

Data Path : P:\HPCHEM1\FID D\Data\FD031318AR\
 Data File : FD022508.D
 Signal(s) : FID2B.CH
 Acq On : 13 Mar 2018 14:59
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:12:01 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...	7.326	1905718	22.748 ug/ml
Spiked Amount 50.000		Recovery =	45.50%
6) S 2-Fluorobiphenyl (SURR)	8.185	1138338	22.516 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.03%
11) S ortho-Terphenyl (SURR)	11.209	2285559	24.084 ug/ml
Spiked Amount 50.000		Recovery =	48.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.134	2109177	23.884 ug/ml
2) T Naphthalene (C11.7)	5.664	2068110	23.120 ug/ml
3) T 2-Methylnaphthalene (...)	6.714	2035926	22.417 ug/ml
5) T Acenaphthylene (C15.06)	7.981	2173655	22.697 ug/ml
7) T Acenaphthene (C15.5)	8.273	1753135	17.114 ug/ml
8) T Fluorene (C16.55)	9.057	2209311	23.562 ug/ml
9) T Phenanthrene (C19.36)	10.449	2300507	24.691 ug/ml
10) T Anthracene (C19.43)	10.526	2322170	24.489 ug/ml
12) T Fluoranthene (C21.85)	12.259	2456033	24.486 ug/ml
13) T Pyrene (C20.8)	12.553	2439264	24.009 ug/ml
14) T Benzo[alanthracene (C...	14.473	2473401	25.650 ug/ml
15) T Chrysene (C27.41)	14.473	2473401	22.917 ug/ml
16) T benzo[b]fluoranthene ...	16.020	2556153	25.427 ug/ml
17) T Benzo[k]fluoranthene ...	16.020	2556153	22.526 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	2298751	21.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.777	2799223	29.381 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	2799223	24.633 ug/ml
21) T Benzo[a,h,i]perylene ...	18.002	1937235	18.652 ug/ml

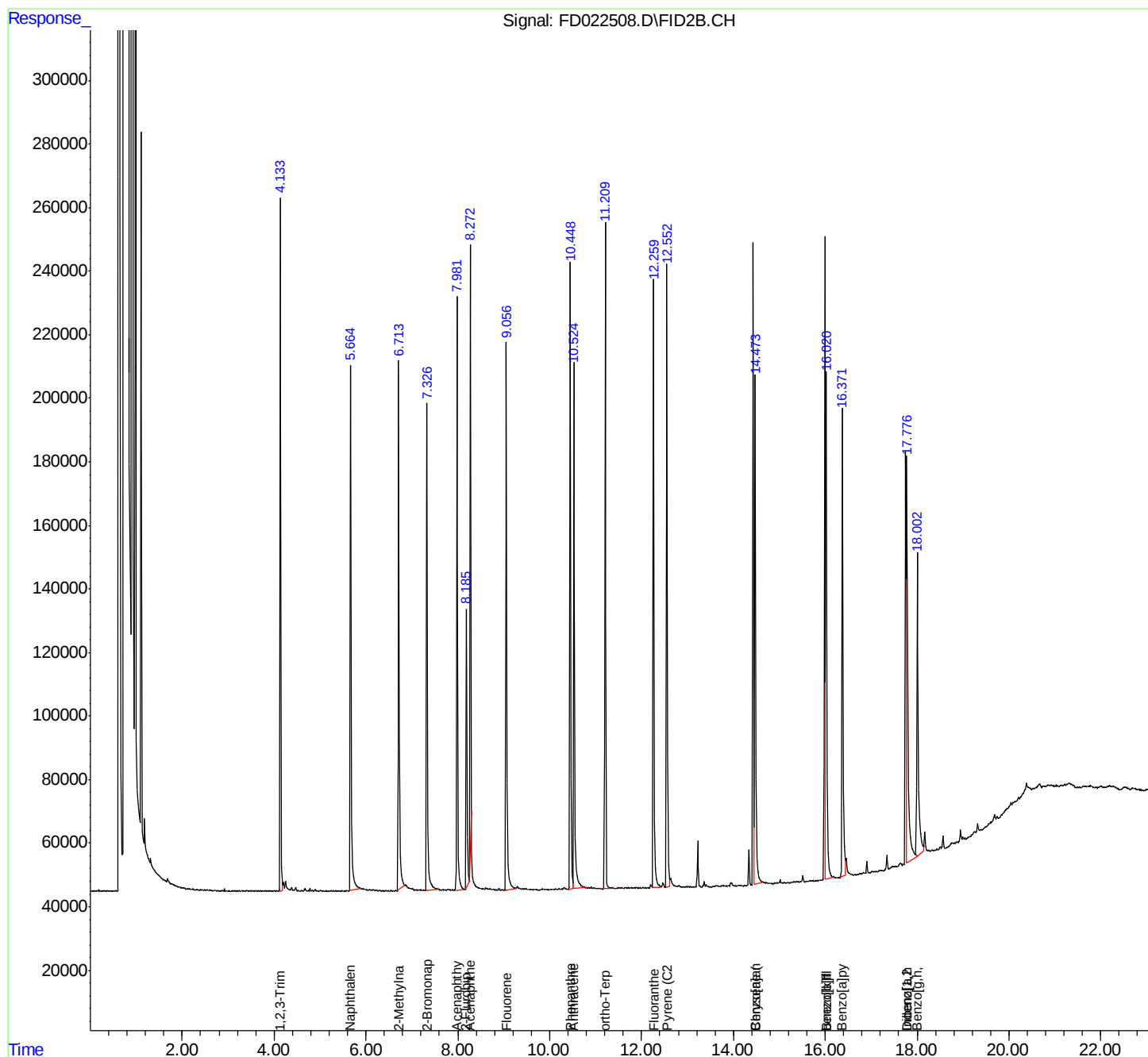
(f)=RT Delta > 1/2 Window

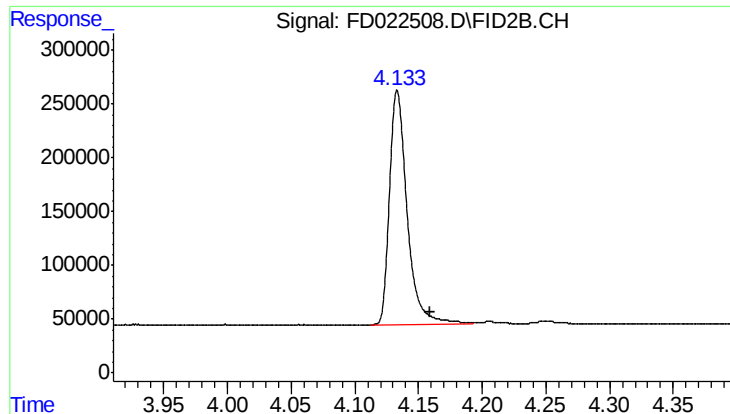
(m)=manual int.

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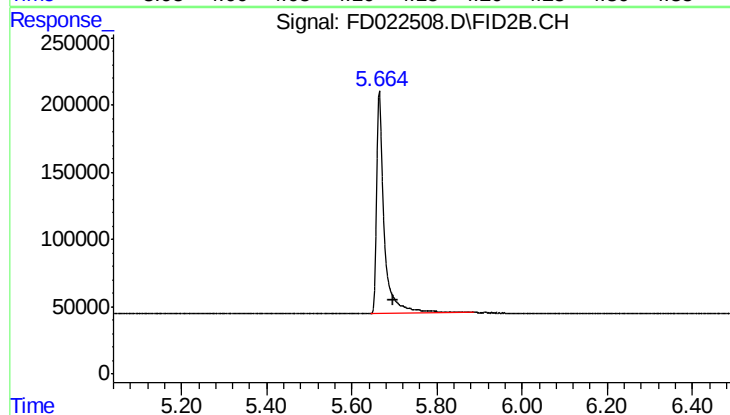
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





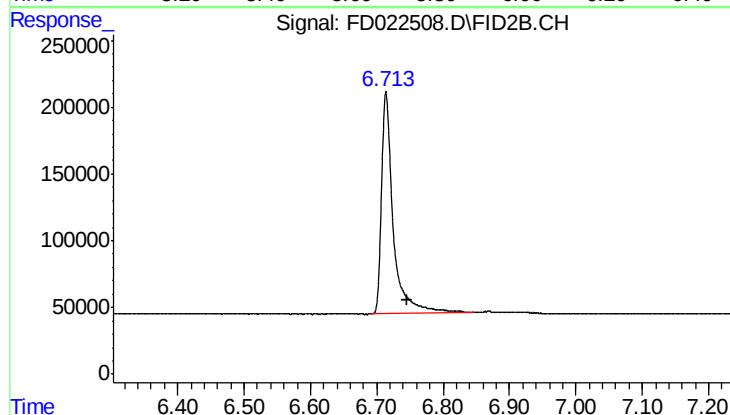
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.134 min
Delta R.T.: -0.026 min
Response: 2109177
Conc: 23.88 ug/ml



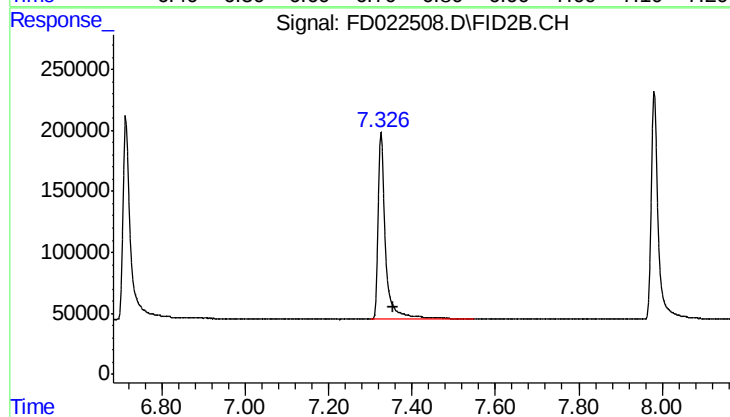
#2 Naphthalene (C11.7)

R.T.: 5.664 min
Delta R.T.: -0.032 min
Response: 2068110
Conc: 23.12 ug/ml



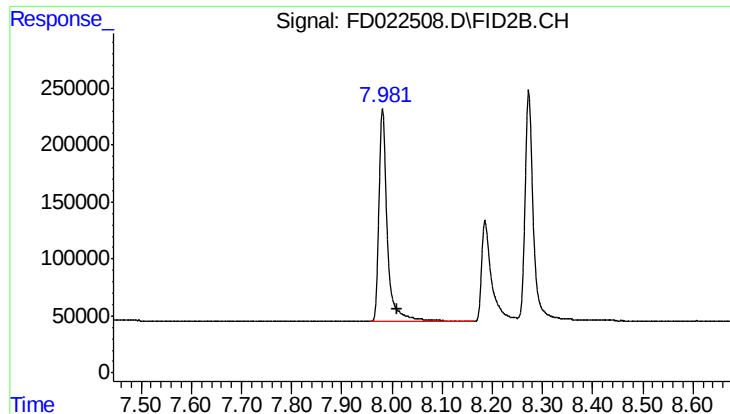
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.714 min
Delta R.T.: -0.032 min
Response: 2035926
Conc: 22.42 ug/ml



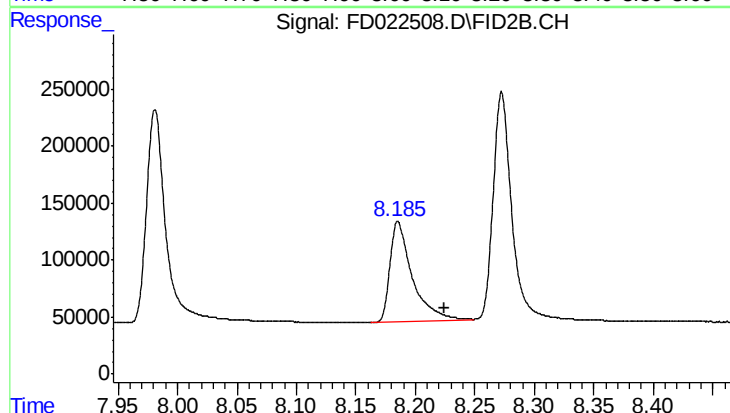
#4 2-Bromonaphthalene (SURR)

R.T.: 7.326 min
Delta R.T.: -0.029 min
Response: 1905718
Conc: 22.75 ug/ml



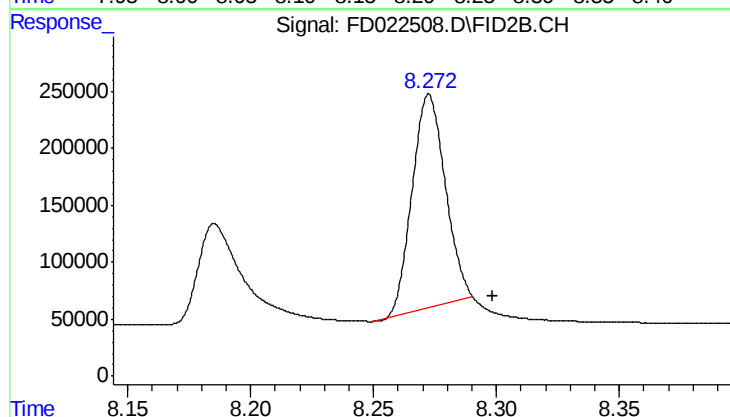
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.028 min
Response: 2173655
Conc: 22.70 ug/ml



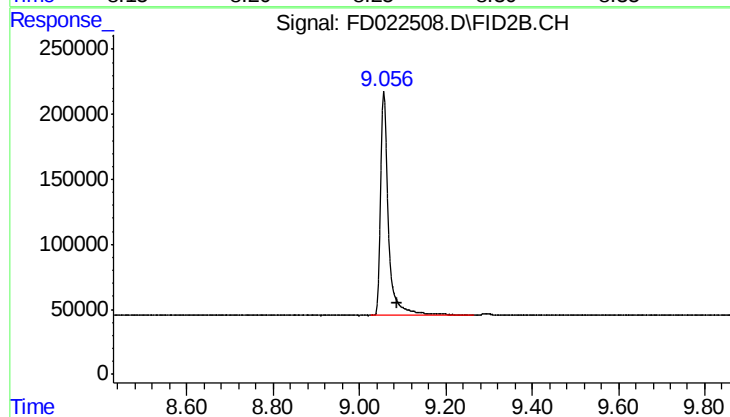
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.185 min
Delta R.T.: -0.039 min
Response: 1138338
Conc: 22.52 ug/ml



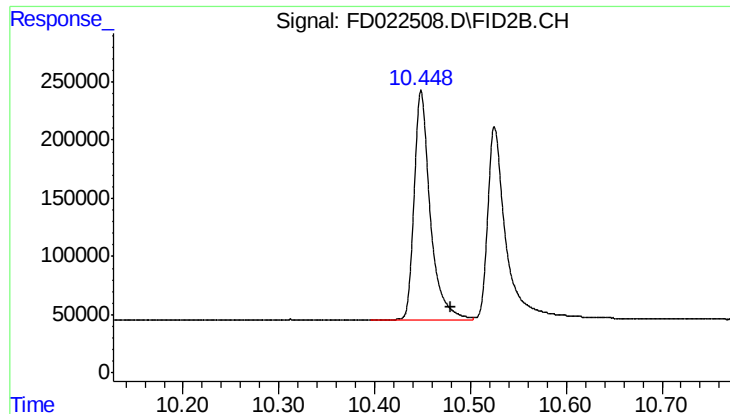
#7 Acenaphthene (C15.5)

R.T.: 8.273 min
Delta R.T.: -0.026 min
Response: 1753135
Conc: 17.11 ug/ml



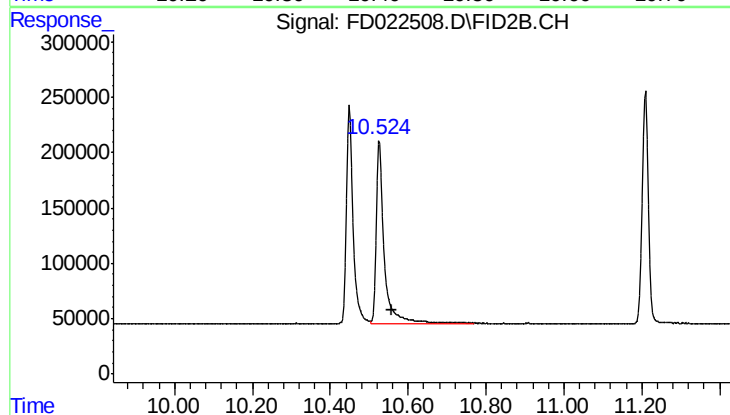
#8 Fluorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.030 min
Response: 2209311
Conc: 23.56 ug/ml



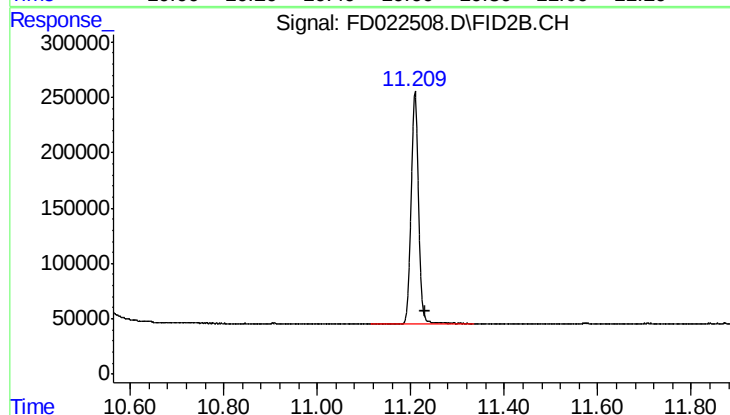
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.031 min
Response: 2300507
Conc: 24.69 ug/ml



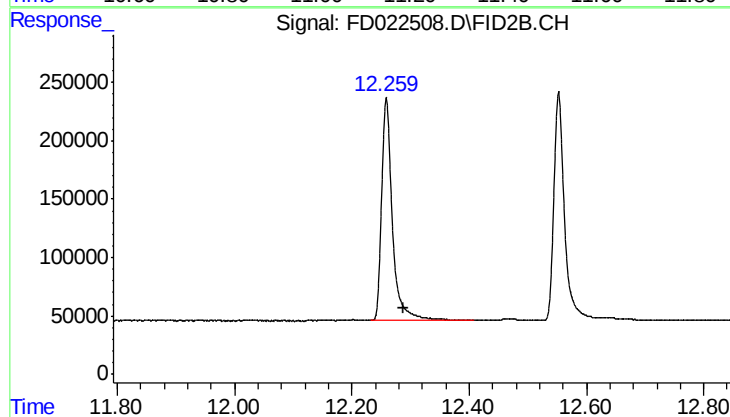
#10 Anthracene (C19.43)

R.T.: 10.526 min
Delta R.T.: -0.034 min
Response: 2322170
Conc: 24.49 ug/ml



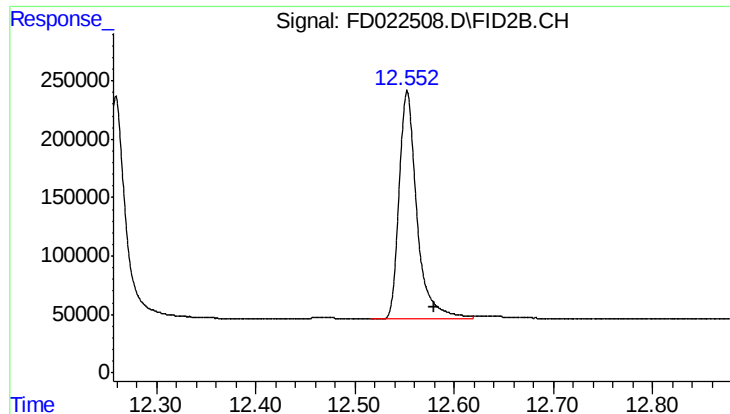
#11 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: -0.021 min
Response: 2285559
Conc: 24.08 ug/ml



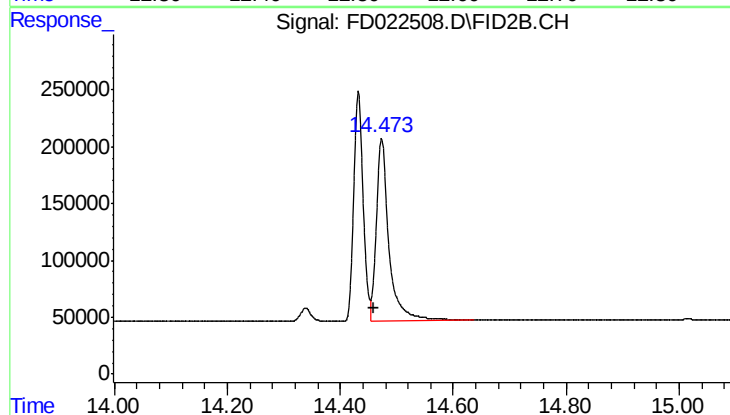
#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.029 min
Response: 2456033
Conc: 24.49 ug/ml



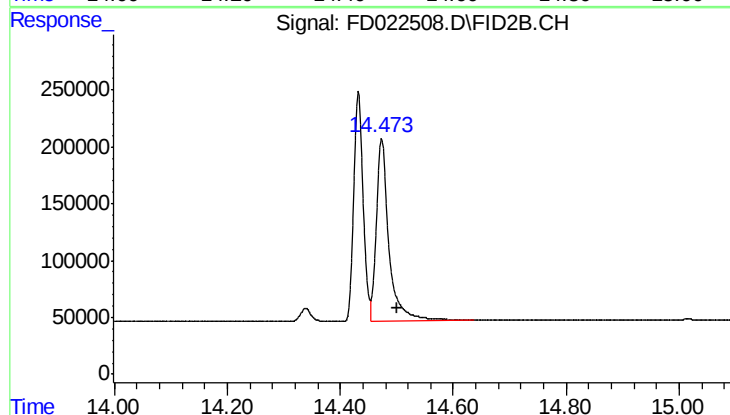
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: -0.027 min
Response: 2439264
Conc: 24.01 ug/ml



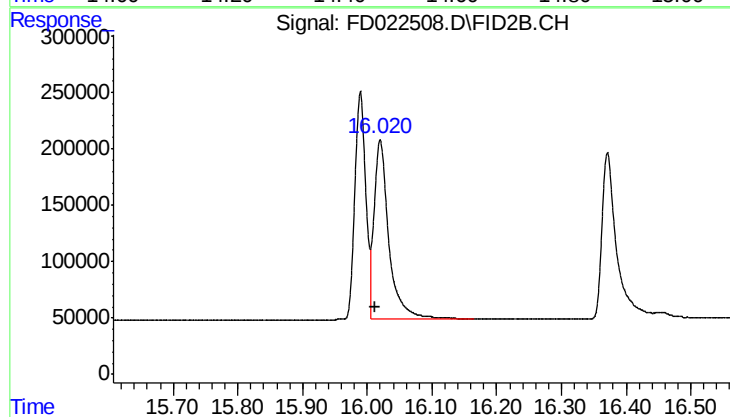
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: 0.014 min
Response: 2473401
Conc: 25.65 ug/ml



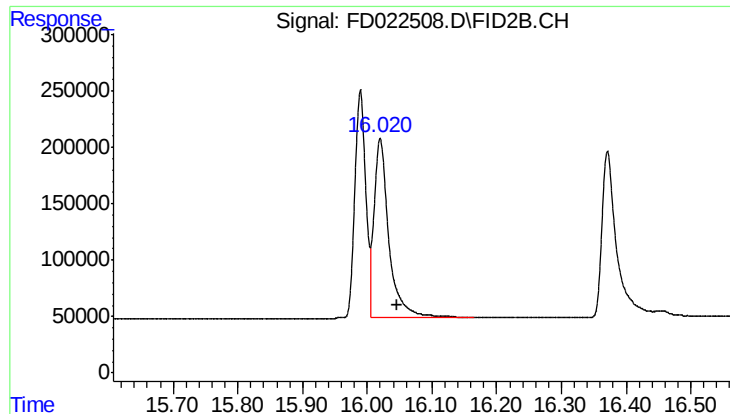
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: -0.027 min
Response: 2473401
Conc: 22.92 ug/ml



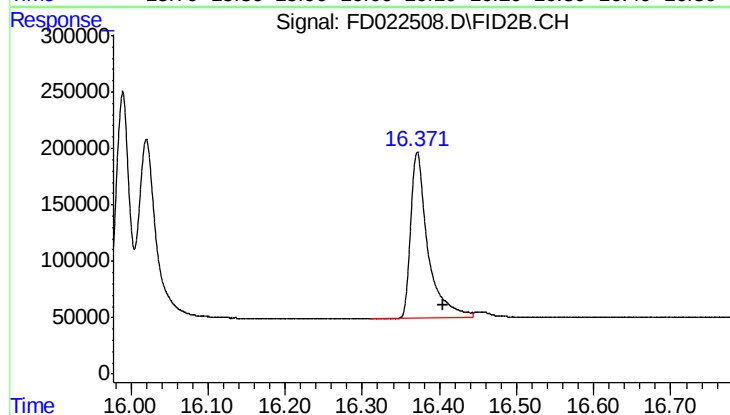
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.020 min
Delta R.T.: 0.008 min
Response: 2556153
Conc: 25.43 ug/ml



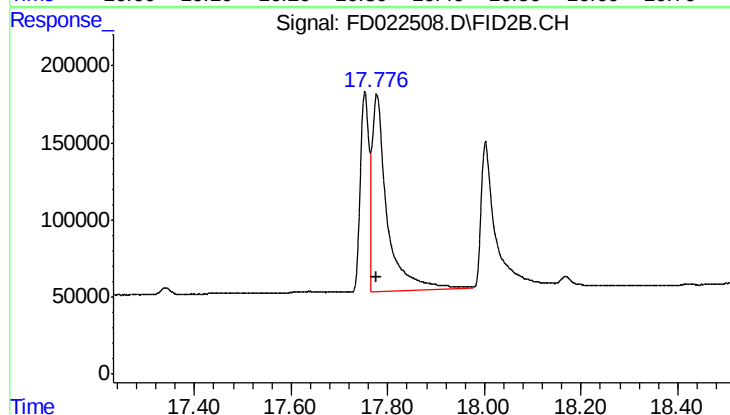
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.020 min
Delta R.T.: -0.025 min
Response: 2556153
Conc: 22.53 ug/ml



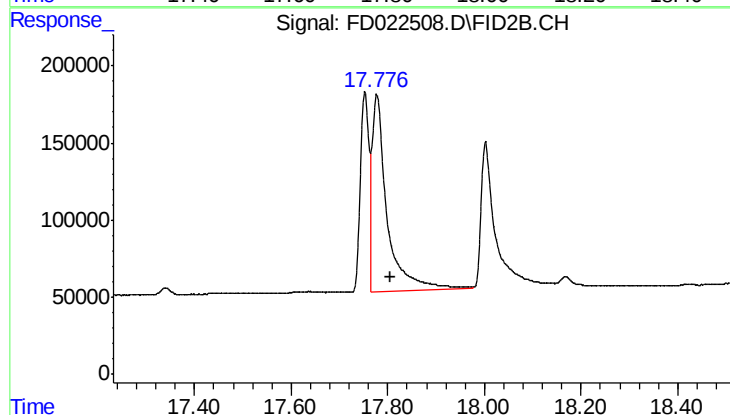
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.033 min
Response: 2298751
Conc: 21.87 ug/ml



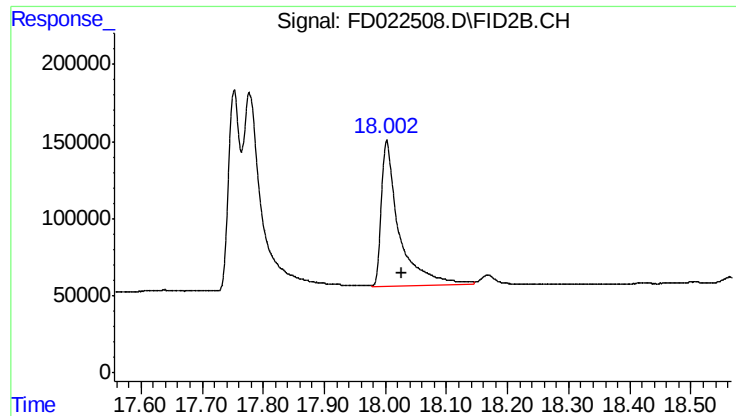
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min
Delta R.T.: 0.000 min
Response: 2799223
Conc: 29.38 ug/ml



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

R.T.: 17.777 min
Delta R.T.: -0.027 min
Response: 2799223
Conc: 24.63 ug/ml



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

R.T.: 18.002 min
Delta R.T.: -0.025 min
Response: 1937235
Conc: 18.65 ug/ml