

Data Path : P:\HPCHEM1\FID D\Data\FD022218AR\
 Data File : FD020133.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2018 00:55
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 01:25:37 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.345	1934355	23.089 ug/ml
Spiked Amount 50.000		Recovery =	46.18%
6) S 2-Fluorobiphenyl (SURR)	8.206	1215437	24.041 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.08%
11) S ortho-Terphenyl (SURR)	11.226	2233023	23.530 ug/ml
Spiked Amount 50.000		Recovery =	47.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.153	1993268	22.572 ug/ml
2) T Naphthalene (C11.7)	5.685	2081459	23.269 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	2058556	22.666 ug/ml
5) T Acenaphthylene (C15.06)	8.001	2204159	23.015 ug/ml
7) T Acenaphthene (C15.5)	8.293	2371311	23.148 ug/ml
8) T Fluorene (C16.55)	9.075	2194475	23.404 ug/ml
9) T Phenanthrene (C19.36)	10.466	2249574	24.144 ug/ml
10) T Anthracene (C19.43)	10.544	2238563	23.607 ug/ml
12) T Fluoranthene (C21.85)	12.274	2423615	24.162 ug/ml
13) T Pyrene (C20.8)	12.568	2410896	23.730 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.445	2312830	23.984 ug/ml
15) T Chrysene (C27.41)	14.487	2518021	23.330 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.999	2415248	24.025 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.030	2631833	23.193 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.380	2368420	22.537 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.784	2720782	28.557 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.784	2720782	23.943 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.004	2434819	23.443 ug/ml

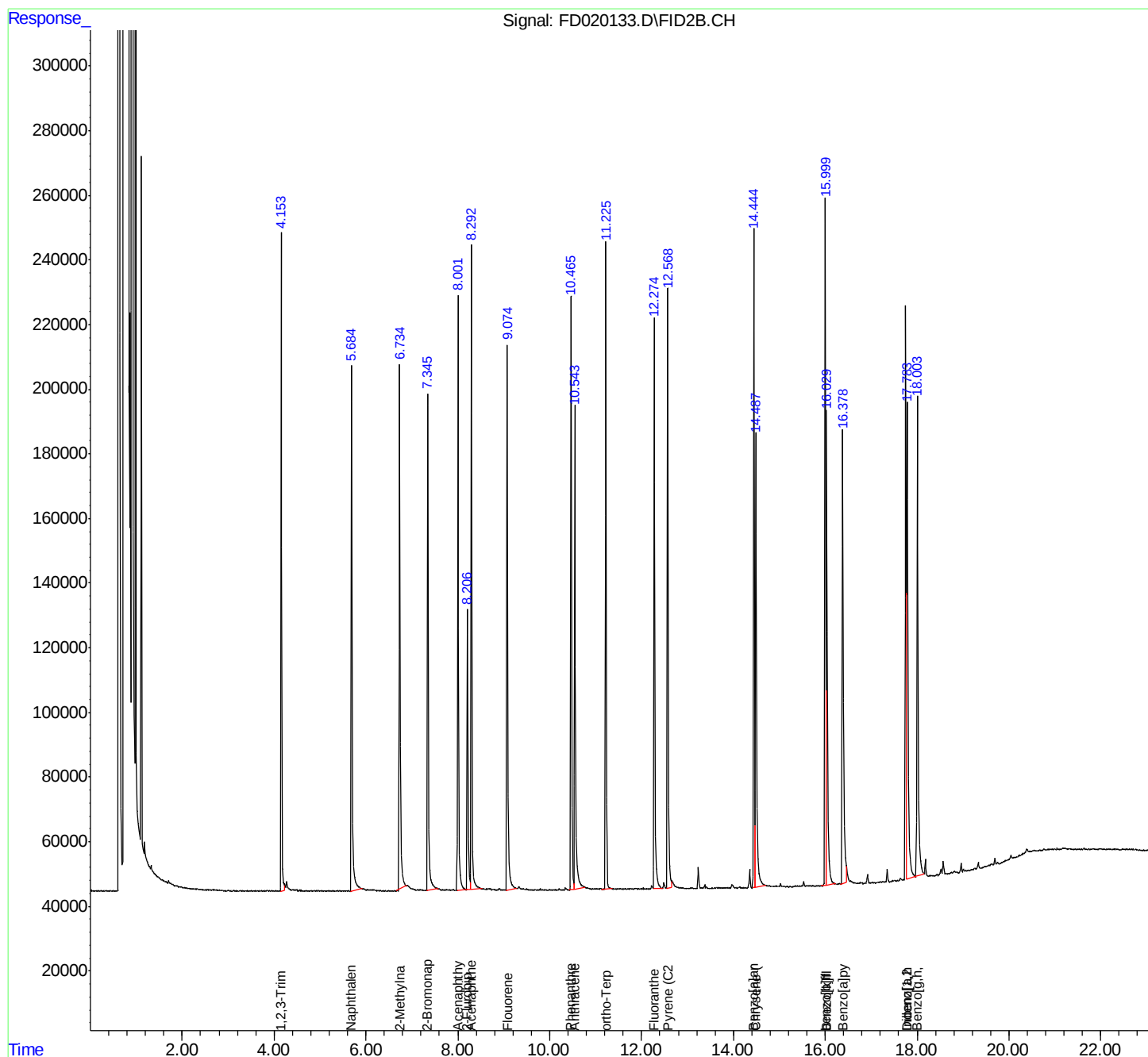
(f)=RT Delta > 1/2 Window

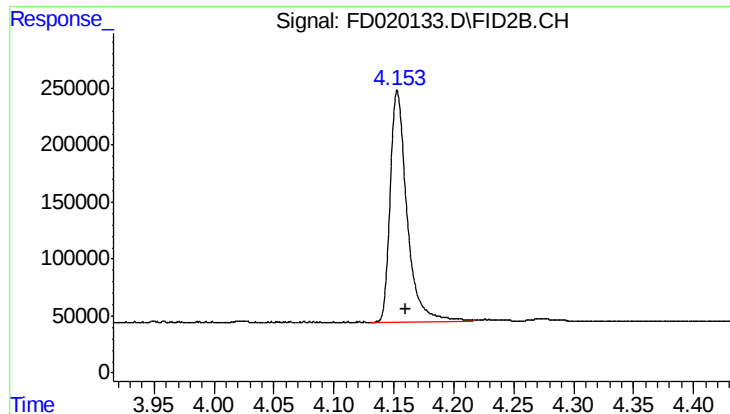
(m)=manual int.

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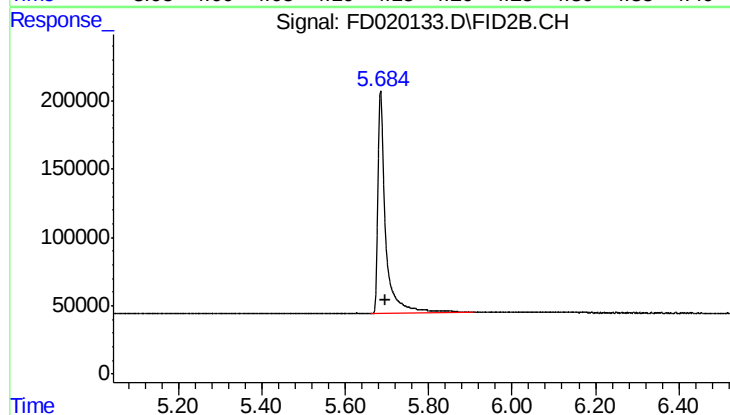
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





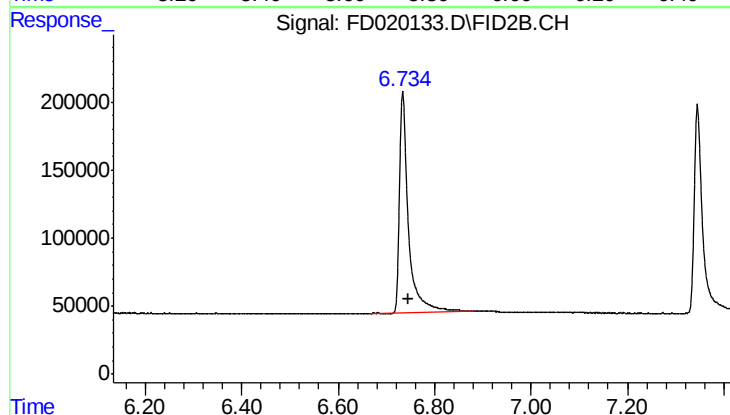
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.153 min
Delta R.T.: -0.007 min
Response: 1993268
Conc: 22.57 ug/ml



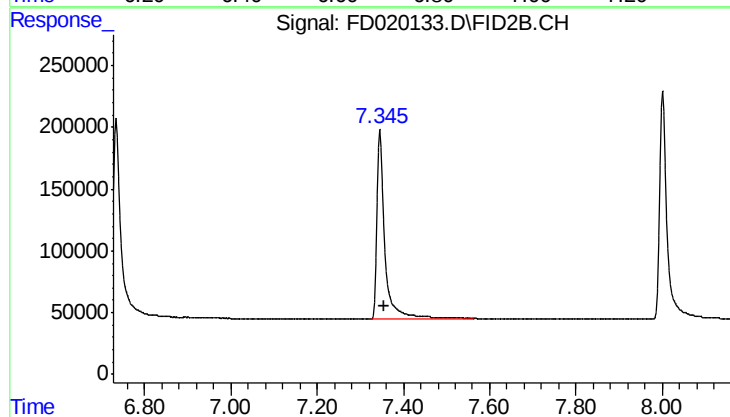
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: -0.012 min
Response: 2081459
Conc: 23.27 ug/ml



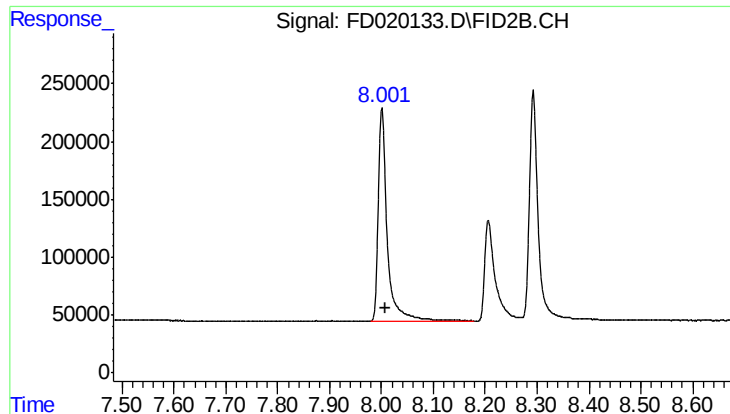
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.011 min
Response: 2058556
Conc: 22.67 ug/ml



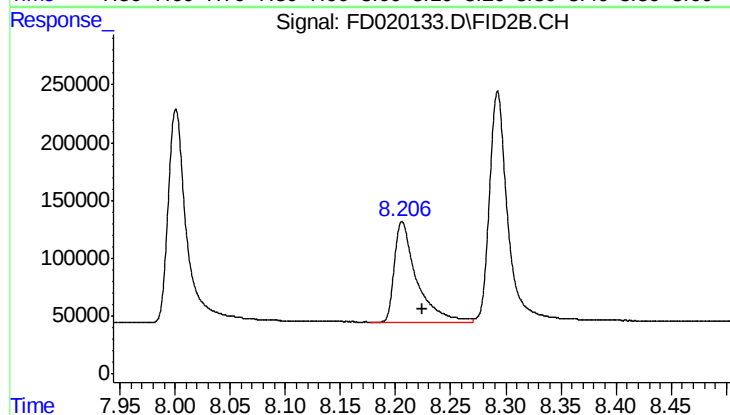
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: -0.010 min
Response: 1934355
Conc: 23.09 ug/ml



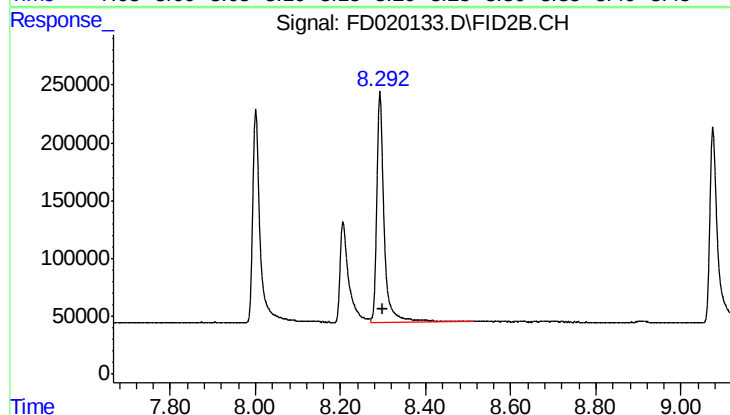
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.008 min
Response: 2204159
Conc: 23.02 ug/ml



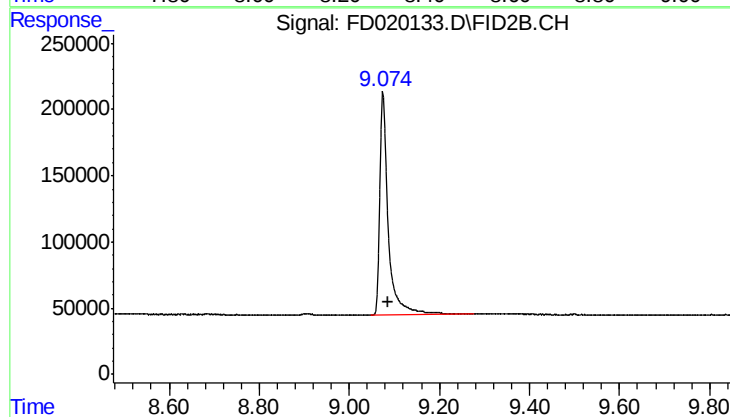
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.206 min
Delta R.T.: -0.018 min
Response: 1215437
Conc: 24.04 ug/ml



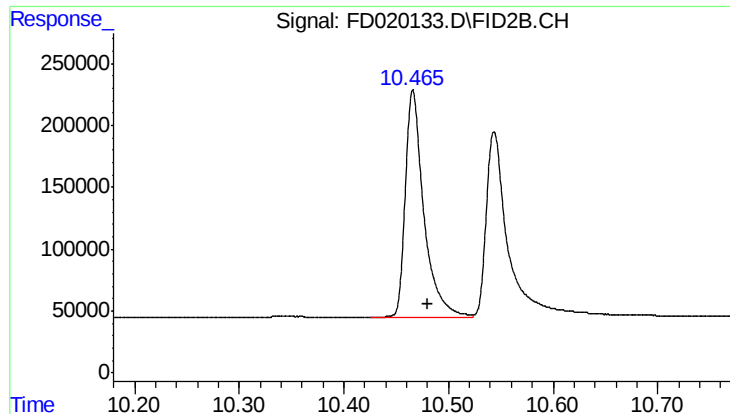
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.006 min
Response: 2371311
Conc: 23.15 ug/ml



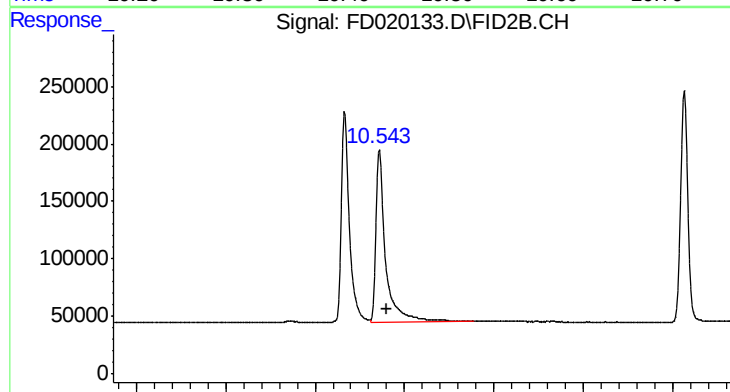
#8 Fluorene (C16.55)

R.T.: 9.075 min
Delta R.T.: -0.012 min
Response: 2194475
Conc: 23.40 ug/ml



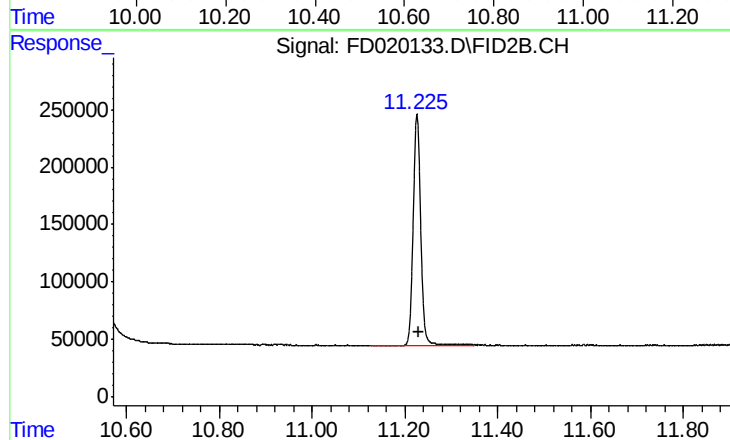
#9 Phenanthrene (C19.36)

R.T.: 10.466 min
Delta R.T.: -0.014 min
Response: 2249574
Conc: 24.14 ug/ml



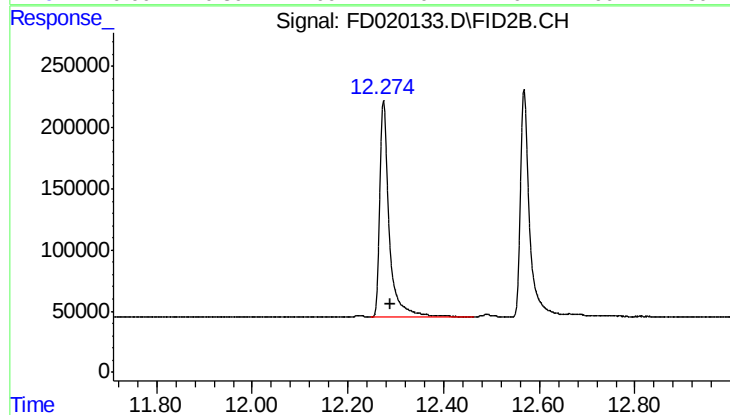
#10 Anthracene (C19.43)

R.T.: 10.544 min
Delta R.T.: -0.015 min
Response: 2238563
Conc: 23.61 ug/ml



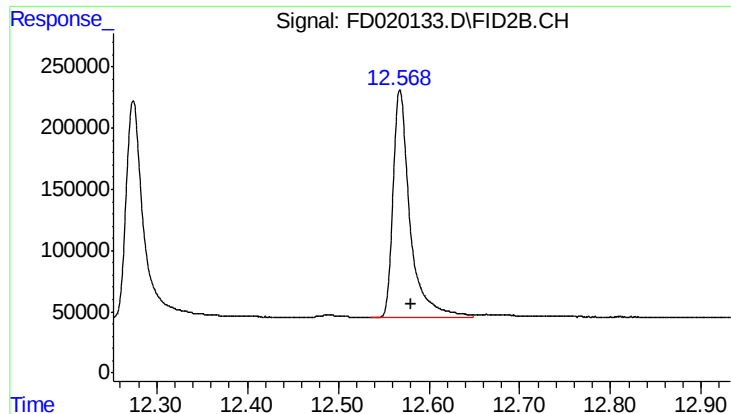
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.005 min
Response: 2233023
Conc: 23.53 ug/ml



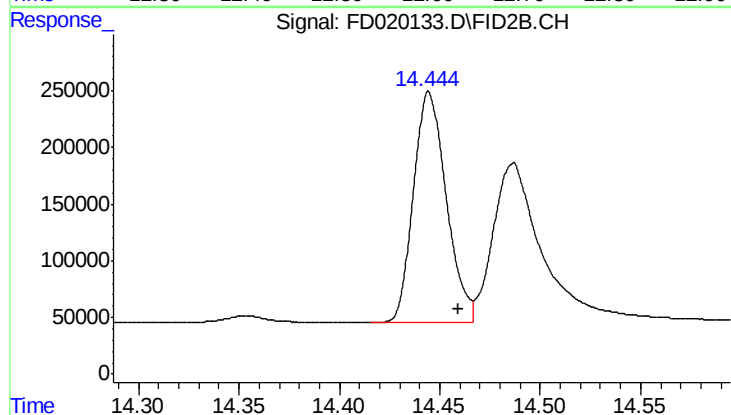
#12 Fluoranthene (C21.85)

R.T.: 12.274 min
Delta R.T.: -0.013 min
Response: 2423615
Conc: 24.16 ug/ml



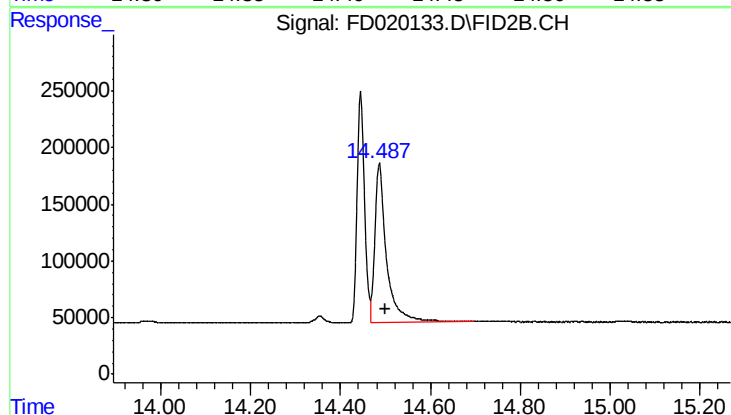
#13 Pyrene (C20.8)

R.T.: 12.568 min
Delta R.T.: -0.012 min
Response: 2410896
Conc: 23.73 ug/ml



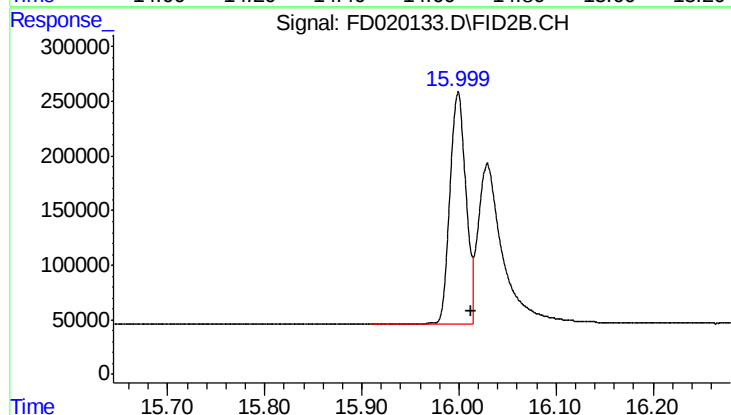
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: -0.015 min
Response: 2312830
Conc: 23.98 ug/ml



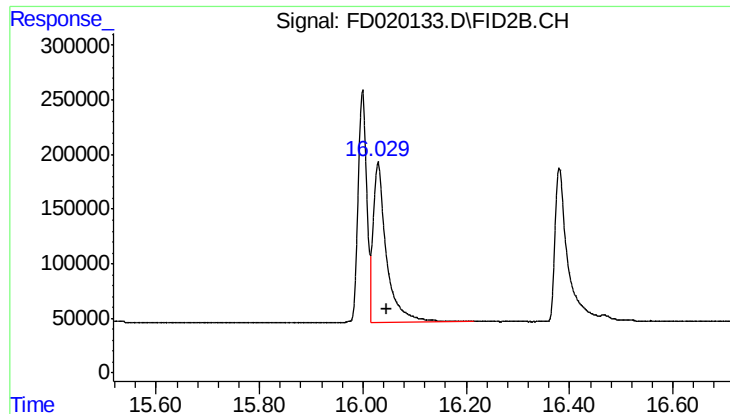
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: -0.014 min
Response: 2518021
Conc: 23.33 ug/ml



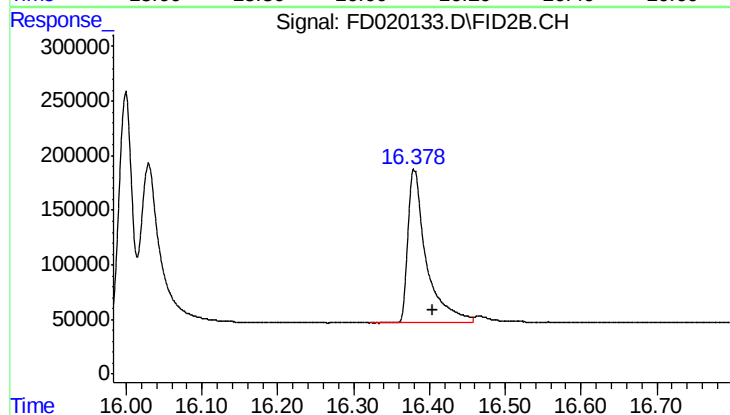
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.999 min
Delta R.T.: -0.013 min
Response: 2415248
Conc: 24.03 ug/ml



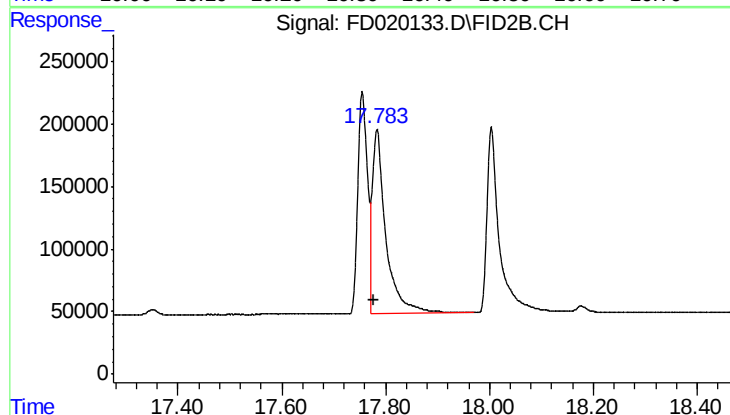
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.030 min
Delta R.T.: -0.016 min
Response: 2631833
Conc: 23.19 ug/ml



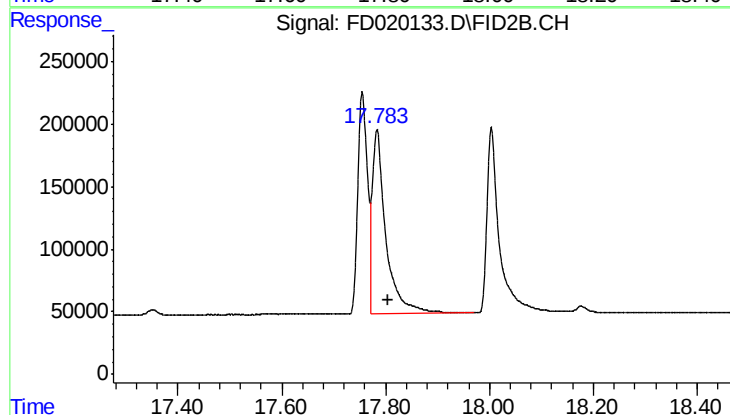
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: -0.024 min
Response: 2368420
Conc: 22.54 ug/ml



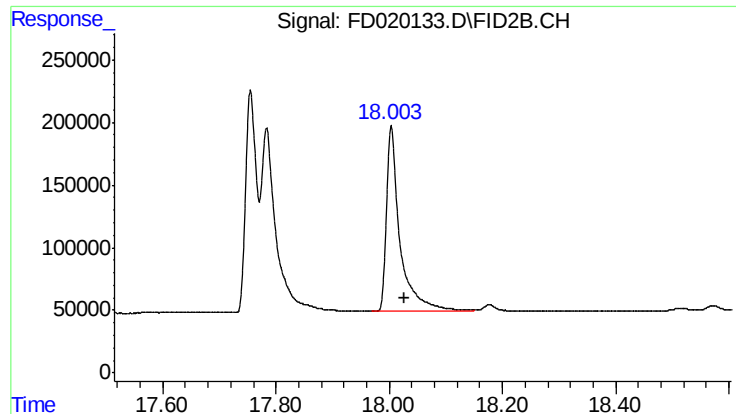
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.784 min
Delta R.T.: 0.006 min
Response: 2720782
Conc: 28.56 ug/ml



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

R.T.: 17.784 min
Delta R.T.: -0.021 min
Response: 2720782
Conc: 23.94 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.024 min
Response: 2434819
Conc: 23.44 ug/ml