

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091621AR\
 Data File : FD038821.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2021 14:46
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 01:46:08 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...	7.767	2782710	20.809 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
6) S 2-Fluorobiphenyl (SURR)	8.637	1889056	20.483 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.97%
11) S ortho-Terphenyl (SURR)	11.681	2934164	20.224 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.557	3117600	21.290 ug/ml
2) T Naphthalene (C11.7)	6.104	3245399	21.018 ug/ml
3) T 2-Methylnaphthalene (...)	7.159	3156239	20.837 ug/ml
5) T Acenaphthylene (C15.06)	8.440	2988381	20.308 ug/ml
7) T Acenaphthene (C15.5)	8.736	3109777	20.548 ug/ml
8) T Flouorene (C16.55)	9.518	2986878	20.339 ug/ml
9) T Phenanthrene (C19.36)	10.919	2834469	19.904 ug/ml
10) T Anthracene (C19.43)	10.993	2480336	18.104 ug/ml
12) T Fluoranthene (C21.85)	12.734	2697267	19.596 ug/ml
13) T Pyrene (C20.8)	13.033	2665543	19.573 ug/ml
14) T Benzo[a]anthracene (C...	14.904	2446341	19.902 ug/ml
15) T Chrysene (C27.41)	14.947	2522799	19.996 ug/ml
16) T benzo[b]fluoranthene ...	16.455	2503703	21.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.487	2421167	21.368 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.835	2329532	21.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.200	2451788	22.653 ug/ml
20) T Dibenz[a,h]anthracene...	18.238	2514948	22.744 ug/ml
21) T Benzo[g,h,i]perylene ...	18.456	2456193	22.779 ug/ml

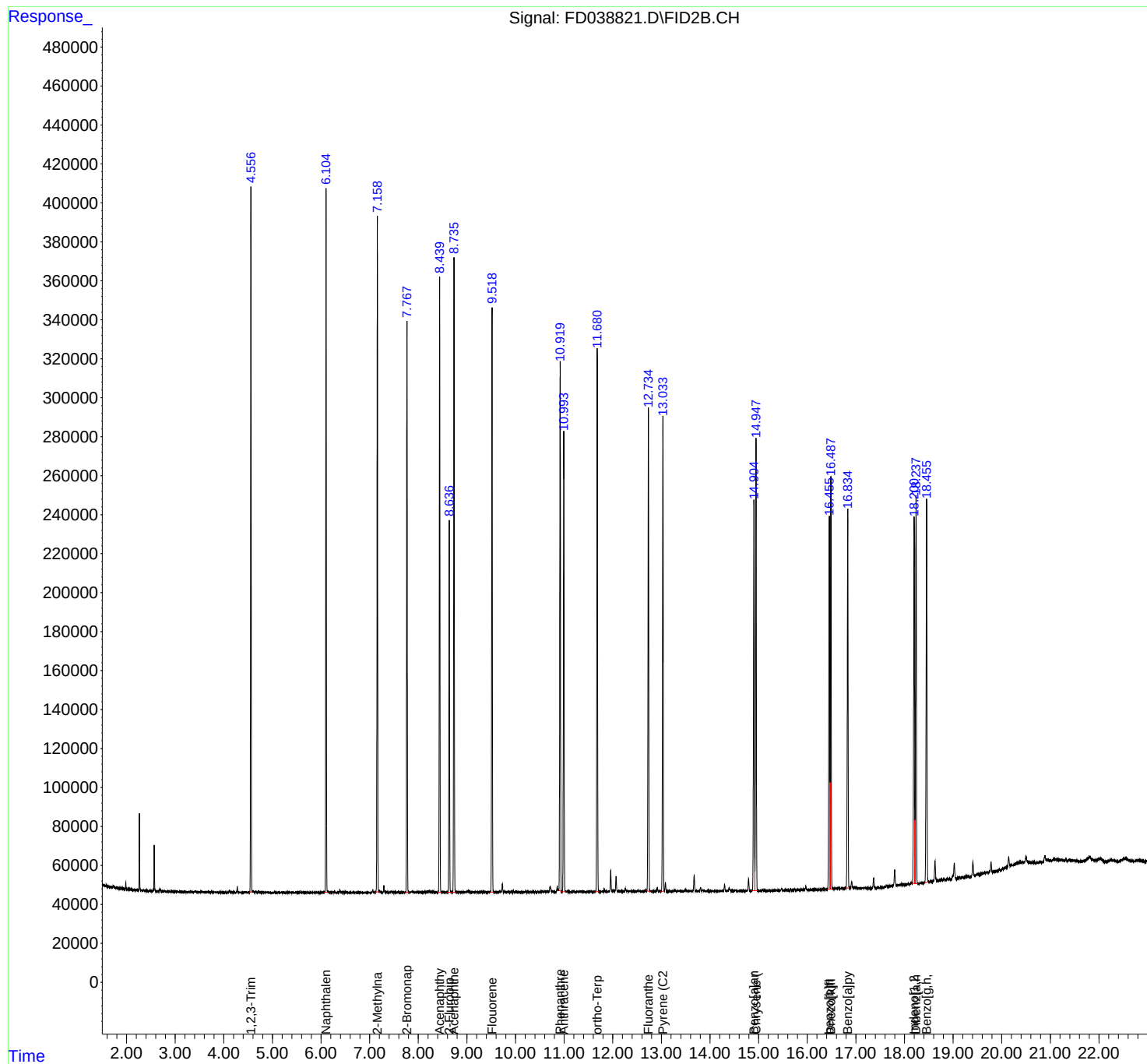
(f)=RT Delta > 1/2 Window

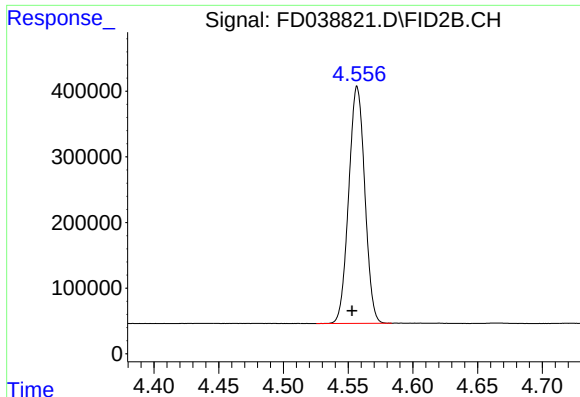
(m)=manual int.

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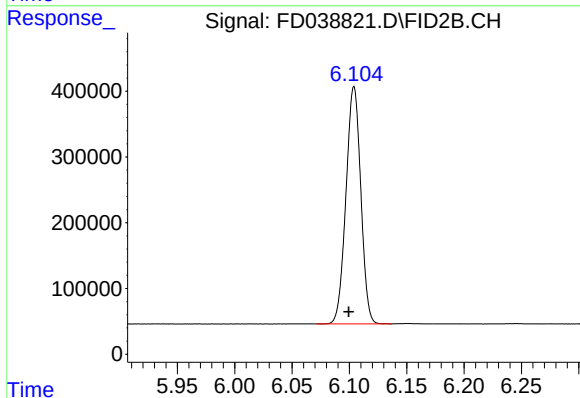
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Signal Info : 20M x 0.18mm x 0.18µm





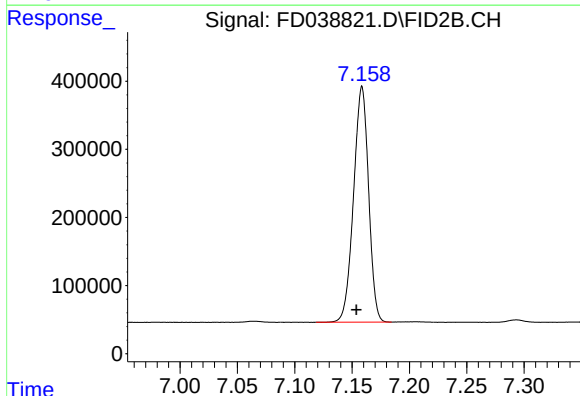
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.557 min
Delta R.T.: 0.004 min
Response: 3117600
Conc: 21.29 ug/ml



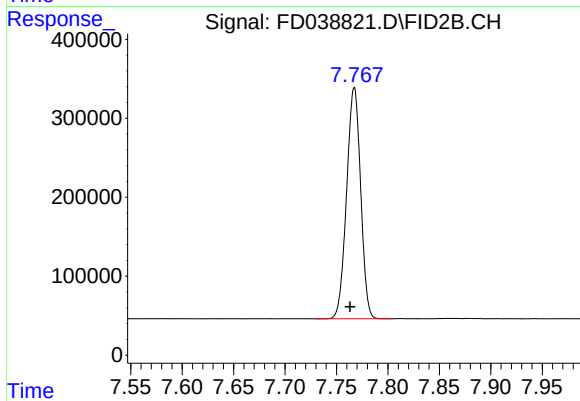
#2 Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: 0.005 min
Response: 3245399
Conc: 21.02 ug/ml



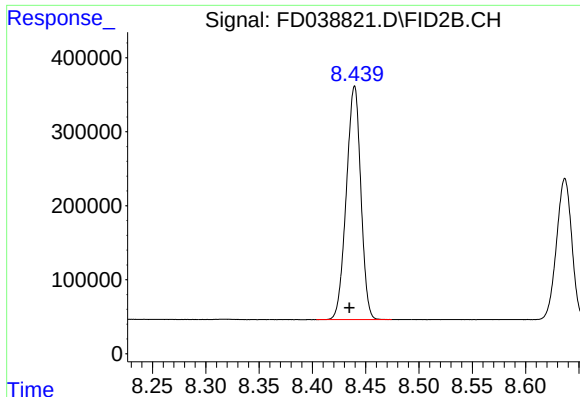
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.159 min
Delta R.T.: 0.005 min
Response: 3156239
Conc: 20.84 ug/ml



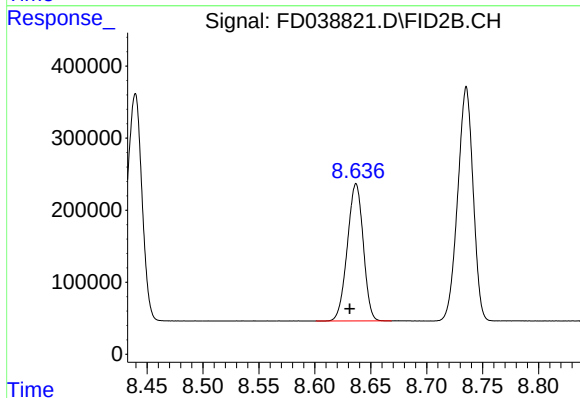
#4 2-Bromonaphthalene (SURR)

R.T.: 7.767 min
Delta R.T.: 0.004 min
Response: 2782710
Conc: 20.81 ug/ml



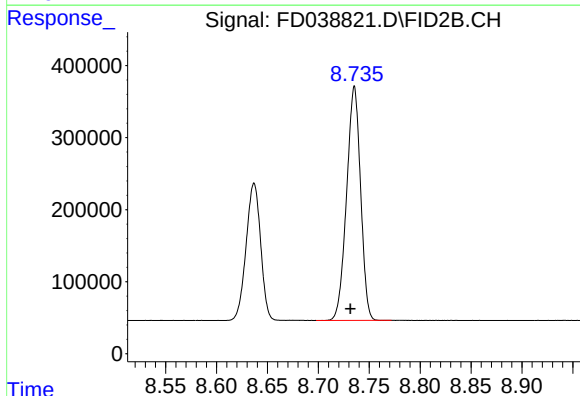
#5 Acenaphthylene (C15.06)

R.T.: 8.440 min
Delta R.T.: 0.005 min
Response: 2988381
Conc: 20.31 ug/ml



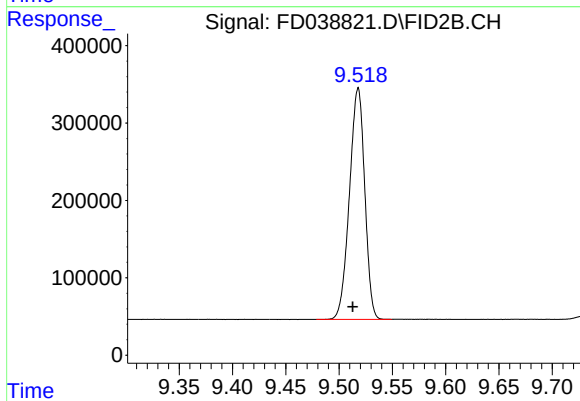
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.637 min
Delta R.T.: 0.006 min
Response: 1889056
Conc: 20.48 ug/ml



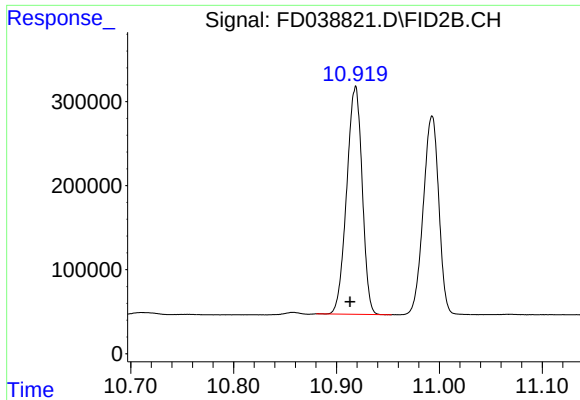
#7 Acenaphthene (C15.5)

R.T.: 8.736 min
Delta R.T.: 0.004 min
Response: 3109777
Conc: 20.55 ug/ml



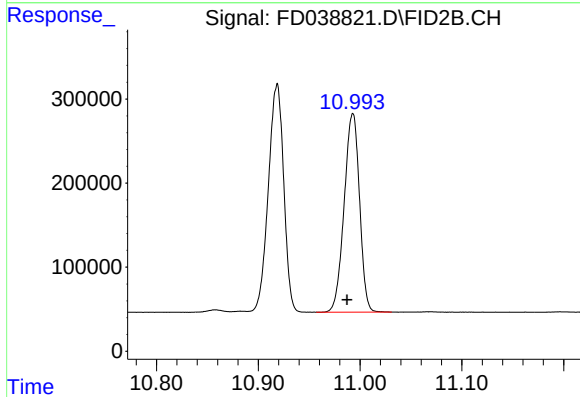
#8 Fluorene (C16.55)

R.T.: 9.518 min
Delta R.T.: 0.005 min
Response: 2986878
Conc: 20.34 ug/ml



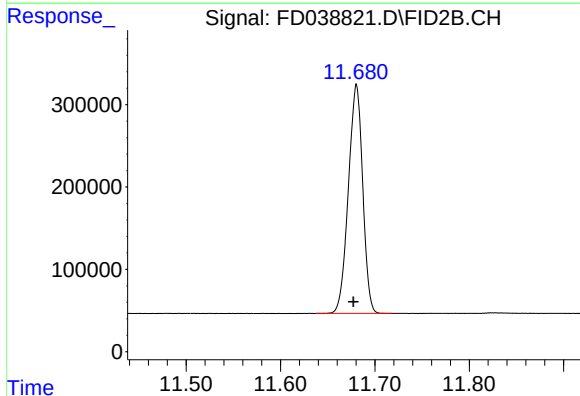
#9 Phenanthrene (C19.36)

R.T.: 10.919 min
Delta R.T.: 0.006 min
Response: 2834469
Conc: 19.90 ug/ml



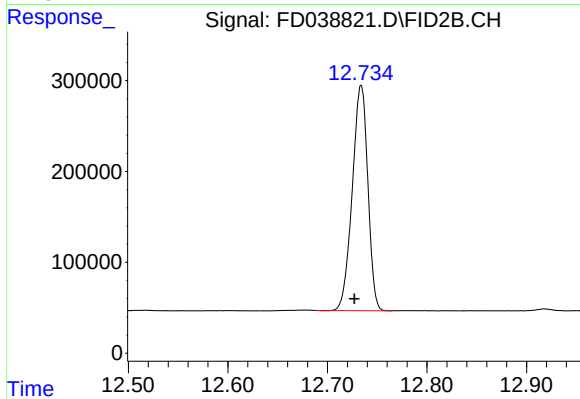
#10 Anthracene (C19.43)

R.T.: 10.993 min
Delta R.T.: 0.006 min
Response: 2480336
Conc: 18.10 ug/ml



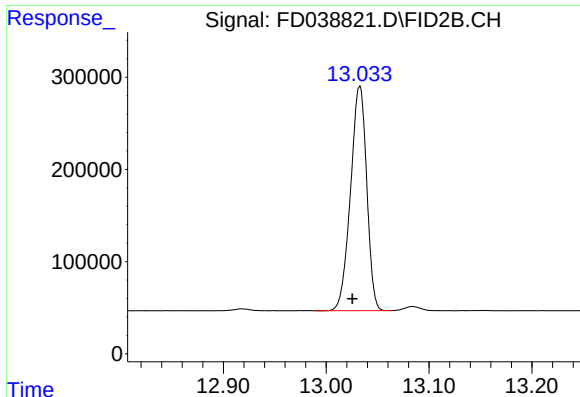
#11 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.003 min
Response: 2934164
Conc: 20.22 ug/ml



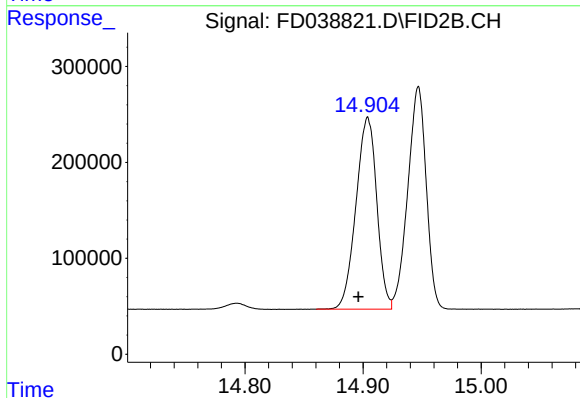
#12 Fluoranthene (C21.85)

R.T.: 12.734 min
Delta R.T.: 0.007 min
Response: 2697267
Conc: 19.60 ug/ml



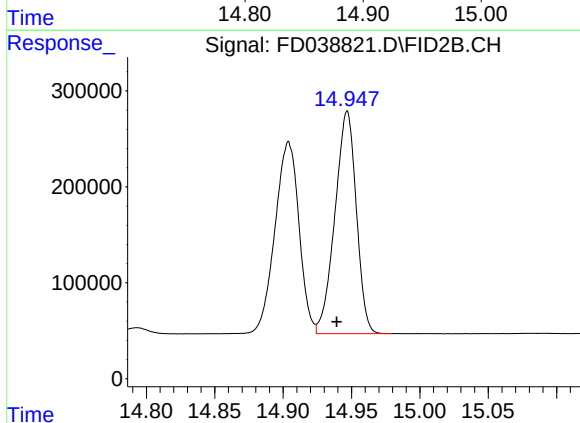
#13 Pyrene (C20.8)

R.T.: 13.033 min
Delta R.T.: 0.007 min
Response: 2665543
Conc: 19.57 ug/ml



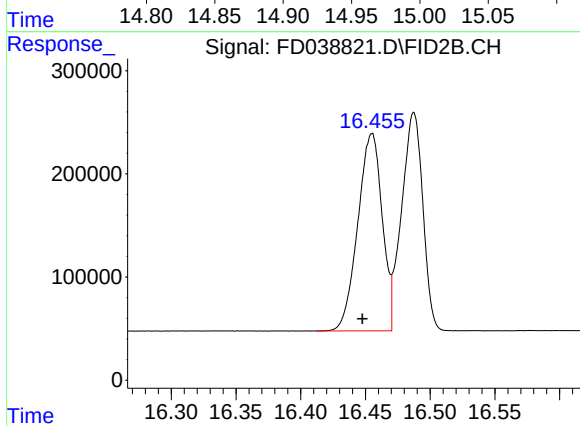
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.904 min
Delta R.T.: 0.008 min
Response: 2446341
Conc: 19.90 ug/ml



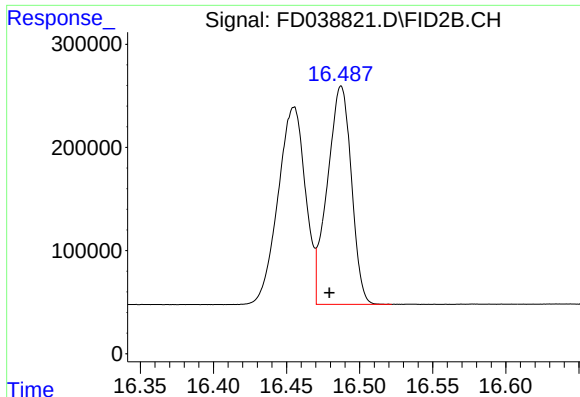
#15 Chrysene (C27.41)

R.T.: 14.947 min
Delta R.T.: 0.008 min
Response: 2522799
Conc: 20.00 ug/ml



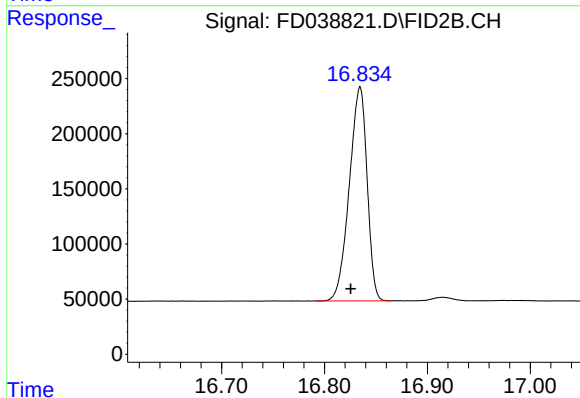
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.455 min
Delta R.T.: 0.007 min
Response: 2503703
Conc: 21.27 ug/ml



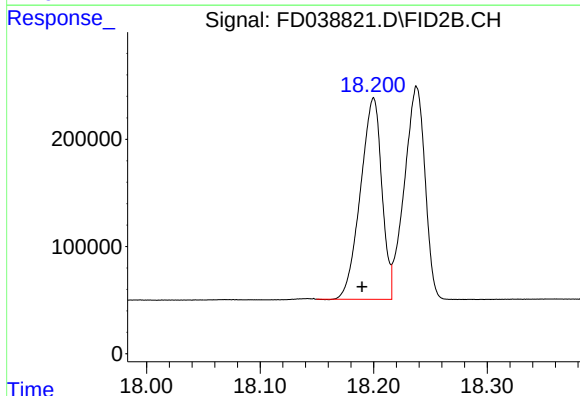
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.487 min
Delta R.T.: 0.008 min
Response: 2421167
Conc: 21.37 ug/ml



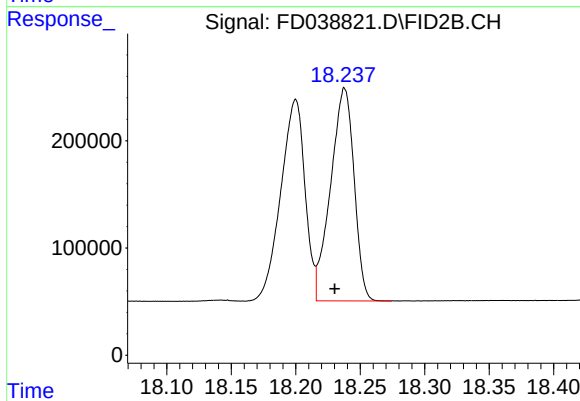
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.835 min
Delta R.T.: 0.009 min
Response: 2329532
Conc: 21.56 ug/ml



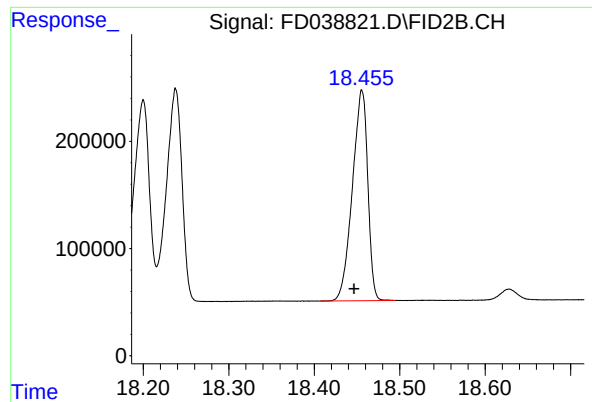
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.200 min
Delta R.T.: 0.010 min
Response: 2451788
Conc: 22.65 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.008 min
Response: 2514948
Conc: 22.74 ug/ml



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

R.T.: 18.456 min
Delta R.T.: 0.009 min
Response: 2456193
Conc: 22.78 ug/ml