

Data Path : P:\HPCHEM1\FID D\Data\FD022218AR\
 Data File : FD020116.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2018 12:18
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 01:29:41 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...	7.346	1918990	22.906 ug/ml
Spiked Amount 50.000		Recovery =	45.81%
6) S 2-Fluorobiphenyl (SURR)	8.207	1194041	23.618 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.24%
11) S ortho-Terphenyl (SURR)	11.227	2188032	23.056 ug/ml
Spiked Amount 50.000		Recovery =	46.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	1977812	22.397 ug/ml
2) T Naphthalene (C11.7)	5.685	2047724	22.892 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	2112895	23.265 ug/mlm
5) T Acenaphthylene (C15.06)	8.001	2182537	22.790 ug/ml
7) T Acenaphthene (C15.5)	8.293	2332220	22.767 ug/ml
8) T Fluorene (C16.55)	9.076	2174292	23.189 ug/ml
9) T Phenanthrene (C19.36)	10.467	2189991	23.505 ug/ml
10) T Anthracene (C19.43)	10.545	2223120	23.444 ug/ml
12) T Fluoranthene (C21.85)	12.275	2314028	23.070 ug/ml
13) T Pyrene (C20.8)	12.569	2306610	22.704 ug/ml
14) T Benzo[alanthracene (C...	14.445	2199059	22.805 ug/ml
15) T Chrysene (C27.41)	14.488	2412889	22.356 ug/ml
16) T benzo[b]fluoranthene ...	15.999	2306266	22.941 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	2540455	22.388 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.382	2248786	21.398 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.756	2145691	22.521 ug/mlm
20) T Dibenz[a,h]anthracene...	17.787	2597655	22.859 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.006	2322084	22.357 ug/ml

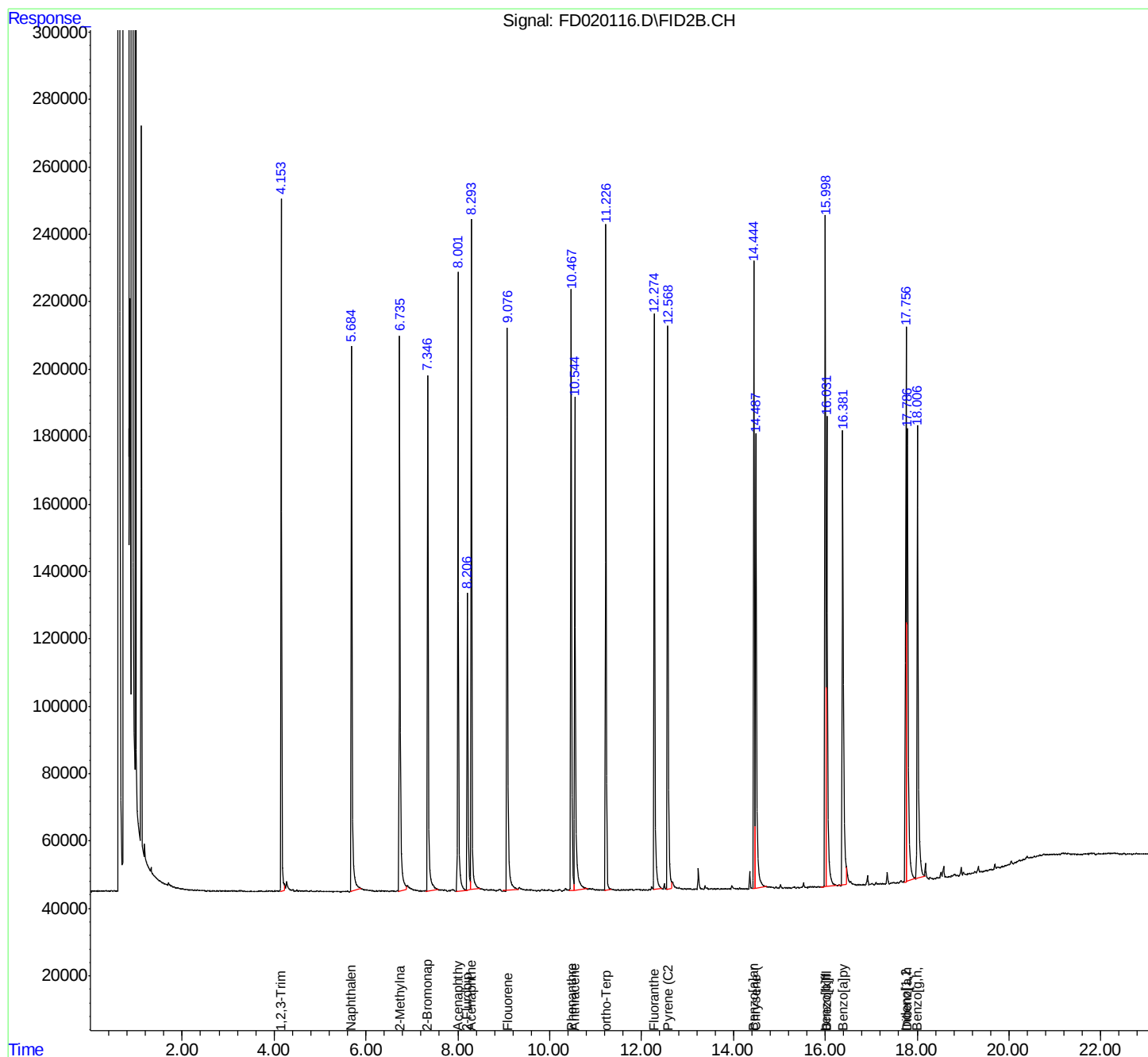
(f)=RT Delta > 1/2 Window

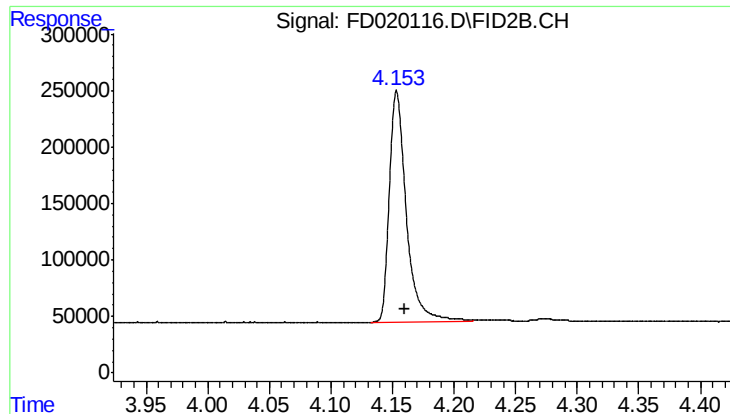
(m)=manual int.

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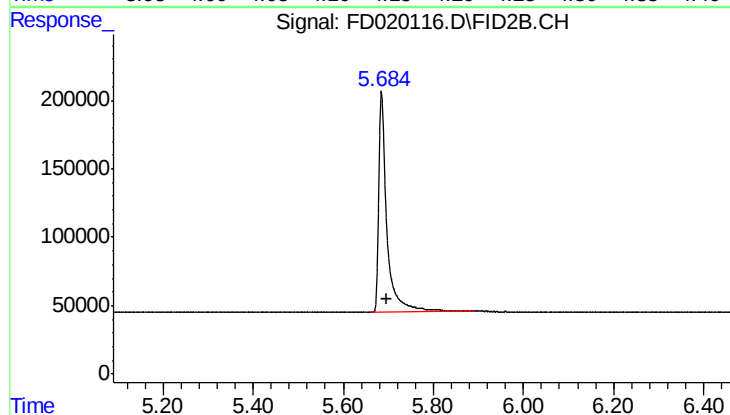
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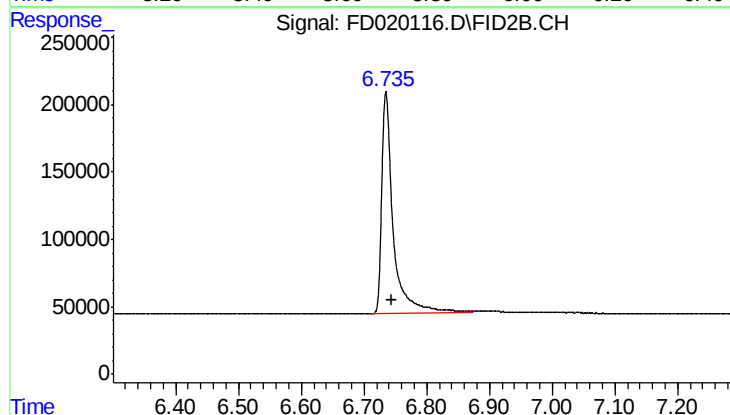
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.006 min
Response: 1977812
Conc: 22.40 ug/ml



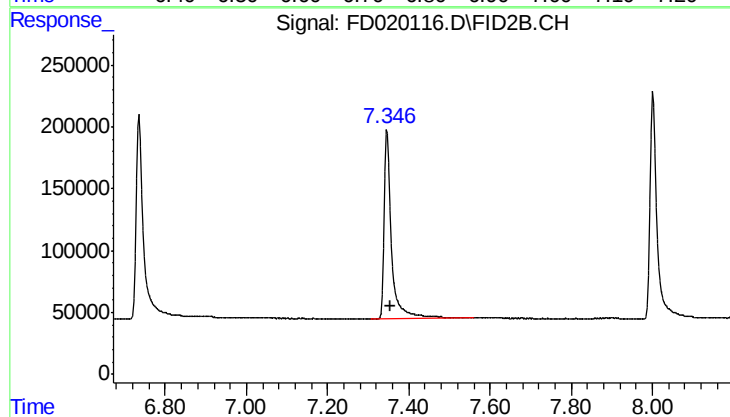
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: -0.011 min
Response: 2047724
Conc: 22.89 ug/ml



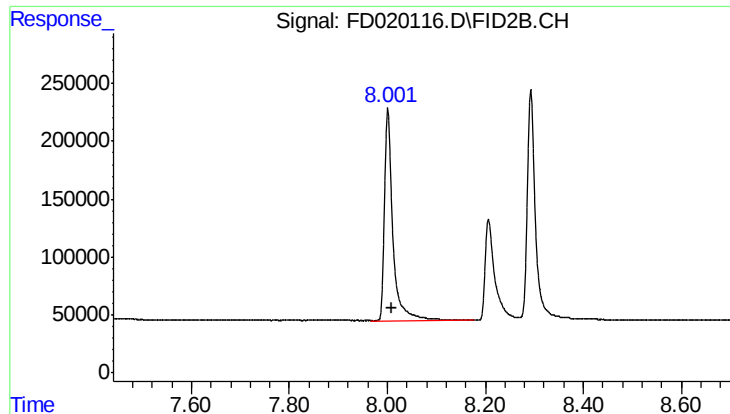
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.011 min
Response: 2112895
Conc: 23.26 ug/ml m



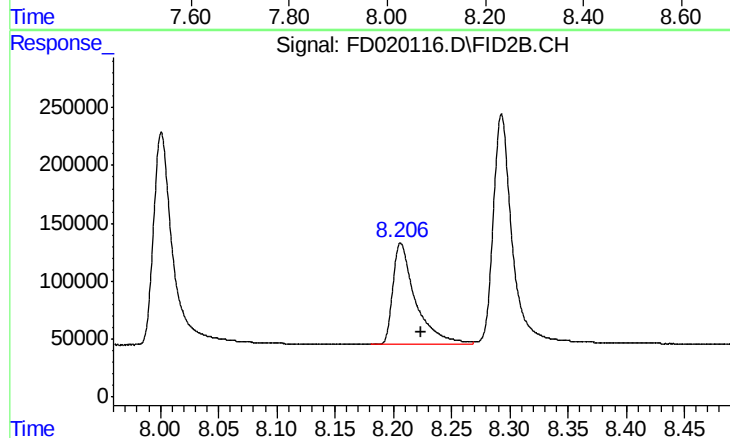
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.009 min
Response: 1918990
Conc: 22.91 ug/ml



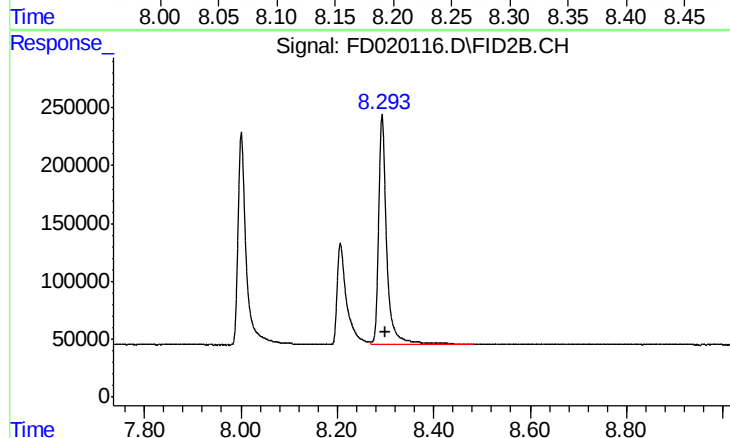
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.008 min
Response: 2182537
Conc: 22.79 ug/ml



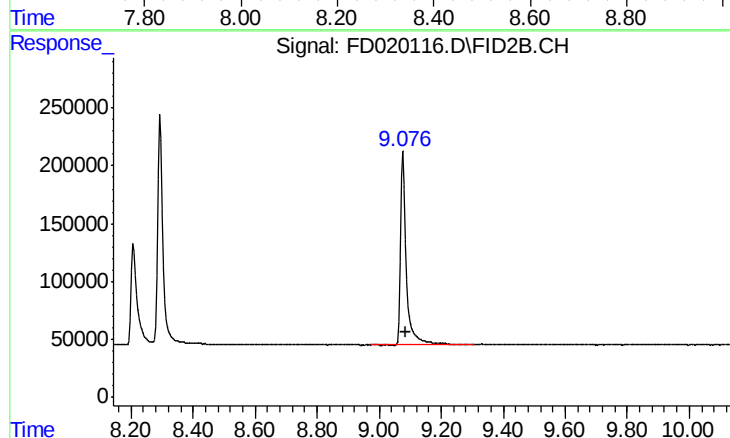
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.207 min
Delta R.T.: -0.018 min
Response: 1194041
Conc: 23.62 ug/ml



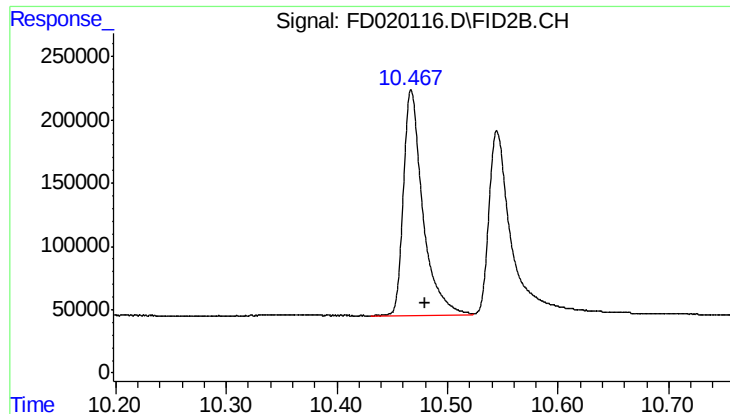
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.006 min
Response: 2332220
Conc: 22.77 ug/ml



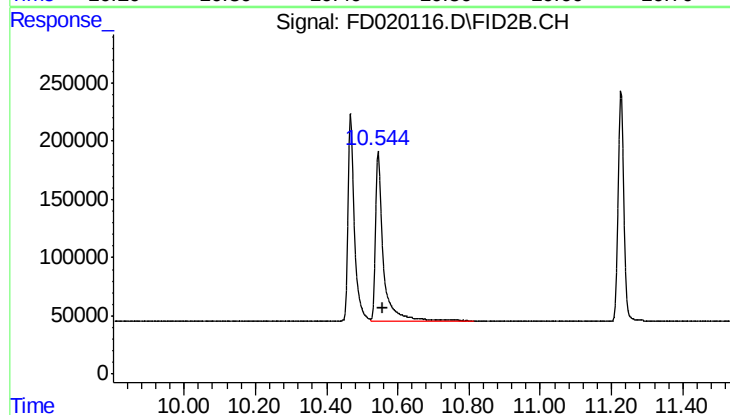
#8 Fluorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.010 min
Response: 2174292
Conc: 23.19 ug/ml



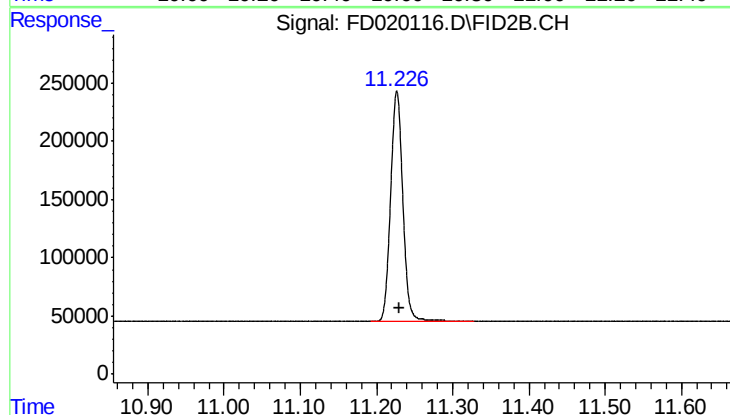
#9 Phenanthrene (C19.36)

R.T.: 10.467 min
Delta R.T.: -0.013 min
Response: 2189991
Conc: 23.50 ug/ml



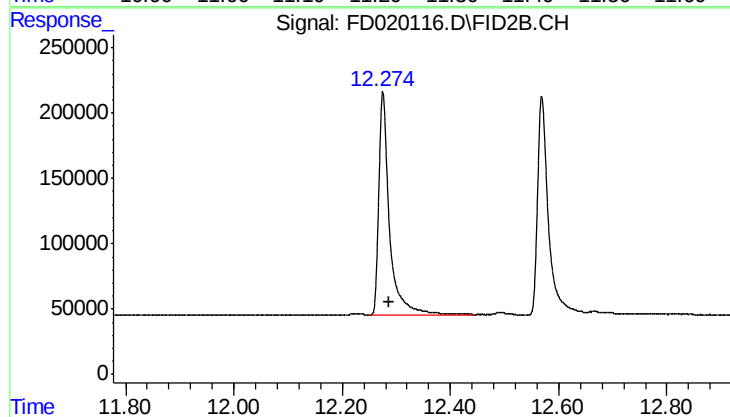
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.014 min
Response: 2223120
Conc: 23.44 ug/ml



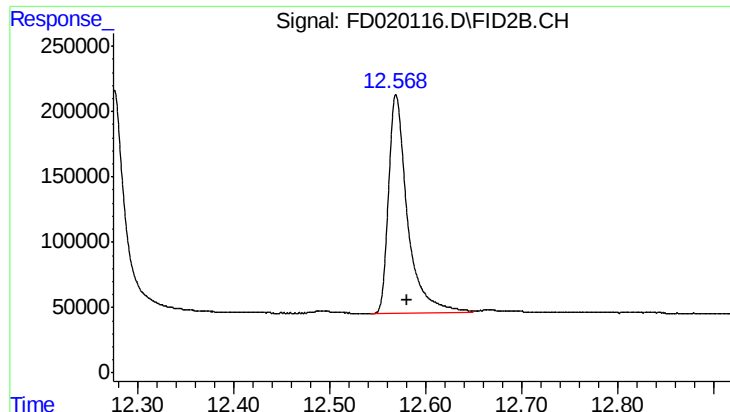
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.004 min
Response: 2188032
Conc: 23.06 ug/ml



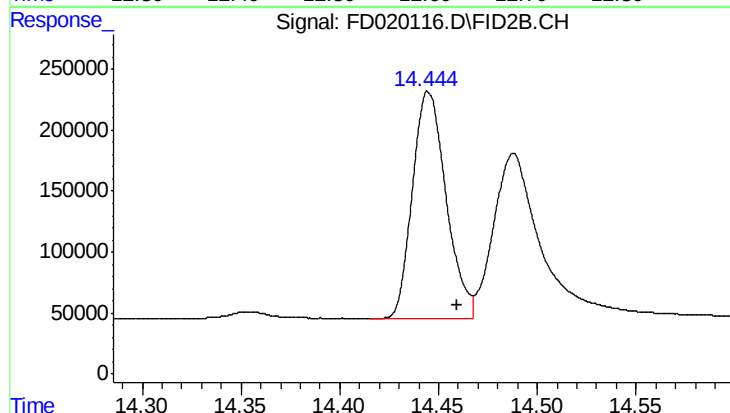
#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: -0.013 min
Response: 2314028
Conc: 23.07 ug/ml



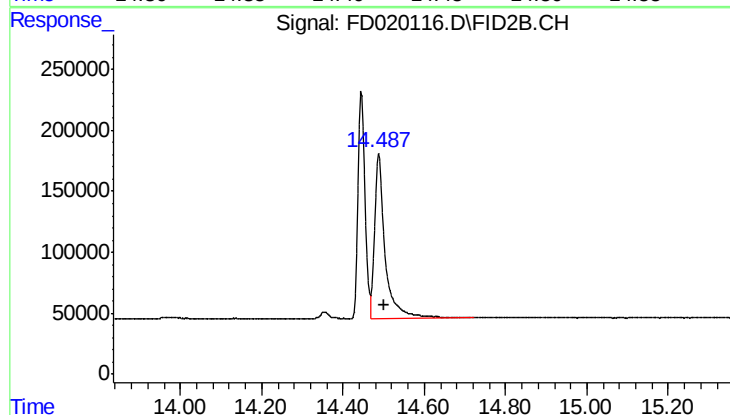
#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: -0.011 min
Response: 2306610
Conc: 22.70 ug/ml



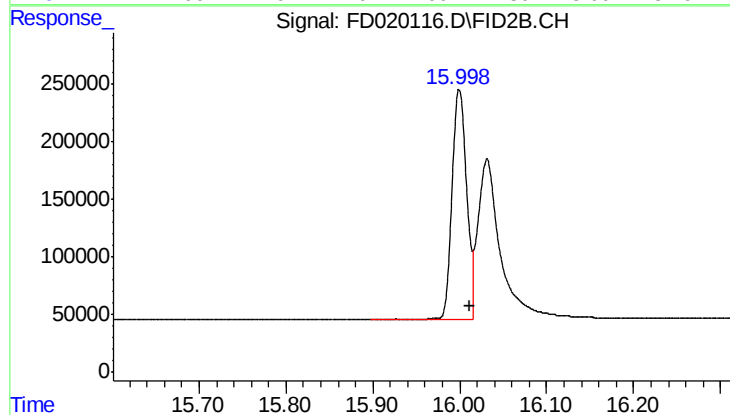
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: -0.014 min
Response: 2199059
Conc: 22.80 ug/ml



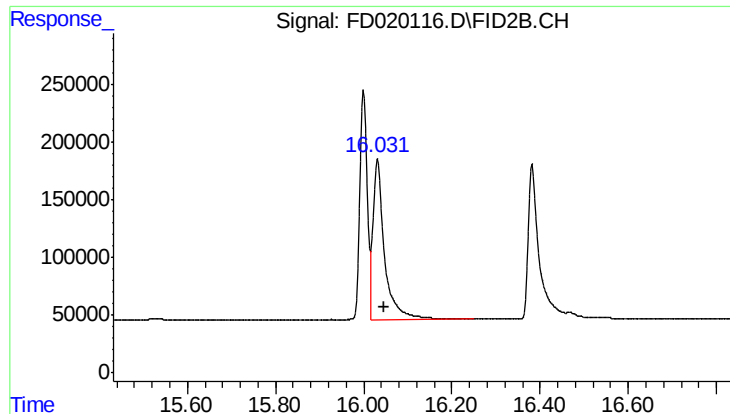
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: -0.012 min
Response: 2412889
Conc: 22.36 ug/ml



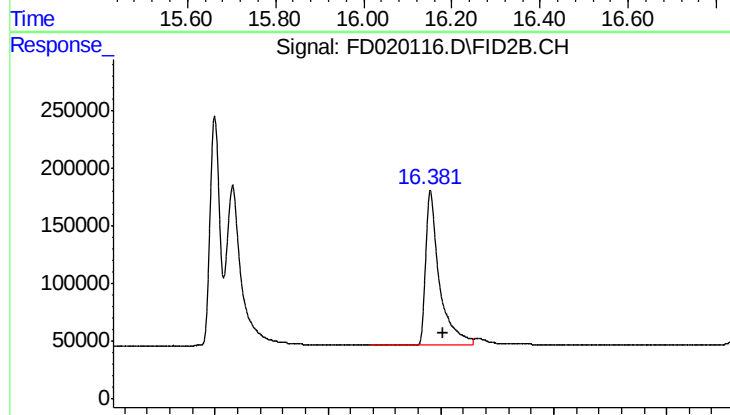
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.999 min
Delta R.T.: -0.013 min
Response: 2306266
Conc: 22.94 ug/ml



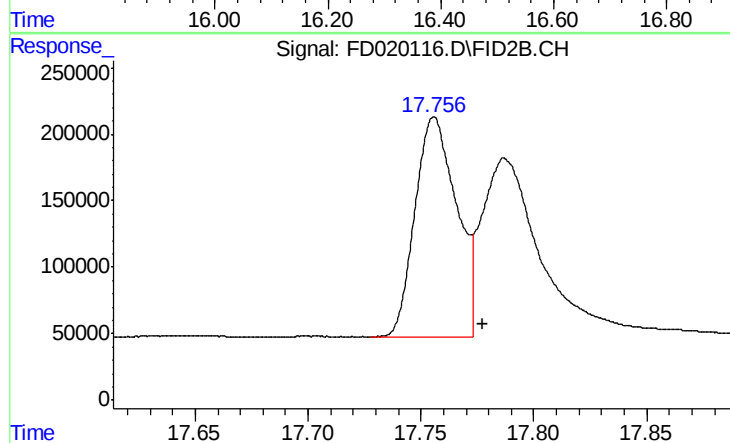
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.031 min
Delta R.T.: -0.014 min
Response: 2540455
Conc: 22.39 ug/ml



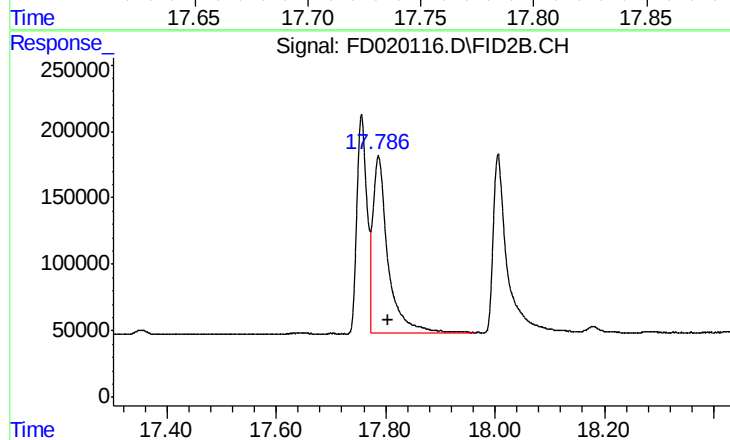
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.382 min
Delta R.T.: -0.023 min
Response: 2248786
Conc: 21.40 ug/ml



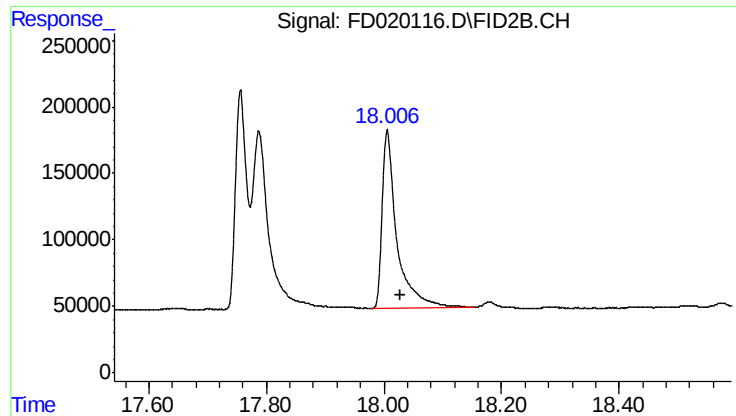
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min
Delta R.T.: -0.021 min
Response: 2145691
Conc: 22.52 ug/ml m



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

R.T.: 17.787 min
Delta R.T.: -0.017 min
Response: 2597655
Conc: 22.86 ug/ml



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

R.T.: 18.006 min
Delta R.T.: -0.022 min
Response: 2322084
Conc: 22.36 ug/ml