

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091621AR\
 Data File : FD038816.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2021 10:44
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 01:44:56 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...	7.768	2873503	21.488 ug/ml
Spiked Amount 50.000		Recovery =	42.98%
6) S 2-Fluorobiphenyl (SURR)	8.638	1946954	21.111 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.22%
11) S ortho-Terphenyl (SURR)	11.682	3012491	20.764 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.556	3206156	21.895 ug/ml
2) T Naphthalene (C11.7)	6.104	3343730	21.655 ug/ml
3) T 2-Methylnaphthalene (...)	7.159	3256221	21.497 ug/ml
5) T Acenaphthylene (C15.06)	8.441	3083530	20.954 ug/ml
7) T Acenaphthene (C15.5)	8.737	3209228	21.206 ug/ml
8) T Fluorene (C16.55)	9.520	3081672	20.985 ug/ml
9) T Phenanthrene (C19.36)	10.920	2896644	20.340 ug/ml
10) T Anthracene (C19.43)	10.995	2539913	18.538 ug/ml
12) T Fluoranthene (C21.85)	12.736	2717372	19.742 ug/ml
13) T Pyrene (C20.8)	13.035	2670752	19.611 ug/ml
14) T Benzo[a]anthracene (C...	14.906	2409842	19.605 ug/ml
15) T Chrysene (C27.41)	14.949	2483293	19.683 ug/ml
16) T benzo[b]fluoranthene ...	16.458	2463828	20.931 ug/ml
17) T Bnezo[k]fluoranthene ...	16.490	2373525	20.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.838	2293718	21.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.203	2420834	22.367 ug/ml
20) T Dibenz[a,h]anthracene...	18.241	2461244	22.258 ug/ml
21) T Benzo[g,h,i]perylene ...	18.459	2415834	22.405 ug/ml

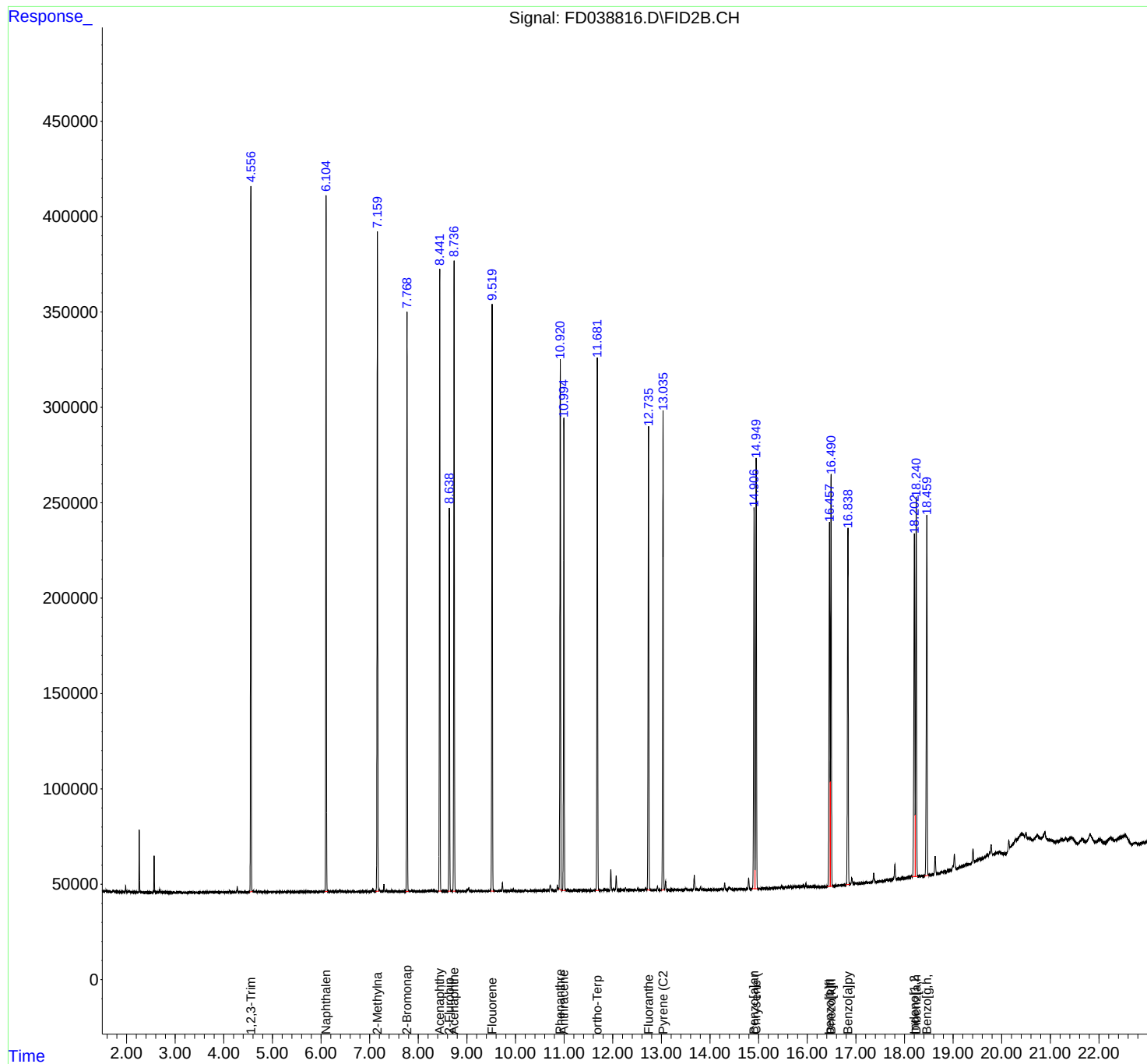
(f)=RT Delta > 1/2 Window

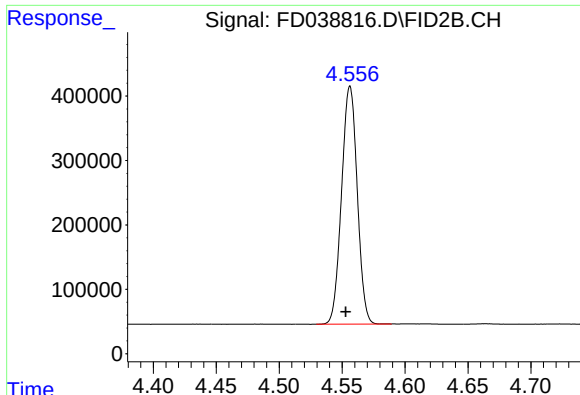
(m)=manual int.

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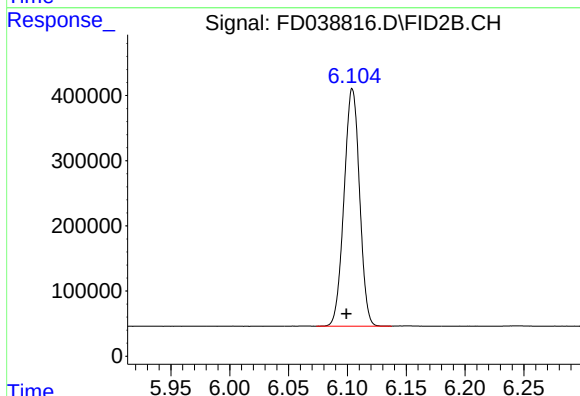
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





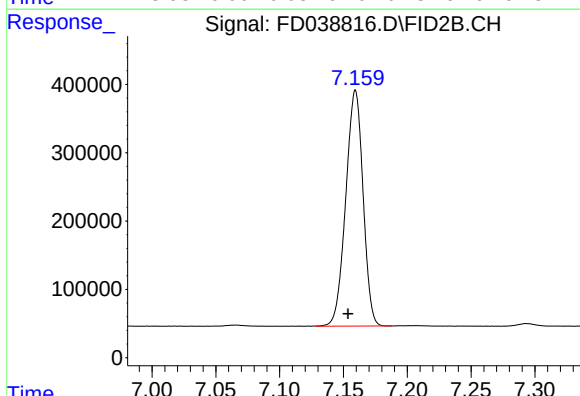
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.556 min
Delta R.T.: 0.003 min
Response: 3206156
Conc: 21.90 ug/ml



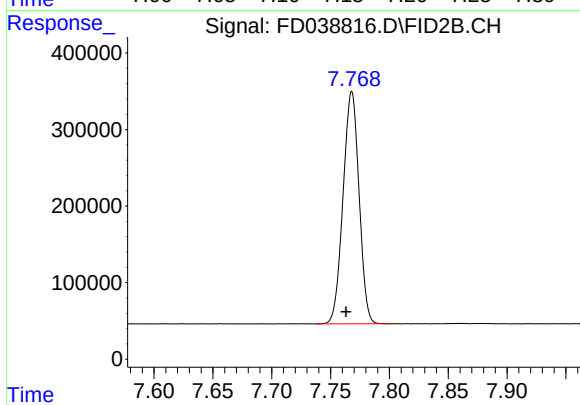
#2 Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: 0.005 min
Response: 3343730
Conc: 21.65 ug/ml



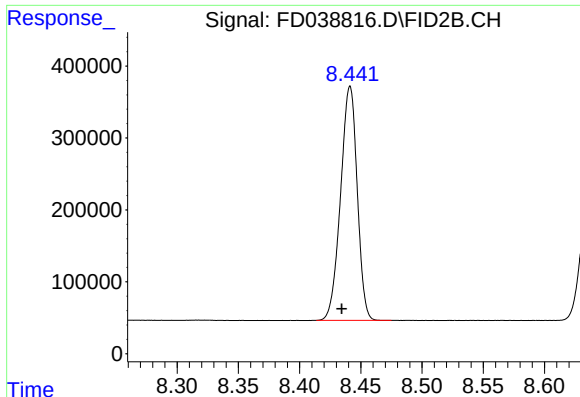
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.159 min
Delta R.T.: 0.006 min
Response: 3256221
Conc: 21.50 ug/ml



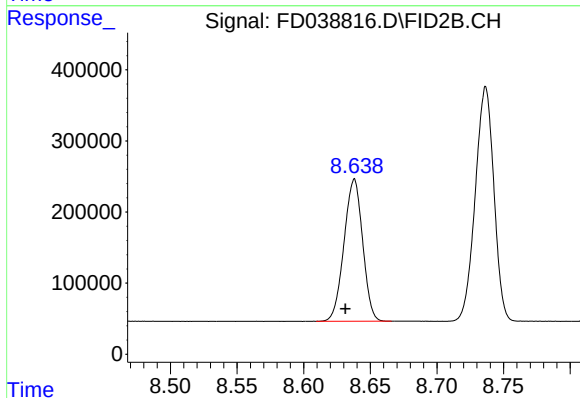
#4 2-Bromonaphthalene (SURR)

R.T.: 7.768 min
Delta R.T.: 0.005 min
Response: 2873503
Conc: 21.49 ug/ml



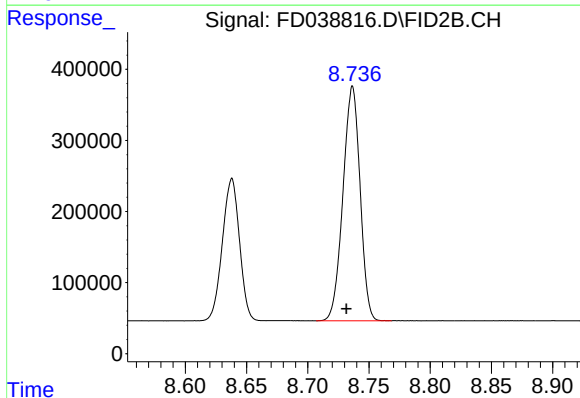
#5 Acenaphthylene (C15.06)

R.T.: 8.441 min
Delta R.T.: 0.007 min
Response: 3083530
Conc: 20.95 ug/ml



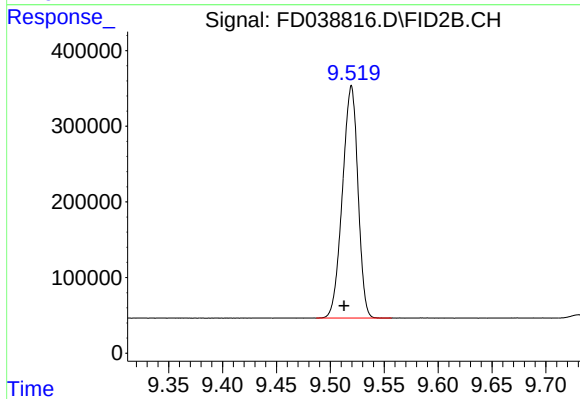
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.638 min
Delta R.T.: 0.007 min
Response: 1946954
Conc: 21.11 ug/ml



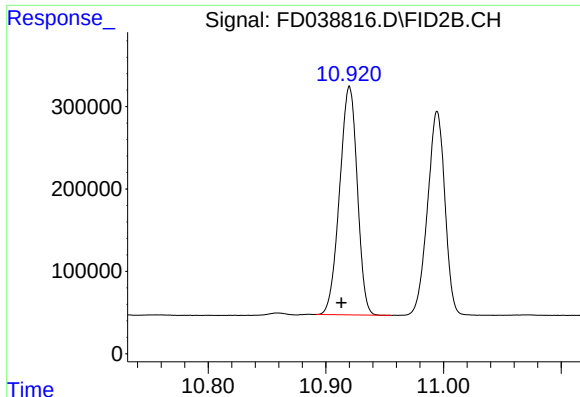
#7 Acenaphthene (C15.5)

R.T.: 8.737 min
Delta R.T.: 0.005 min
Response: 3209228
Conc: 21.21 ug/ml



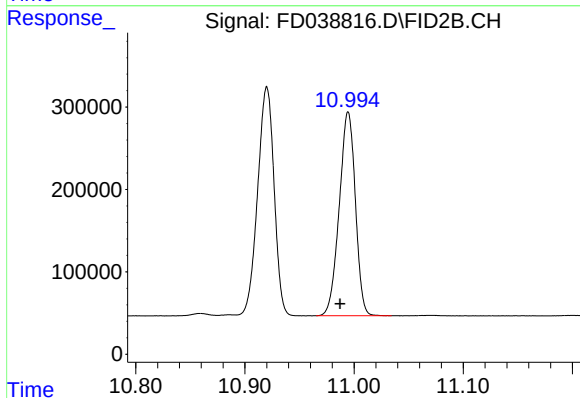
#8 Flouorene (C16.55)

R.T.: 9.520 min
Delta R.T.: 0.007 min
Response: 3081672
Conc: 20.98 ug/ml



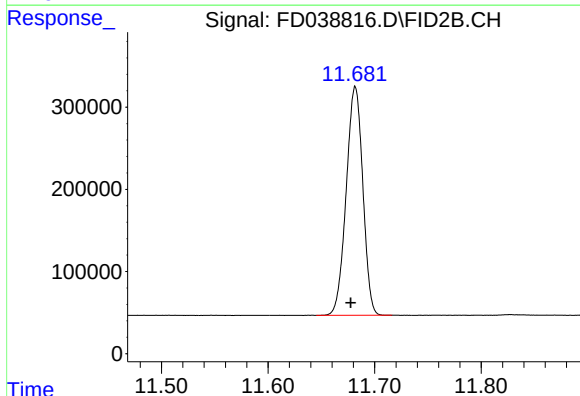
#9 Phenanthrene (C19.36)

R.T.: 10.920 min
Delta R.T.: 0.007 min
Response: 2896644
Conc: 20.34 ug/ml



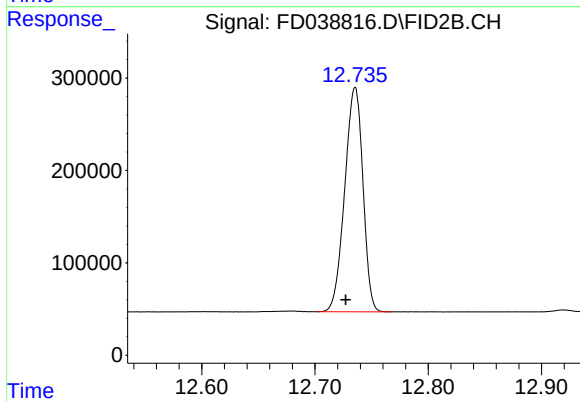
#10 Anthracene (C19.43)

R.T.: 10.995 min
Delta R.T.: 0.007 min
Response: 2539913
Conc: 18.54 ug/ml



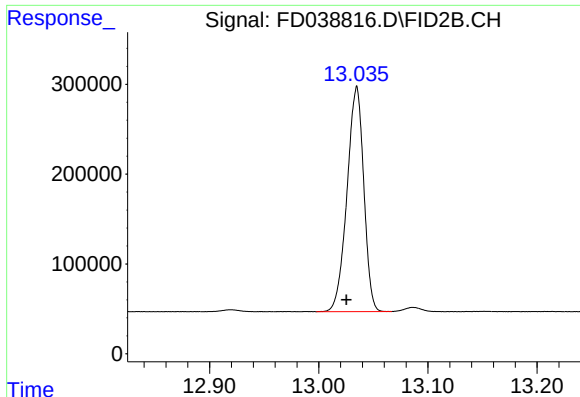
#11 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: 0.004 min
Response: 3012491
Conc: 20.76 ug/ml



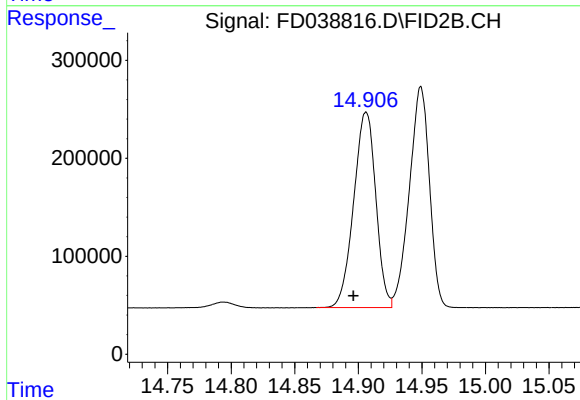
#12 Fluoranthene (C21.85)

R.T.: 12.736 min
Delta R.T.: 0.008 min
Response: 2717372
Conc: 19.74 ug/ml



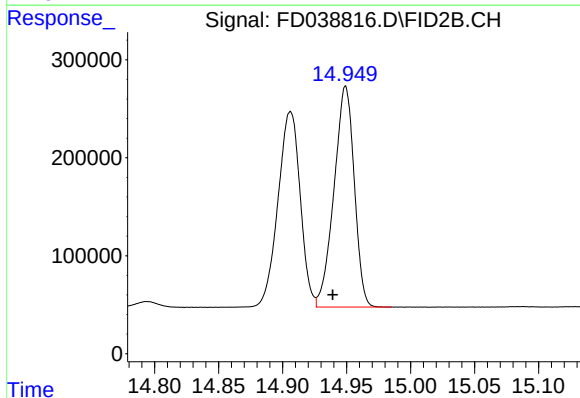
#13 Pyrene (C20.8)

R.T.: 13.035 min
Delta R.T.: 0.009 min
Response: 2670752
Conc: 19.61 ug/ml



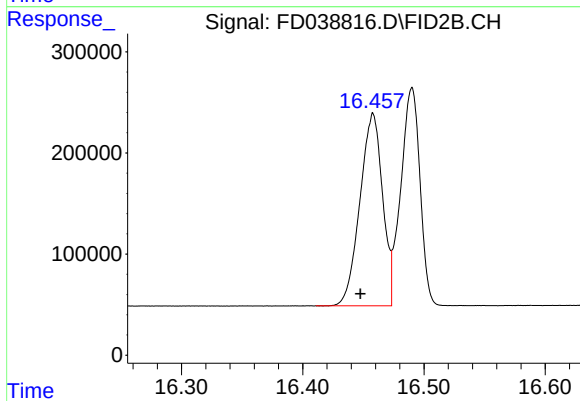
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.906 min
Delta R.T.: 0.010 min
Response: 2409842
Conc: 19.61 ug/ml



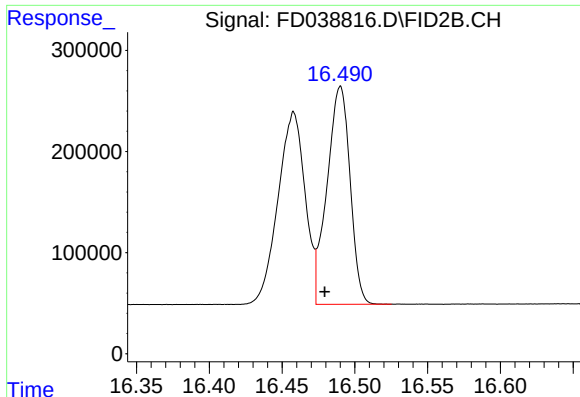
#15 Chrysene (C27.41)

R.T.: 14.949 min
Delta R.T.: 0.010 min
Response: 2483293
Conc: 19.68 ug/ml



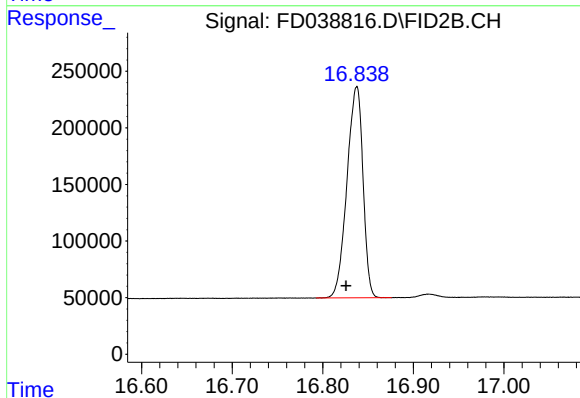
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.458 min
Delta R.T.: 0.010 min
Response: 2463828
Conc: 20.93 ug/ml



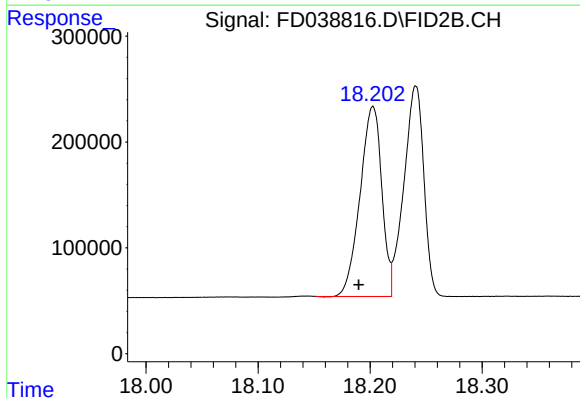
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.490 min
Delta R.T.: 0.011 min
Response: 2373525
Conc: 20.95 ug/ml



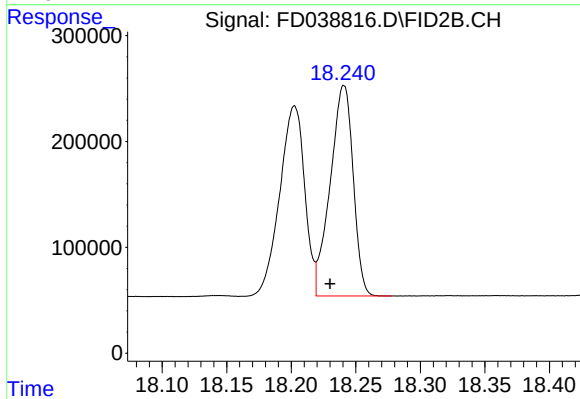
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.838 min
Delta R.T.: 0.012 min
Response: 2293718
Conc: 21.23 ug/ml



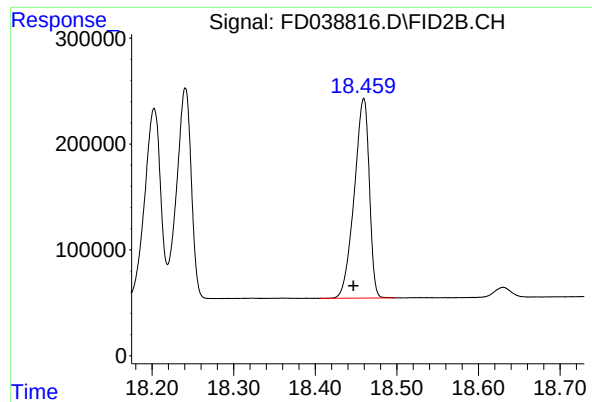
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.203 min
Delta R.T.: 0.013 min
Response: 2420834
Conc: 22.37 ug/ml



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

R.T.: 18.241 min
Delta R.T.: 0.011 min
Response: 2461244
Conc: 22.26 ug/ml



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

R.T.: 18.459 min
Delta R.T.: 0.013 min
Response: 2415834
Conc: 22.40 ug/ml