

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022322AR\
 Data File : FD041238.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2022 16:40
 Operator : UA/NP
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 17:09:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 16:25:12 2022
 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...	7.366	904500	5.771 ug/ml
Spiked Amount 50.000		Recovery =	11.54%
6) S 2-Fluorobiphenyl (SURR)	8.215	541603	5.256 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.51%
11) S ortho-Terphenyl (SURR)	11.246	1018864	6.053 ug/ml
Spiked Amount 50.000		Recovery =	12.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	977980	5.747 ug/ml
2) T Naphthalene (C11.7)	5.709	1000322	5.621 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	982136	5.545 ug/ml
5) T Acenaphthylene (C15.06)	8.016	1019456	5.910 ug/ml
7) T Acenaphthene (C15.5)	8.309	1084969	5.875 ug/ml
8) T Fluorene (C16.55)	9.088	943454	5.654 ug/ml
9) T Phenanthrene (C19.36)	10.474	879838	5.452 ug/ml
10) T Anthracene (C19.43)	10.549	858255	5.467 ug/ml
12) T Fluoranthene (C21.85)	12.275	956323	5.896 ug/ml
13) T Pyrene (C20.8)	12.568	915377	5.637 ug/ml
14) T Benzo[a]anthracene (C...	14.435	750671	5.218 ug/ml
15) T Chrysene (C27.41)	14.476	964406	6.118 ug/ml
16) T benzo[b]fluoranthene ...	15.978	702326	5.184 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	846160	5.952 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	697748	5.389 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	624914	4.981 ug/ml
20) T Dibenz[a,h]anthracene...	17.761	814523	5.991 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	700257	5.521 ug/ml

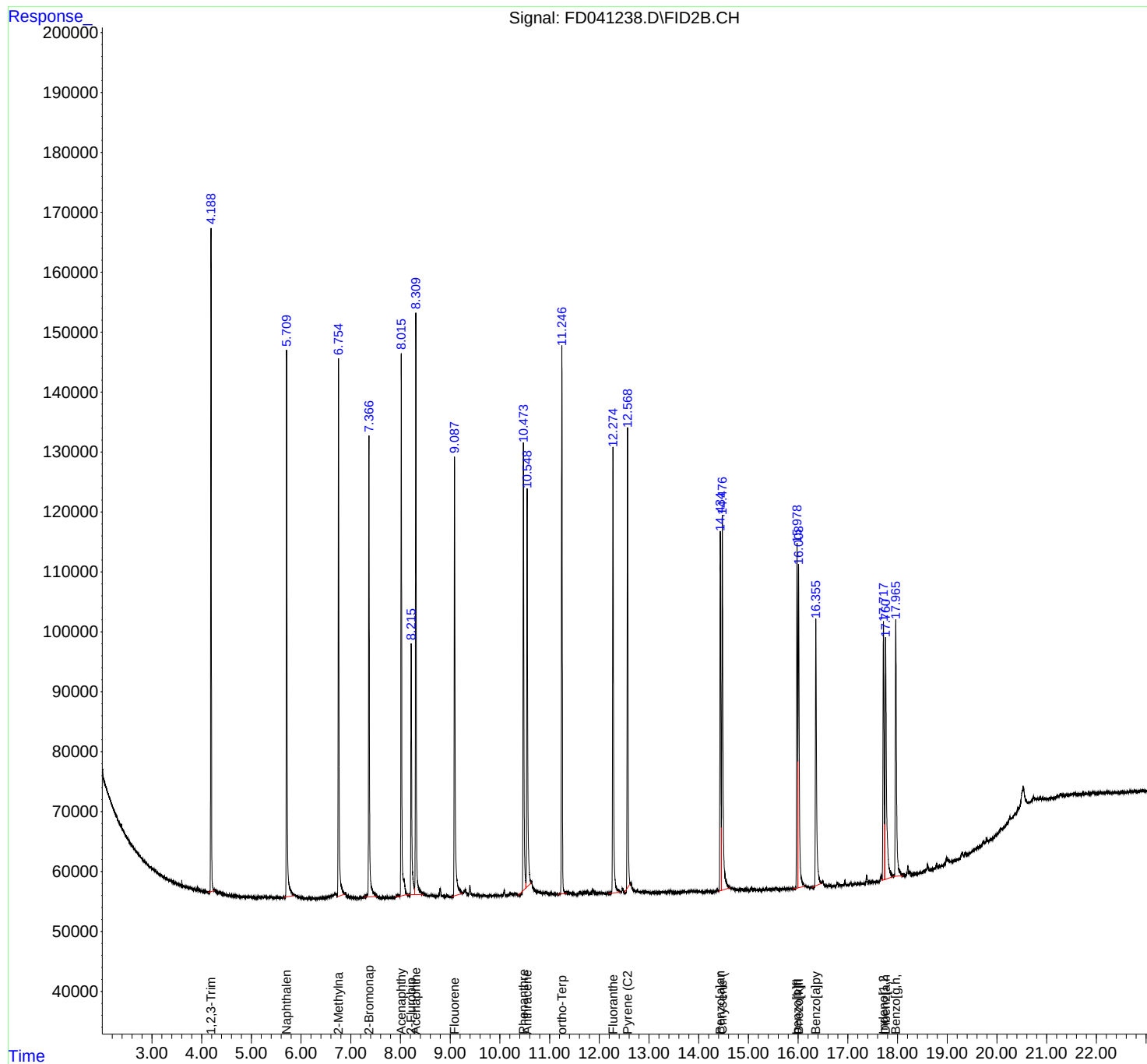
(f)=RT Delta > 1/2 Window

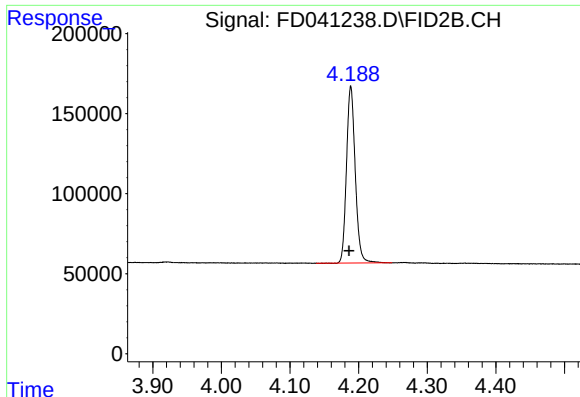
(m)=manual int.

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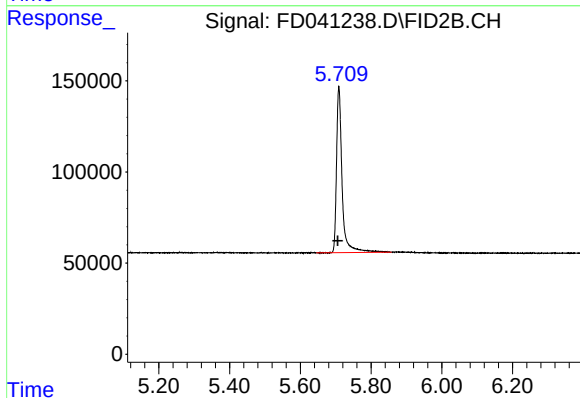
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Signal Info : 20M x 0.18mm x 0.18µm





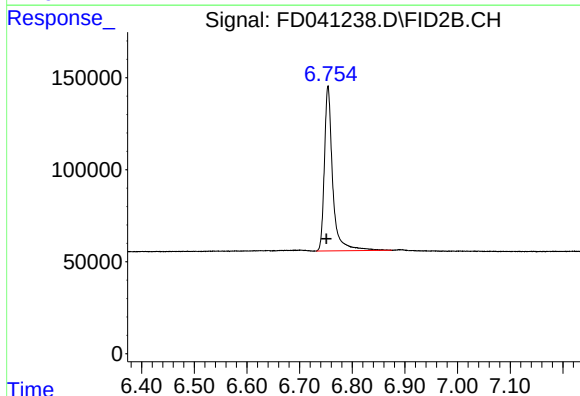
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.189 min
Delta R.T.: 0.003 min
Response: 977980
Conc: 5.75 ug/ml



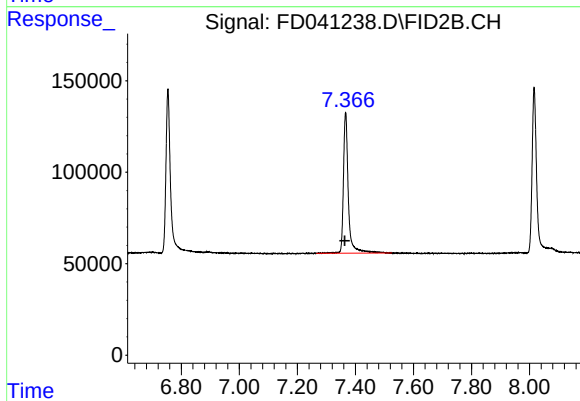
#2 Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: 0.003 min
Response: 1000322
Conc: 5.62 ug/ml



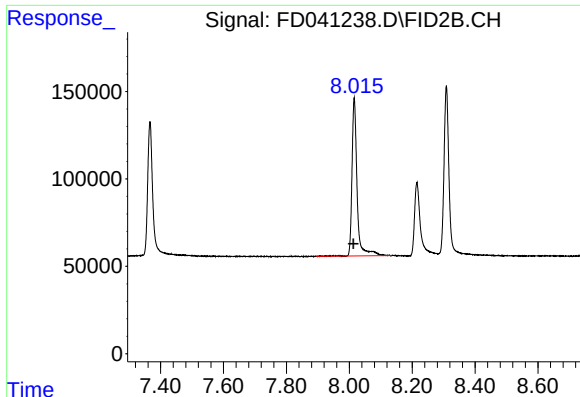
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.003 min
Response: 982136
Conc: 5.54 ug/ml



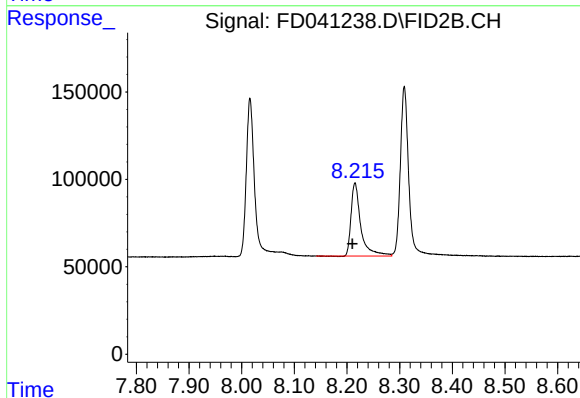
#4 2-Bromonaphthalene (SURR)

R.T.: 7.366 min
Delta R.T.: 0.003 min
Response: 904500
Conc: 5.77 ug/ml



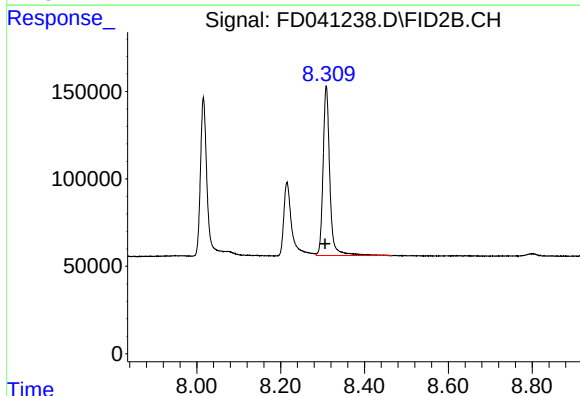
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: 0.003 min
Response: 1019456
Conc: 5.91 ug/ml



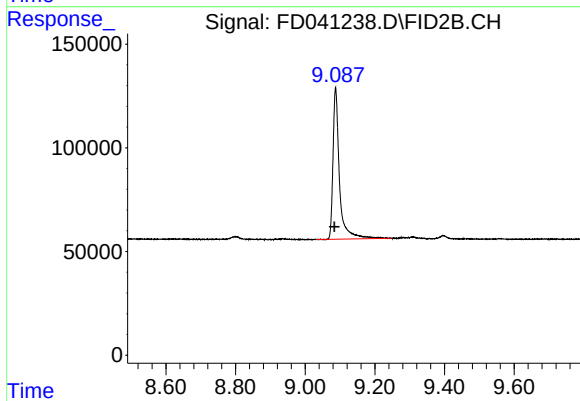
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: 0.005 min
Response: 541603
Conc: 5.26 ug/ml



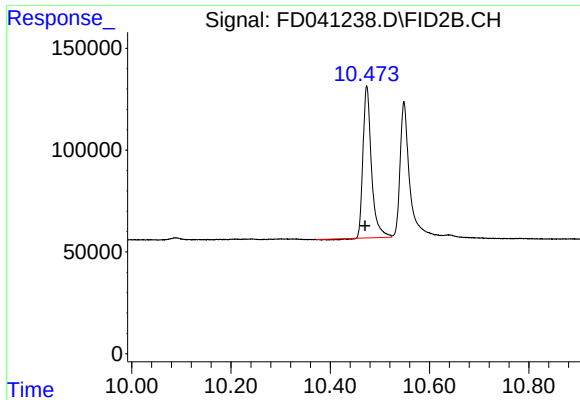
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 1084969
Conc: 5.87 ug/ml



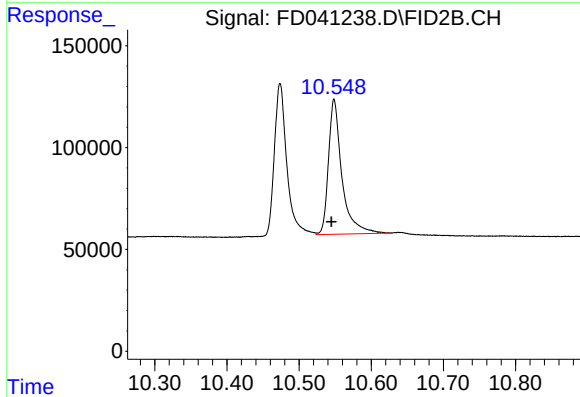
#8 Flouorene (C16.55)

R.T.: 9.088 min
Delta R.T.: 0.004 min
Response: 943454
Conc: 5.65 ug/ml



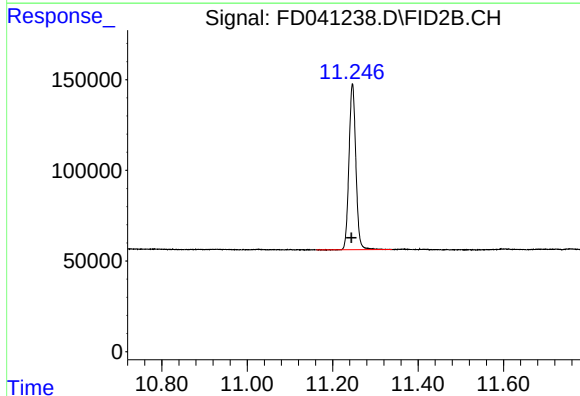
#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: 0.003 min
Response: 879838
Conc: 5.45 ug/ml



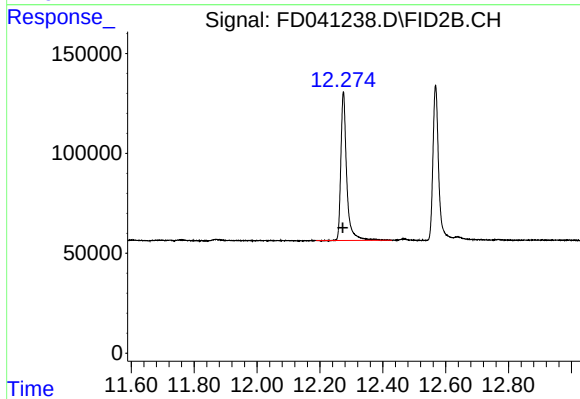
#10 Anthracene (C19.43)

R.T.: 10.549 min
Delta R.T.: 0.004 min
Response: 858255
Conc: 5.47 ug/ml



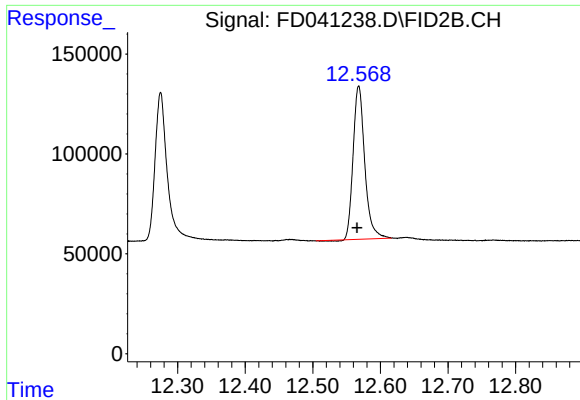
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: 0.002 min
Response: 1018864
Conc: 6.05 ug/ml



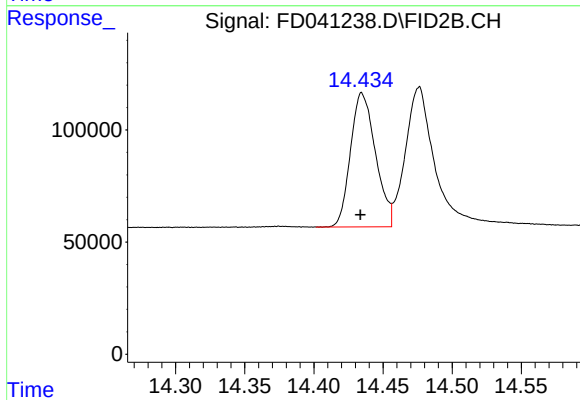
#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: 0.002 min
Response: 956323
Conc: 5.90 ug/ml



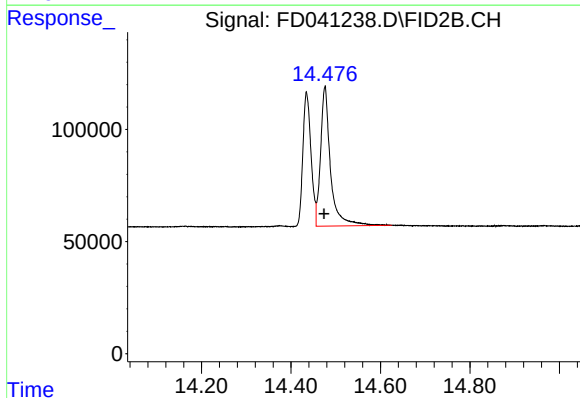
#13 Pyrene (C20.8)

R.T.: 12.568 min
Delta R.T.: 0.003 min
Response: 915377
Conc: 5.64 ug/ml



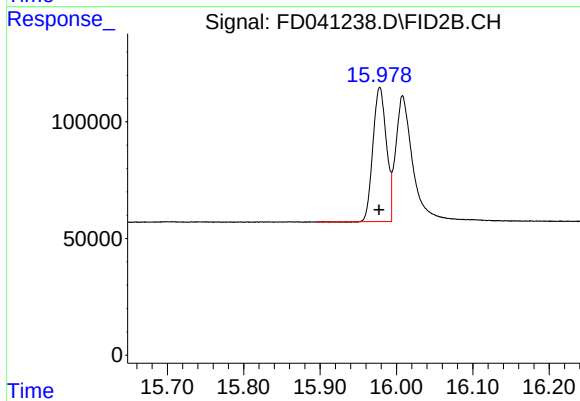
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.002 min
Response: 750671
Conc: 5.22 ug/ml



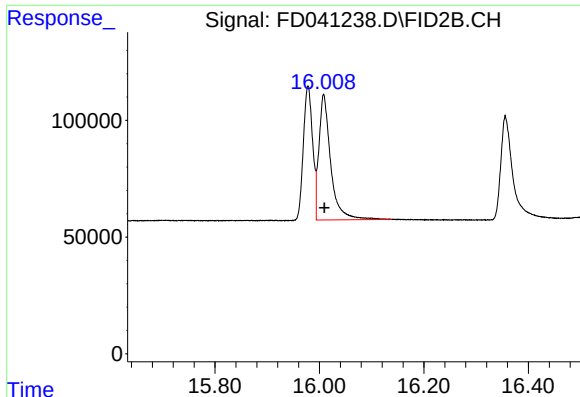
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.002 min
Response: 964406
Conc: 6.12 ug/ml



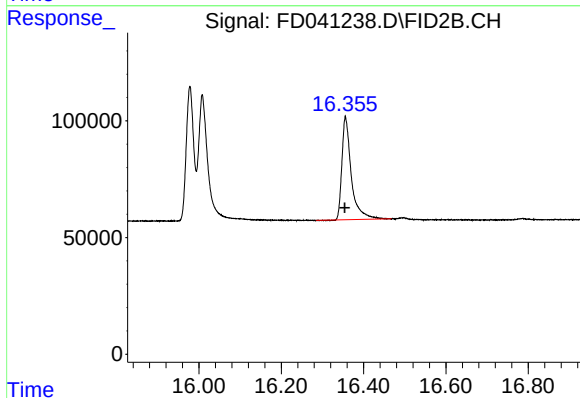
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.978 min
Delta R.T.: 0.000 min
Response: 702326
Conc: 5.18 ug/ml



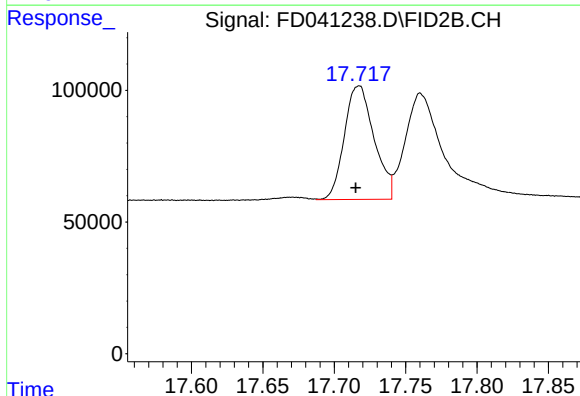
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 846160
Conc: 5.95 ug/ml



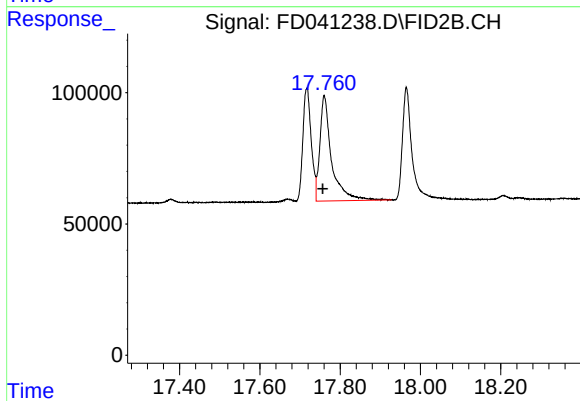
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: 0.002 min
Response: 697748
Conc: 5.39 ug/ml



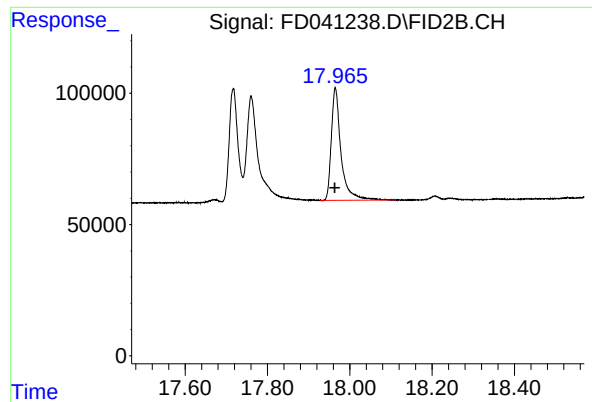
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: 0.002 min
Response: 624914
Conc: 4.98 ug/ml



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

R.T.: 17.761 min
Delta R.T.: 0.004 min
Response: 814523
Conc: 5.99 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.002 min
Response: 700257
Conc: 5.52 ug/ml