

Data Path : P:\HPCHEM1\FID D\Data\FD021518AR\
 Data File : FD020044.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2018 23:45
 Operator : UA/AJ
 Sample : J1525-05MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 07:31:28 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 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...	7.350	3167818	39.151 ug/ml
Spiked Amount 50.000		Recovery =	78.30%
6) S 2-Fluorobiphenyl (SURR)	8.209	2048057	37.444 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.89%
11) S ortho-Terphenyl (SURR)	11.234	2881880	29.130 ug/ml
Spiked Amount 50.000		Recovery =	58.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	2054708	23.210 ug/ml
2) T Naphthalene (C11.7)	5.688	2617094	29.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	2849986	31.043 ug/ml
5) T Acenaphthylene (C15.06)	8.006	2889181	30.470 ug/ml
7) T Acenaphthene (C15.5)	8.299	3134629	32.133 ug/ml
8) T Fluorene (C16.55)	9.081	3088840	32.504 ug/ml
9) T Phenanthrene (C19.36)	10.473	4110179	41.343 ug/ml
10) T Anthracene (C19.43)	10.549	3383276	34.791 ug/ml
12) T Fluoranthene (C21.85)	12.284	4838448	45.641 ug/ml
13) T Pyrene (C20.8)	12.578	4701504	44.384 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.495	4606101	44.010 ug/ml
15) T Chrysene (C27.41)	14.495	4606101	42.619 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.012	8372687	77.821 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.391	4264637	39.124 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.769	7488494	75.697 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.019	3905569	37.424 ug/ml

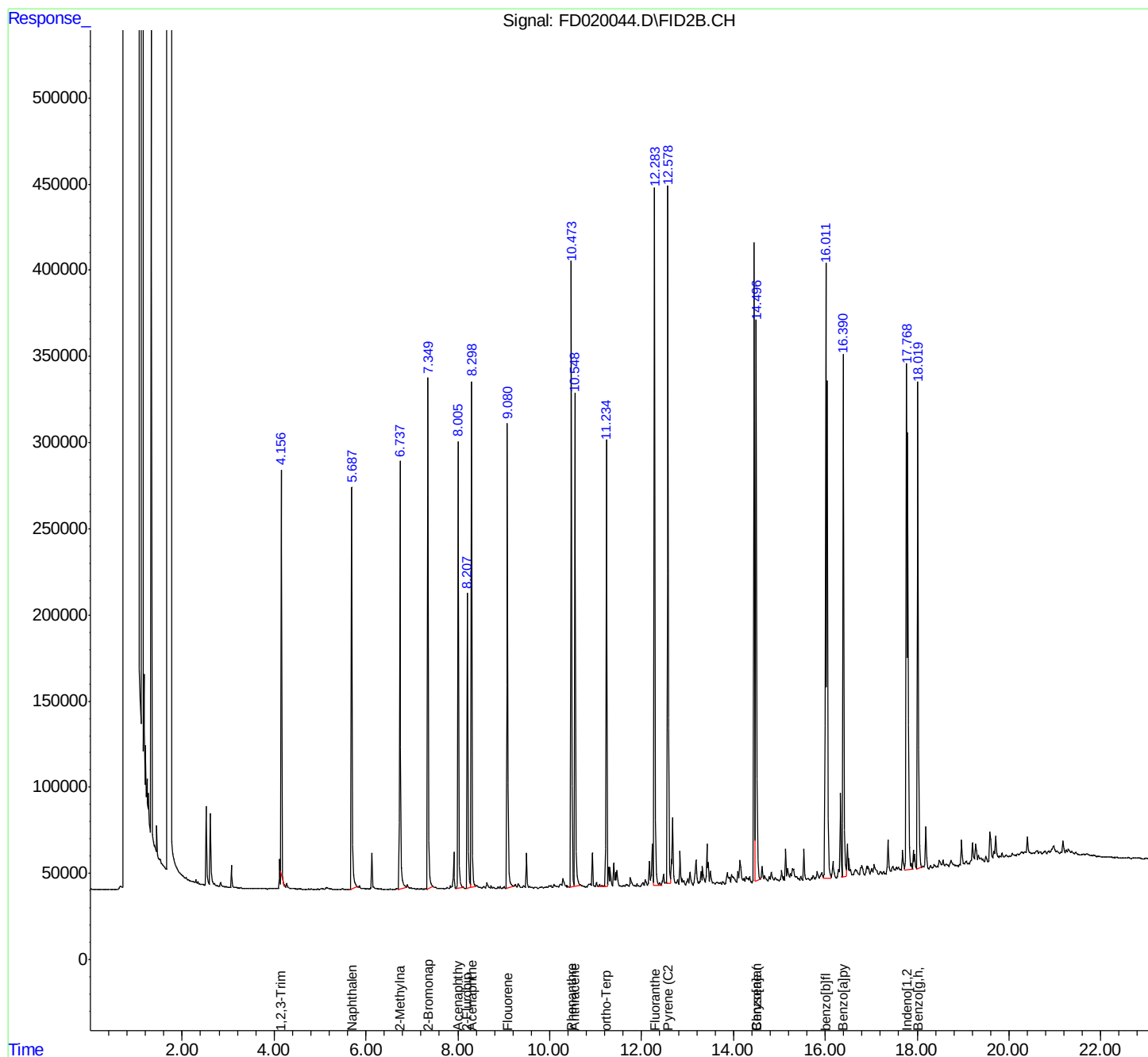
(f)=RT Delta > 1/2 Window

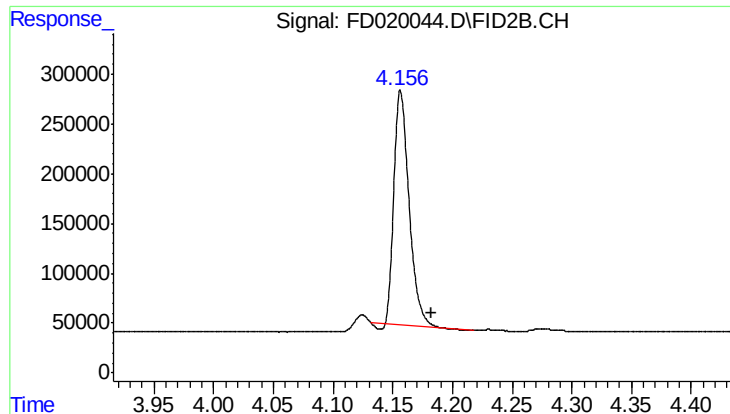
(m)=manual int.

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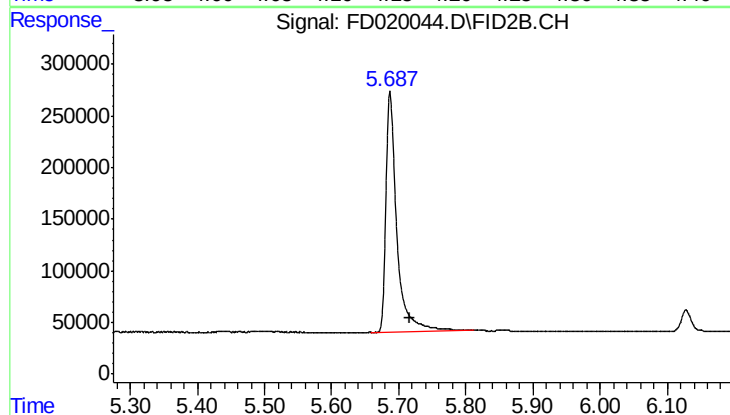
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





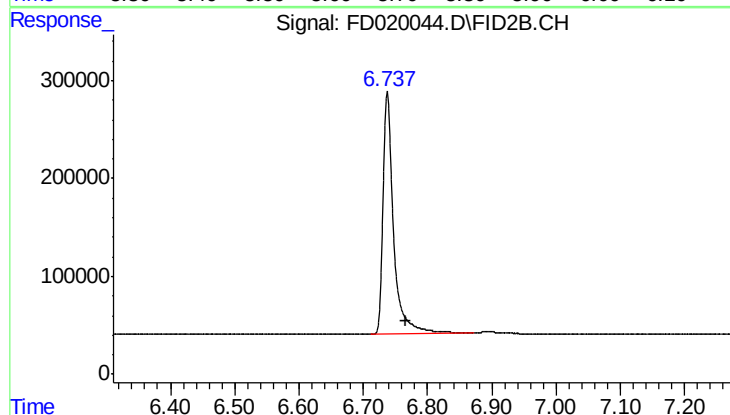
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: -0.026 min
Response: 2054708
Conc: 23.21 ug/ml



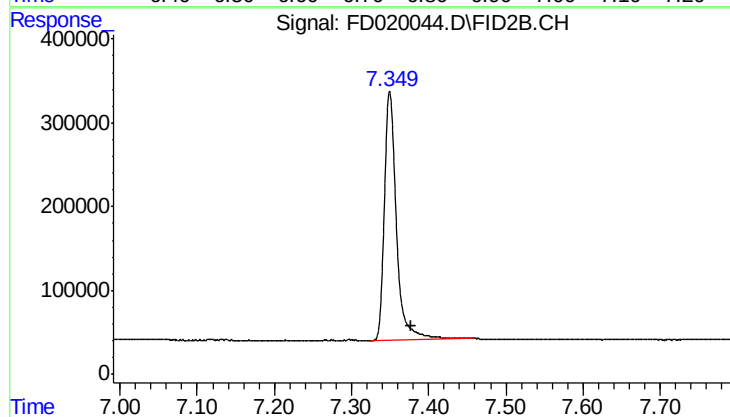
#2 Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.029 min
Response: 2617094
Conc: 29.30 ug/ml



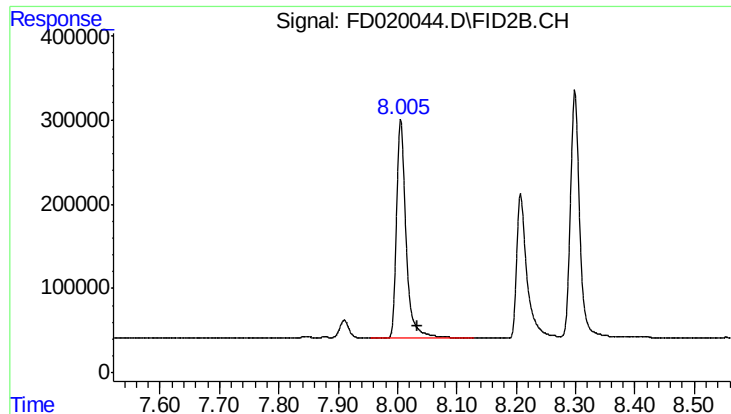
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.029 min
Response: 2849986
Conc: 31.04 ug/ml



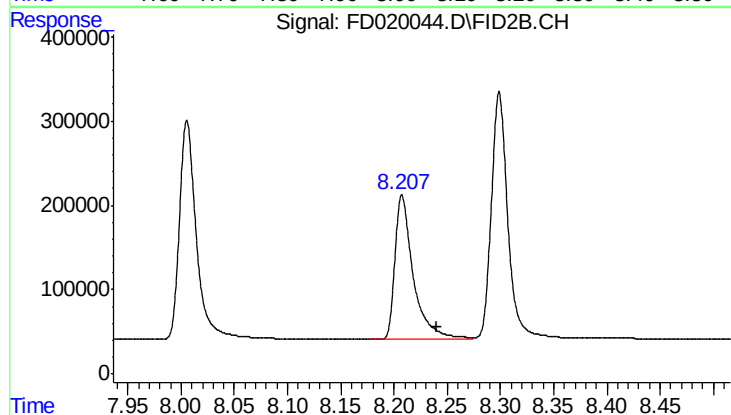
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: -0.028 min
Response: 3167818
Conc: 39.15 ug/ml



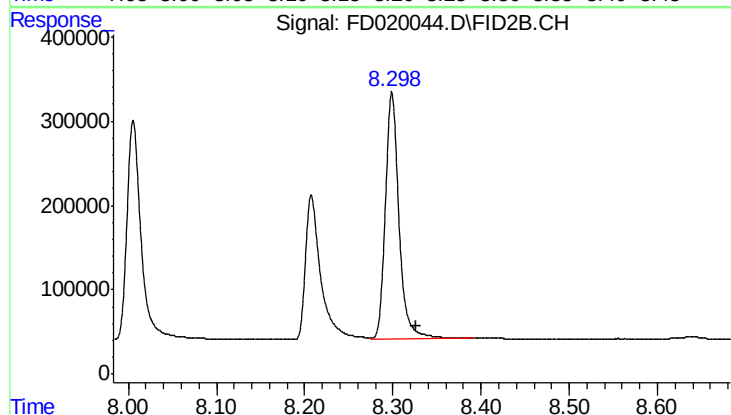
#5 Acenaphthylene (C15.06)

R.T.: 8.006 min
Delta R.T.: -0.028 min
Response: 2889181
Conc: 30.47 ug/ml



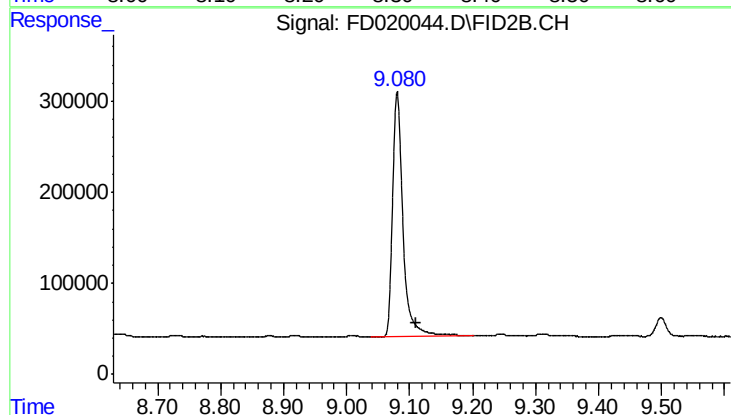
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.209 min
Delta R.T.: -0.031 min
Response: 2048057
Conc: 37.44 ug/ml



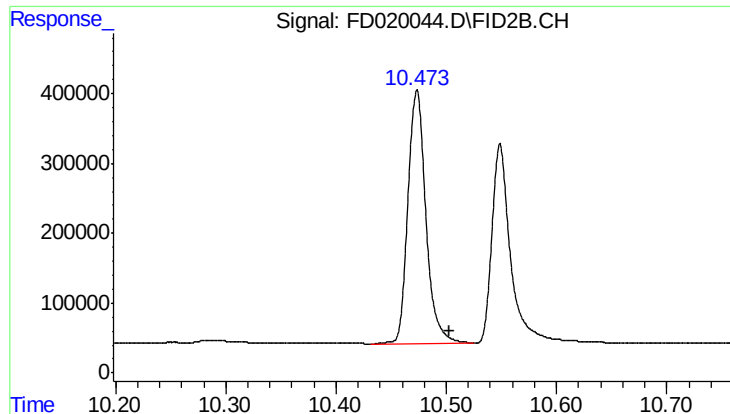
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: -0.027 min
Response: 3134629
Conc: 32.13 ug/ml



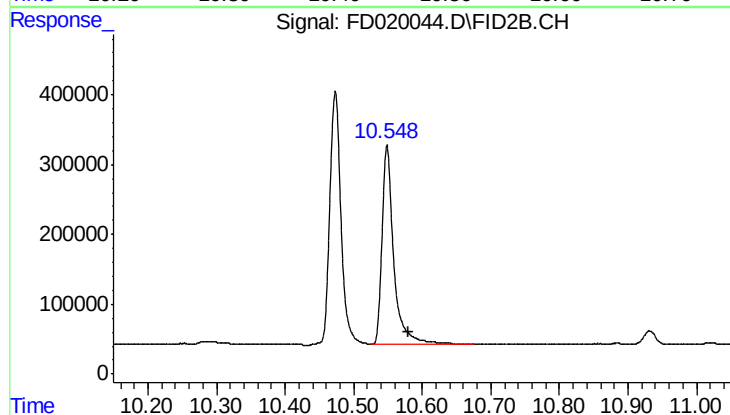
#8 Fluorene (C16.55)

R.T.: 9.081 min
Delta R.T.: -0.029 min
Response: 3088840
Conc: 32.50 ug/ml



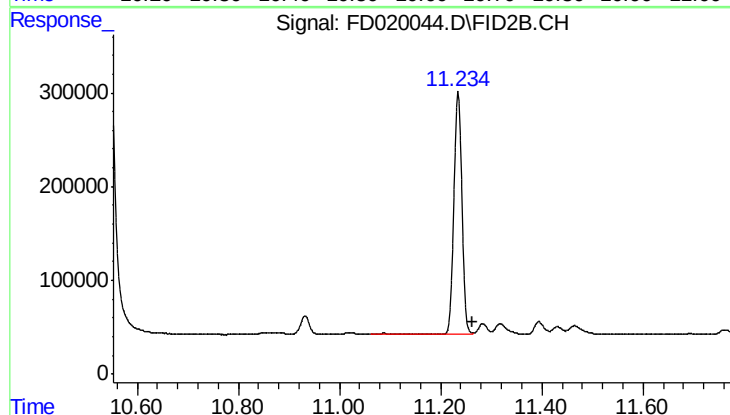
#9 Phenanthrene (C19.36)

R.T.: 10.473 min
Delta R.T.: -0.029 min
Response: 4110179
Conc: 41.34 ug/ml



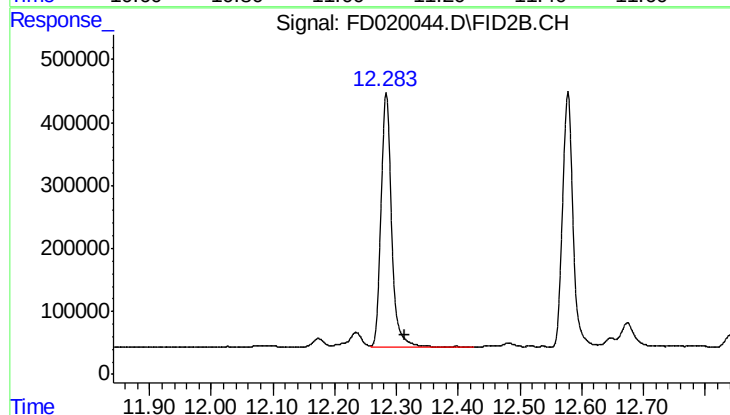
#10 Anthracene (C19.43)

R.T.: 10.549 min
Delta R.T.: -0.031 min
Response: 3383276
Conc: 34.79 ug/ml



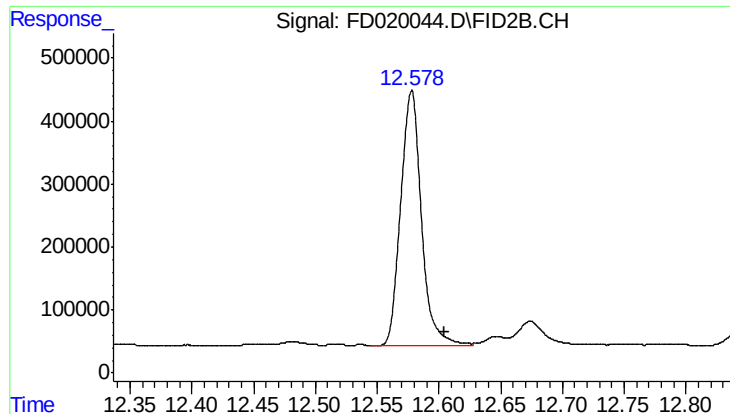
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.029 min
Response: 2881880
Conc: 29.13 ug/ml



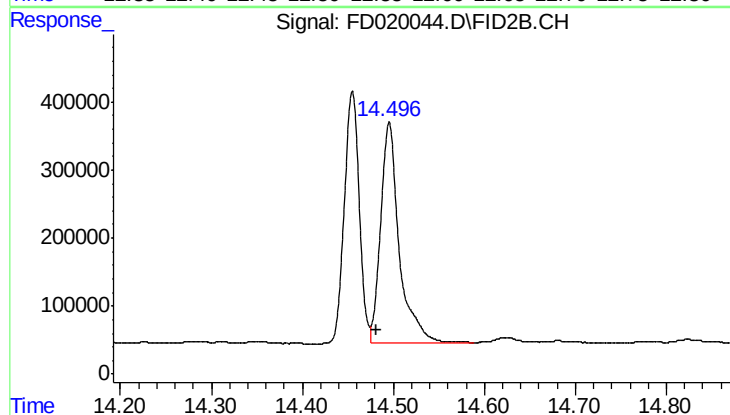
#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: -0.029 min
Response: 4838448
Conc: 45.64 ug/ml



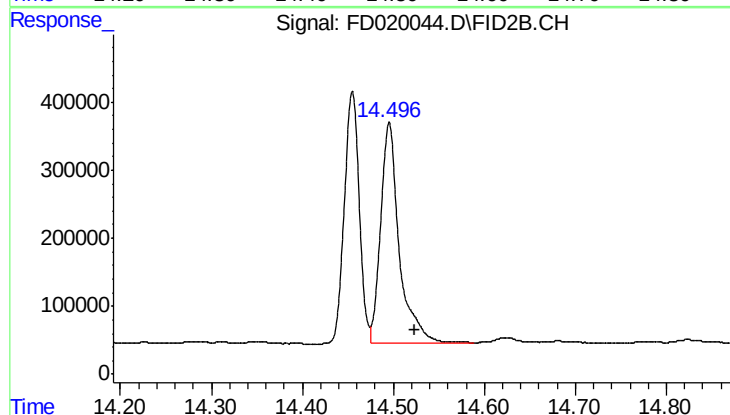
#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.026 min
Response: 4701504
Conc: 44.38 ug/ml



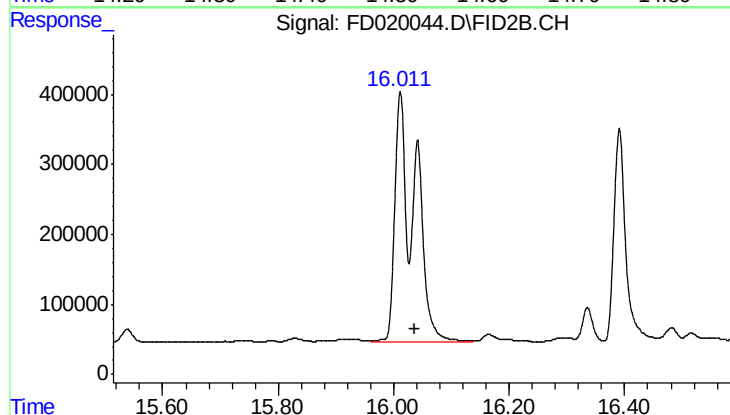
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.495 min
Delta R.T.: 0.014 min
Response: 4606101
Conc: 44.01 ug/ml



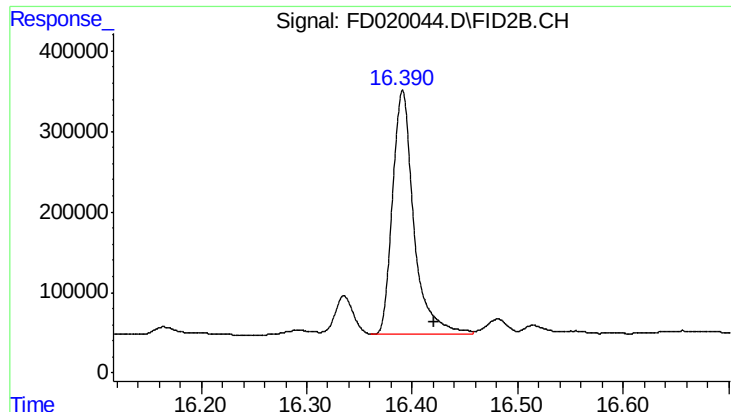
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: -0.029 min
Response: 4606101
Conc: 42.62 ug/ml



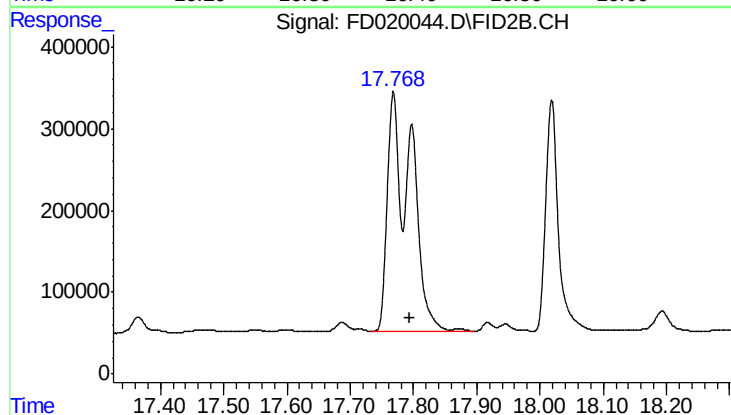
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.012 min
Delta R.T.: -0.025 min
Response: 8372687
Conc: 77.82 ug/ml



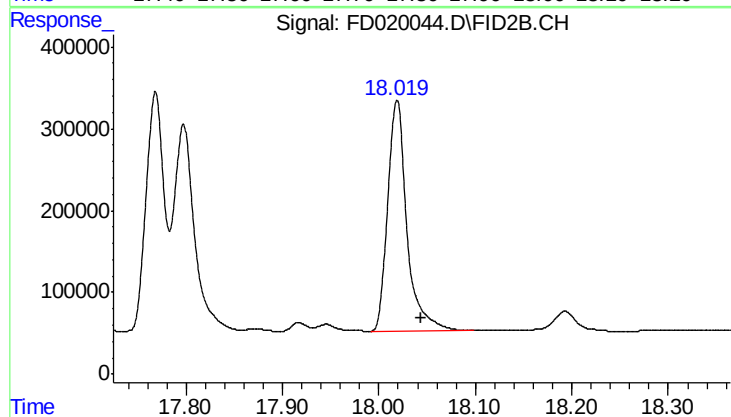
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: -0.030 min
Response: 4264637
Conc: 39.12 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.025 min
Response: 7488494
Conc: 75.70 ug/ml



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

R.T.: 18.019 min
Delta R.T.: -0.025 min
Response: 3905569
Conc: 37.42 ug/ml