

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AR\
 Data File : FD038188.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 15:21
 Operator : DD\AJ
 Sample : M2940-01
 Misc : LOD 4 PPM
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 03:49:04 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	7005881	53.756 ug/ml
Spiked Amount 50.000		Recovery =	107.51%
6) S 2-Fluorobiphenyl (SURR)	8.379	4452281	50.313 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.63%
11) S ortho-Terphenyl (SURR)	11.417	6401541	42.240 ug/ml
Spiked Amount 50.000		Recovery =	84.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.324	508107	3.587 ug/ml
2) T Naphthalene (C11.7)	5.858	551373	3.729 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	539204	3.674 ug/ml
5) T Acenaphthylene (C15.06)	8.179	597320	4.004 ug/ml
7) T Acenaphthene (C15.5)	8.473	672103	4.341 ug/ml
8) T Flouorene (C16.55)	9.255	545273	3.720 ug/ml
9) T Phenanthrene (C19.36)	10.649	510211	3.530 ug/ml
10) T Anthracene (C19.43)	10.724	493890	3.491 ug/ml
12) T Fluoranthene (C21.85)	12.458	519412	3.585 ug/ml
13) T Pyrene (C20.8)	12.753	541462	3.800 ug/ml
14) T Benzo[a]anthracene (C...	14.626	417935	3.273 ug/ml
15) T Chrysene (C27.41)	14.667	599371	4.234 ug/ml
16) T benzo[b]fluoranthene ...	16.175	459857	3.688 ug/ml
17) T Bnezo[k]fluoranthene ...	16.206	568462	4.333 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	483837	4.125 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	374161	3.615 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	540715	4.587 ug/ml
21) T Benzo[g,h,i]perylene ...	18.174	487601	4.467 ug/ml

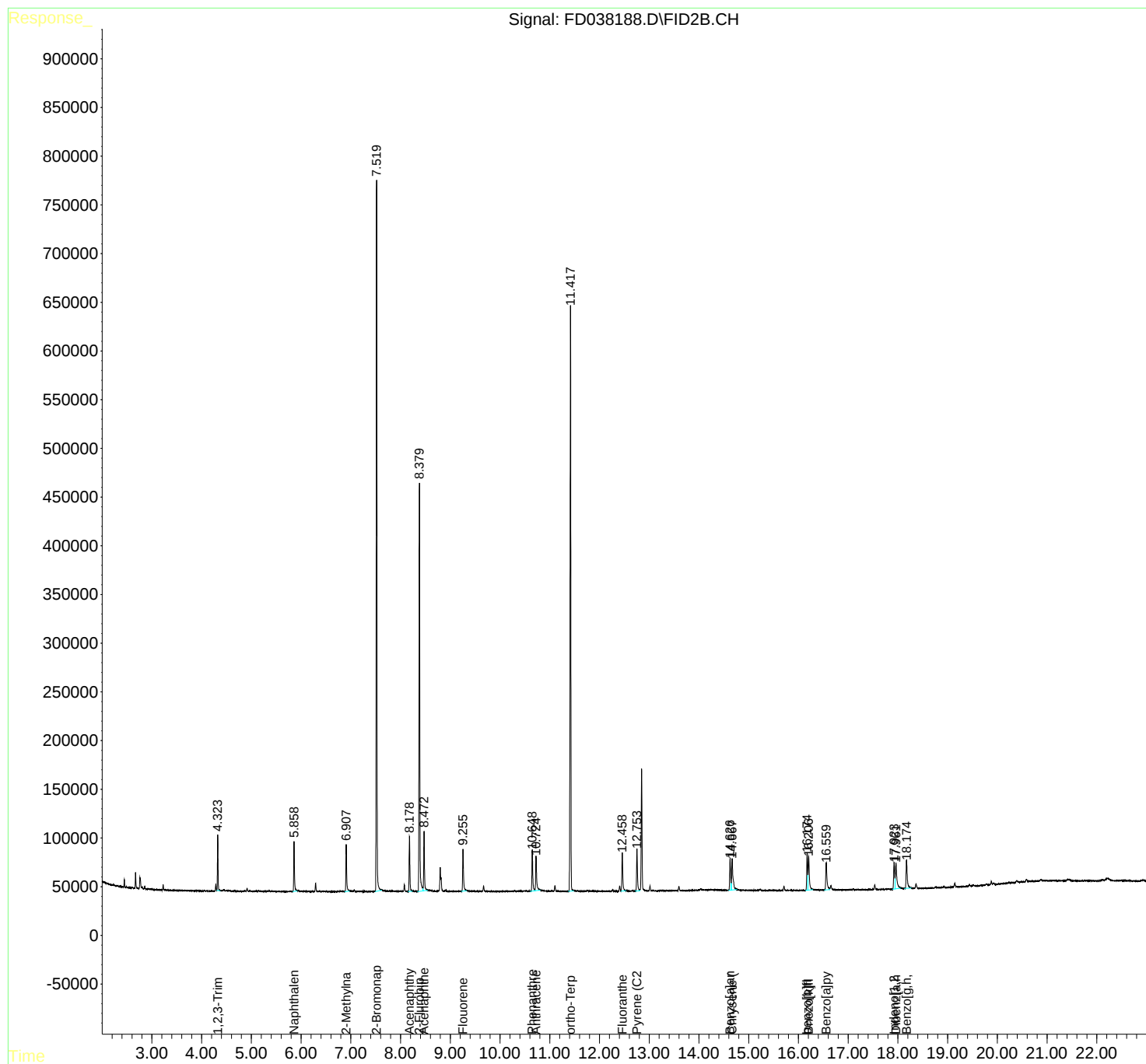
(f)=RT Delta > 1/2 Window

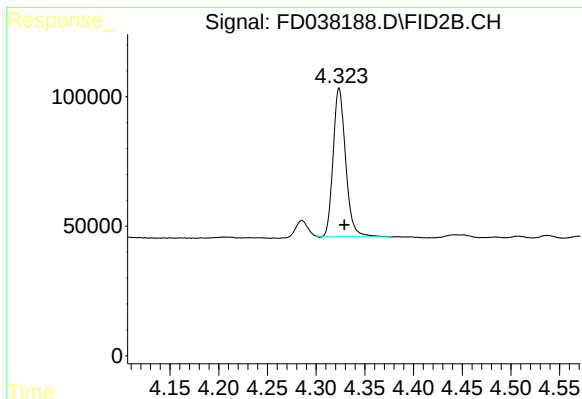
(m)=manual int.

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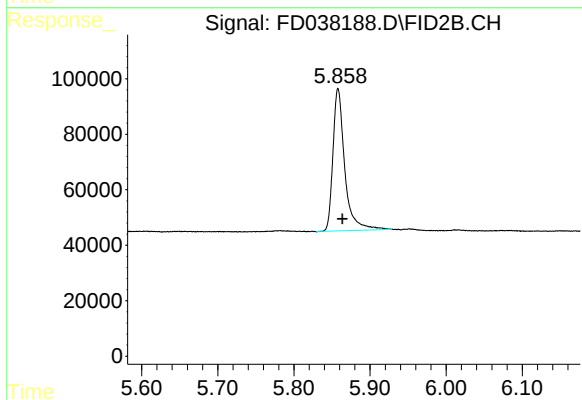
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





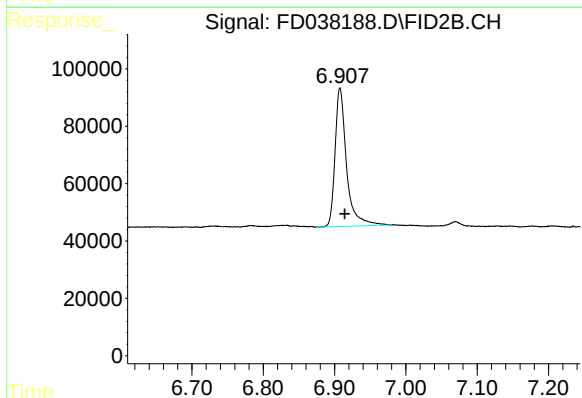
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.324 min
Delta R.T.: -0.005 min
Response: 508107
Conc: 3.59 ug/ml



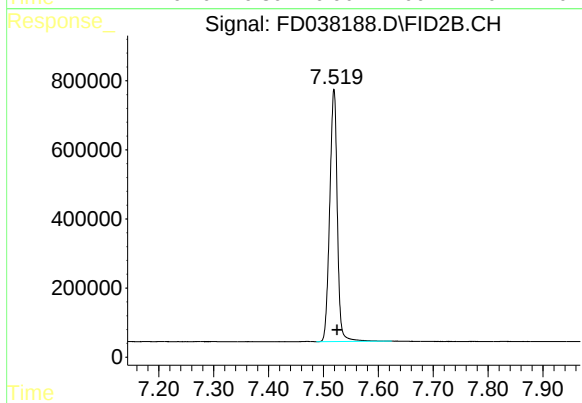
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 551373
Conc: 3.73 ug/ml



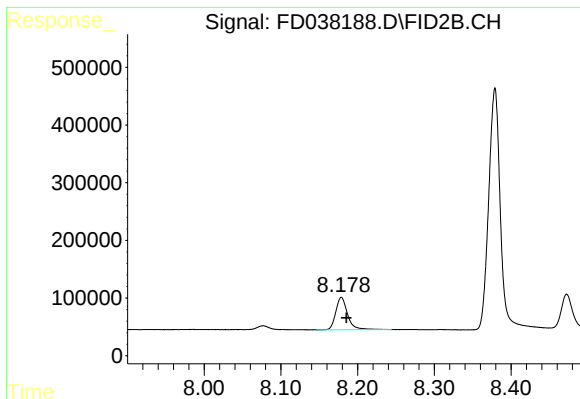
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.006 min
Response: 539204
Conc: 3.67 ug/ml



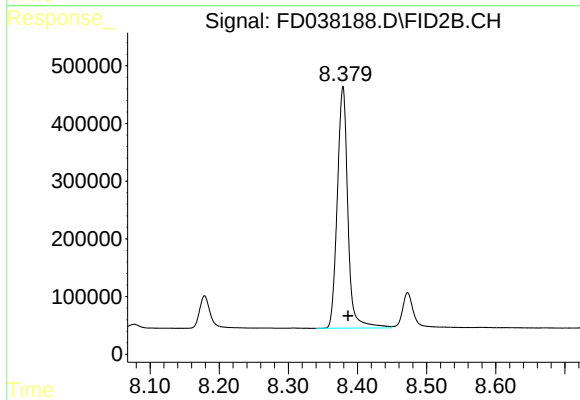
#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: -0.005 min
Response: 7005881
Conc: 53.76 ug/ml



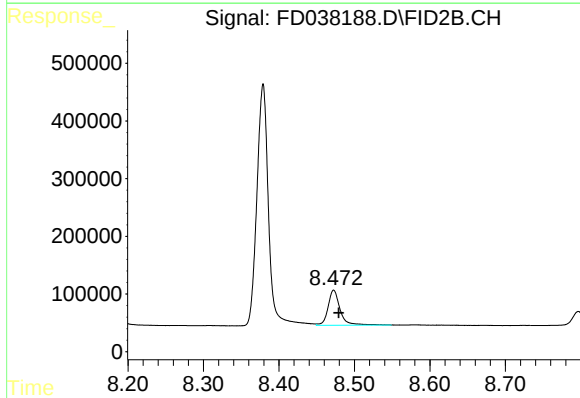
#5 Acenaphthylene (C15.06)

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 597320
Conc: 4.00 ug/ml



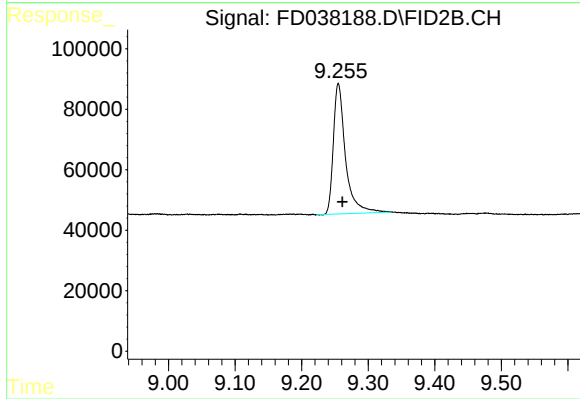
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.007 min
Response: 4452281
Conc: 50.31 ug/ml



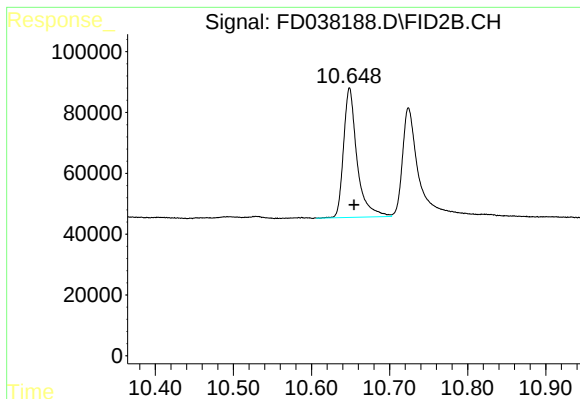
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: -0.007 min
Response: 672103
Conc: 4.34 ug/ml



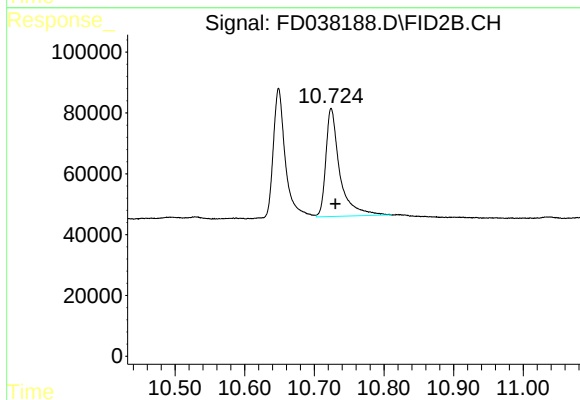
#8 Fluorene (C16.55)

R.T.: 9.255 min
Delta R.T.: -0.006 min
Response: 545273
Conc: 3.72 ug/ml



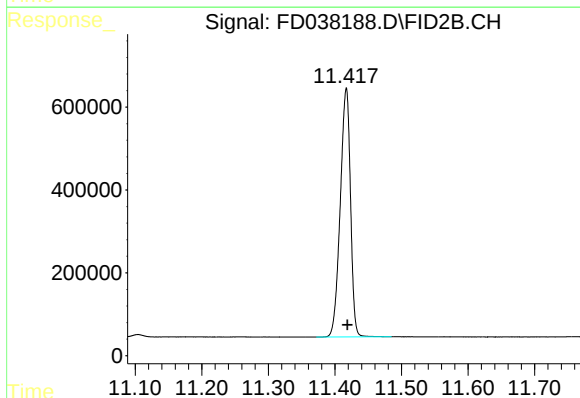
#9 Phenanthrene (C19.36)

R.T.: 10.649 min
Delta R.T.: -0.006 min
Response: 510211
Conc: 3.53 ug/ml



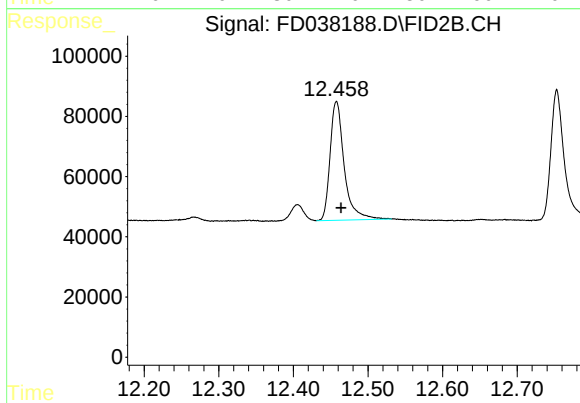
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: -0.006 min
Response: 493890
Conc: 3.49 ug/ml



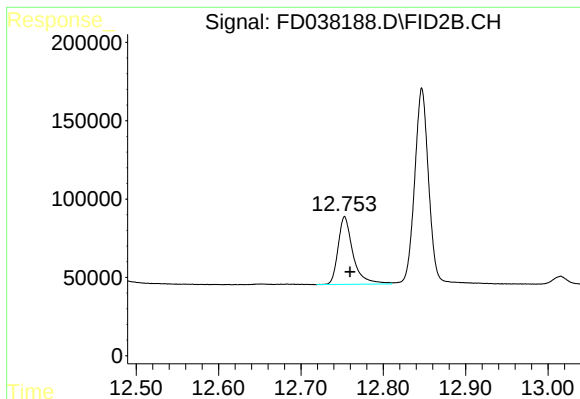
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: -0.001 min
Response: 6401541
Conc: 42.24 ug/ml



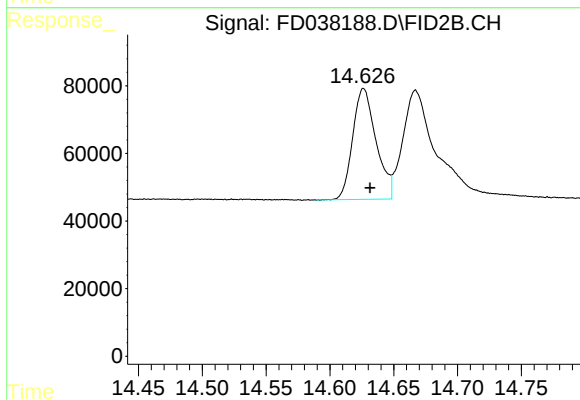
#12 Fluoranthene (C21.85)

R.T.: 12.458 min
Delta R.T.: -0.006 min
Response: 519412
Conc: 3.59 ug/ml



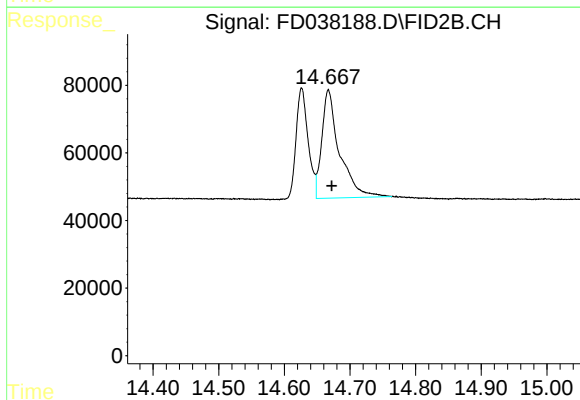
#13 Pyrene (C20.8)

R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 541462
Conc: 3.80 ug/ml



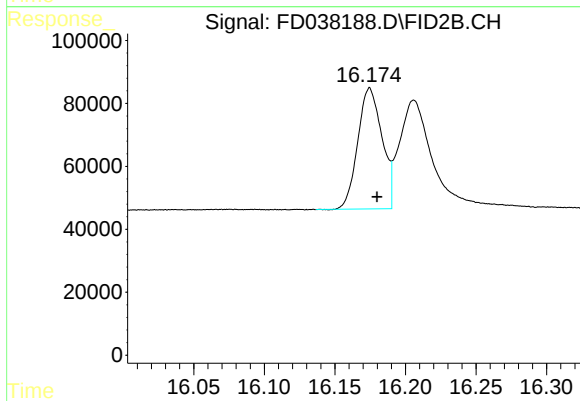
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.626 min
Delta R.T.: -0.005 min
Response: 417935
Conc: 3.27 ug/ml



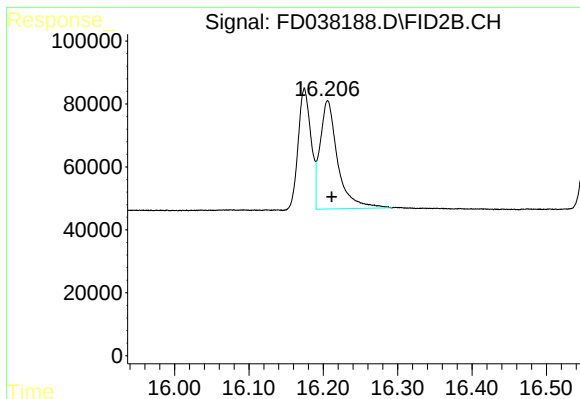
#15 Chrysene (C27.41)

R.T.: 14.667 min
Delta R.T.: -0.005 min
Response: 599371
Conc: 4.23 ug/ml



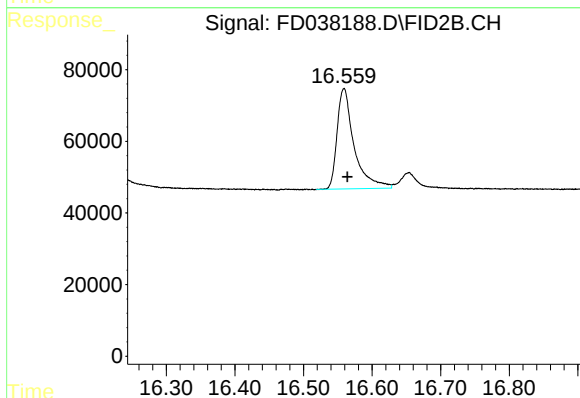
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.175 min
Delta R.T.: -0.005 min
Response: 459857
Conc: 3.69 ug/ml



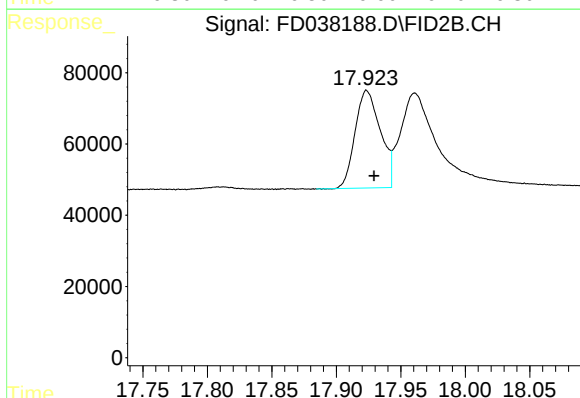
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.206 min
Delta R.T.: -0.005 min
Response: 568462
Conc: 4.33 ug/ml



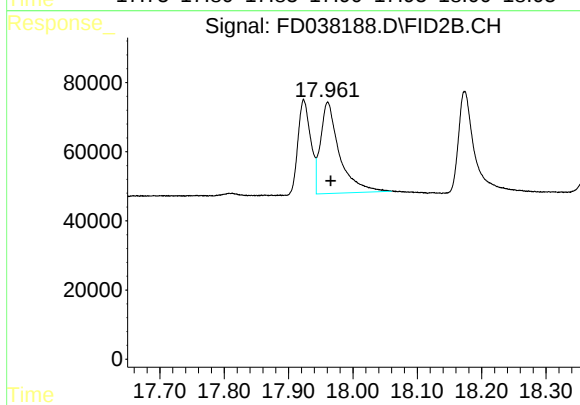
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: -0.005 min
Response: 483837
Conc: 4.12 ug/ml



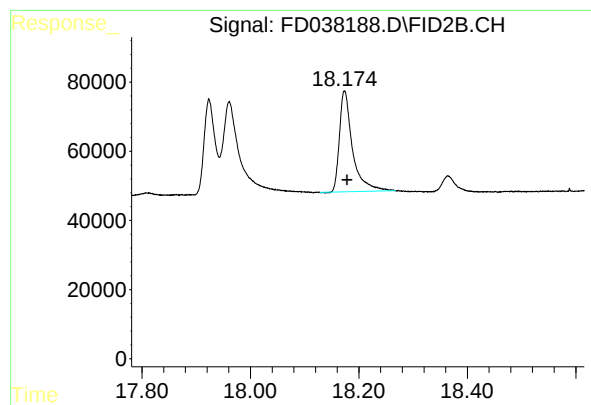
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
Delta R.T.: -0.006 min
Response: 374161
Conc: 3.61 ug/ml



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

R.T.: 17.961 min
Delta R.T.: -0.005 min
Response: 540715
Conc: 4.59 ug/ml



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

R.T.: 18.174 min
Delta R.T.: -0.004 min
Response: 487601
Conc: 4.47 ug/ml