

Data Path : P:\HPCHEM1\FID D\Data\FD031518AR\
 Data File : FD022535.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2018 17:32
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 03:54:33 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	1755042	20.949 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
6) S 2-Fluorobiphenyl (SURR)	8.186	1113443	22.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.05%
11) S ortho-Terphenyl (SURR)	11.209	2148265	22.637 ug/ml
Spiked Amount 50.000		Recovery =	45.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.133	1924916	21.798 ug/ml
2) T Naphthalene (C11.7)	5.665	1893550	21.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.715	1883772	20.742 ug/ml
5) T Acenaphthylene (C15.06)	7.981	2039150	21.292 ug/ml
7) T Acenaphthene (C15.5)	8.273	2153651	21.024 ug/ml
8) T Fluorene (C16.55)	9.056	2070112	22.078 ug/ml
9) T Phenanthrene (C19.36)	10.449	2156995	23.151 ug/ml
10) T Anthracene (C19.43)	10.525	2174969	22.936 ug/ml
12) T Fluoranthene (C21.85)	12.259	2299647	22.926 ug/ml
13) T Pyrene (C20.8)	12.553	2288832	22.529 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.433	2131064	22.100 ug/mlm
15) T Chrysene (C27.41)	14.473	2308941	21.393 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.991	2187181	21.756 ug/mlm
17) T Bnezo[<i>k</i>]fluoranthene ...	16.020	2419341	21.321 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.373	2118010	20.154 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.754	1272819	13.360 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.779	2589144	22.784 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.004	1597172	15.378 ug/ml

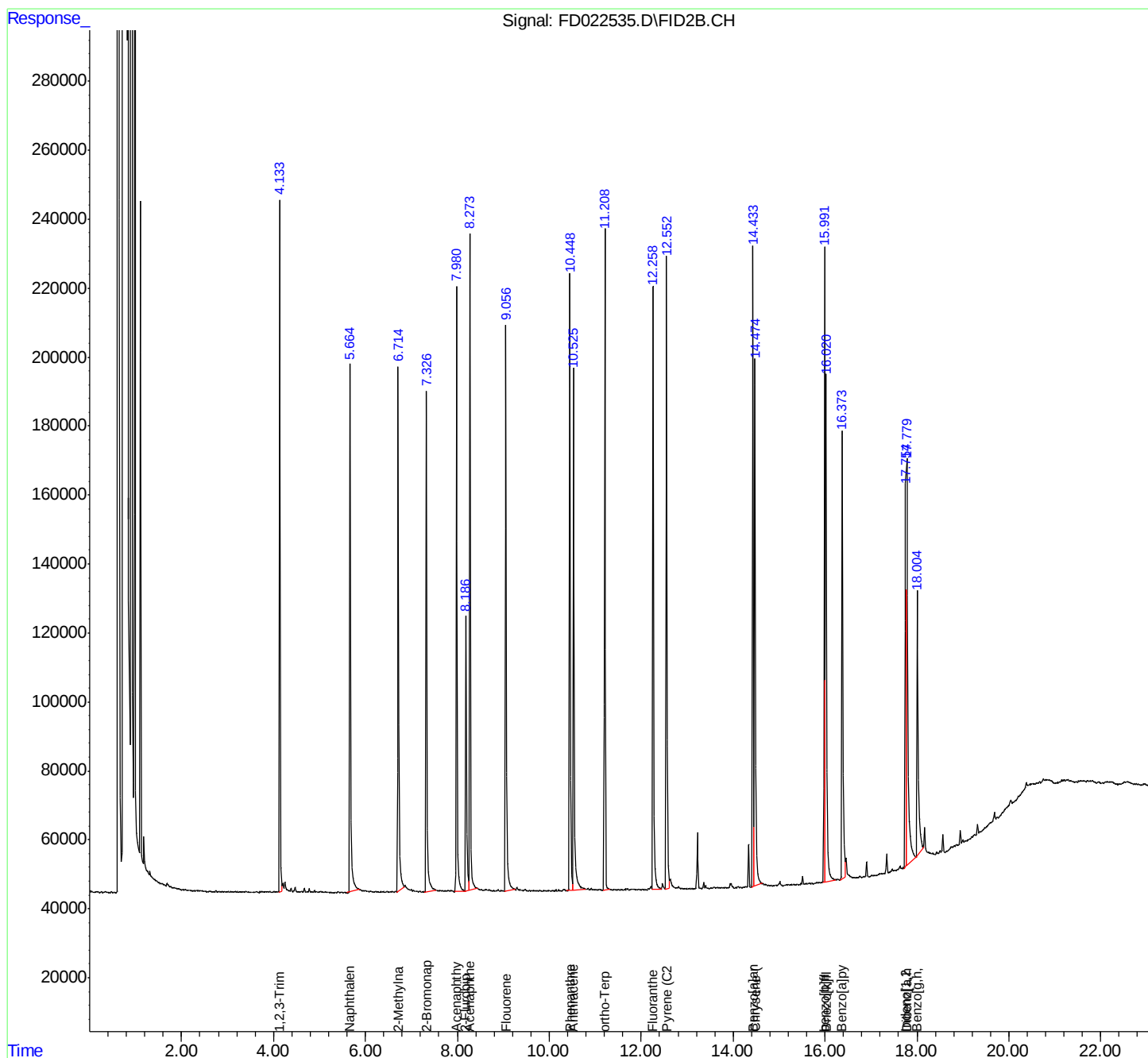
(f)=RT Delta > 1/2 Window

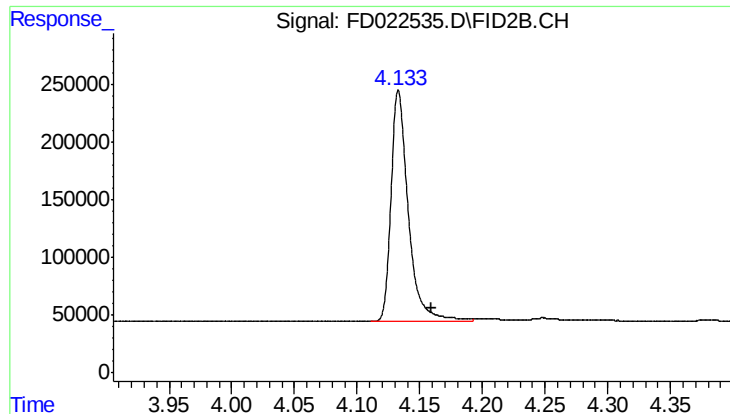
(m)=manual int.

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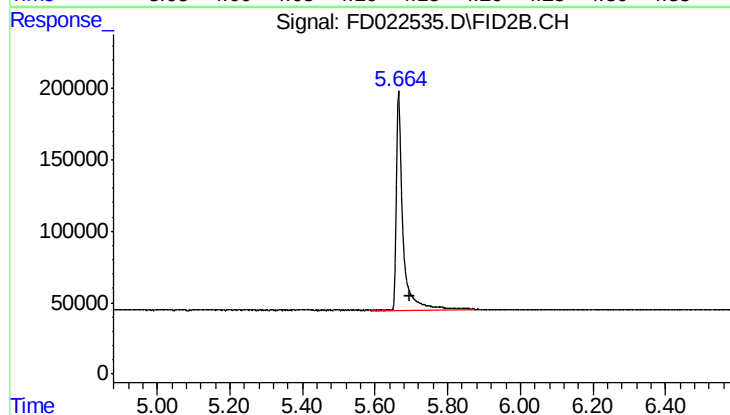
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Signal Info : 20M x 0.18mm x 0.18µm





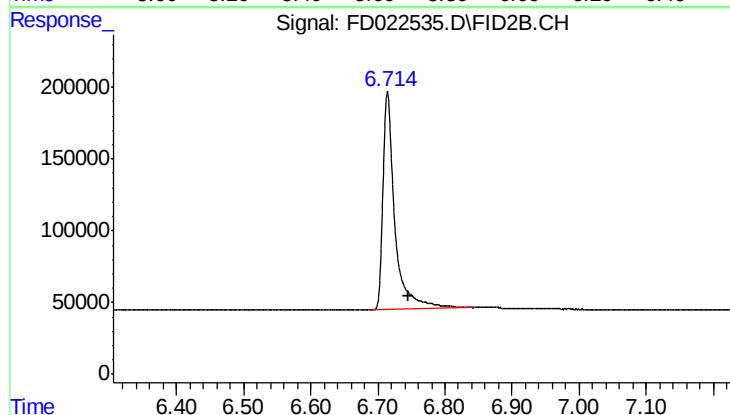
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.133 min
Delta R.T.: -0.027 min
Response: 1924916
Conc: 21.80 ug/ml



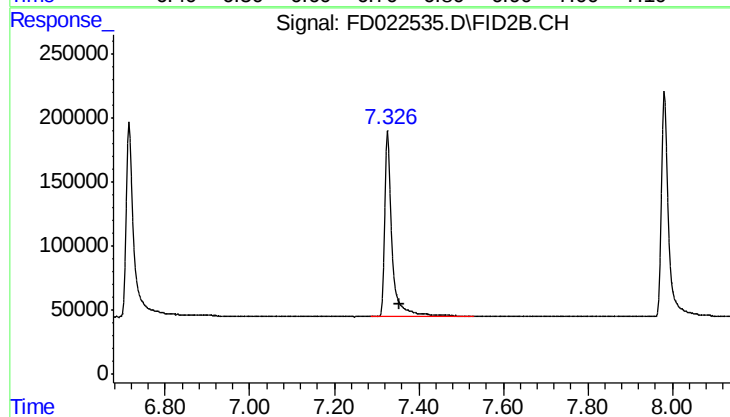
#2 Naphthalene (C11.7)

R.T.: 5.665 min
Delta R.T.: -0.031 min
Response: 1893550
Conc: 21.17 ug/ml



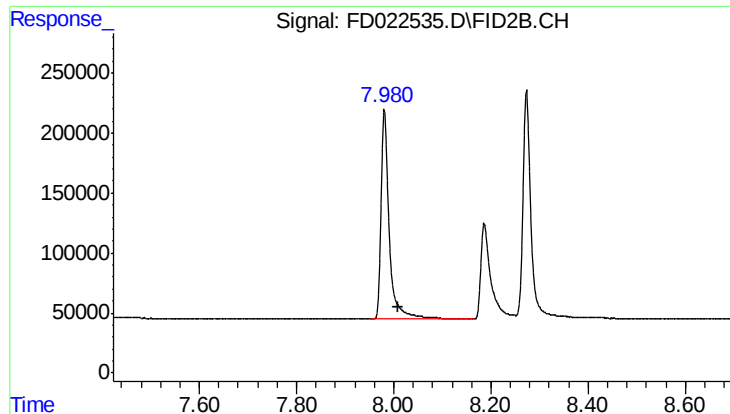
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.715 min
Delta R.T.: -0.031 min
Response: 1883772
Conc: 20.74 ug/ml



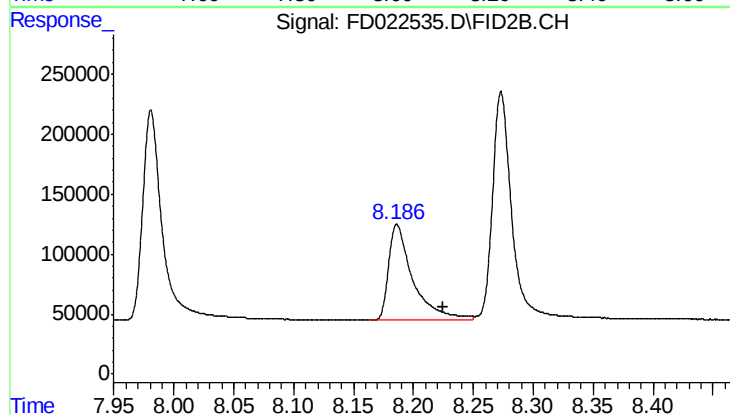
#4 2-Bromonaphthalene (SURR)

R.T.: 7.326 min
Delta R.T.: -0.029 min
Response: 1755042
Conc: 20.95 ug/ml



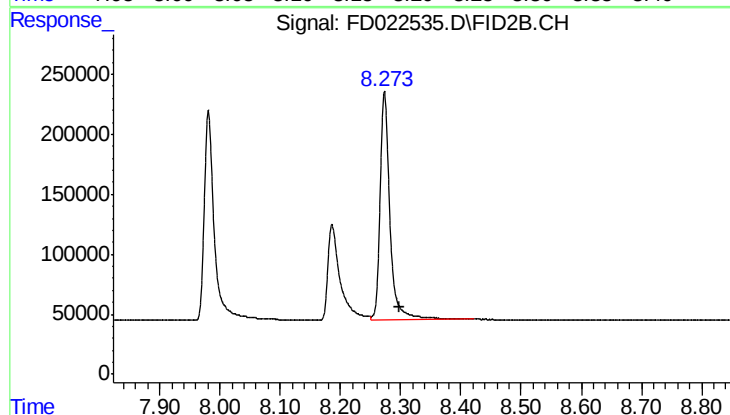
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.028 min
Response: 2039150
Conc: 21.29 ug/ml



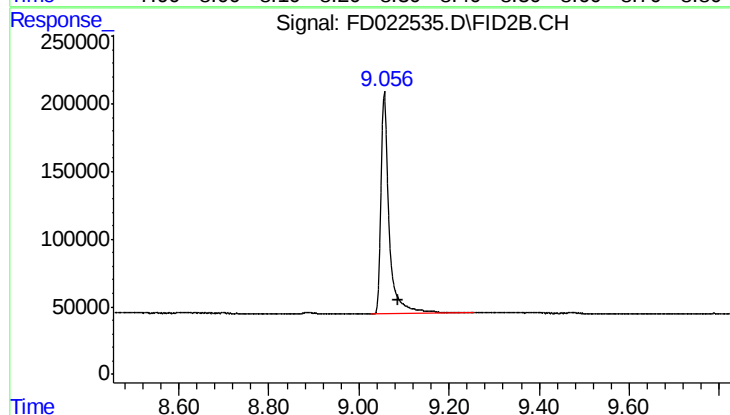
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.186 min
Delta R.T.: -0.038 min
Response: 1113443
Conc: 22.02 ug/ml



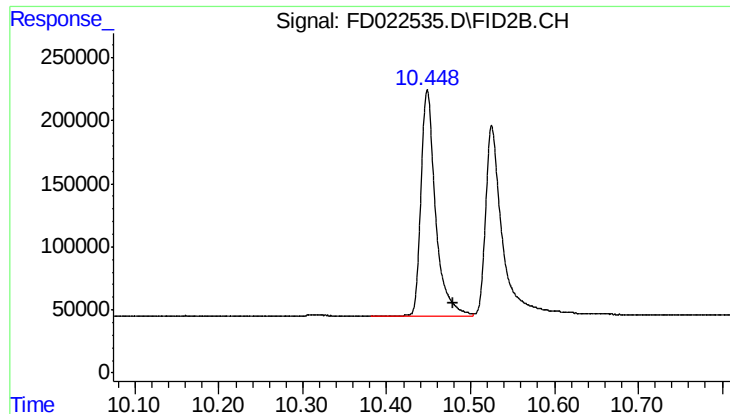
#7 Acenaphthene (C15.5)

R.T.: 8.273 min
Delta R.T.: -0.026 min
Response: 2153651
Conc: 21.02 ug/ml



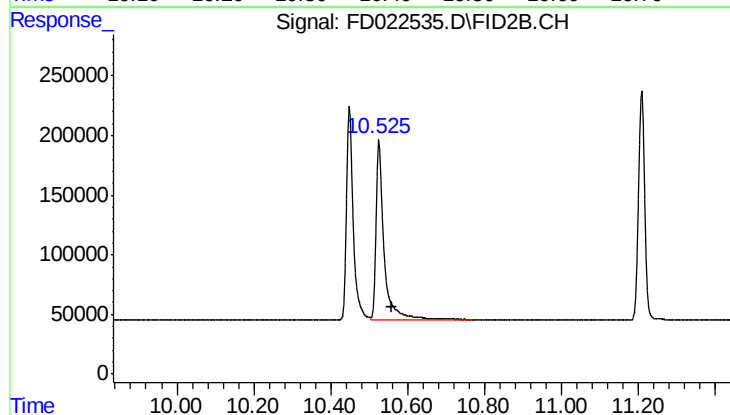
#8 Fluorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.030 min
Response: 2070112
Conc: 22.08 ug/ml



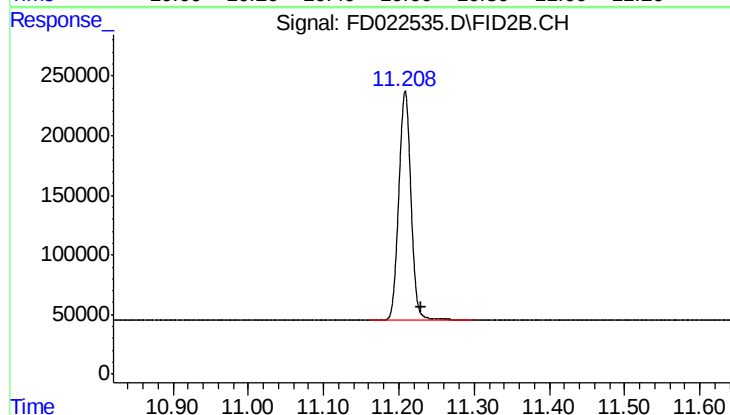
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.031 min
Response: 2156995
Conc: 23.15 ug/ml



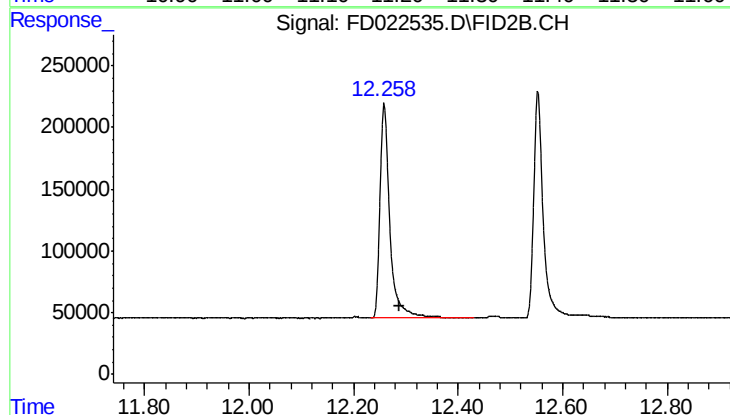
#10 Anthracene (C19.43)

R.T.: 10.525 min
Delta R.T.: -0.034 min
Response: 2174969
Conc: 22.94 ug/ml



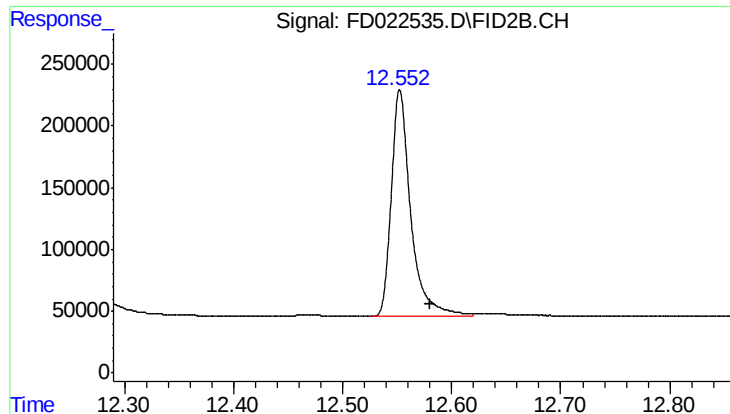
#11 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: -0.022 min
Response: 2148265
Conc: 22.64 ug/ml



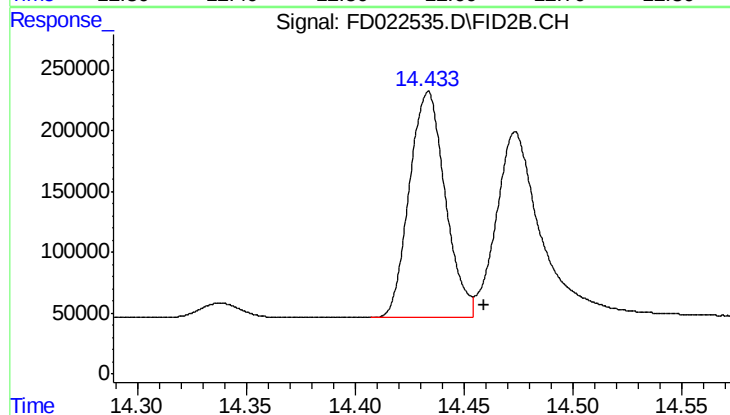
#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.029 min
Response: 2299647
Conc: 22.93 ug/ml



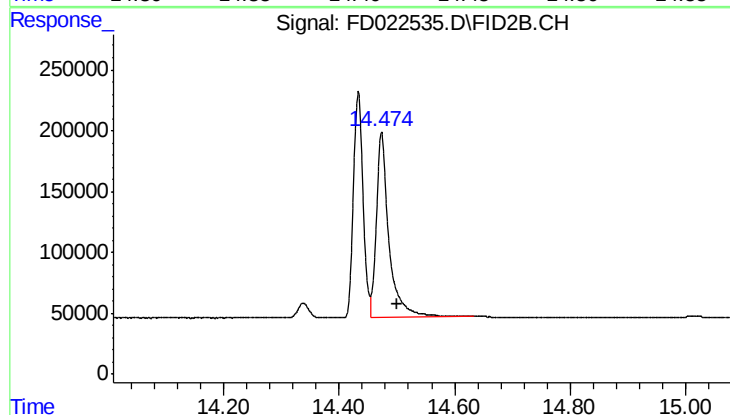
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: -0.028 min
Response: 2288832
Conc: 22.53 ug/ml



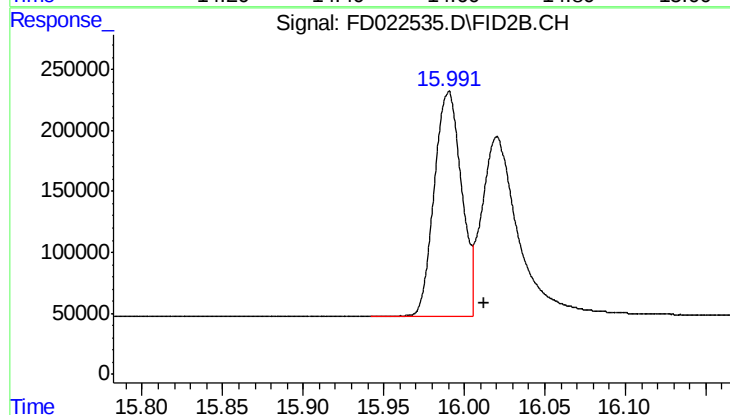
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: -0.026 min
Response: 2131064
Conc: 22.10 ug/ml m



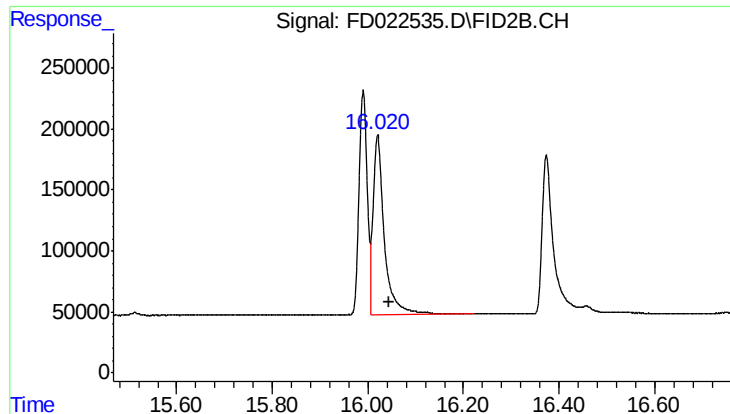
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: -0.027 min
Response: 2308941
Conc: 21.39 ug/ml



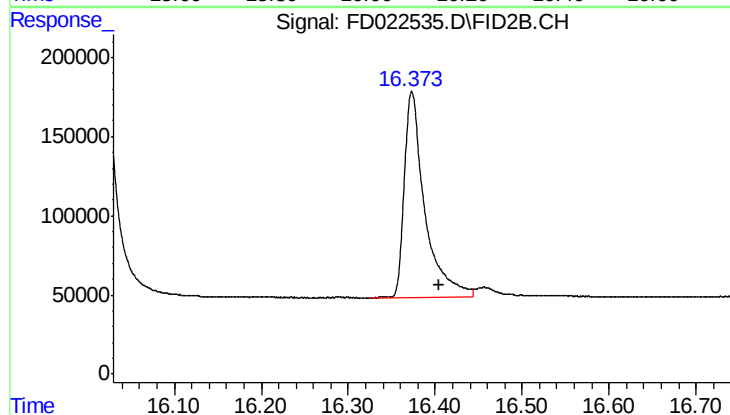
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.991 min
Delta R.T.: -0.022 min
Response: 2187181
Conc: 21.76 ug/ml m



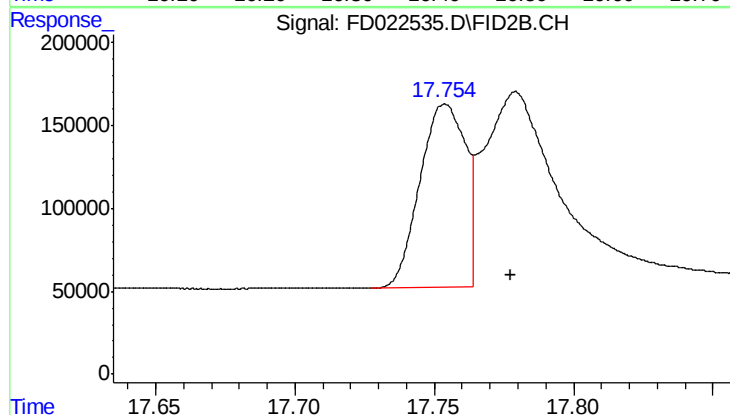
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.020 min
Delta R.T.: -0.025 min
Response: 2419341
Conc: 21.32 ug/ml



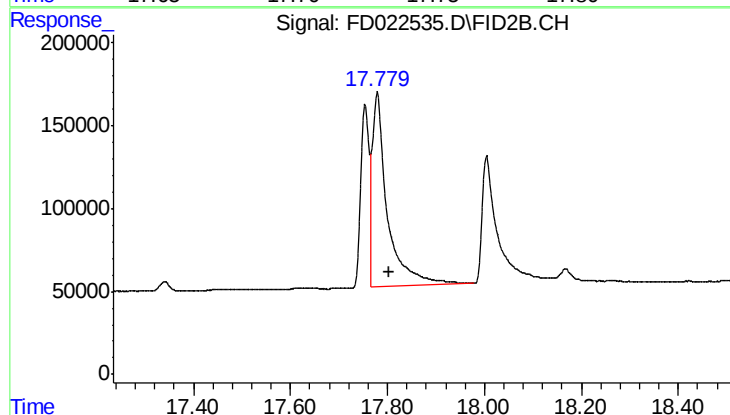
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.031 min
Response: 2118010
Conc: 20.15 ug/ml



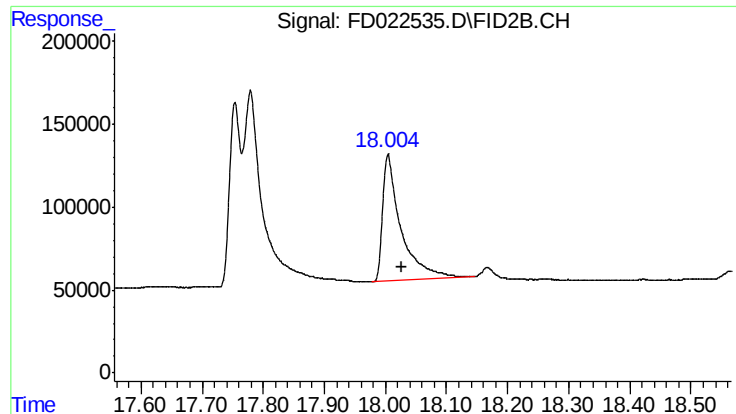
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: -0.024 min
Response: 1272819
Conc: 13.36 ug/ml m



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

R.T.: 17.779 min
Delta R.T.: -0.025 min
Response: 2589144
Conc: 22.78 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.023 min
Response: 1597172
Conc: 15.38 ug/ml