

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AR\
 Data File : FD038187.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 14:39
 Operator : DD\AJ
 Sample : M2940-01
 Misc : LOD 2.5 PPM
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 04:08:17 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	7036873	53.993 ug/ml
Spiked Amount 50.000		Recovery =	107.99%
6) S 2-Fluorobiphenyl (SURR)	8.379	4469935	50.512 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.02%
11) S ortho-Terphenyl (SURR)	11.417	6441891	42.507 ug/ml
Spiked Amount 50.000		Recovery =	85.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.324	268971	1.899 ug/mlm
2) T Naphthalene (C11.7)	5.859	274710	1.858 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	270527	1.843 ug/ml
5) T Acenaphthylene (C15.06)	8.180	308297	2.067 ug/ml
7) T Acenaphthene (C15.5)	8.474	355030	2.293 ug/ml
8) T Fluorene (C16.55)	9.258	268532	1.832 ug/ml
9) T Phenanthrene (C19.36)	10.650	248874	1.722 ug/ml
10) T Anthracene (C19.43)	10.727	230312	1.628 ug/ml
12) T Fluoranthene (C21.85)	12.461	251755	1.738 ug/ml
13) T Pyrene (C20.8)	12.755	260652	1.829 ug/ml
14) T Benzo[a]anthracene (C...	14.631	176317	1.381 ug/ml
15) T Chrysene (C27.41)	14.672	290500	2.052 ug/ml
16) T benzo[b]fluoranthene ...	16.179	204057	1.636 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	275758	2.102 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	206750	1.763 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.933	161615	1.561 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	261916	2.222 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	226820	2.078 ug/ml

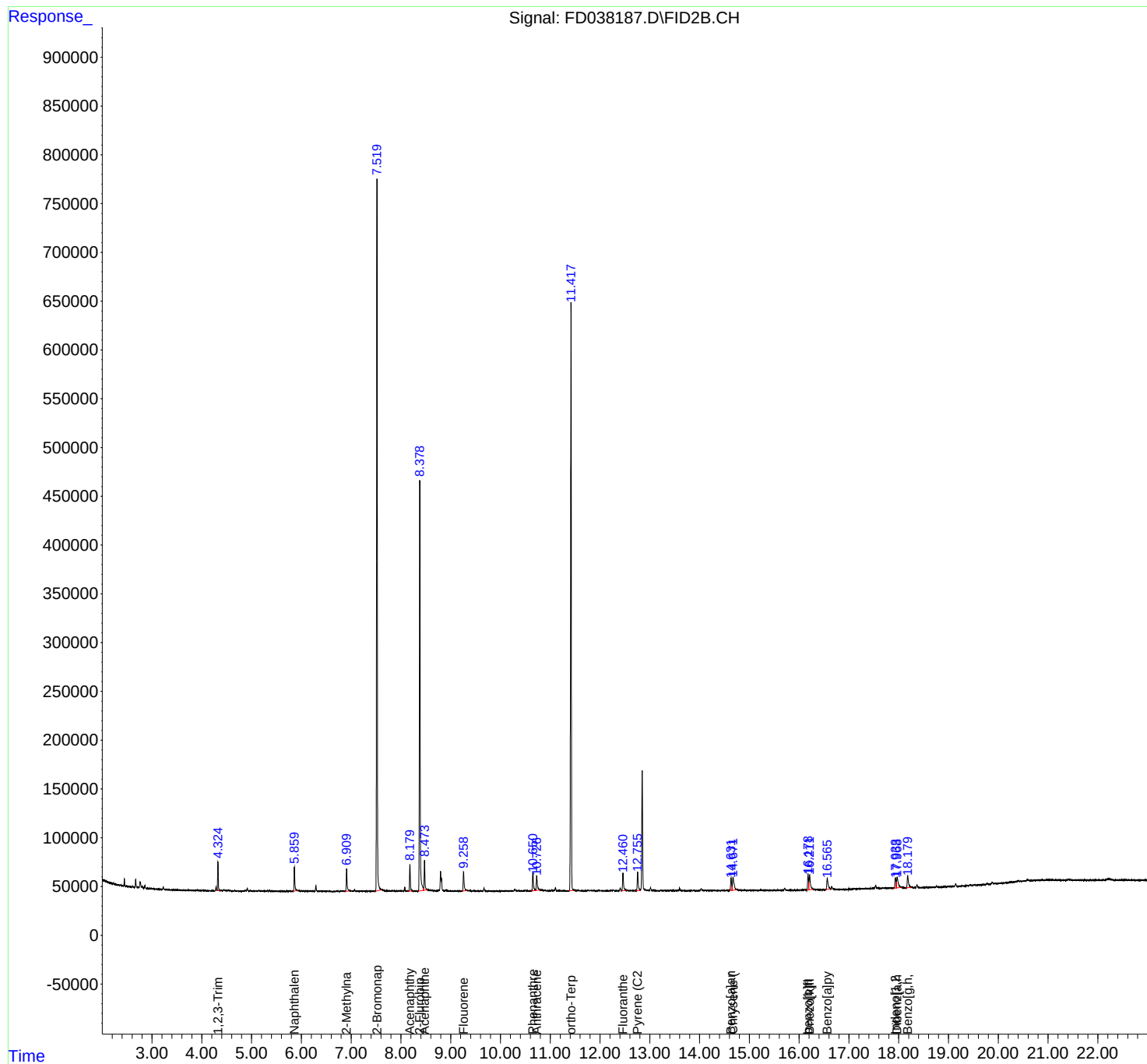
(f)=RT Delta > 1/2 Window

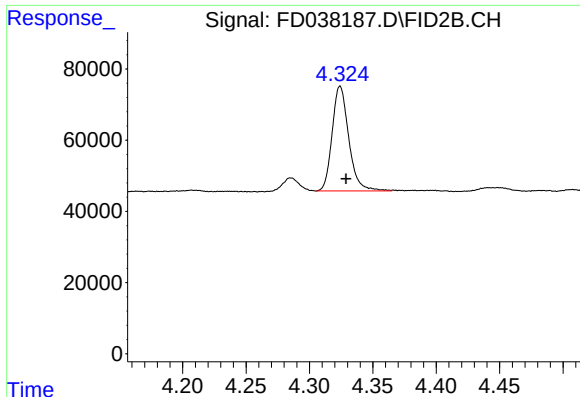
(m)=manual int.

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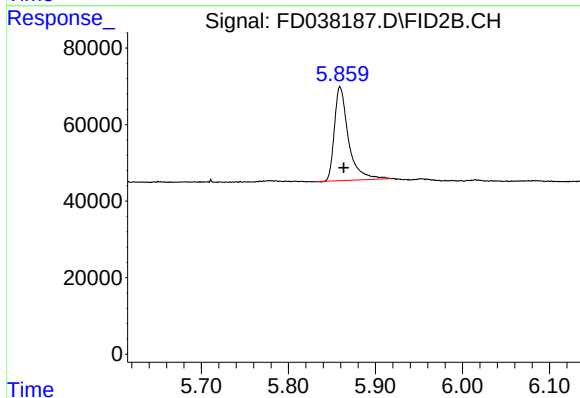
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Signal Info : 20M x 0.18mm x 0.18µm





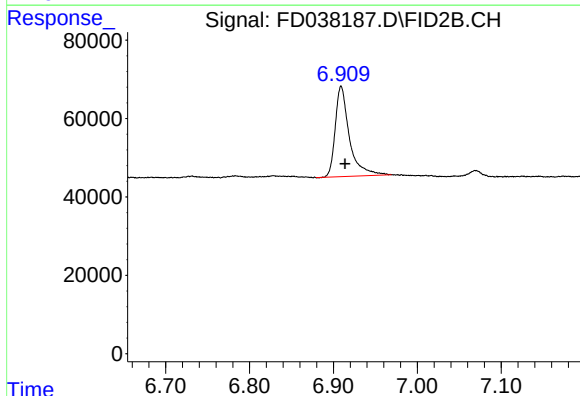
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.324 min
Delta R.T.: -0.005 min
Response: 268971
Conc: 1.90 ug/ml m



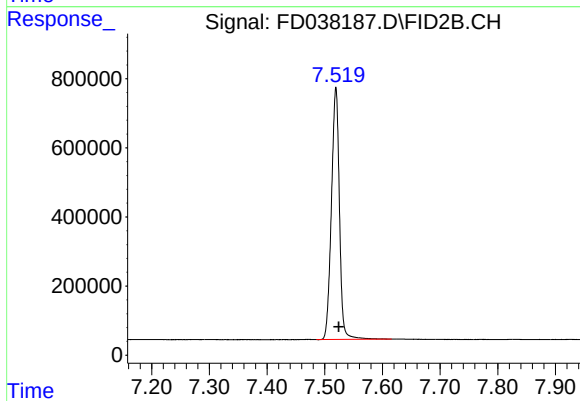
#2 Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.004 min
Response: 274710
Conc: 1.86 ug/ml



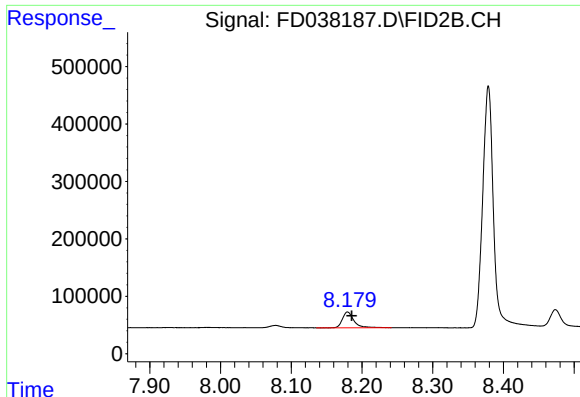
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.005 min
Response: 270527
Conc: 1.84 ug/ml



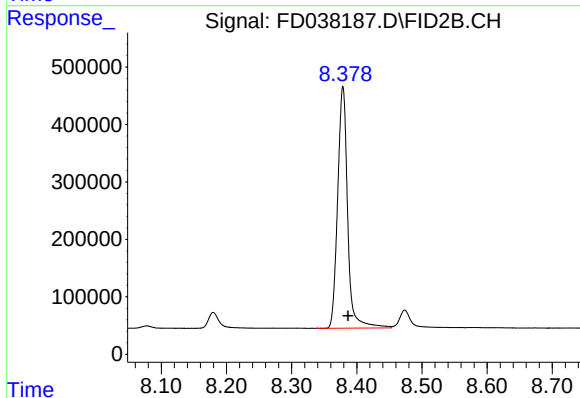
#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: -0.005 min
Response: 7036873
Conc: 53.99 ug/ml



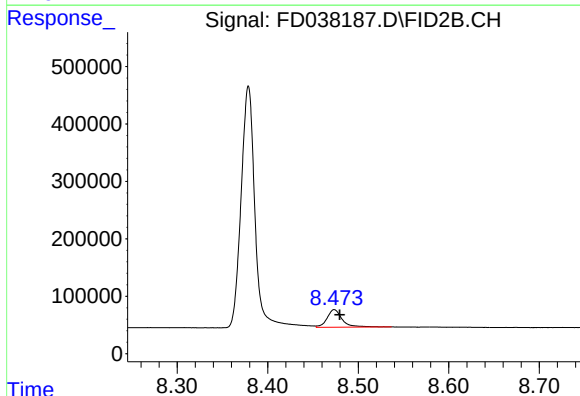
#5 Acenaphthylene (C15.06)

R.T.: 8.180 min
Delta R.T.: -0.006 min
Response: 308297
Conc: 2.07 ug/ml



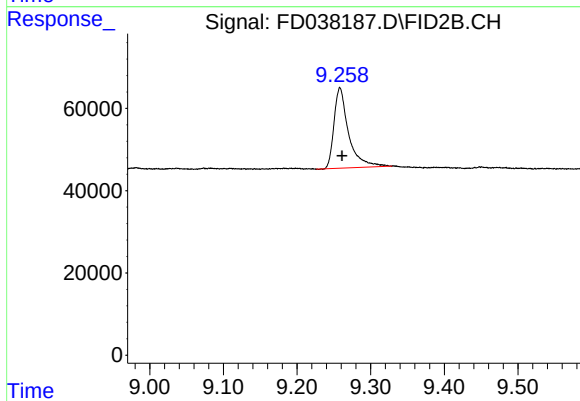
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.008 min
Response: 4469935
Conc: 50.51 ug/ml



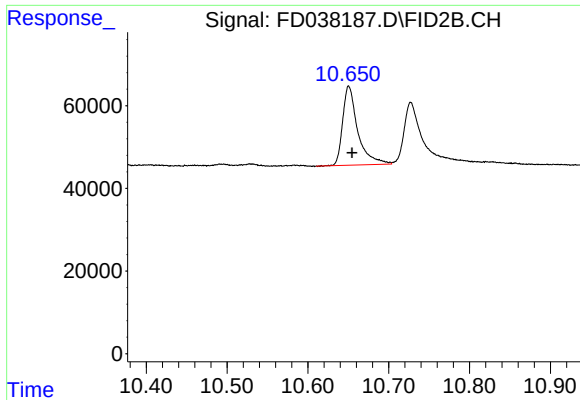
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 355030
Conc: 2.29 ug/ml



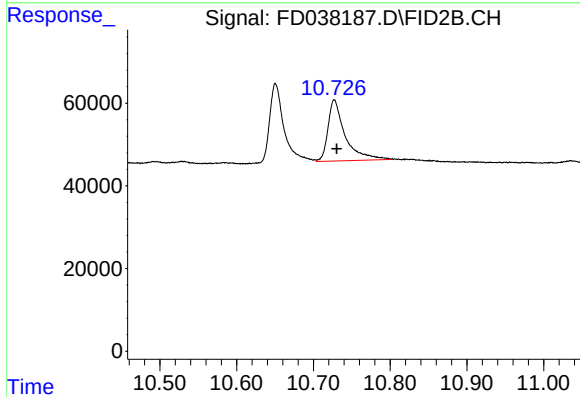
#8 Fluorene (C16.55)

R.T.: 9.258 min
Delta R.T.: -0.003 min
Response: 268532
Conc: 1.83 ug/ml



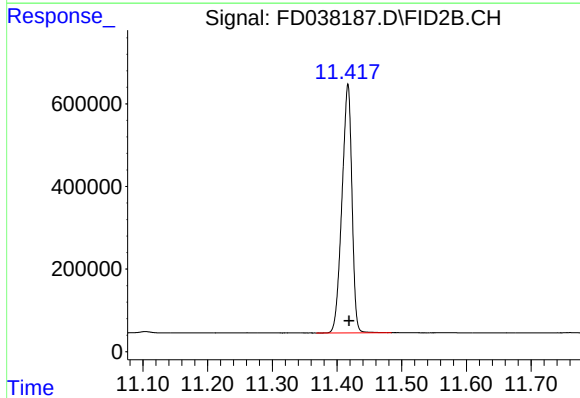
#9 Phenanthrene (C19.36)

R.T.: 10.650 min
Delta R.T.: -0.004 min
Response: 248874
Conc: 1.72 ug/ml



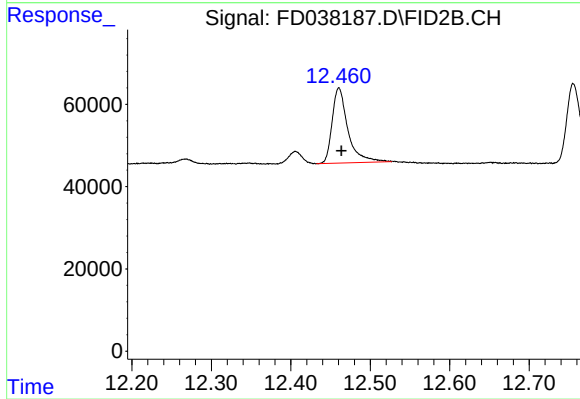
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.003 min
Response: 230312
Conc: 1.63 ug/ml



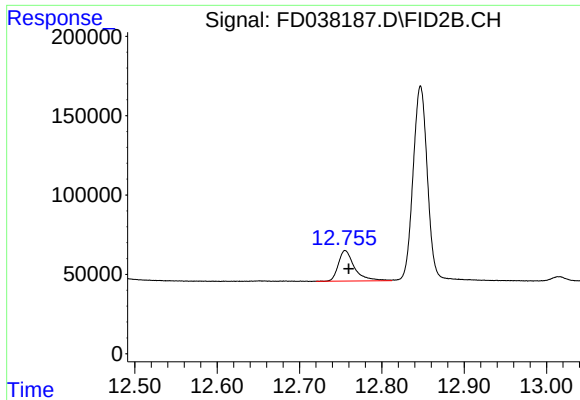
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: -0.002 min
Response: 6441891
Conc: 42.51 ug/ml



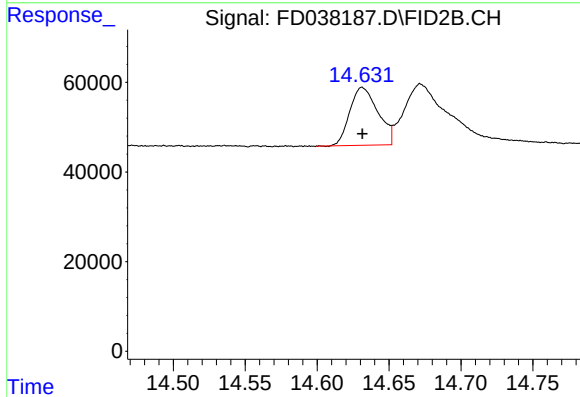
#12 Fluoranthene (C21.85)

R.T.: 12.461 min
Delta R.T.: -0.003 min
Response: 251755
Conc: 1.74 ug/ml



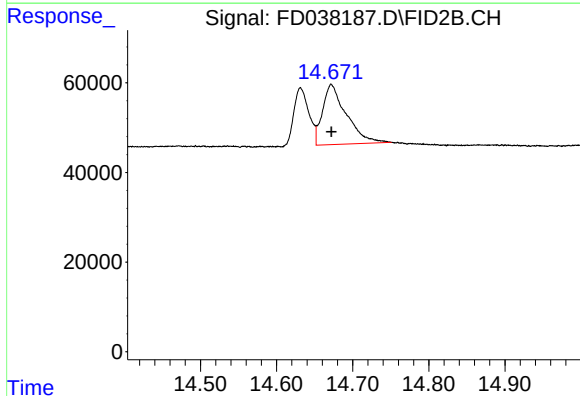
#13 Pyrene (C20.8)

R.T.: 12.755 min
Delta R.T.: -0.004 min
Response: 260652
Conc: 1.83 ug/ml



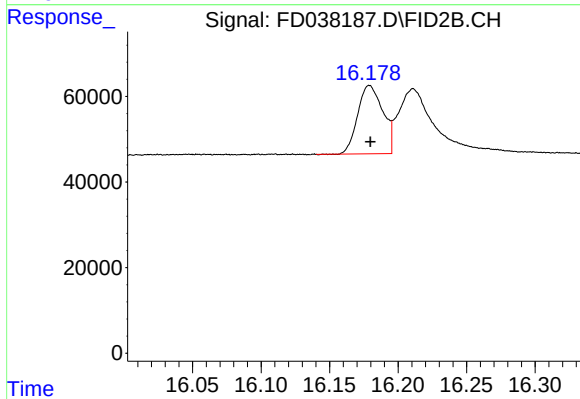
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 176317
Conc: 1.38 ug/ml



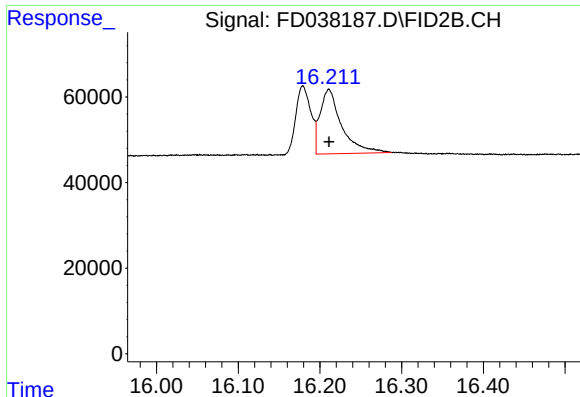
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.000 min
Response: 290500
Conc: 2.05 ug/ml



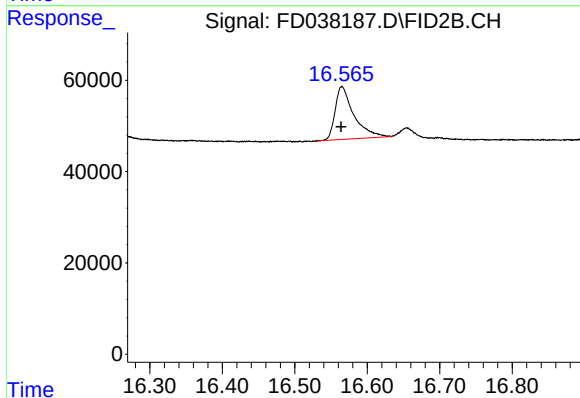
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.179 min
Delta R.T.: 0.000 min
Response: 204057
Conc: 1.64 ug/ml



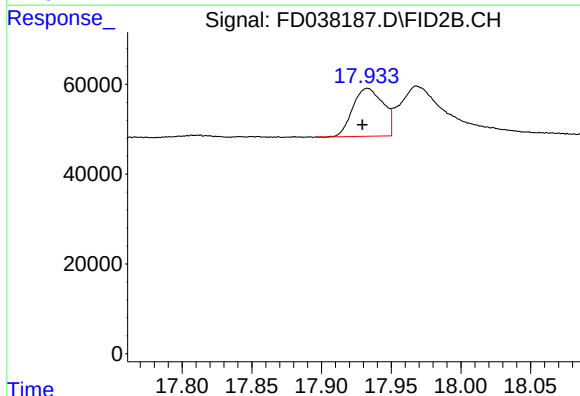
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 275758
Conc: 2.10 ug/ml



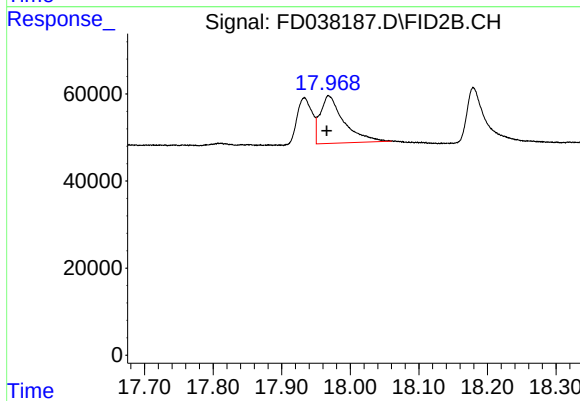
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: 0.001 min
Response: 206750
Conc: 1.76 ug/ml



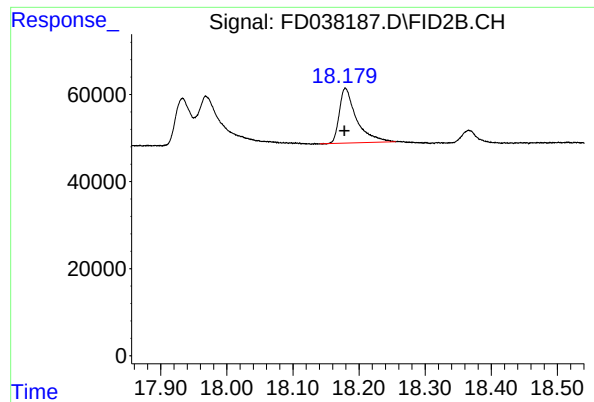
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.933 min
Delta R.T.: 0.004 min
Response: 161615
Conc: 1.56 ug/ml



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

R.T.: 17.968 min
Delta R.T.: 0.003 min
Response: 261916
Conc: 2.22 ug/ml



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

R.T.: 18.179 min
Delta R.T.: 0.001 min
Response: 226820
Conc: 2.08 ug/ml