

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091621AR\
 Data File : FD038819.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2021 13:24
 Operator : AJ\MA
 Sample : PB139131BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 01:45:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083121.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 01 10:30:07 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...	7.770	5386526	40.280 ug/ml
Spiked Amount 50.000		Recovery =	80.56%
6) S 2-Fluorobiphenyl (SURR)	8.640	3647537	39.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.10%
11) S ortho-Terphenyl (SURR)	11.683	5038955	34.731 ug/ml
Spiked Amount 50.000		Recovery =	69.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557	3684277	25.160 ug/ml
2) T Naphthalene (C11.7)	6.105	4246108	27.499 ug/ml
3) T 2-Methylnaphthalene (...)	7.159	4207029	27.774 ug/ml
5) T Acenaphthylene (C15.06)	8.441	4489643	30.510 ug/ml
7) T Acenaphthene (C15.5)	8.738	4730343	31.257 ug/ml
8) T Flouorene (C16.55)	9.521	4741841	32.290 ug/ml
9) T Phenanthrene (C19.36)	10.922	4726479	33.189 ug/ml
10) T Anthracene (C19.43)	10.997	4772888	34.837 ug/ml
12) T Fluoranthene (C21.85)	12.738	4641982	33.724 ug/ml
13) T Pyrene (C20.8)	13.037	4686217	34.411 ug/ml
14) T Benzo[a]anthracene (C...	14.908	4244810	34.533 ug/ml
15) T Chrysene (C27.41)	14.952	4629252	36.692 ug/ml
16) T benzo[b]fluoranthene ...	16.461	4351137	36.965 ug/ml
17) T Bnezo[k]fluoranthene ...	16.494	4148676	36.615 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.842	4194691	38.817 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.206	3977420	36.749 ug/ml
20) T Dibenz[a,h]anthracene...	18.244	3938783	35.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.464	4027756	37.354 ug/ml

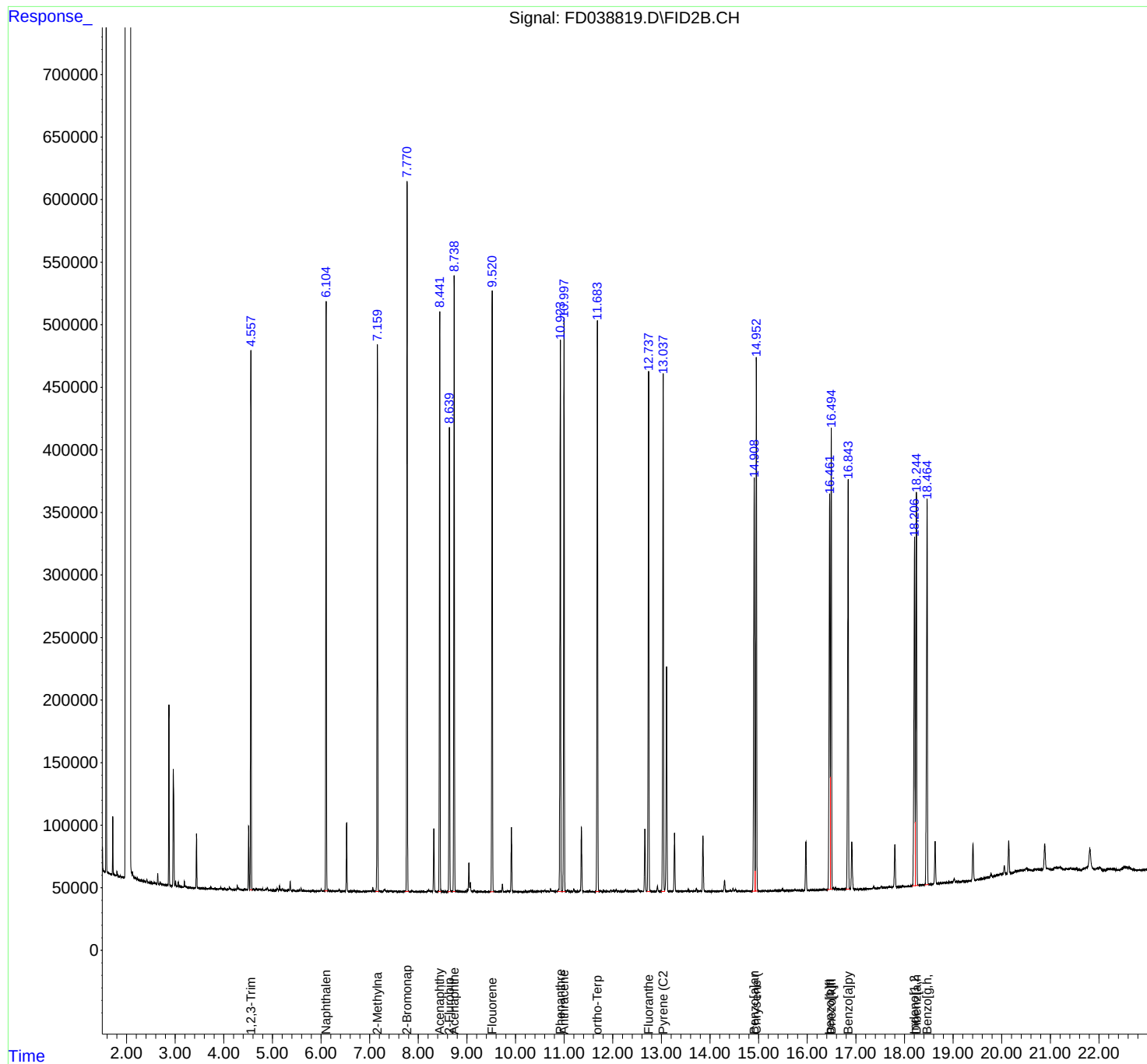
(f)=RT Delta > 1/2 Window

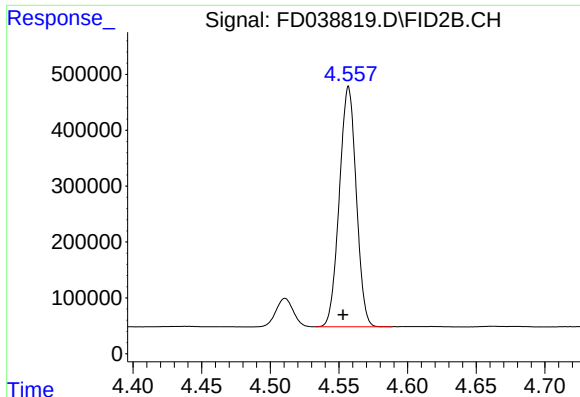
(m)=manual int.

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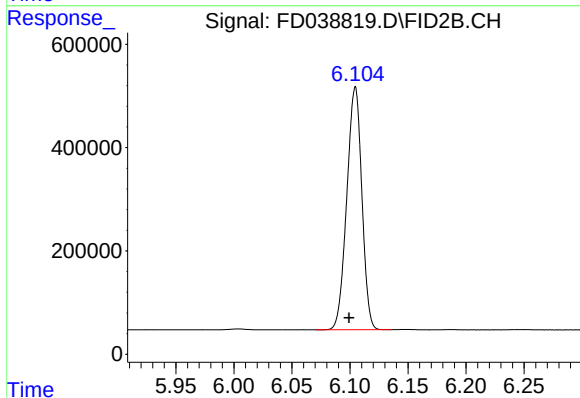
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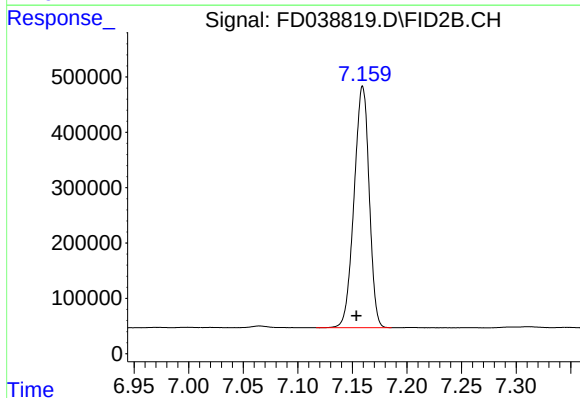
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.557 min
Delta R.T.: 0.004 min
Response: 3684277
Conc: 25.16 ug/ml



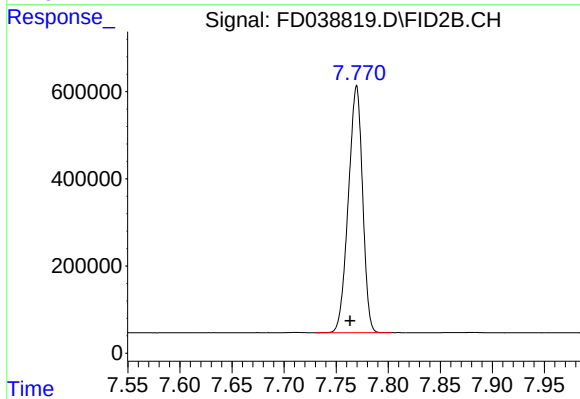
#2 Naphthalene (C11.7)

R.T.: 6.105 min
Delta R.T.: 0.005 min
Response: 4246108
Conc: 27.50 ug/ml



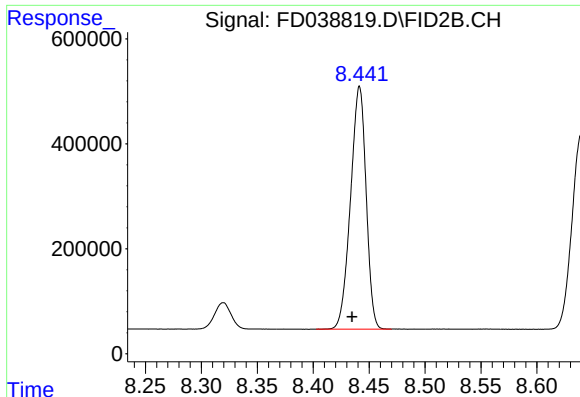
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.159 min
Delta R.T.: 0.006 min
Response: 4207029
Conc: 27.77 ug/ml



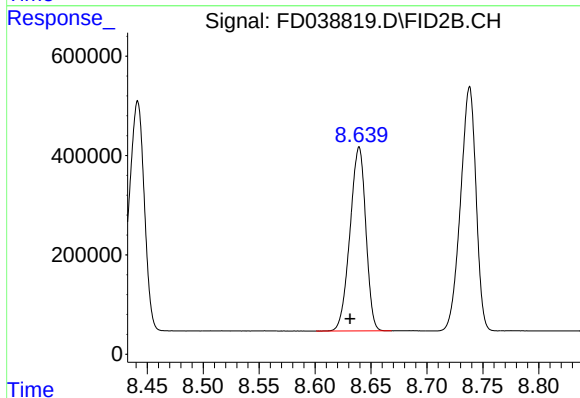
#4 2-Bromonaphthalene (SURR)

R.T.: 7.770 min
Delta R.T.: 0.006 min
Response: 5386526
Conc: 40.28 ug/ml



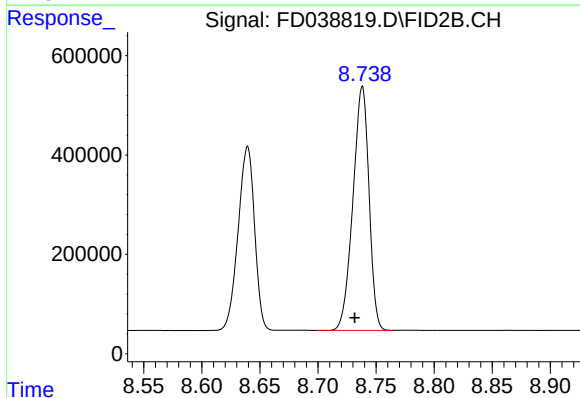
#5 Acenaphthylene (C15.06)

R.T.: 8.441 min
Delta R.T.: 0.007 min
Response: 4489643
Conc: 30.51 ug/ml



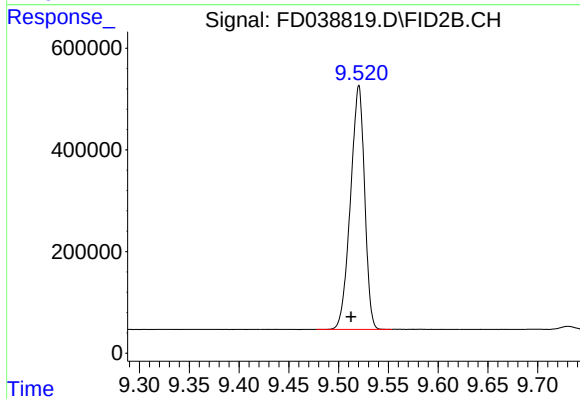
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.640 min
Delta R.T.: 0.008 min
Response: 3647537
Conc: 39.55 ug/ml



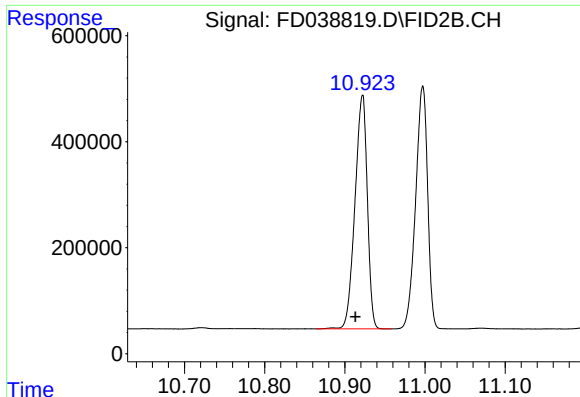
#7 Acenaphthene (C15.5)

R.T.: 8.738 min
Delta R.T.: 0.007 min
Response: 4730343
Conc: 31.26 ug/ml



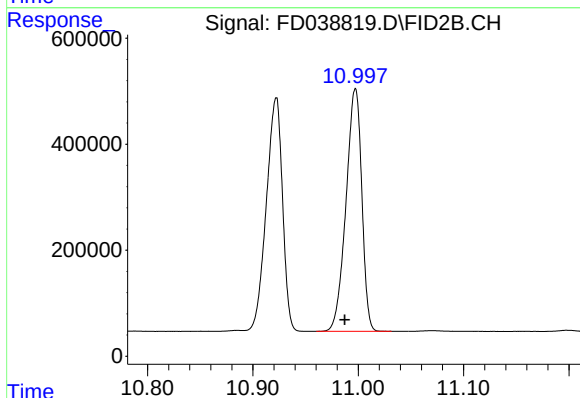
#8 Fluorene (C16.55)

R.T.: 9.521 min
Delta R.T.: 0.008 min
Response: 4741841
Conc: 32.29 ug/ml



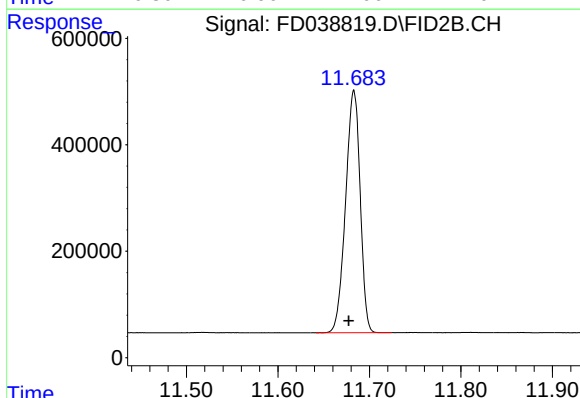
#9 Phenanthrene (C19.36)

R.T.: 10.922 min
Delta R.T.: 0.009 min
Response: 4726479
Conc: 33.19 ug/ml



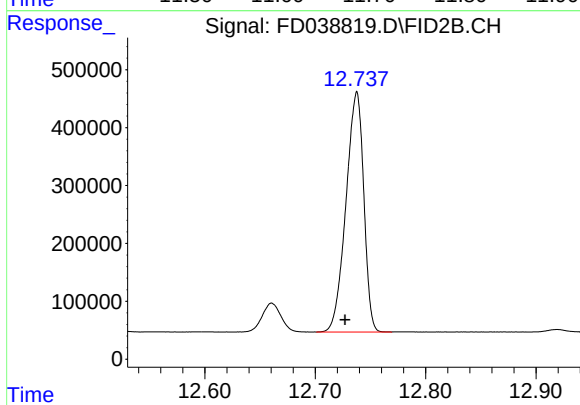
#10 Anthracene (C19.43)

R.T.: 10.997 min
Delta R.T.: 0.010 min
Response: 4772888
Conc: 34.84 ug/ml



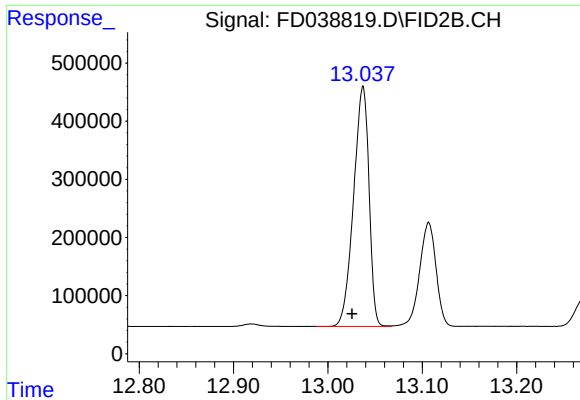
#11 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.006 min
Response: 5038955
Conc: 34.73 ug/ml



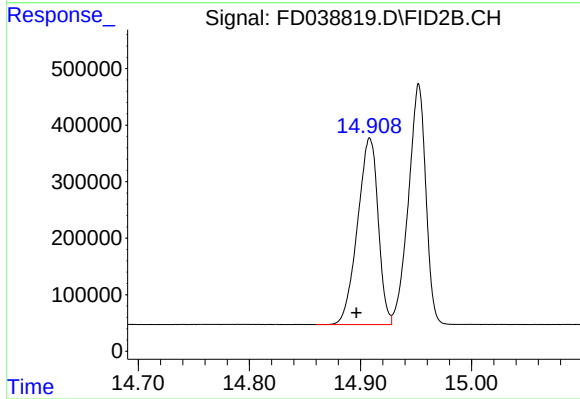
#12 Fluoranthene (C21.85)

R.T.: 12.738 min
Delta R.T.: 0.010 min
Response: 4641982
Conc: 33.72 ug/ml



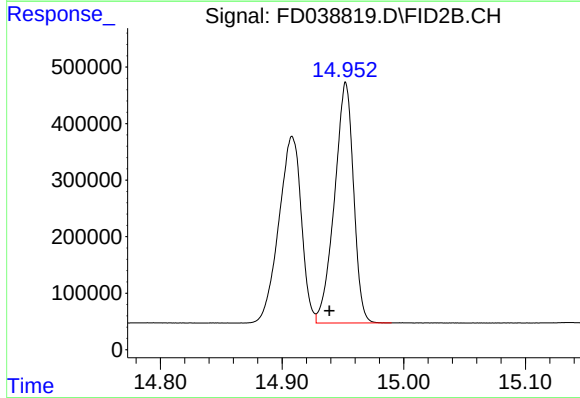
#13 Pyrene (C20.8)

R.T.: 13.037 min
Delta R.T.: 0.012 min
Response: 4686217
Conc: 34.41 ug/ml



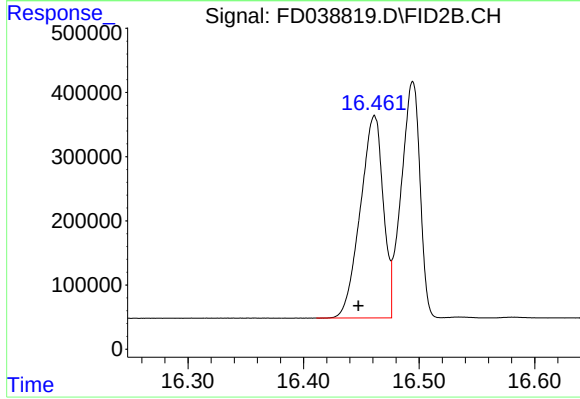
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.908 min
Delta R.T.: 0.012 min
Response: 4244810
Conc: 34.53 ug/ml



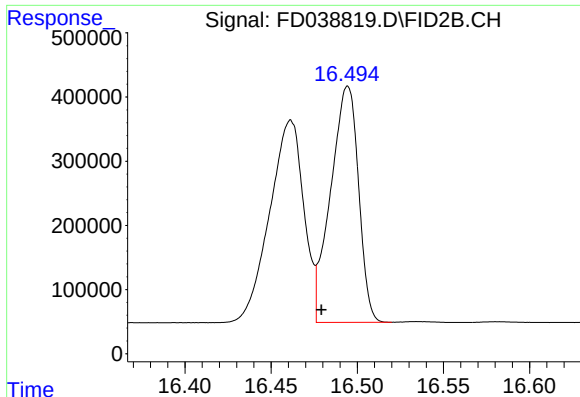
#15 Chrysene (C27.41)

R.T.: 14.952 min
Delta R.T.: 0.013 min
Response: 4629252
Conc: 36.69 ug/ml



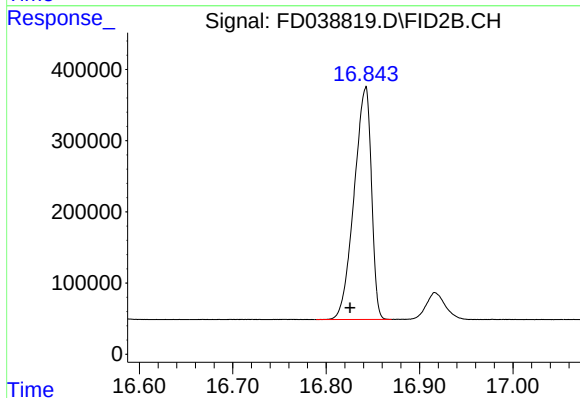
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.461 min
Delta R.T.: 0.014 min
Response: 4351137
Conc: 36.96 ug/ml



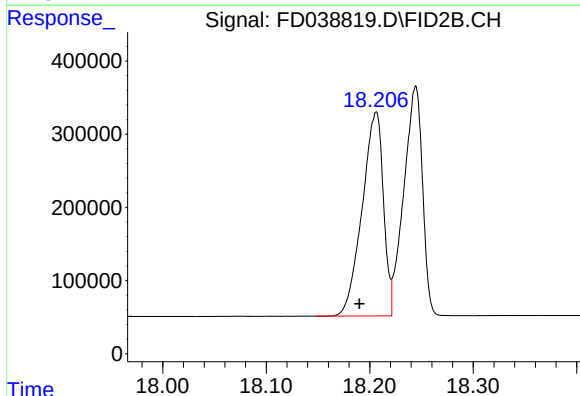
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.494 min
Delta R.T.: 0.015 min
Response: 4148676
Conc: 36.61 ug/ml



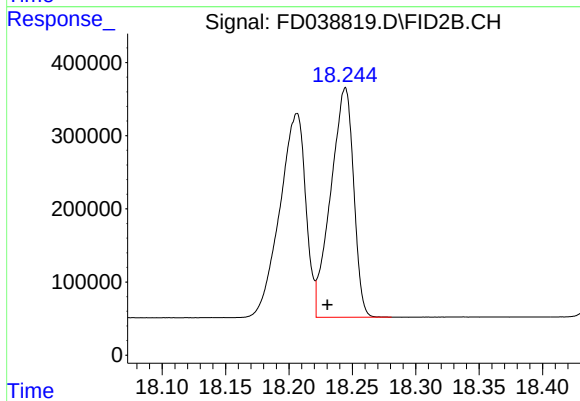
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.842 min
Delta R.T.: 0.017 min
Response: 4194691
Conc: 38.82 ug/ml



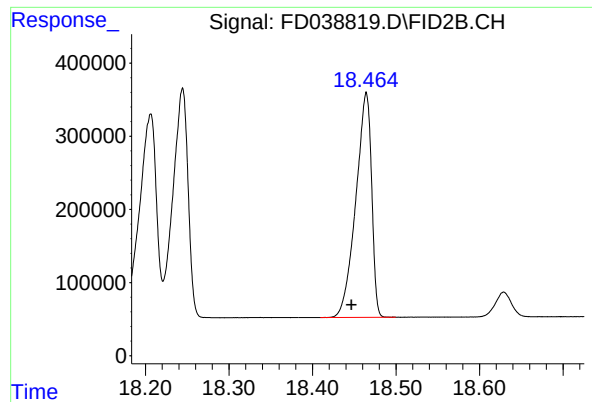
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.206 min
Delta R.T.: 0.016 min
Response: 3977420
Conc: 36.75 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.014 min
Response: 3938783
Conc: 35.62 ug/ml



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

R.T.: 18.464 min
Delta R.T.: 0.018 min
Response: 4027756
Conc: 37.35 ug/ml