

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022322AR\
 Data File : FD041241.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2022 20:55
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 22:49:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.365	3348339	20.723 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
6) S 2-Fluorobiphenyl (SURR)	8.212	2207877	21.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.42%
11) S ortho-Terphenyl (SURR)	11.248	3676246	20.959 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	3646951	20.809 ug/ml
2) T Naphthalene (C11.7)	5.707	3789170	20.776 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	3770679	20.833 ug/ml
5) T Acenaphthylene (C15.06)	8.016	3719509	20.806 ug/ml
7) T Acenaphthene (C15.5)	8.310	4014429	21.002 ug/ml
8) T Fluorene (C16.55)	9.087	3619741	21.138 ug/ml
9) T Phenanthrene (C19.36)	10.473	3558171	21.658 ug/ml
10) T Anthracene (C19.43)	10.548	3550054	22.199 ug/ml
12) T Fluoranthene (C21.85)	12.275	3530395	21.012 ug/ml
13) T Pyrene (C20.8)	12.568	3512151	20.949 ug/ml
14) T Benzo[a]anthracene (C...	14.436	3055667	21.056 ug/ml
15) T Chrysene (C27.41)	14.477	3386648	20.566 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2810674	20.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	2984858	20.227 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2648281	20.140 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.716	2486964	19.839 ug/ml
20) T Dibenz[a,h]anthracene...	17.758	2813774	19.906 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	2585830	19.972 ug/ml

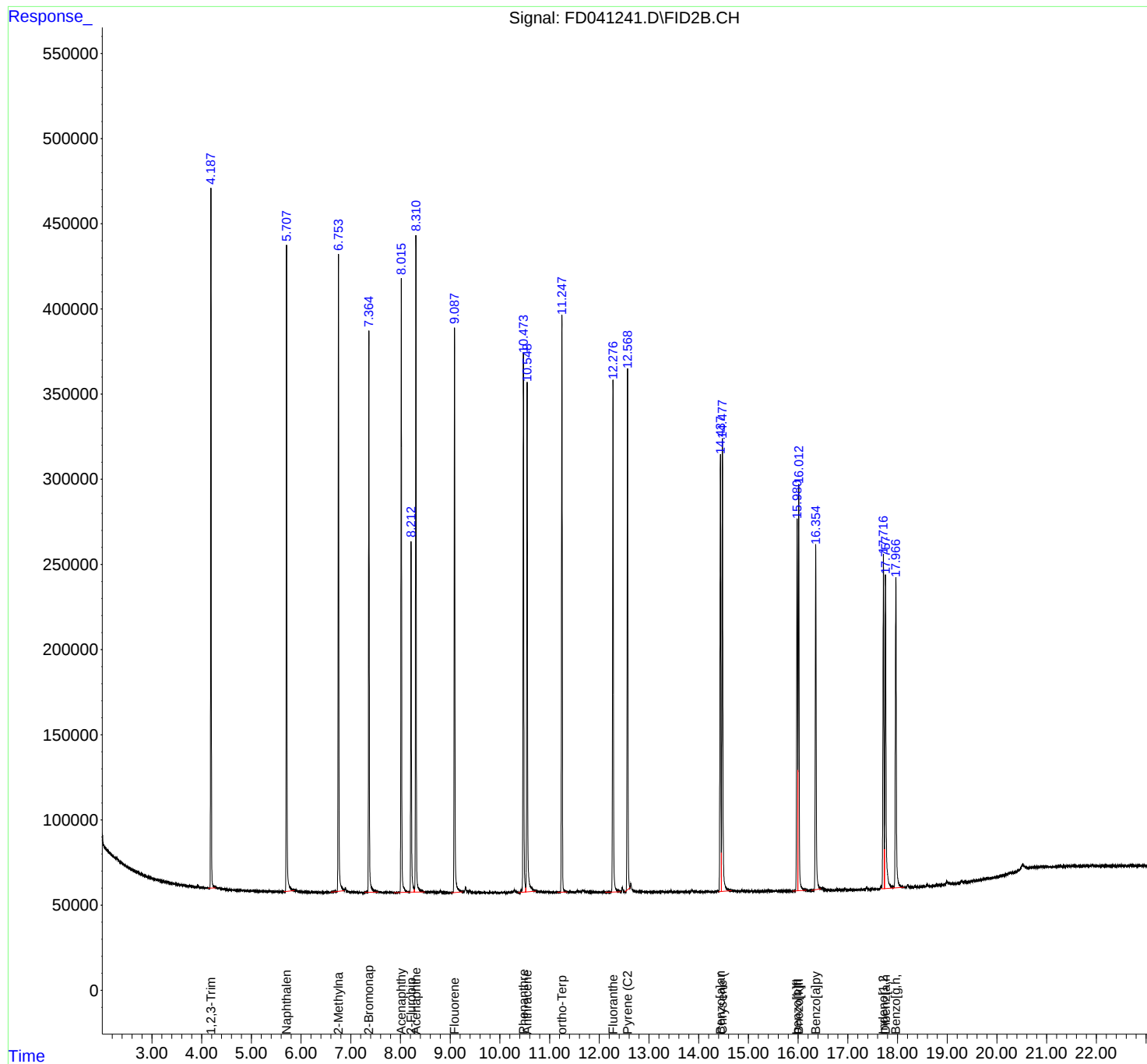
(f)=RT Delta > 1/2 Window

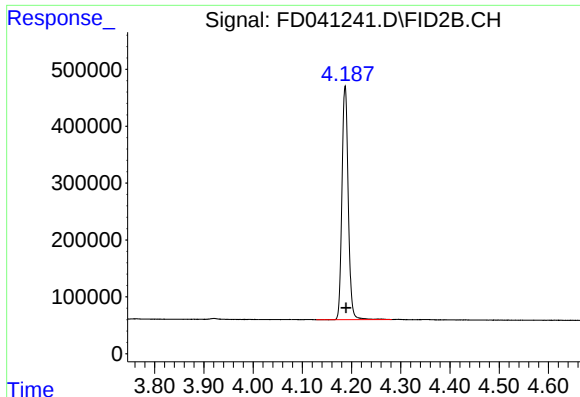
(m)=manual int.

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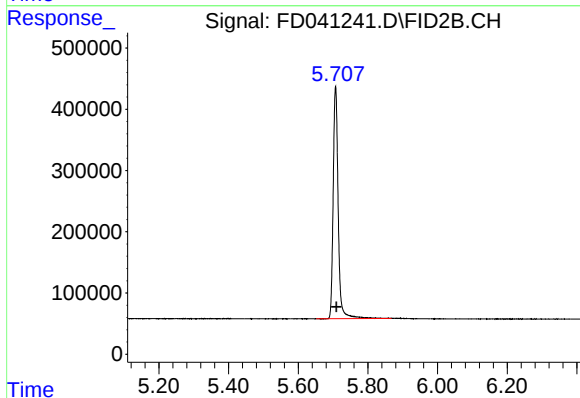
Volume Inj. : 1 µl
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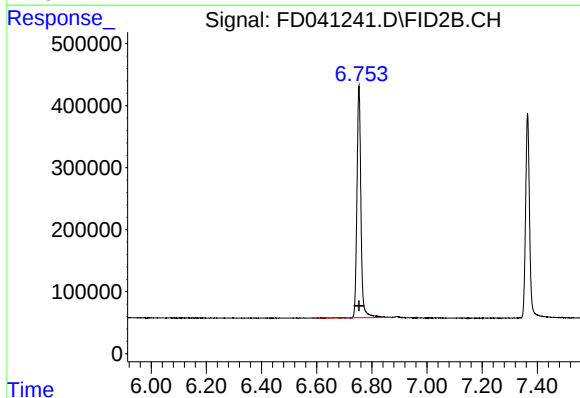
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 3646951
Conc: 20.81 ug/ml



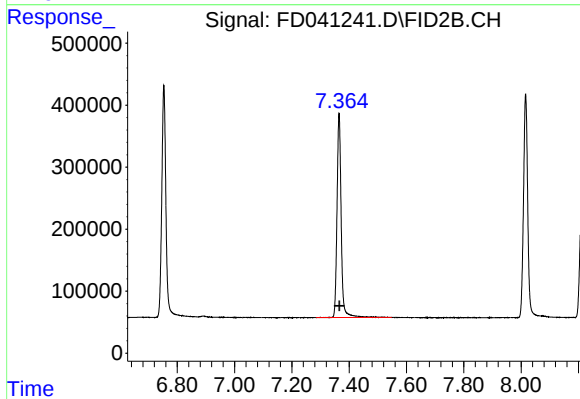
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 3789170
Conc: 20.78 ug/ml



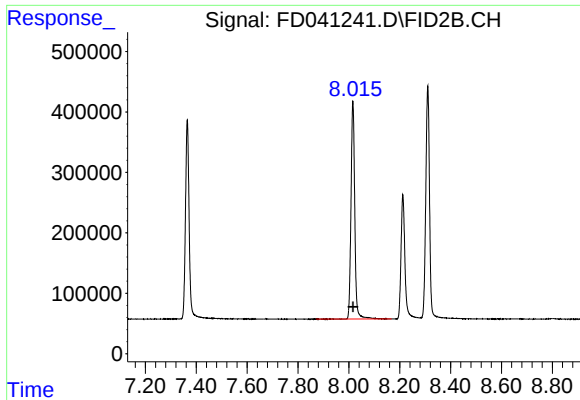
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 3770679
Conc: 20.83 ug/ml



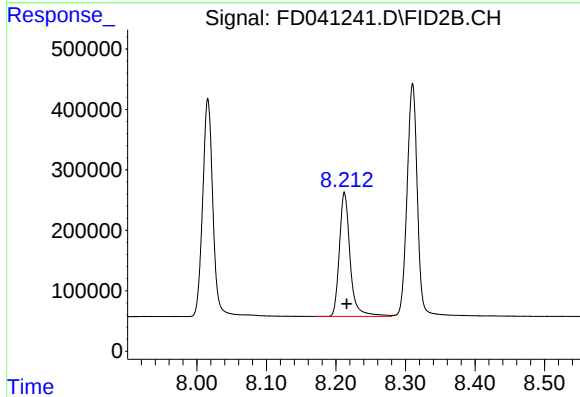
#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 3348339
Conc: 20.72 ug/ml



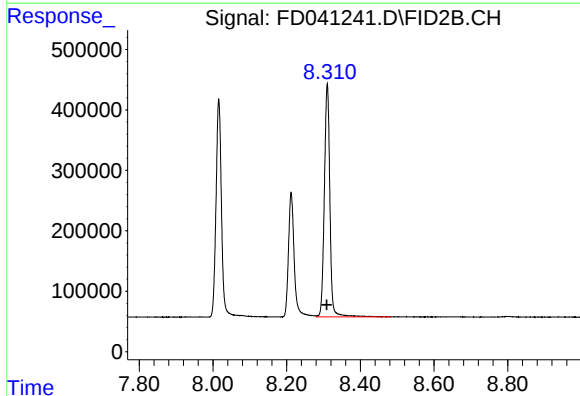
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 3719509
Conc: 20.81 ug/ml



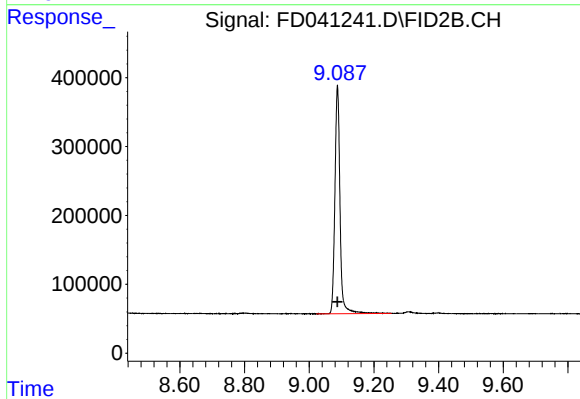
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.003 min
Response: 2207877
Conc: 21.21 ug/ml



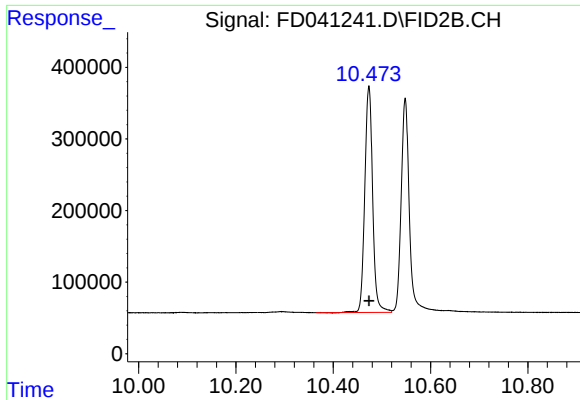
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: 0.001 min
Response: 4014429
Conc: 21.00 ug/ml



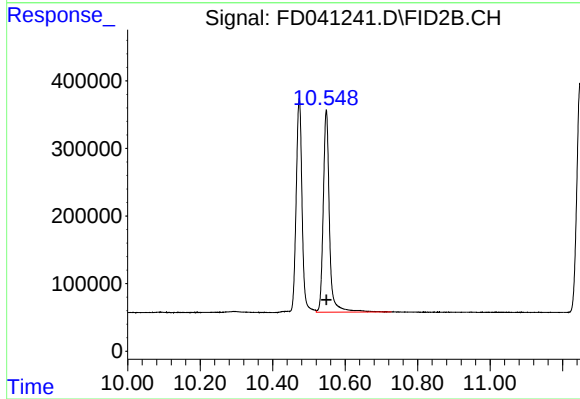
#8 Fluorene (C16.55)

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 3619741
Conc: 21.14 ug/ml



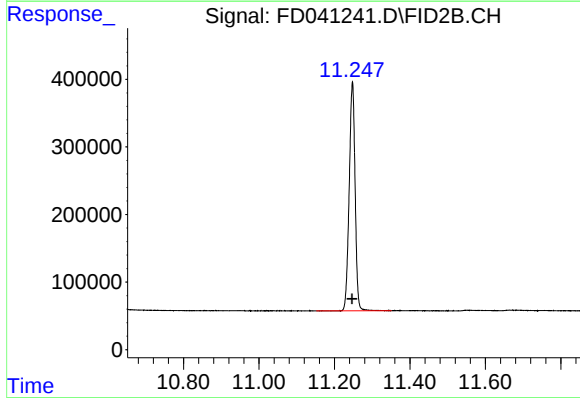
#9 Phenanthrene (C19.36)

R.T.: 10.473 min
Delta R.T.: 0.000 min
Response: 3558171
Conc: 21.66 ug/ml



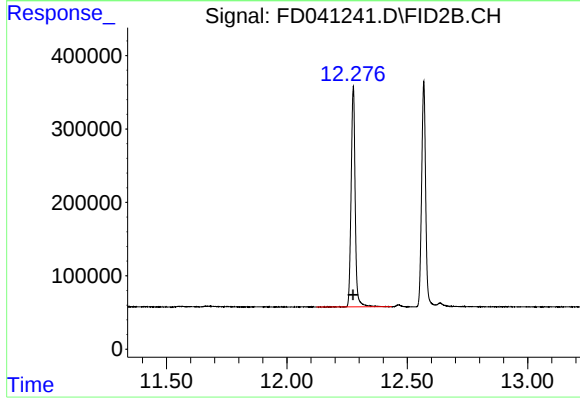
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.000 min
Response: 3550054
Conc: 22.20 ug/ml



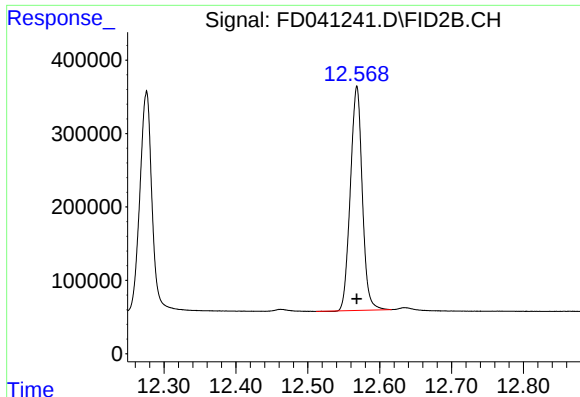
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.001 min
Response: 3676246
Conc: 20.96 ug/ml



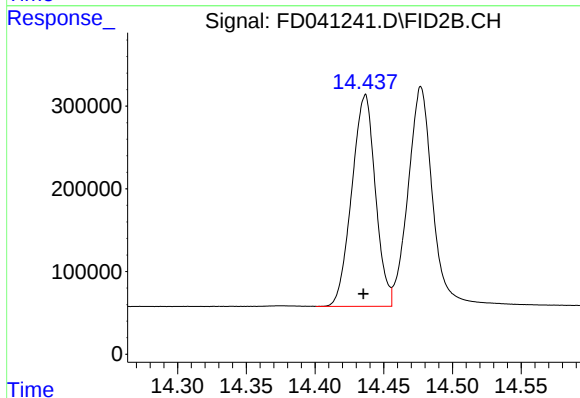
#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: 0.000 min
Response: 3530395
Conc: 21.01 ug/ml



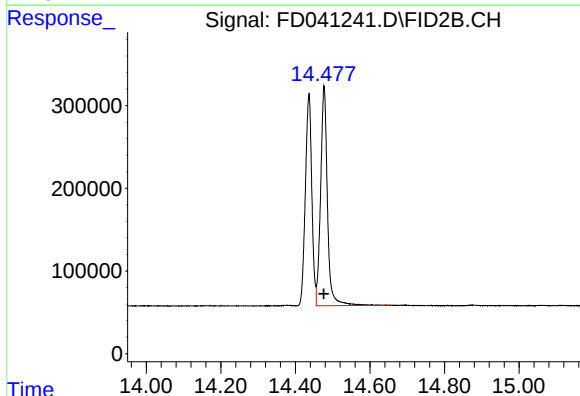
#13 Pyrene (C20.8)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 3512151
Conc: 20.95 ug/ml



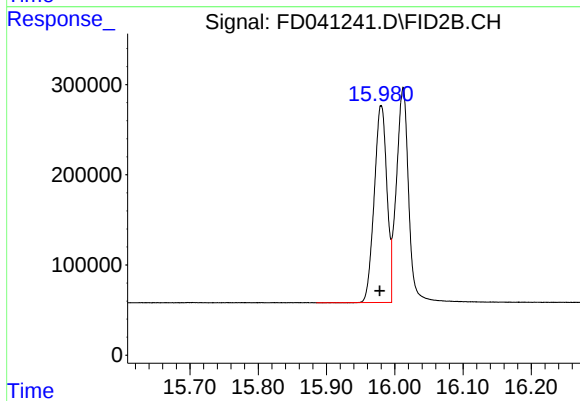
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: 0.001 min
Response: 3055667
Conc: 21.06 ug/ml



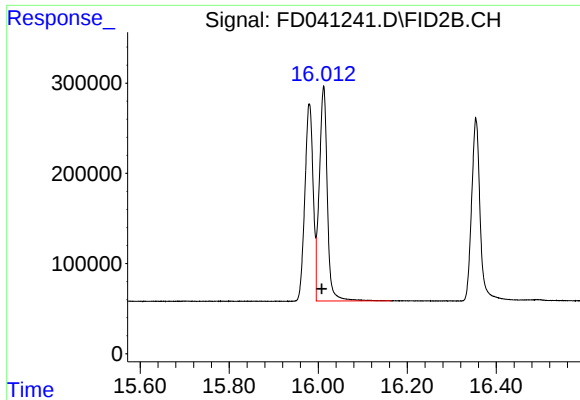
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: 0.001 min
Response: 3386648
Conc: 20.57 ug/ml



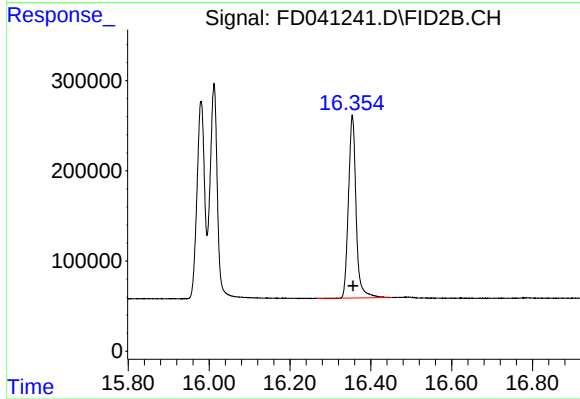
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.980 min
Delta R.T.: 0.002 min
Response: 2810674
Conc: 20.59 ug/ml



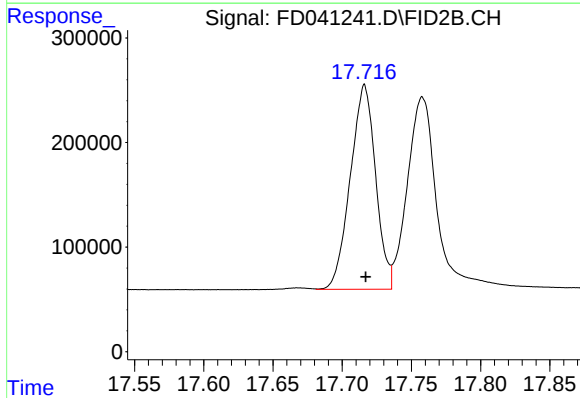
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.012 min
Delta R.T.: 0.003 min
Response: 2984858
Conc: 20.23 ug/ml



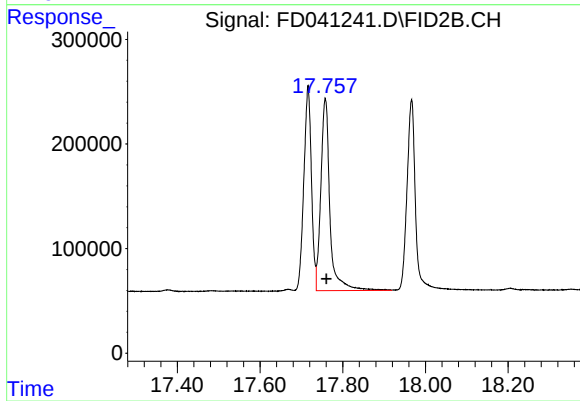
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.002 min
Response: 2648281
Conc: 20.14 ug/ml



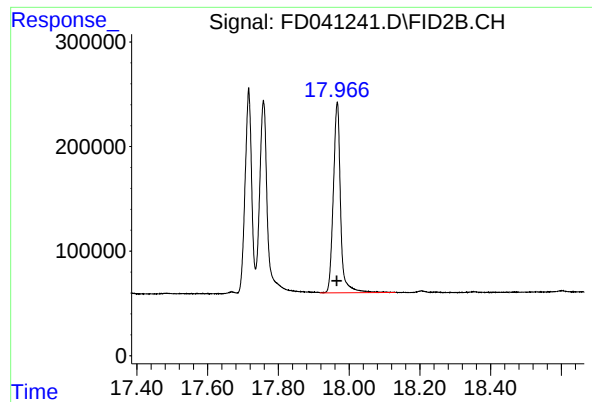
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.716 min
Delta R.T.: -0.001 min
Response: 2486964
Conc: 19.84 ug/ml



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

R.T.: 17.758 min
Delta R.T.: -0.003 min
Response: 2813774
Conc: 19.91 ug/ml



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

R.T.: 17.966 min
Delta R.T.: 0.000 min
Response: 2585830
Conc: 19.97 ug/ml