

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102521AR\
 Data File : FD039262.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 3:41
 Operator : AJ\MA
 Sample : PB140209BSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 06:23:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 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	5767595	44.190 ug/ml
Spiked Amount 50.000		Recovery =	88.38%
6) S 2-Fluorobiphenyl (SURR)	8.632	3412670	38.342 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.68%
11) S ortho-Terphenyl (SURR)	11.675	5225040	38.027 ug/ml
Spiked Amount 50.000		Recovery =	76.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.547	4191408	29.948 ug/ml
2) T Naphthalene (C11.7)	6.096	4970745	33.688 ug/ml
3) T 2-Methylnaphthalene (...)	7.153	5017578	33.679 ug/ml
5) T Acenaphthylene (C15.06)	8.435	5314190	38.783 ug/ml
7) T Acenaphthene (C15.5)	8.732	5463847	37.866 ug/ml
8) T Fluorene (C16.55)	9.514	5249579	36.976 ug/ml
9) T Phenanthrene (C19.36)	10.917	5147260	37.109 ug/ml
10) T Anthracene (C19.43)	10.992	5008497	36.633 ug/ml
12) T Fluoranthene (C21.85)	12.735	4999270	36.363 ug/ml
13) T Pyrene (C20.8)	13.034	4919694	36.710 ug/ml
14) T Benzo[a]anthracene (C...	14.908	4735223	38.927 ug/ml
15) T Chrysene (C27.41)	14.952	5047832	39.725 ug/ml
16) T benzo[b]fluoranthene ...	16.462	4887108	41.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.497	4701562	39.972 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.844	4569703	39.926 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.212	4489988	41.273 ug/ml
20) T Dibenz[a,h]anthracene...	18.249	4541704	42.737 ug/ml
21) T Benzo[g,h,i]perylene ...	18.471	4669838	43.127 ug/ml

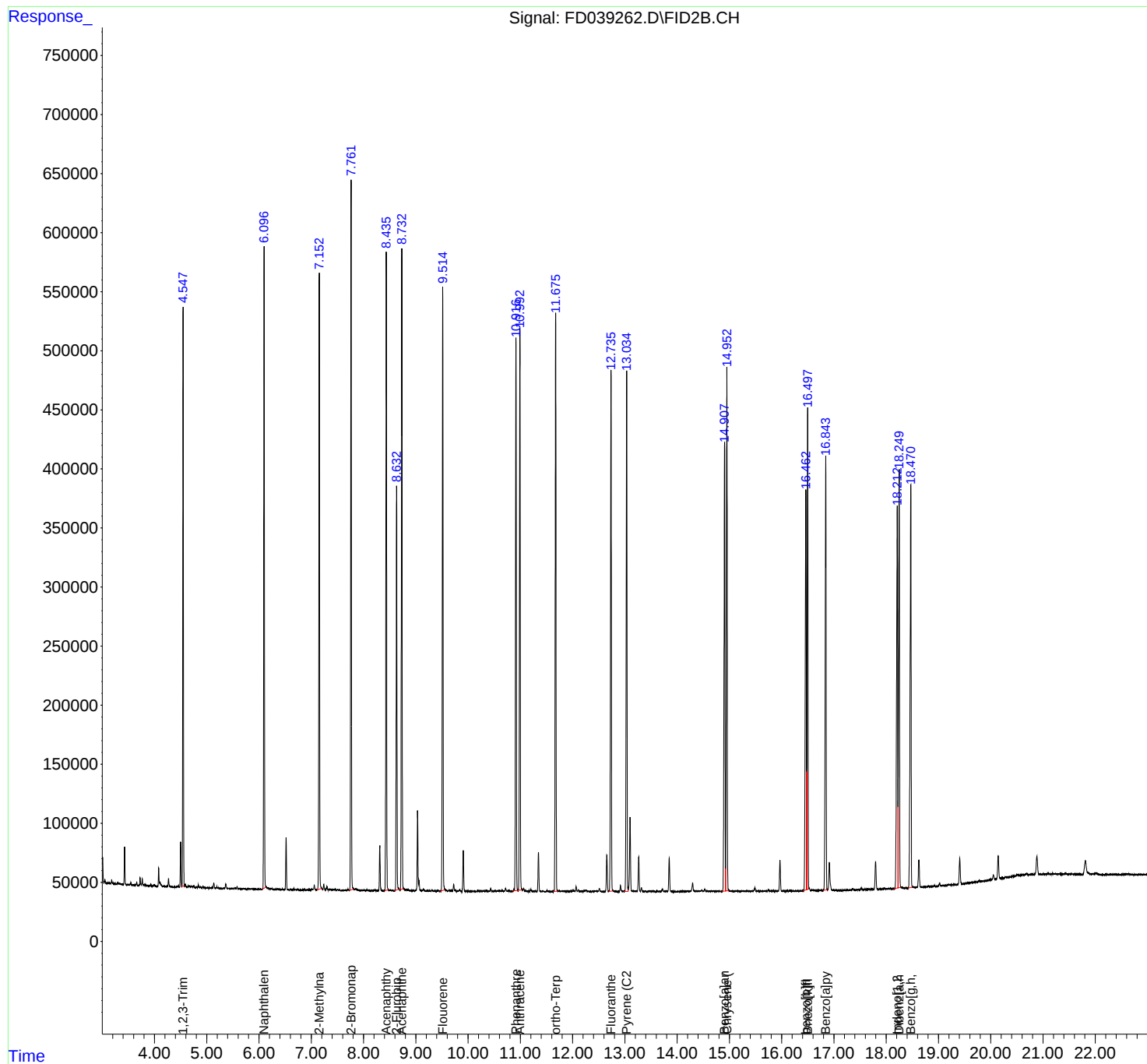
(f)=RT Delta > 1/2 Window

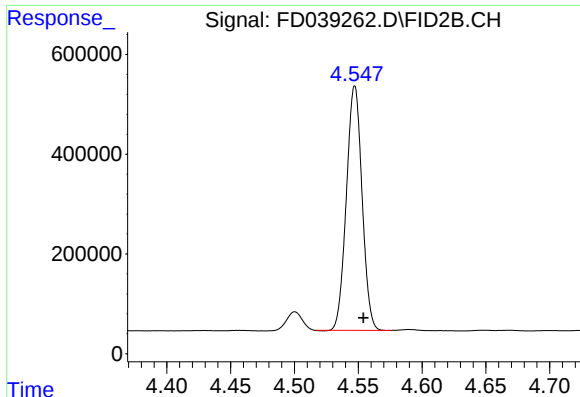
(m)=manual int.

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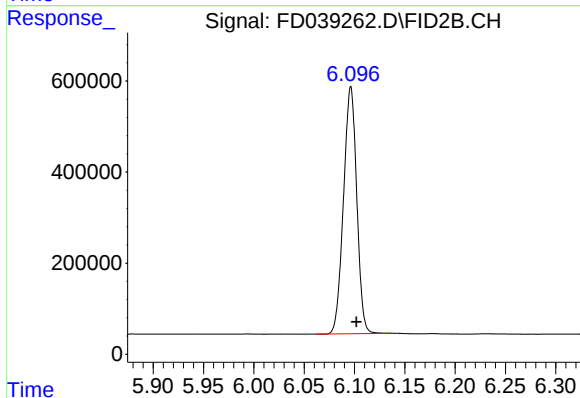
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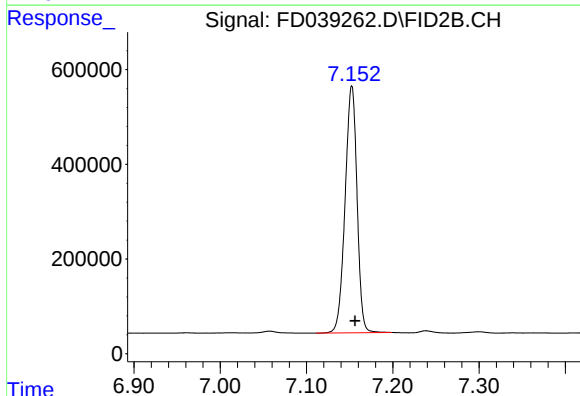
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.547 min
Delta R.T.: -0.007 min
Response: 4191408
Conc: 29.95 ug/ml



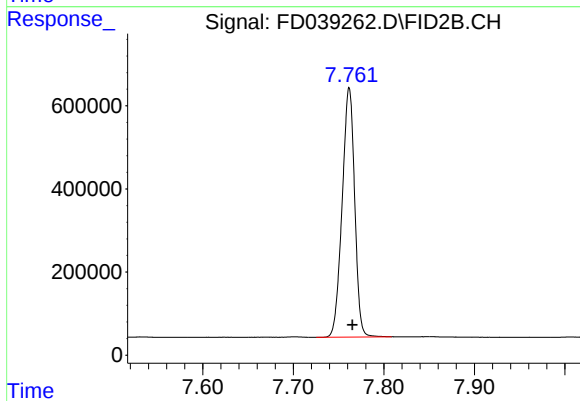
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.006 min
Response: 4970745
Conc: 33.69 ug/ml



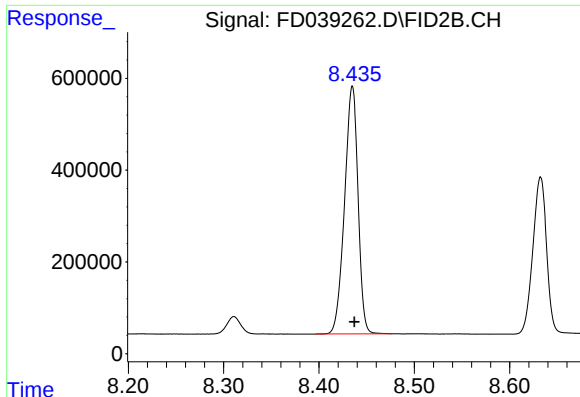
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: -0.004 min
Response: 5017578
Conc: 33.68 ug/ml



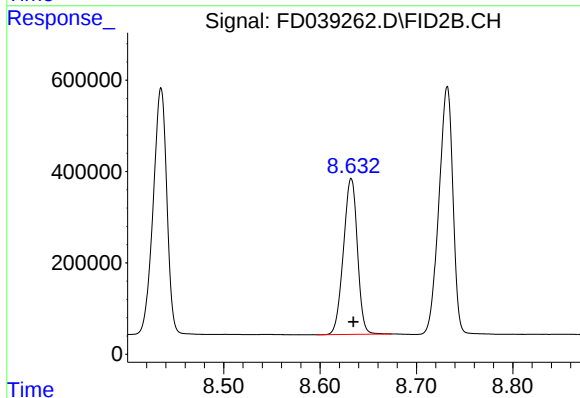
#4 2-Bromonaphthalene (SURR)

R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 5767595
Conc: 44.19 ug/ml



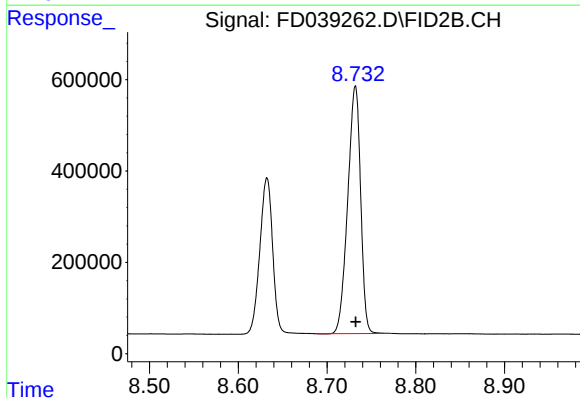
#5 Acenaphthylene (C15.06)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 5314190
Conc: 38.78 ug/ml



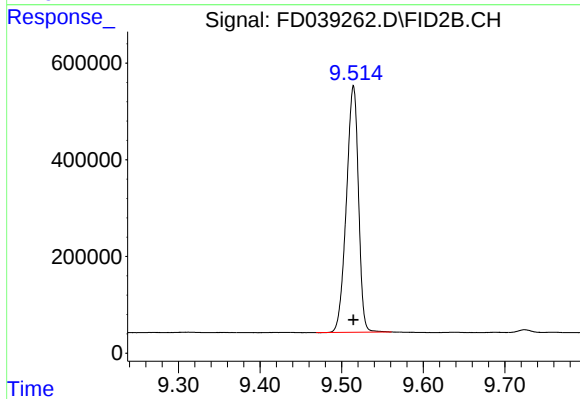
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.632 min
Delta R.T.: -0.002 min
Response: 3412670
Conc: 38.34 ug/ml



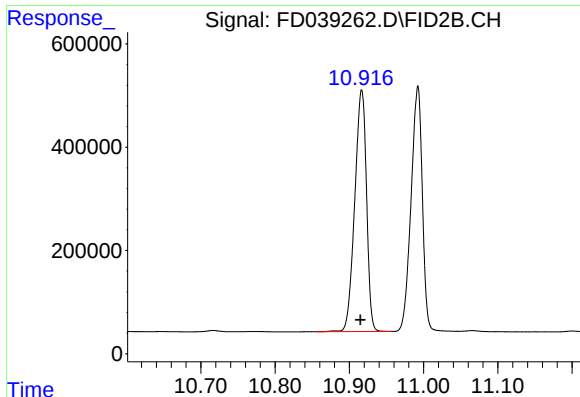
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 5463847
Conc: 37.87 ug/ml



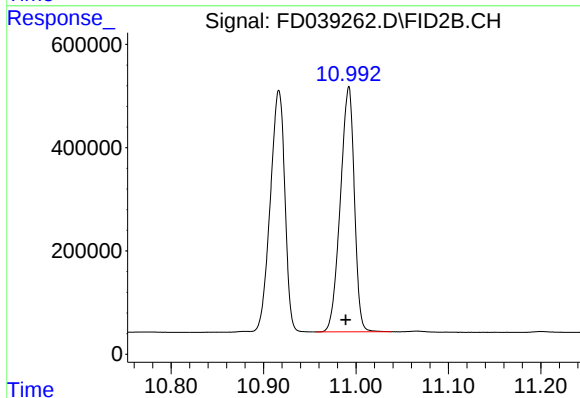
#8 Flouorene (C16.55)

R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 5249579
Conc: 36.98 ug/ml



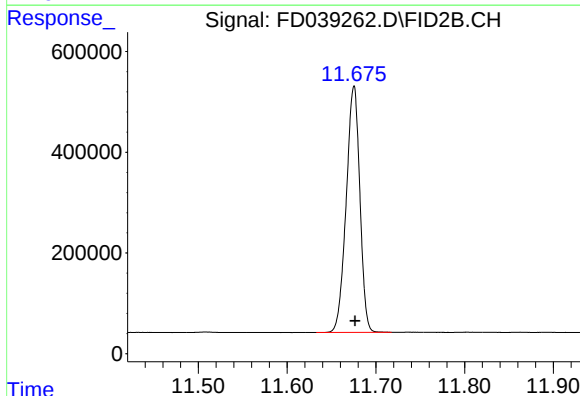
#9 Phenanthrene (C19.36)

R.T.: 10.917 min
Delta R.T.: 0.002 min
Response: 5147260
Conc: 37.11 ug/ml



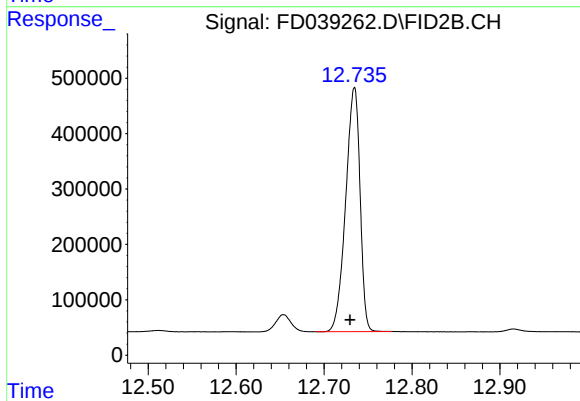
#10 Anthracene (C19.43)

R.T.: 10.992 min
Delta R.T.: 0.003 min
Response: 5008497
Conc: 36.63 ug/ml



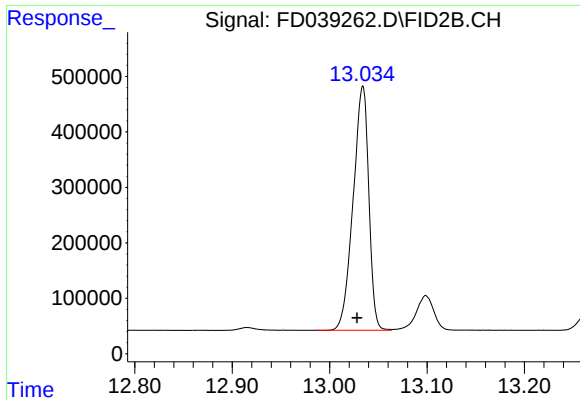
#11 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.001 min
Response: 5225040
Conc: 38.03 ug/ml



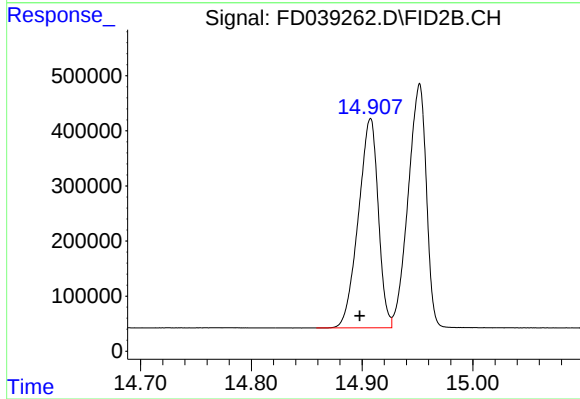
#12 Fluoranthene (C21.85)

R.T.: 12.735 min
Delta R.T.: 0.005 min
Response: 4999270
Conc: 36.36 ug/ml



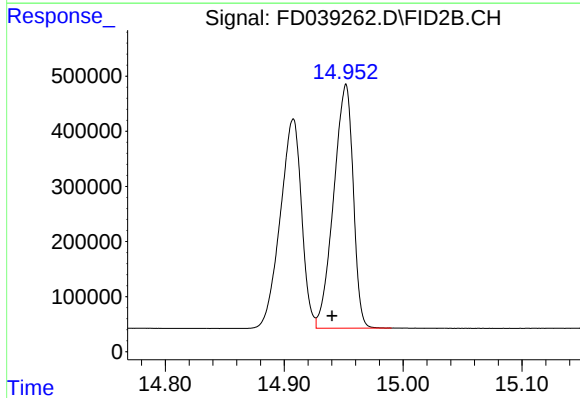
#13 Pyrene (C20.8)

R.T.: 13.034 min
Delta R.T.: 0.006 min
Response: 4919694
Conc: 36.71 ug/ml



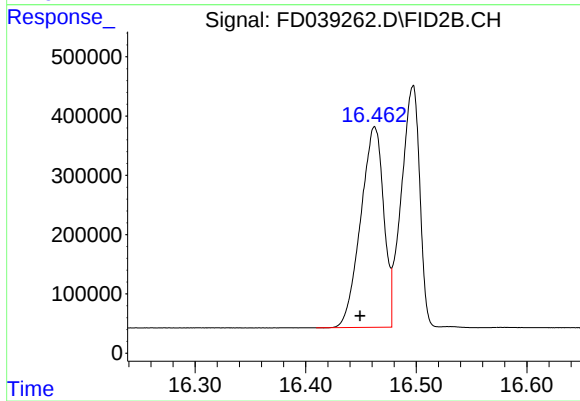
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.908 min
Delta R.T.: 0.010 min
Response: 4735223
Conc: 38.93 ug/ml



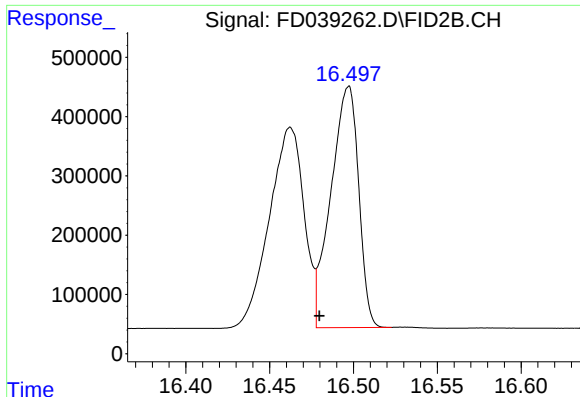
#15 Chrysene (C27.41)

R.T.: 14.952 min
Delta R.T.: 0.012 min
Response: 5047832
Conc: 39.73 ug/ml



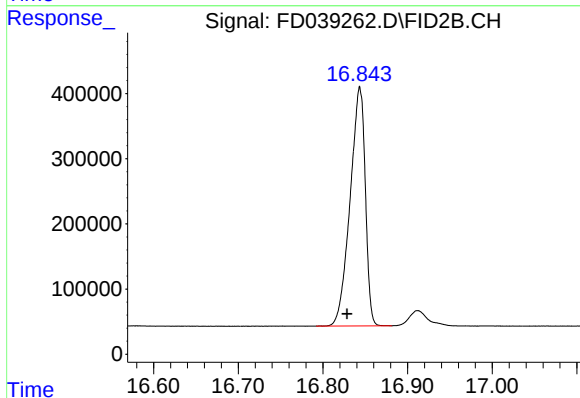
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.462 min
Delta R.T.: 0.013 min
Response: 4887108
Conc: 41.29 ug/ml



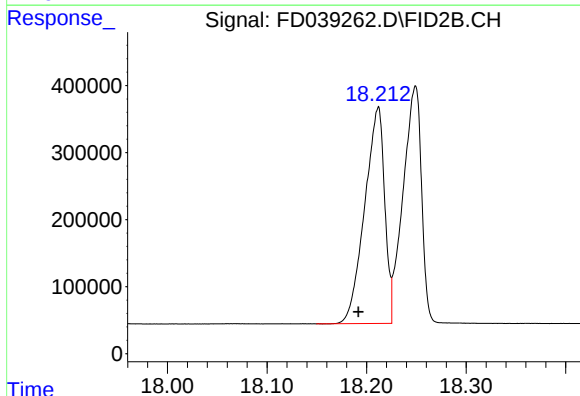
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.497 min
Delta R.T.: 0.017 min
Response: 4701562
Conc: 39.97 ug/ml



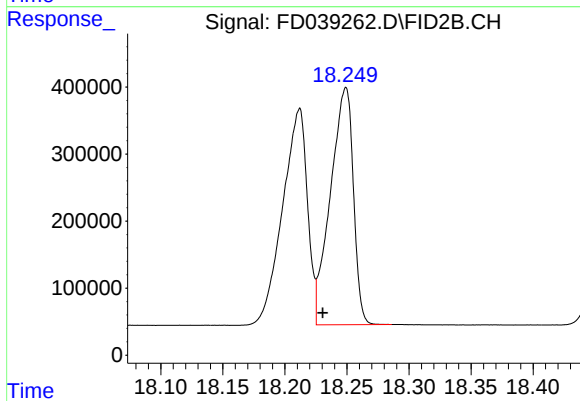
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.844 min
Delta R.T.: 0.015 min
Response: 4569703
Conc: 39.93 ug/ml



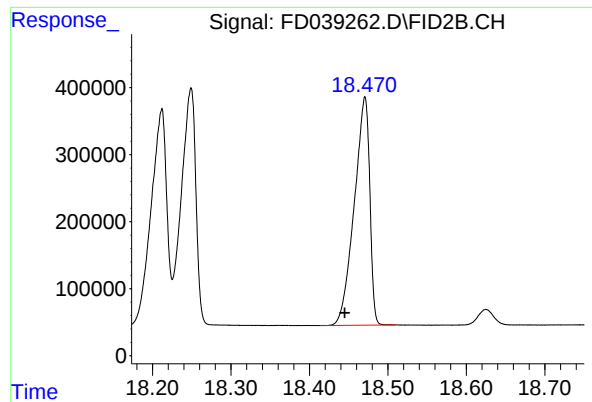
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.212 min
Delta R.T.: 0.020 min
Response: 4489988
Conc: 41.27 ug/ml



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

R.T.: 18.249 min
Delta R.T.: 0.019 min
Response: 4541704
Conc: 42.74 ug/ml



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

R.T.: 18.471 min
Delta R.T.: 0.026 min
Response: 4669838
Conc: 43.13 ug/ml