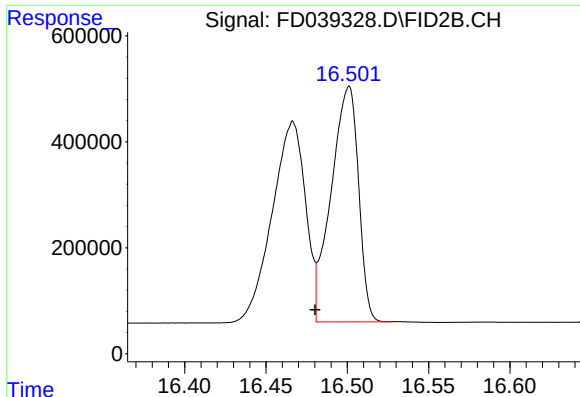
#15 Chrysene (C27.41)

R.T.: 14.955 min
Delta R.T.: 0.017 min
Response: 5463536
Conc: 43.44 ug/ml



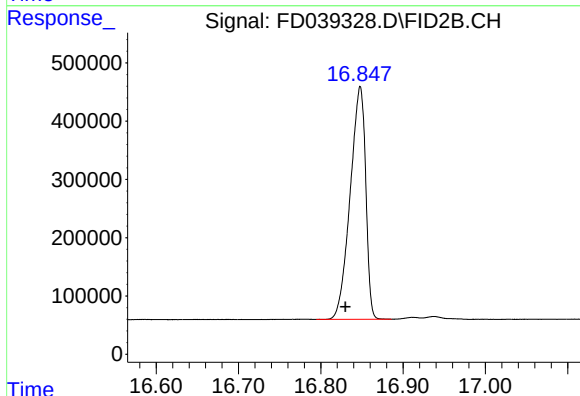
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.467 min
Delta R.T.: 0.018 min
Response: 5455701
Conc: 46.50 ug/ml



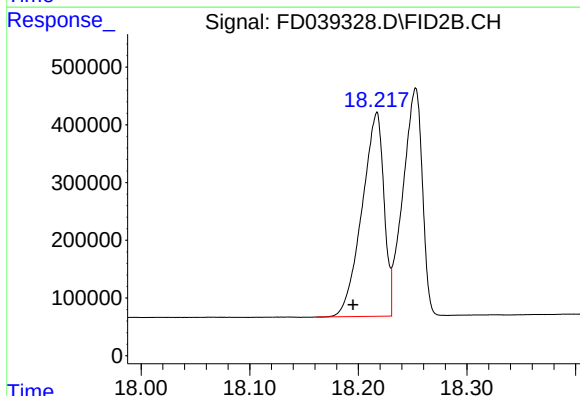
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.501 min
Delta R.T.: 0.021 min
Response: 5198017
Conc: 44.17 ug/ml m



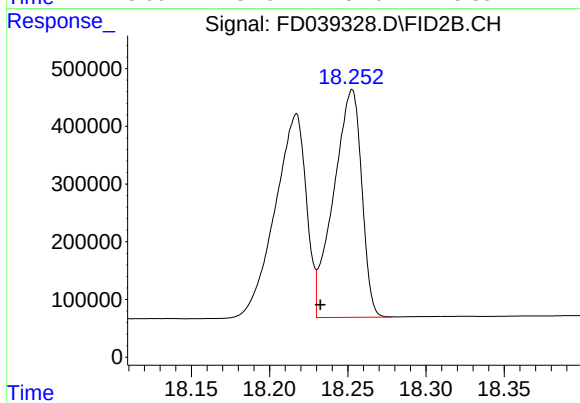
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.848 min
Delta R.T.: 0.018 min
Response: 5229425
Conc: 45.94 ug/ml



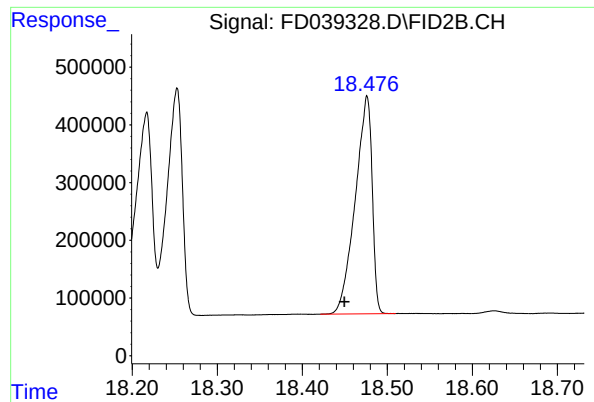
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.217 min
Delta R.T.: 0.022 min
Response: 4956413
Conc: 46.30 ug/ml



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

R.T.: 18.252 min
Delta R.T.: 0.020 min
Response: 4911853
Conc: 46.07 ug/ml m



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

R.T.: 18.476 min
Delta R.T.: 0.027 min
Response: 5203506
Conc: 49.31 ug/ml