

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062921AR\
 Data File : FD038023.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jun 2021 11:14
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 29 13:37:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:35:39 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...	7.527	2693385	19.230 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
6) S 2-Fluorobiphenyl (SURR)	8.387	1731040	18.280 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.56%
11) S ortho-Terphenyl (SURR)	11.424	2878064	17.973 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.331	3094652	21.158 ug/ml
2) T Naphthalene (C11.7)	5.865	3105173	20.053 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	3037429	19.430 ug/ml
5) T Acenaphthylene (C15.06)	8.190	2864641	18.781 ug/ml
7) T Acenaphthene (C15.5)	8.485	2977744	18.887 ug/ml
8) T Fluorene (C16.55)	9.265	2754299	18.036 ug/ml
9) T Phenanthrene (C19.36)	10.660	2626360	17.206 ug/ml
10) T Anthracene (C19.43)	10.734	2496112	16.805 ug/ml
12) T Fluoranthene (C21.85)	12.469	2445185	16.225 ug/ml
13) T Pyrene (C20.8)	12.765	2360868	15.997 ug/ml
14) T Benzo[a]anthracene (C...	14.636	2190444	16.315 ug/ml
15) T Chrysene (C27.41)	14.678	2322955	16.542 ug/ml
16) T benzo[b]fluoranthene ...	16.218	2296419	17.743 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	2296419	18.027 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	2136727	18.337 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	2187672	19.724 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	2328489	20.572 ug/ml
21) T Benzo[g,h,i]perylene ...	18.185	2310358	20.945 ug/ml

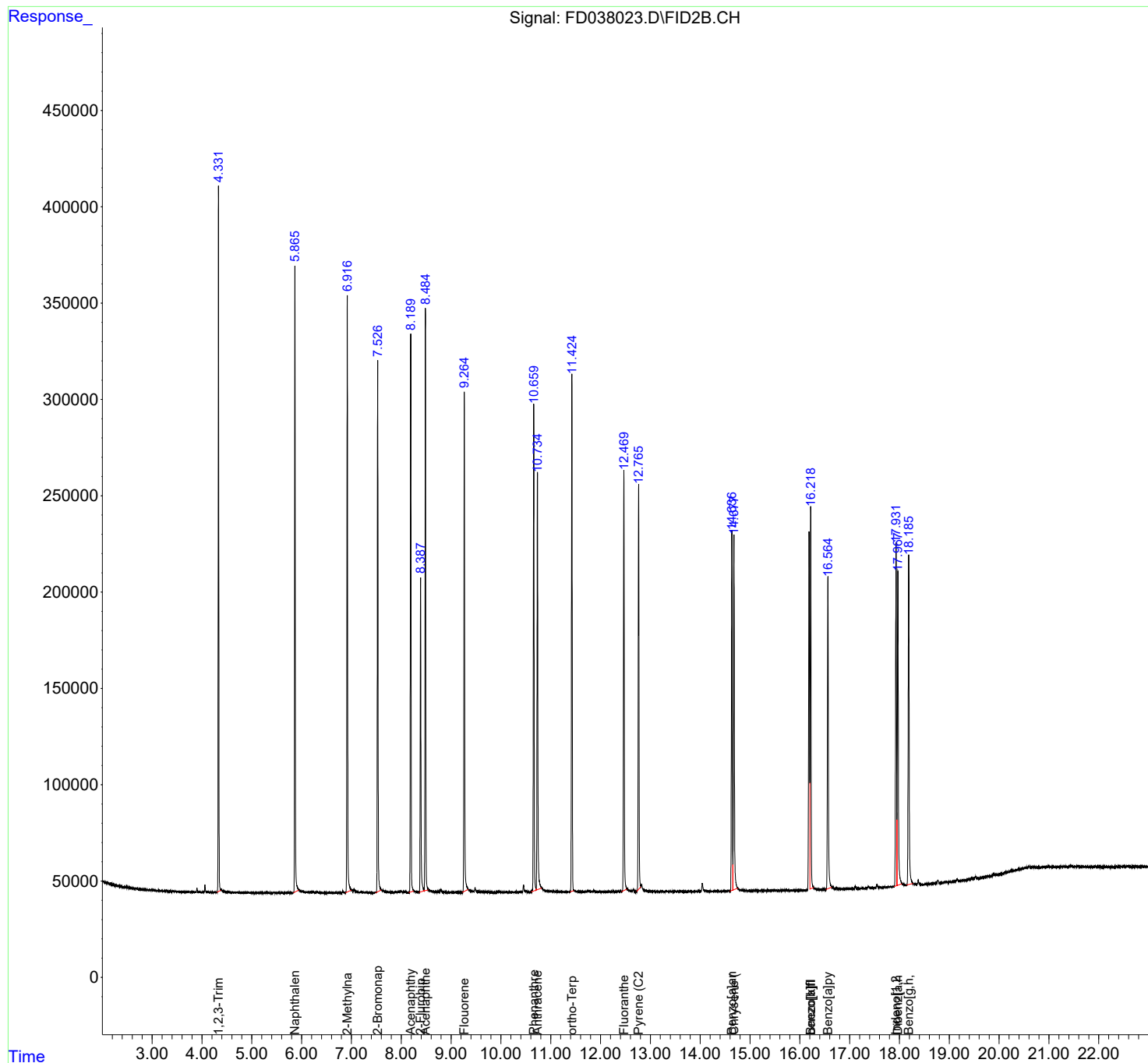
(f)=RT Delta > 1/2 Window

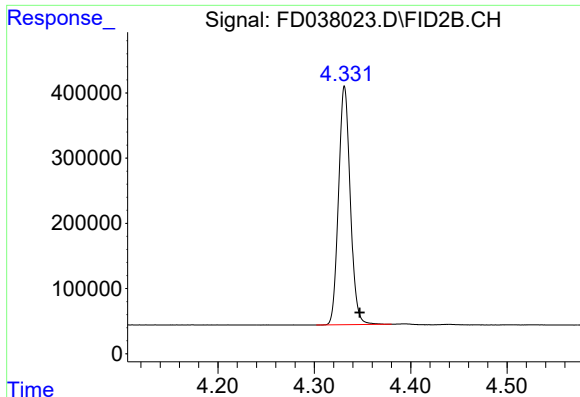
(m)=manual int.

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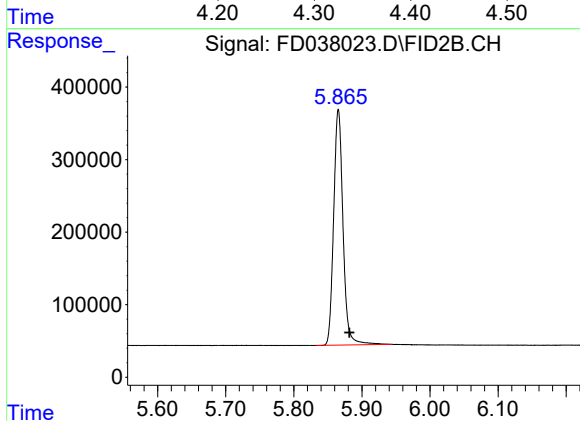
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





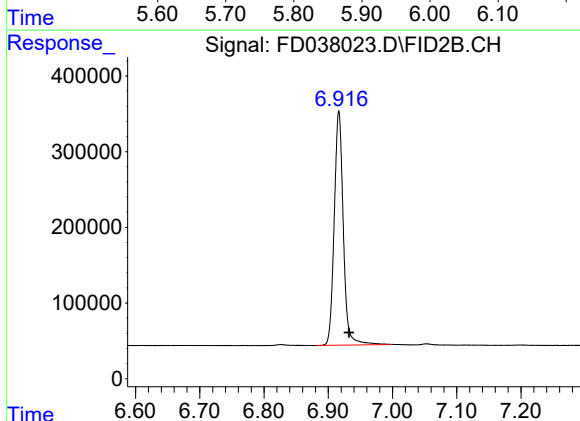
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.331 min
Delta R.T.: -0.016 min
Response: 3094652
Conc: 21.16 ug/ml



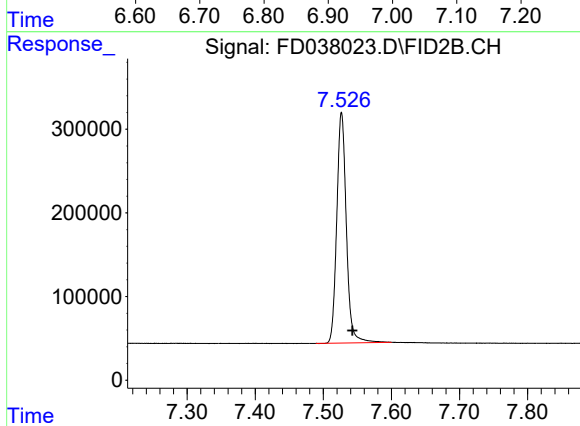
#2 Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: -0.016 min
Response: 3105173
Conc: 20.05 ug/ml



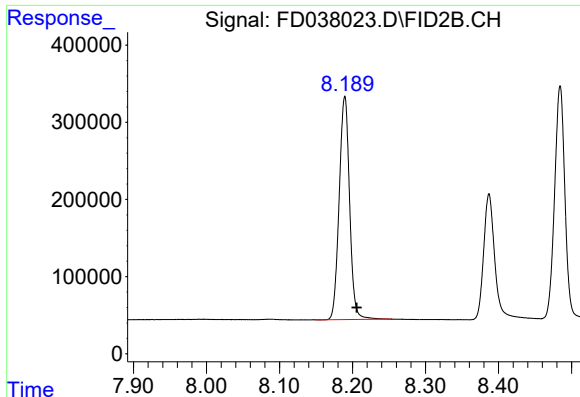
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.016 min
Response: 3037429
Conc: 19.43 ug/ml



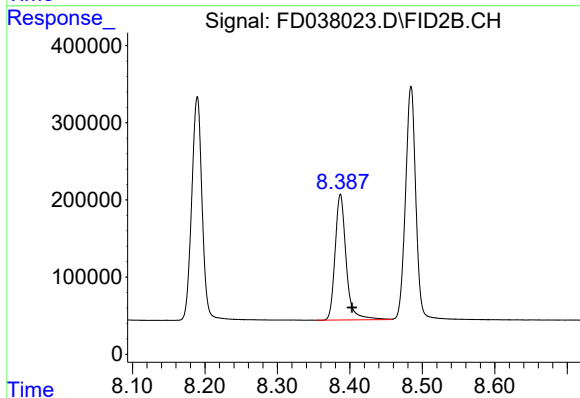
#4 2-Bromonaphthalene (SURR)

R.T.: 7.527 min
Delta R.T.: -0.016 min
Response: 2693385
Conc: 19.23 ug/ml



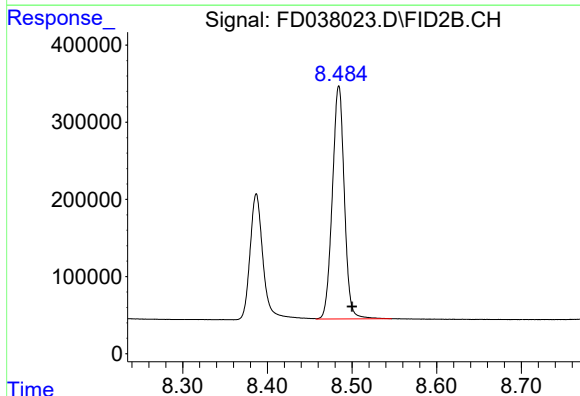
#5 Acenaphthylene (C15.06)

R.T.: 8.190 min
Delta R.T.: -0.016 min
Response: 2864641
Conc: 18.78 ug/ml



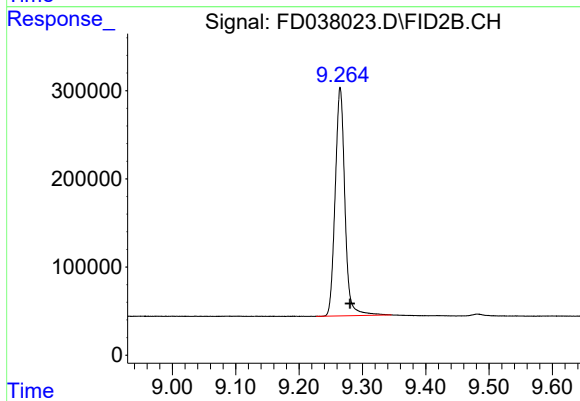
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: -0.016 min
Response: 1731040
Conc: 18.28 ug/ml



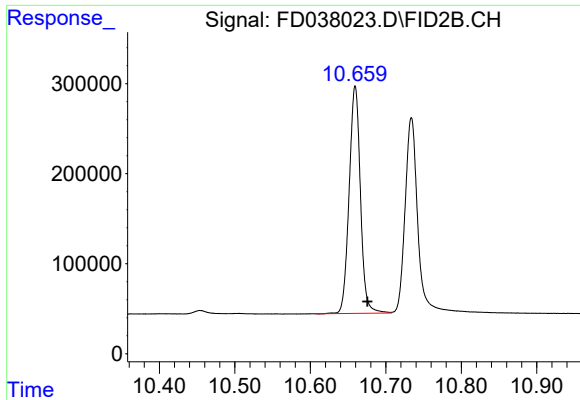
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.016 min
Response: 2977744
Conc: 18.89 ug/ml



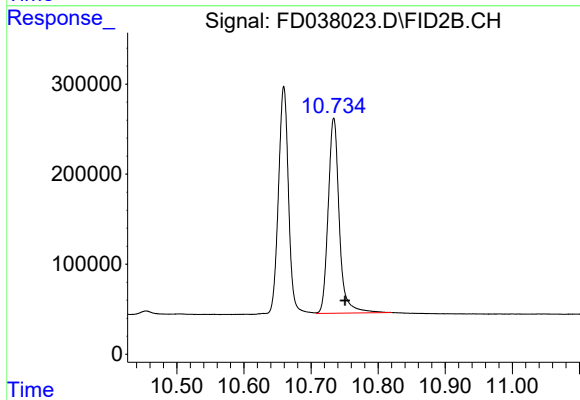
#8 Fluorene (C16.55)

R.T.: 9.265 min
Delta R.T.: -0.016 min
Response: 2754299
Conc: 18.04 ug/ml



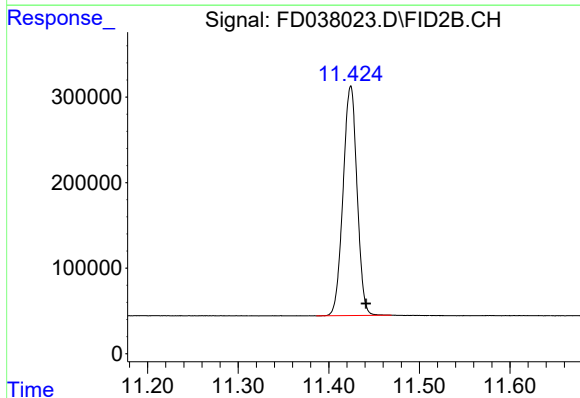
#9 Phenanthrene (C19.36)

R.T.: 10.660 min
Delta R.T.: -0.016 min
Response: 2626360
Conc: 17.21 ug/ml



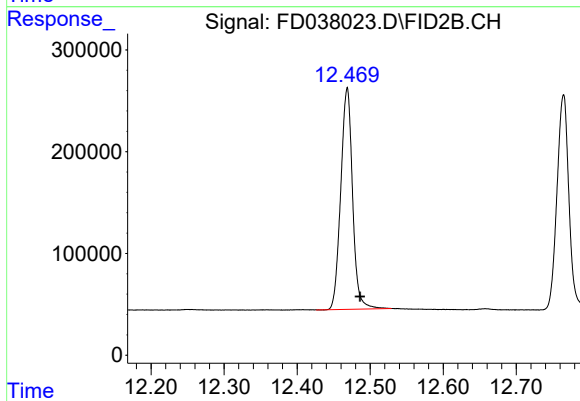
#10 Anthracene (C19.43)

R.T.: 10.734 min
Delta R.T.: -0.017 min
Response: 2496112
Conc: 16.80 ug/ml



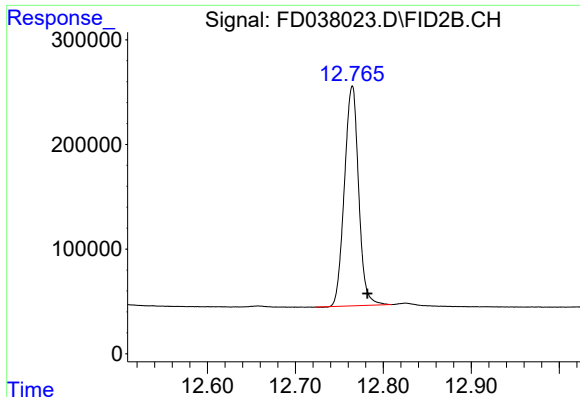
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.017 min
Response: 2878064
Conc: 17.97 ug/ml



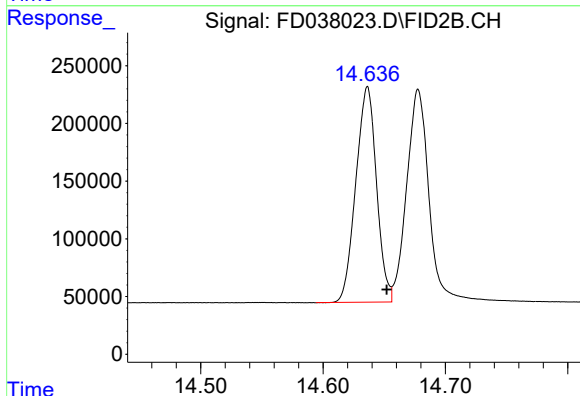
#12 Fluoranthene (C21.85)

R.T.: 12.469 min
Delta R.T.: -0.017 min
Response: 2445185
Conc: 16.23 ug/ml



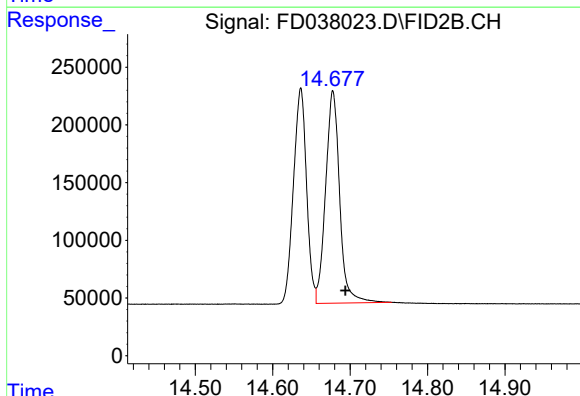
#13 Pyrene (C20.8)

R.T.: 12.765 min
Delta R.T.: -0.017 min
Response: 2360868
Conc: 16.00 ug/ml



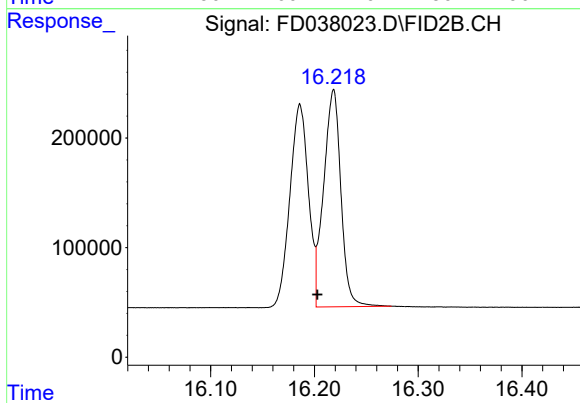
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: -0.016 min
Response: 2190444
Conc: 16.32 ug/ml



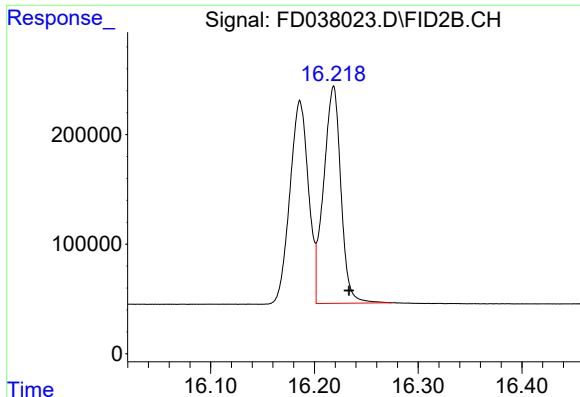
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: -0.016 min
Response: 2322955
Conc: 16.54 ug/ml



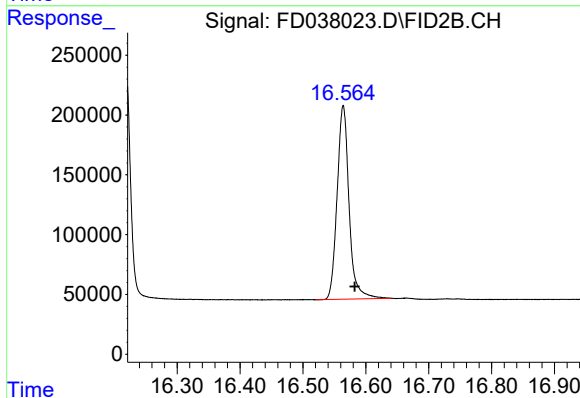
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min
Delta R.T.: 0.016 min
Response: 2296419
Conc: 17.74 ug/ml



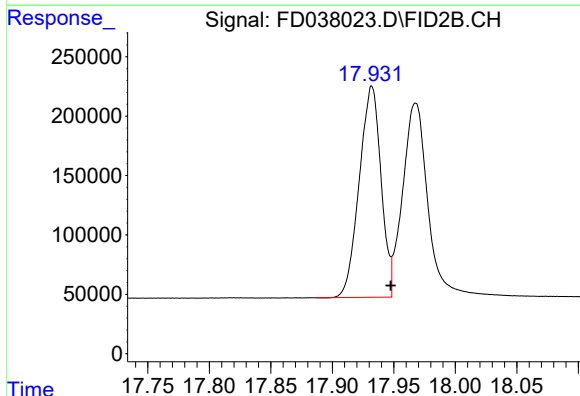
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: -0.015 min
Response: 2296419
Conc: 18.03 ug/ml



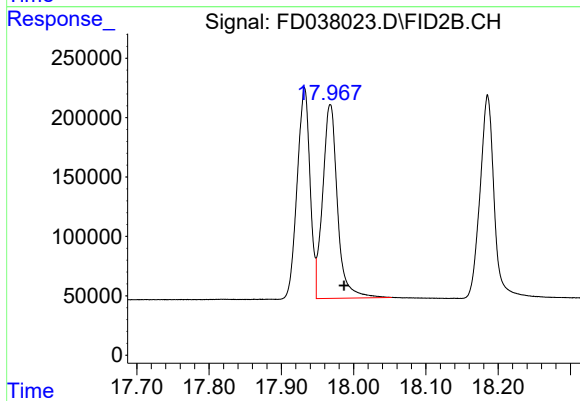
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
Delta R.T.: -0.018 min
Response: 2136727
Conc: 18.34 ug/ml



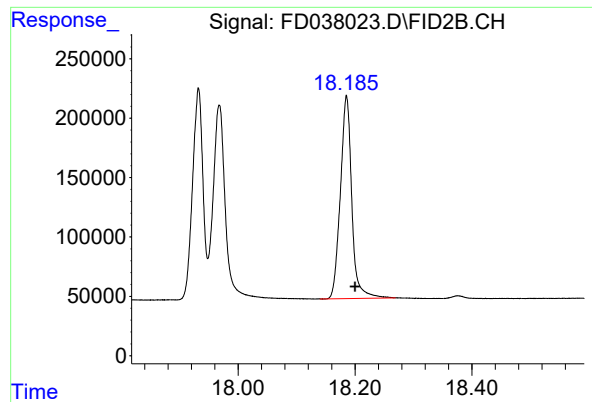
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: -0.015 min
Response: 2187672
Conc: 19.72 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.019 min
Response: 2328489
Conc: 20.57 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.014 min
Response: 2310358
Conc: 20.94 ug/ml