

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AR\
 Data File : FD038185.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 12:36
 Operator : DD\AJ
 Sample : PB137648BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 03:48:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.519	6298050	48.324 ug/ml
Spiked Amount 50.000		Recovery =	96.65%
6) S 2-Fluorobiphenyl (SURR)	8.380	3833747	43.323 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.65%
11) S ortho-Terphenyl (SURR)	11.416	5492799	36.244 ug/ml
Spiked Amount 50.000		Recovery =	72.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.323	4157857	29.354 ug/mlm
2) T Naphthalene (C11.7)	5.857	4836855	32.716 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	4873034	33.204 ug/ml
5) T Acenaphthylene (C15.06)	8.181	5198894	34.851 ug/ml
7) T Acenaphthene (C15.5)	8.477	5476817	35.372 ug/ml
8) T Flouorene (C16.55)	9.257	5189077	35.398 ug/ml
9) T Phenanthrene (C19.36)	10.652	5076980	35.121 ug/ml
10) T Anthracene (C19.43)	10.727	5142693	36.351 ug/ml
12) T Fluoranthene (C21.85)	12.462	4913481	33.916 ug/ml
13) T Pyrene (C20.8)	12.758	4849532	34.034 ug/ml
14) T Benzo[a]anthracene (C...	14.629	4330589	33.918 ug/ml
15) T Chrysene (C27.41)	14.672	4880877	34.476 ug/ml
16) T benzo[b]fluoranthene ...	16.181	4401502	35.296 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	4466101	34.045 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	4386429	37.394 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	3966798	38.325 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	4378099	37.144 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	4342006	39.780 ug/ml

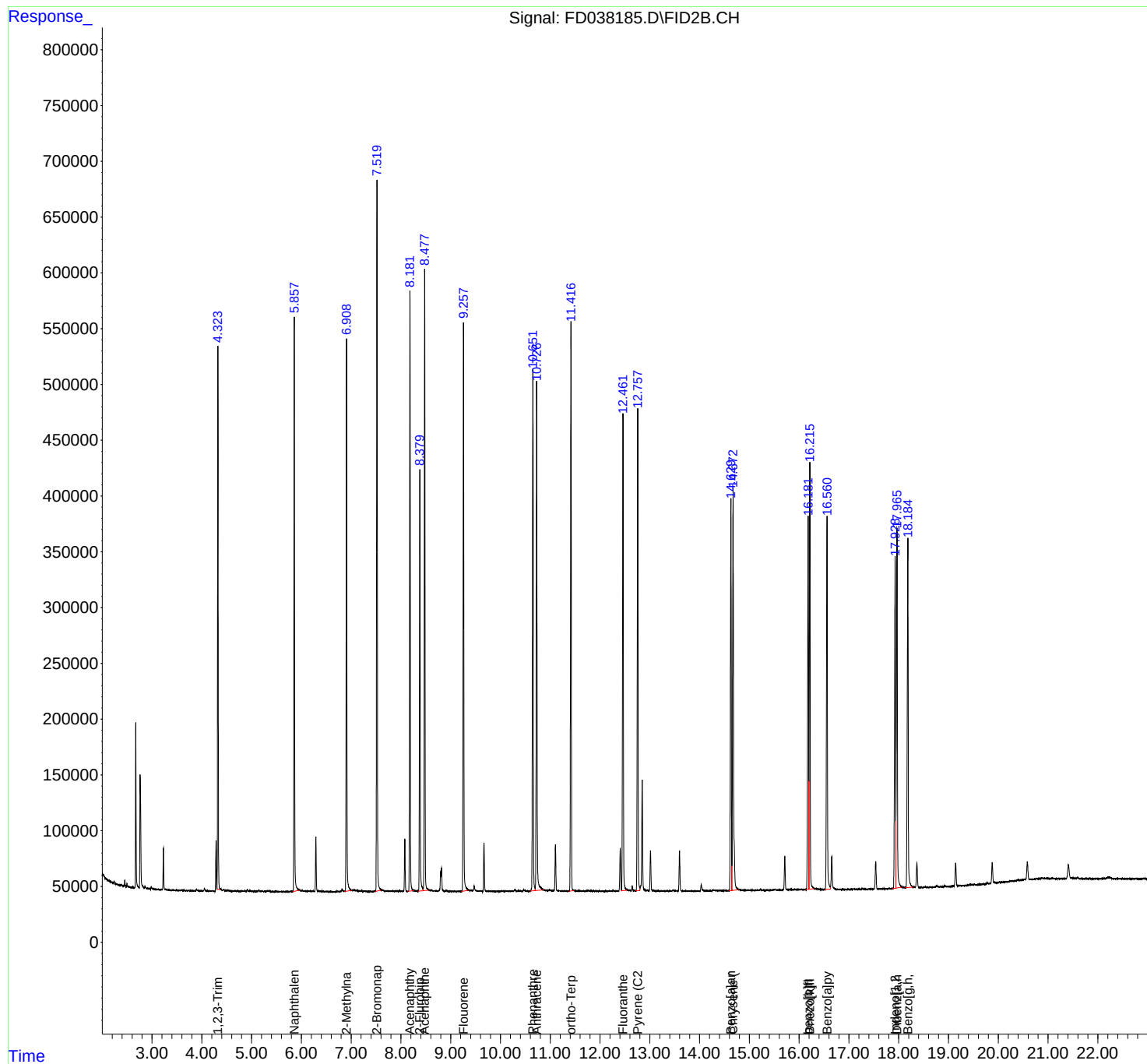
(f)=RT Delta > 1/2 Window

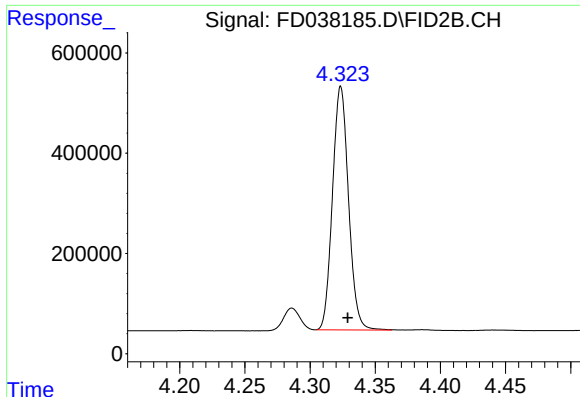
(m)=manual int.

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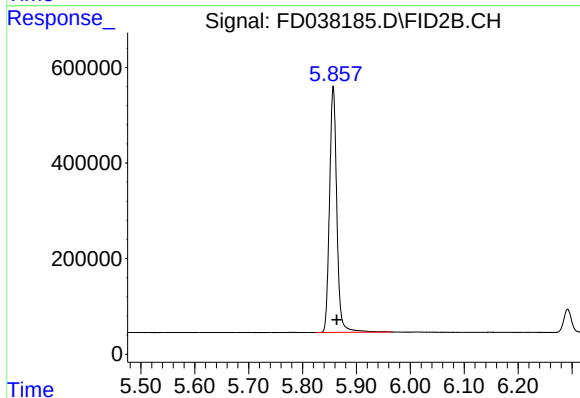
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Signal Info : 20M x 0.18mm x 0.18µm





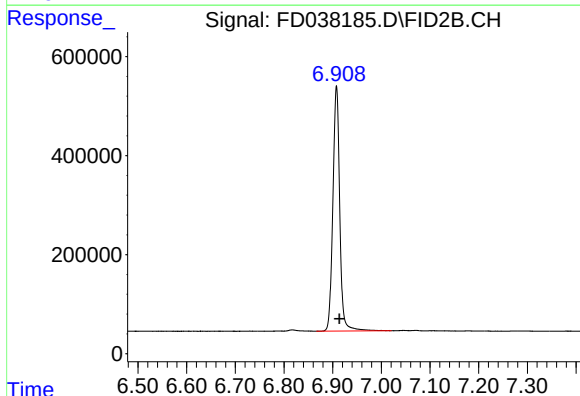
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.323 min
Delta R.T.: -0.006 min
Response: 4157857
Conc: 29.35 ug/ml m



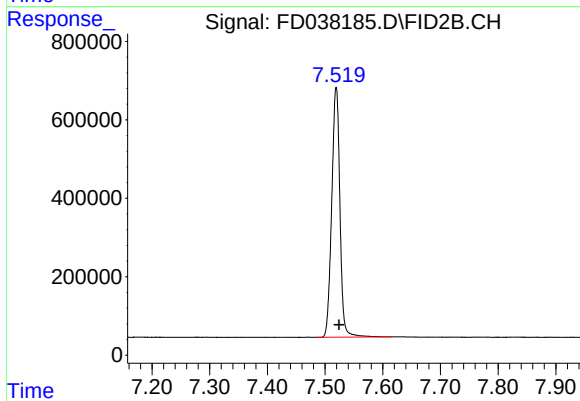
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.007 min
Response: 4836855
Conc: 32.72 ug/ml



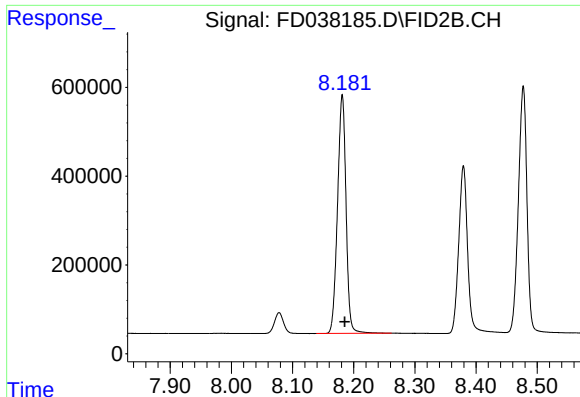
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.006 min
Response: 4873034
Conc: 33.20 ug/ml



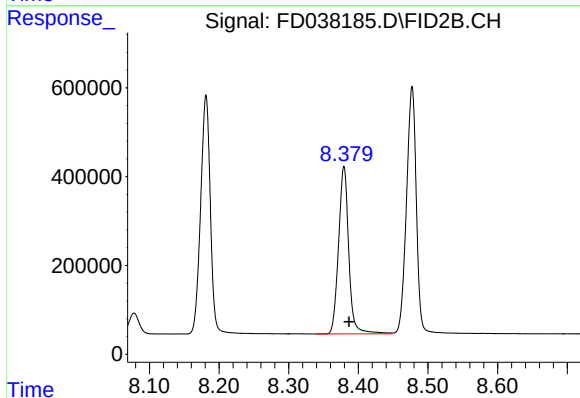
#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: -0.005 min
Response: 6298050
Conc: 48.32 ug/ml



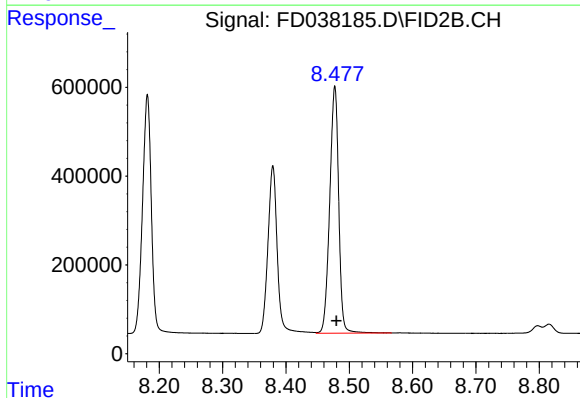
#5 Acenaphthylene (C15.06)

R.T.: 8.181 min
Delta R.T.: -0.004 min
Response: 5198894
Conc: 34.85 ug/ml



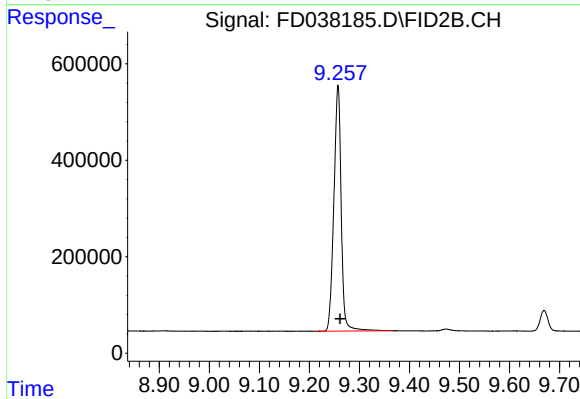
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.007 min
Response: 3833747
Conc: 43.32 ug/ml



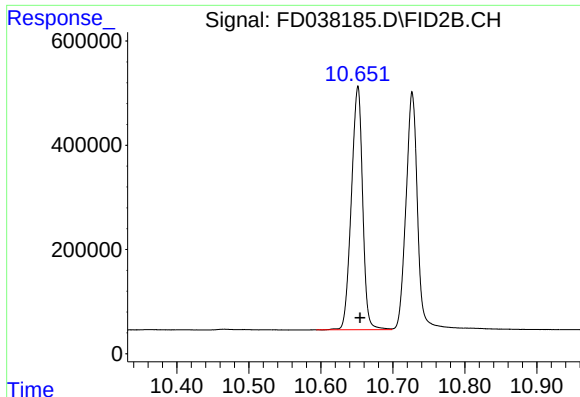
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 5476817
Conc: 35.37 ug/ml



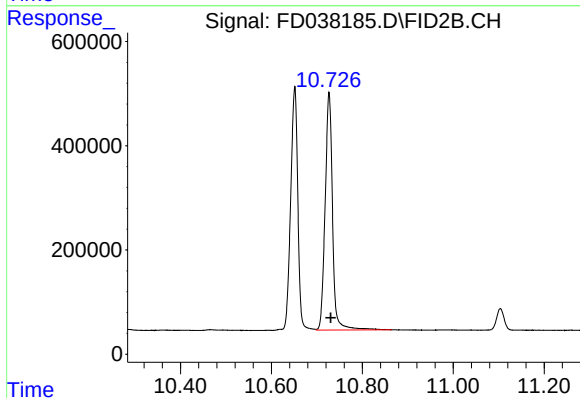
#8 Flouorene (C16.55)

R.T.: 9.257 min
Delta R.T.: -0.004 min
Response: 5189077
Conc: 35.40 ug/ml



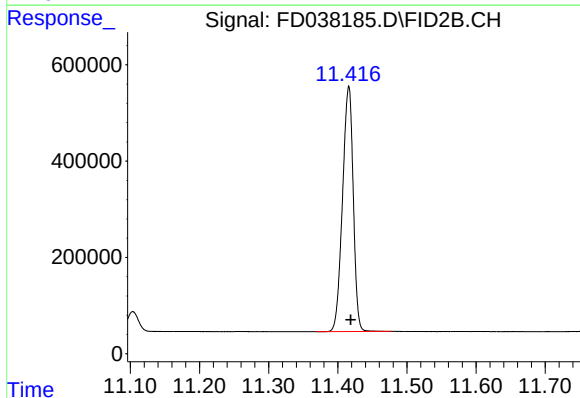
#9 Phenanthrene (C19.36)

R.T.: 10.652 min
Delta R.T.: -0.003 min
Response: 5076980
Conc: 35.12 ug/ml



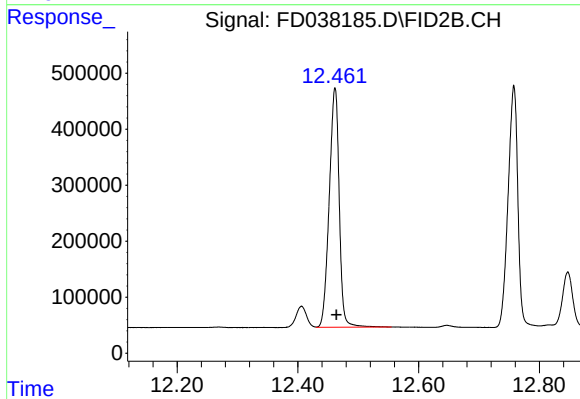
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.004 min
Response: 5142693
Conc: 36.35 ug/ml



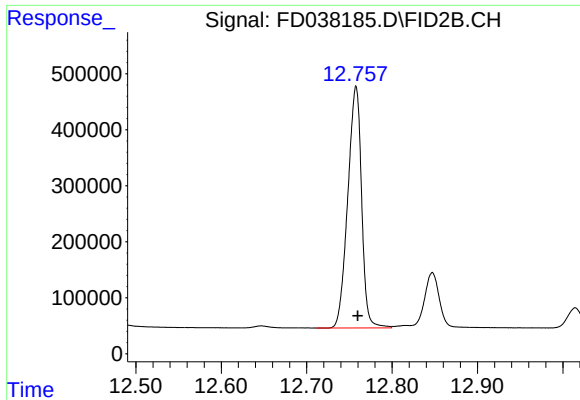
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.003 min
Response: 5492799
Conc: 36.24 ug/ml



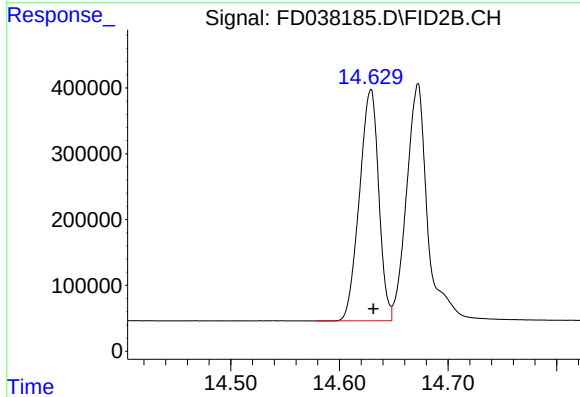
#12 Fluoranthene (C21.85)

R.T.: 12.462 min
Delta R.T.: -0.002 min
Response: 4913481
Conc: 33.92 ug/ml



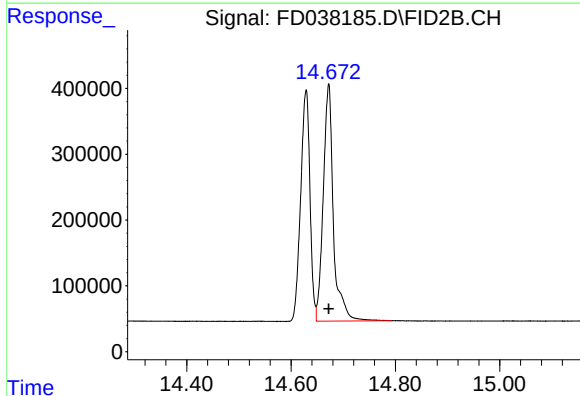
#13 Pyrene (C20.8)

R.T.: 12.758 min
Delta R.T.: -0.002 min
Response: 4849532
Conc: 34.03 ug/ml



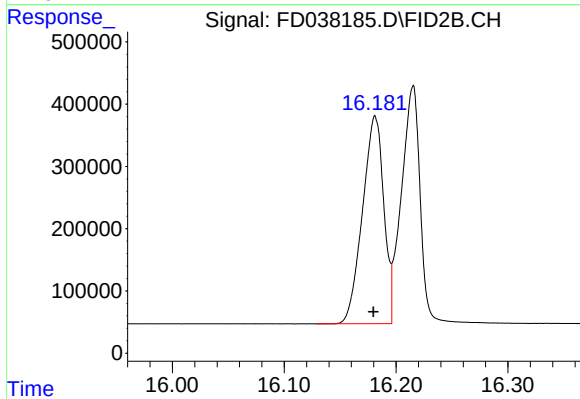
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: -0.003 min
Response: 4330589
Conc: 33.92 ug/ml



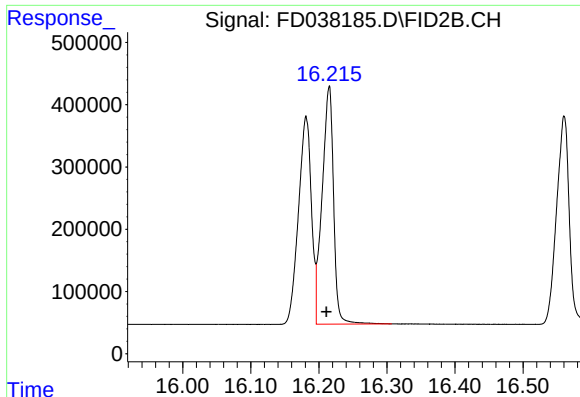
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.000 min
Response: 4880877
Conc: 34.48 ug/ml



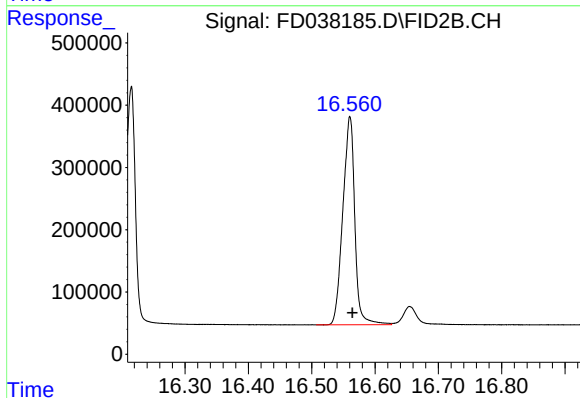
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.181 min
Delta R.T.: 0.001 min
Response: 4401502
Conc: 35.30 ug/ml



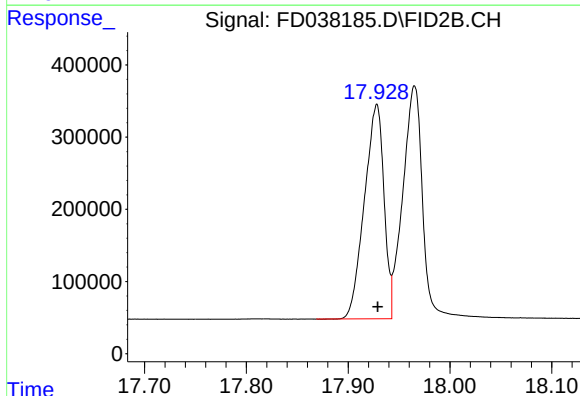
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.215 min
Delta R.T.: 0.004 min
Response: 4466101
Conc: 34.05 ug/ml



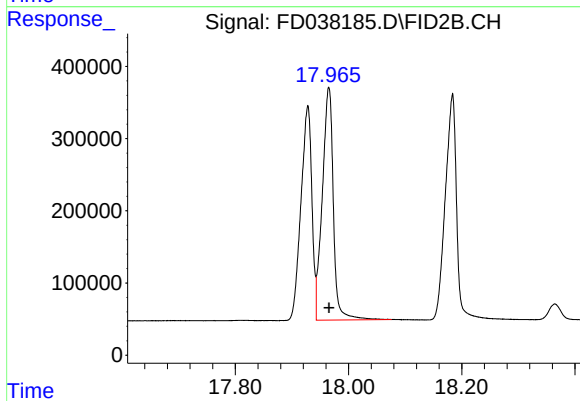
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: -0.004 min
Response: 4386429
Conc: 37.39 ug/ml



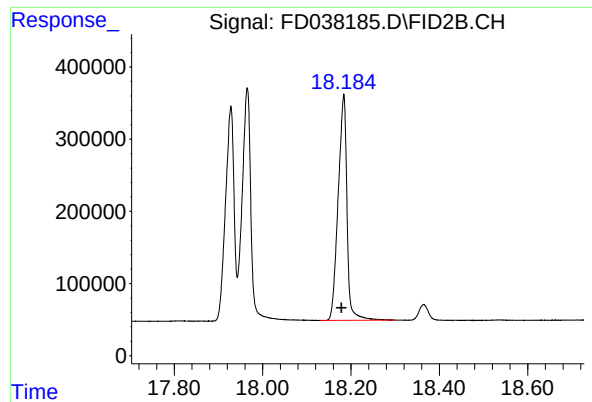
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: -0.001 min
Response: 3966798
Conc: 38.33 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.000 min
Response: 4378099
Conc: 37.14 ug/ml



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

R.T.: 18.184 min
Delta R.T.: 0.006 min
Response: 4342006
Conc: 39.78 ug/ml