

Data Path : P:\HPCHEM1\FID D\Data\FD030218AR\
 Data File : FD020270.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2018 16:27
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 00:55:19 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...	7.339	1972079	23.540 ug/ml
Spiked Amount 50.000		Recovery =	47.08%
6) S 2-Fluorobiphenyl (SURR)	8.198	1246019	24.646 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.29%
11) S ortho-Terphenyl (SURR)	11.223	2261670	23.832 ug/ml
Spiked Amount 50.000		Recovery =	47.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	2170248	24.576 ug/ml
2) T Naphthalene (C11.7)	5.677	2196154	24.551 ug/ml
3) T 2-Methylnaphthalene (...)	6.727	2168255	23.874 ug/ml
5) T Acenaphthylene (C15.06)	7.995	2207753	23.053 ug/ml
7) T Acenaphthene (C15.5)	8.287	2328804	22.733 ug/ml
8) T Fluorene (C16.55)	9.069	2221025	23.687 ug/ml
9) T Phenanthrene (C19.36)	10.461	2289671	24.575 ug/ml
10) T Anthracene (C19.43)	10.538	2292279	24.173 ug/ml
12) T Fluoranthene (C21.85)	12.271	2471705	24.642 ug/ml
13) T Pyrene (C20.8)	12.565	2474431	24.355 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.443	2385507	24.738 ug/ml
15) T Chrysene (C27.41)	14.484	2511669	23.271 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.000	2450169	24.372 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.030	2575261	22.695 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.381	2403288	22.869 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.787	2759130	28.960 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.787	2759130	24.280 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.009	2321174	22.348 ug/ml

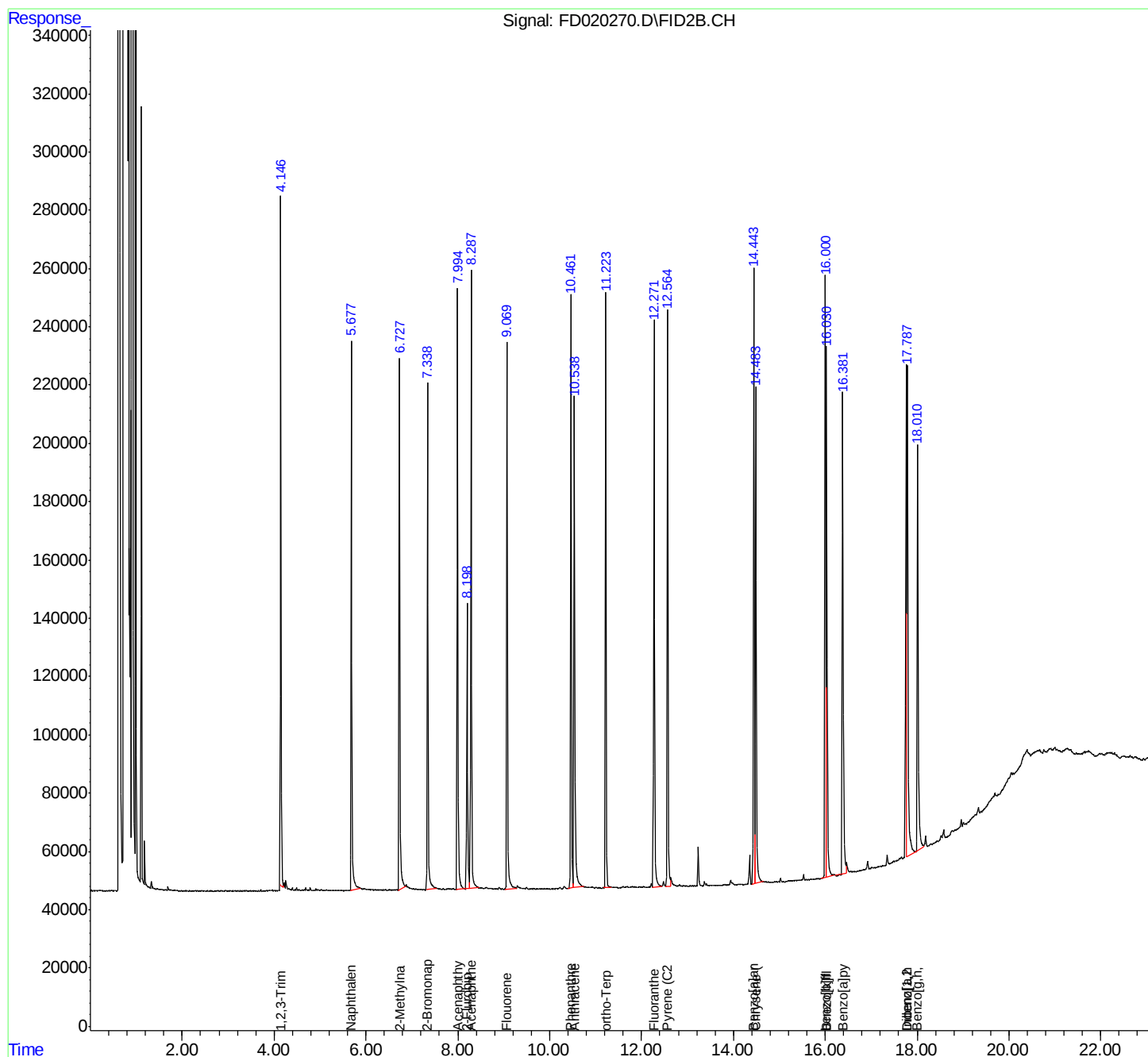
(f)=RT Delta > 1/2 Window

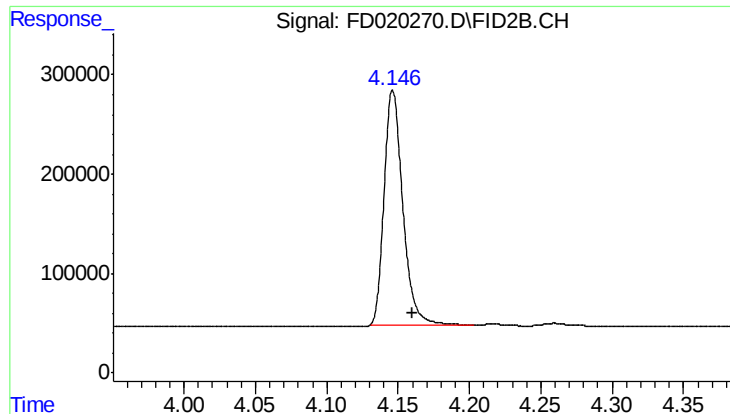
(m)=manual int.

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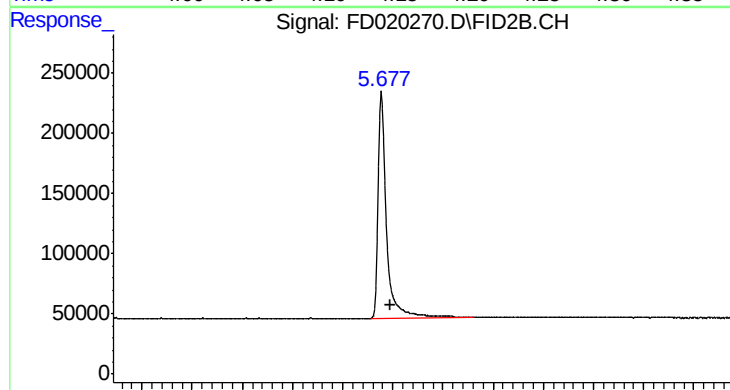
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





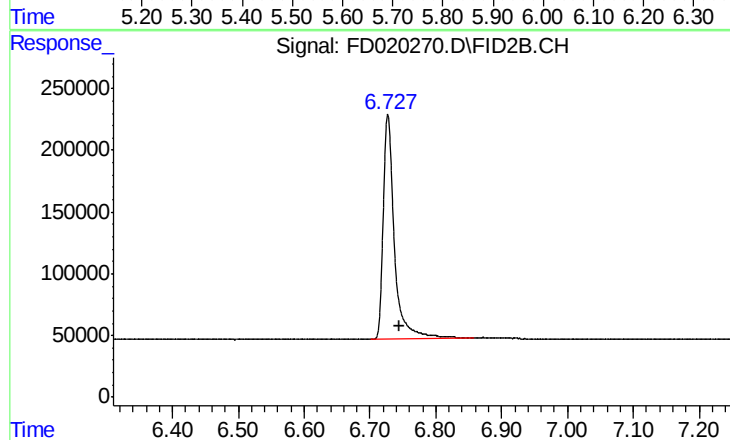
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.146 min
Delta R.T.: -0.013 min
Response: 2170248
Conc: 24.58 ug/ml



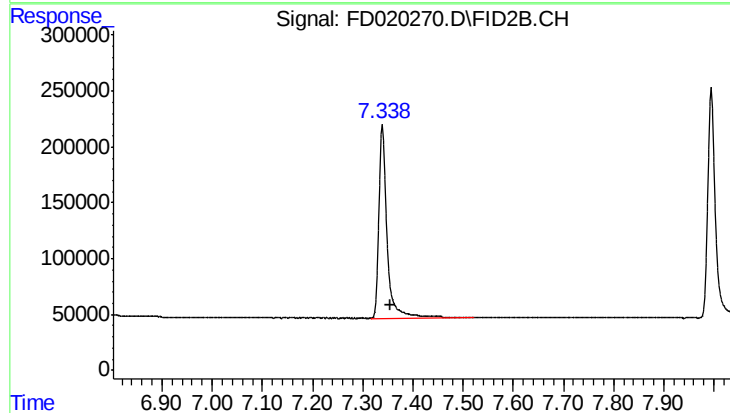
#2 Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.019 min
Response: 2196154
Conc: 24.55 ug/ml



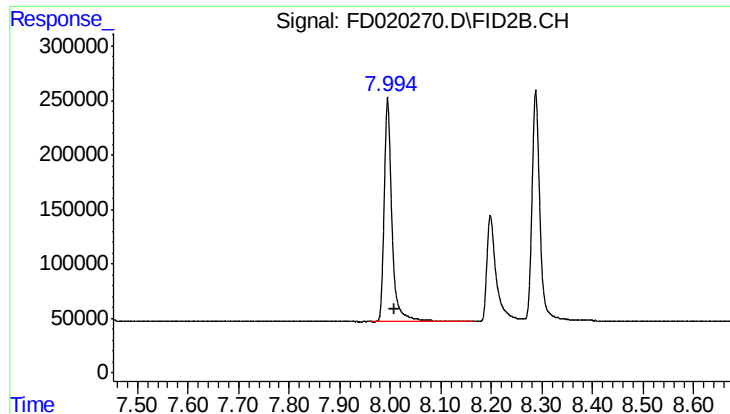
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.727 min
Delta R.T.: -0.018 min
Response: 2168255
Conc: 23.87 ug/ml



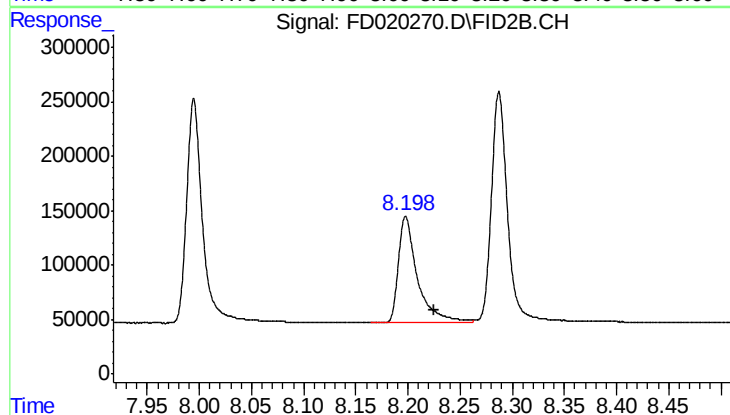
#4 2-Bromonaphthalene (SURR)

R.T.: 7.339 min
Delta R.T.: -0.016 min
Response: 1972079
Conc: 23.54 ug/ml



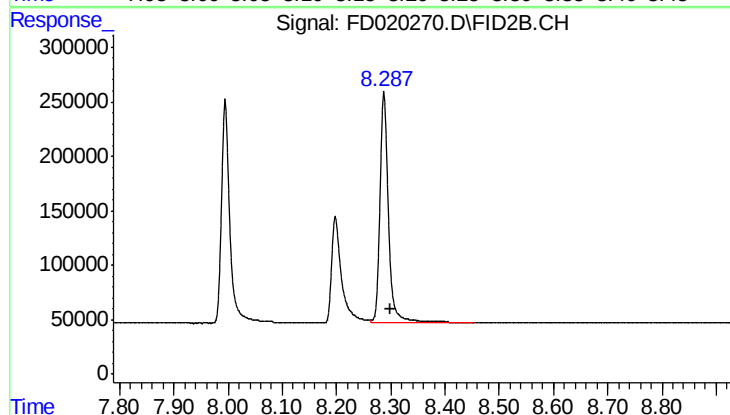
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: -0.014 min
Response: 2207753
Conc: 23.05 ug/ml



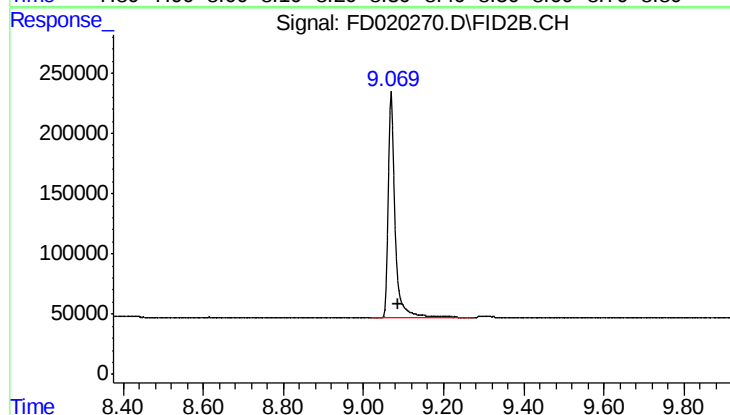
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.198 min
Delta R.T.: -0.027 min
Response: 1246019
Conc: 24.65 ug/ml



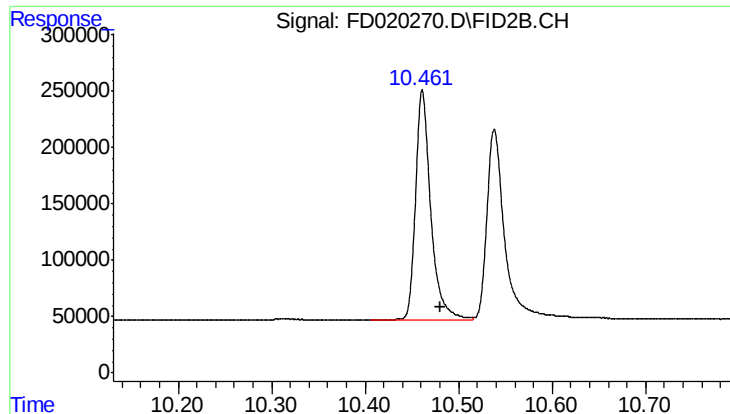
#7 Acenaphthene (C15.5)

R.T.: 8.287 min
Delta R.T.: -0.011 min
Response: 2328804
Conc: 22.73 ug/ml



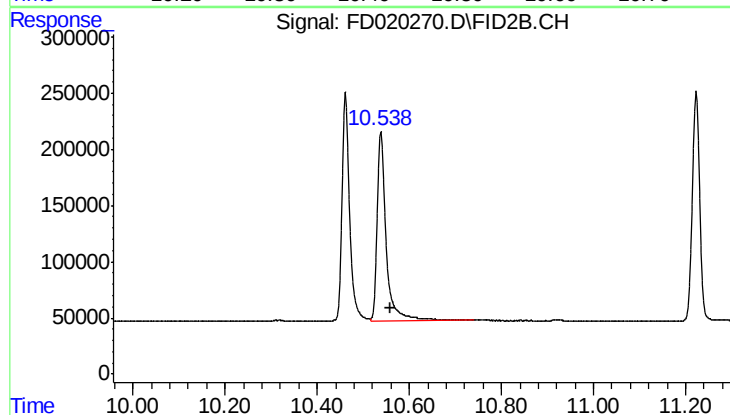
#8 Fluorene (C16.55)

R.T.: 9.069 min
Delta R.T.: -0.018 min
Response: 2221025
Conc: 23.69 ug/ml



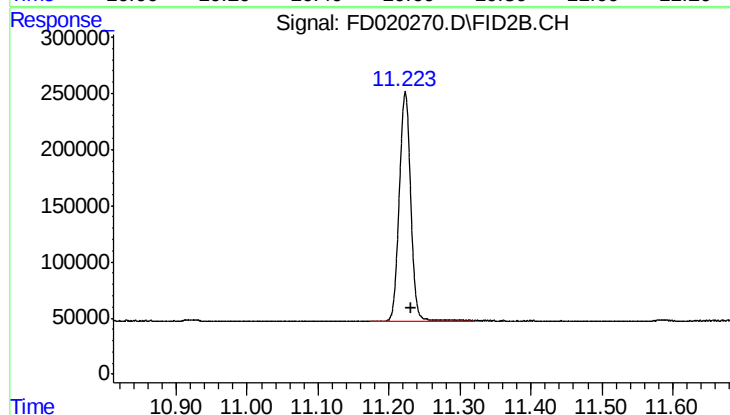
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.019 min
Response: 2289671
Conc: 24.57 ug/ml



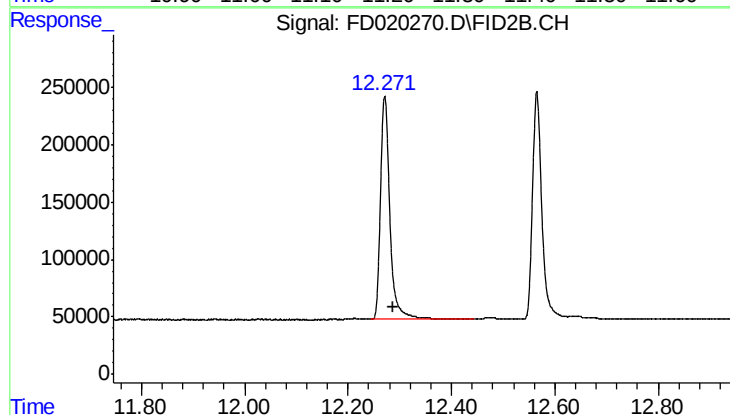
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.021 min
Response: 2292279
Conc: 24.17 ug/ml



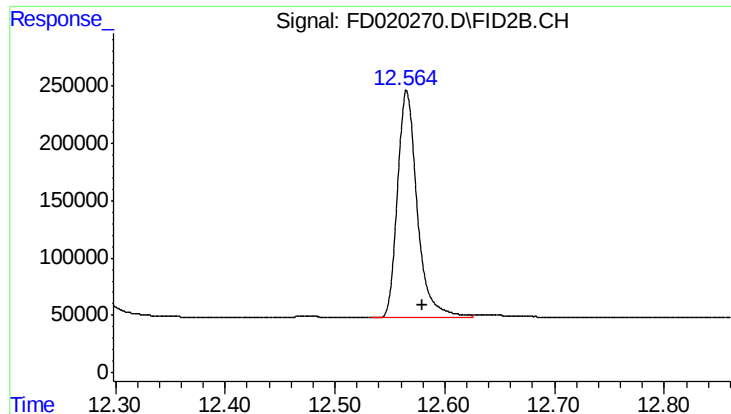
#11 ortho-Terphenyl (SURR)

R.T.: 11.223 min
Delta R.T.: -0.007 min
Response: 2261670
Conc: 23.83 ug/ml



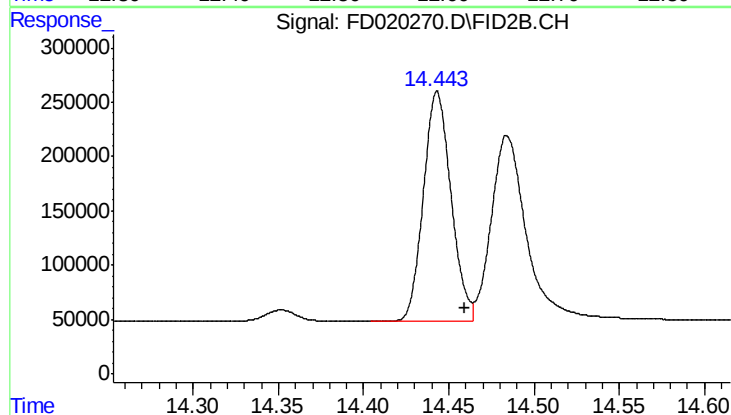
#12 Fluoranthene (C21.85)

R.T.: 12.271 min
Delta R.T.: -0.017 min
Response: 2471705
Conc: 24.64 ug/ml



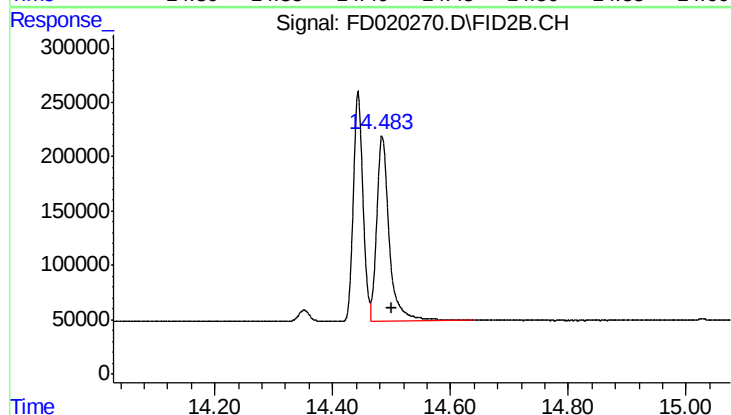
#13 Pyrene (C20.8)

R.T.: 12.565 min
Delta R.T.: -0.015 min
Response: 2474431
Conc: 24.36 ug/ml



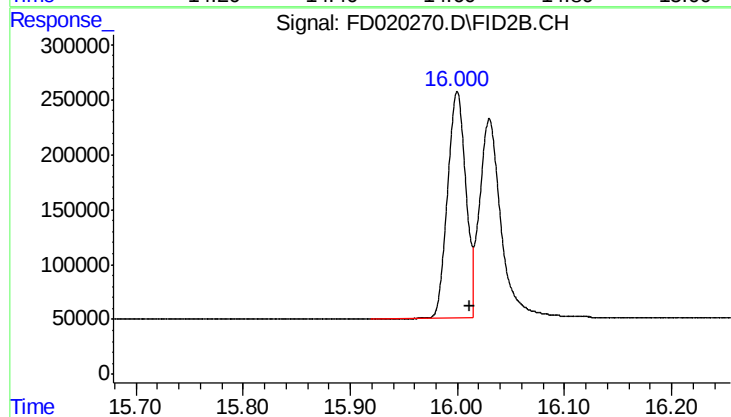
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: -0.016 min
Response: 2385507
Conc: 24.74 ug/ml



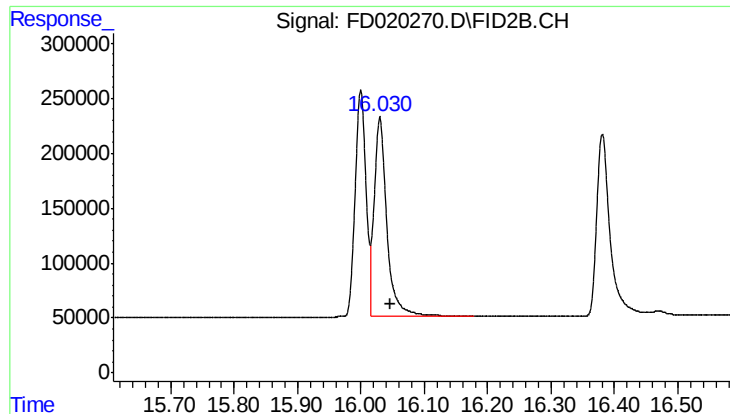
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: -0.016 min
Response: 2511669
Conc: 23.27 ug/ml



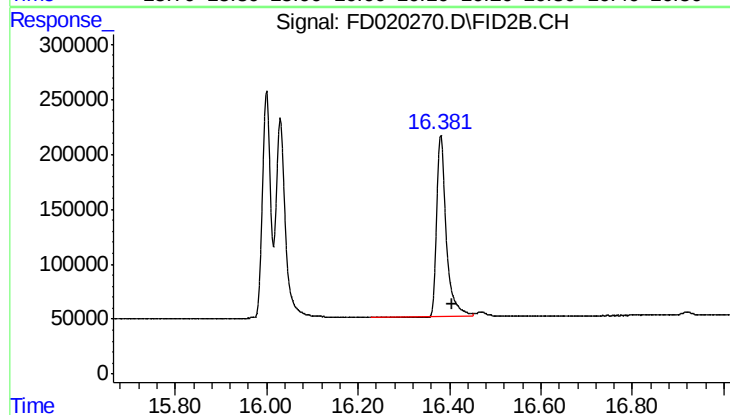
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.000 min
Delta R.T.: -0.012 min
Response: 2450169
Conc: 24.37 ug/ml



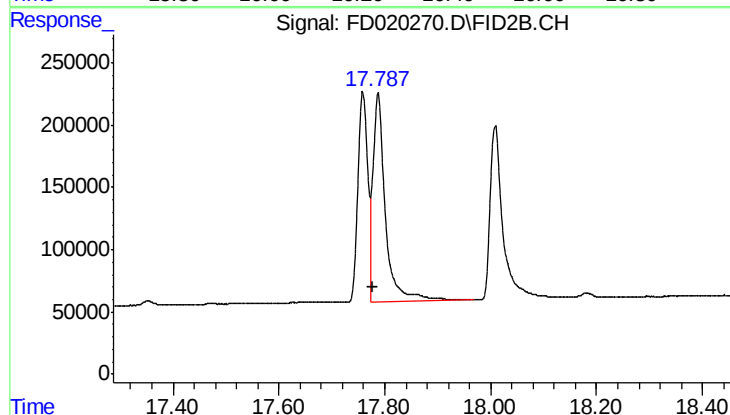
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 16.030 min
Delta R.T.: -0.016 min
Response: 2575261
Conc: 22.69 ug/ml



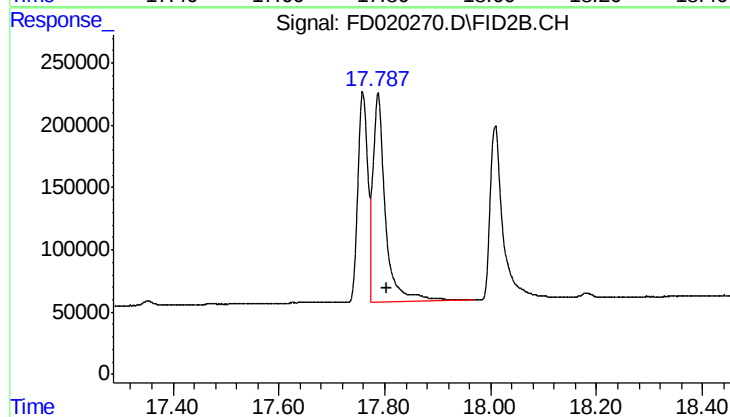
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.023 min
Response: 2403288
Conc: 22.87 ug/ml



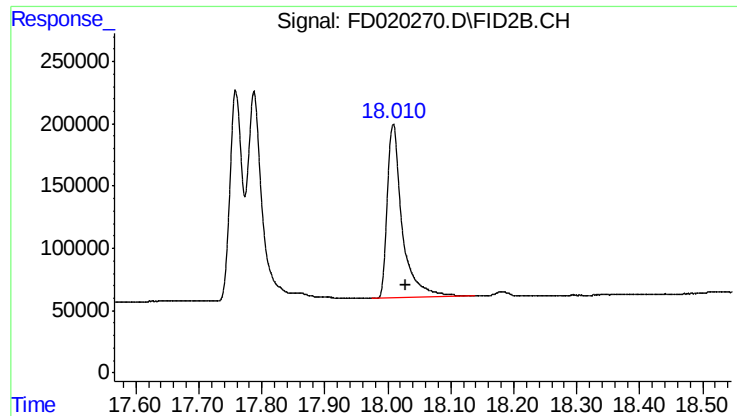
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: 0.010 min
Response: 2759130
Conc: 28.96 ug/ml



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

R.T.: 17.787 min
Delta R.T.: -0.017 min
Response: 2759130
Conc: 24.28 ug/ml



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

R.T.: 18.009 min
Delta R.T.: -0.019 min
Response: 2321174
Conc: 22.35 ug/ml