

Data Path : P:\HPCHEM1\FID_D\Data\FD022718AR\
 Data File : FD020193.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2018 15:43
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 06:15:09 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...	7.341	1594501	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
6) S 2-Fluorobiphenyl (SURR)	8.200	1020144	20.178 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.36%
11) S ortho-Terphenyl (SURR)	11.227	1875314	19.761 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	1692833	19.169 ug/ml
2) T Naphthalene (C11.7)	5.680	1705164	19.062 ug/ml
3) T 2-Methylnaphthalene (...)	6.730	1716854	18.904 ug/ml
5) T Acenaphthylene (C15.06)	7.997	1821684	19.022 ug/ml
7) T Acenaphthene (C15.5)	8.290	1907127	18.617 ug/ml
8) T Fluorene (C16.55)	9.073	1828337	19.499 ug/ml
9) T Phenanthrene (C19.36)	10.466	1871540	20.087 ug/ml
10) T Anthracene (C19.43)	10.543	1893636	19.969 ug/ml
12) T Fluoranthene (C21.85)	12.276	2008859	20.027 ug/ml
13) T Pyrene (C20.8)	12.571	2018569	19.868 ug/ml
14) T Benzo[a]anthracene (C...	14.449	1945787	20.178 ug/ml
15) T Chrysene (C27.41)	14.490	2055740	19.047 ug/ml
16) T benzo[b]fluoranthene ...	16.007	2002659	19.921 ug/ml
17) T Bnezo[k]fluoranthene ...	16.037	2136535	18.828 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.389	2011898	19.144 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.765	1974880	20.728 ug/mlm
20) T Dibenz[a,h]anthracene...	17.795	2211812	19.464 ug/ml
21) T Benzo[g,h,i]perylene ...	18.016	1981493	19.078 ug/ml

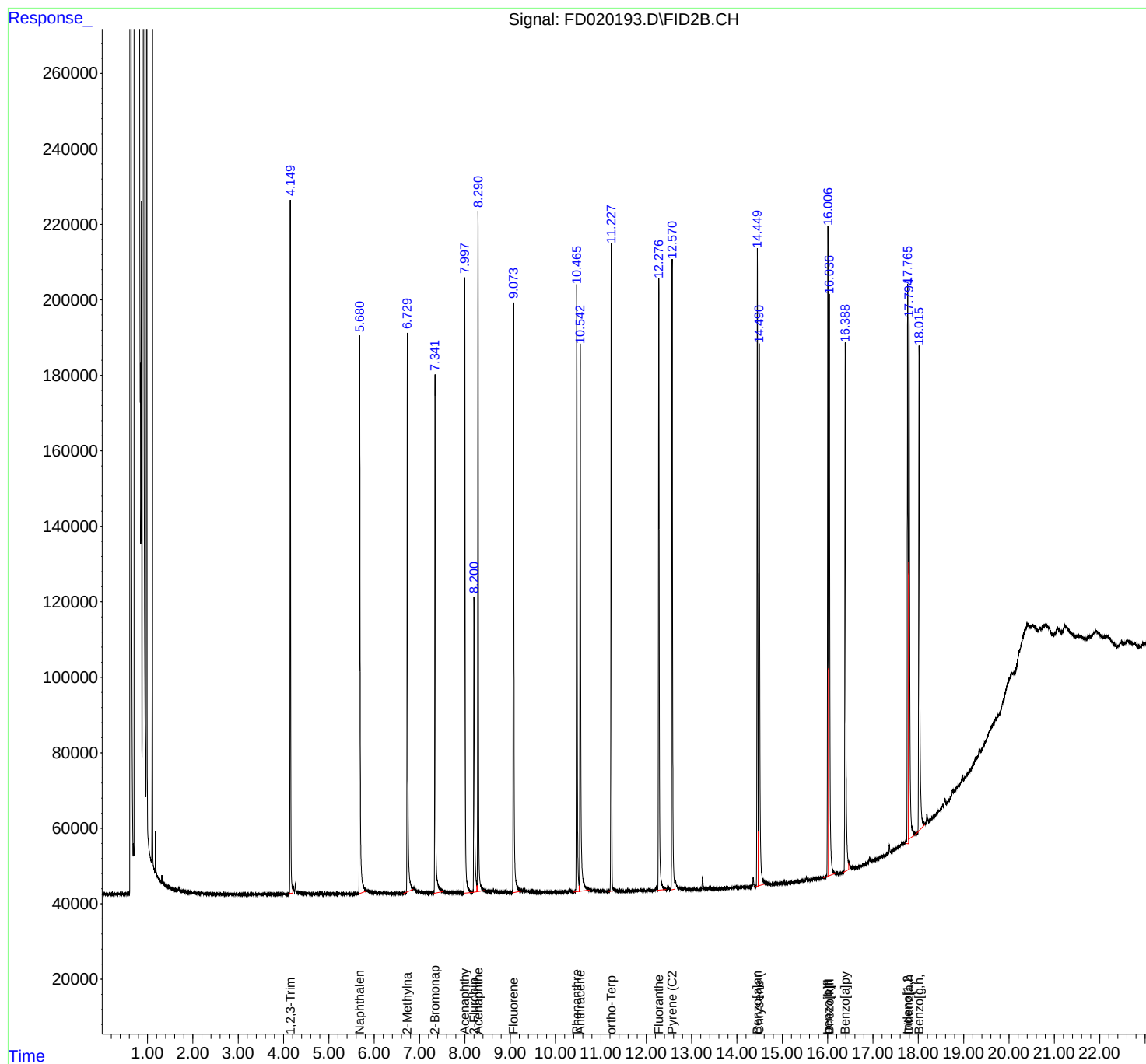
(f)=RT Delta > 1/2 Window

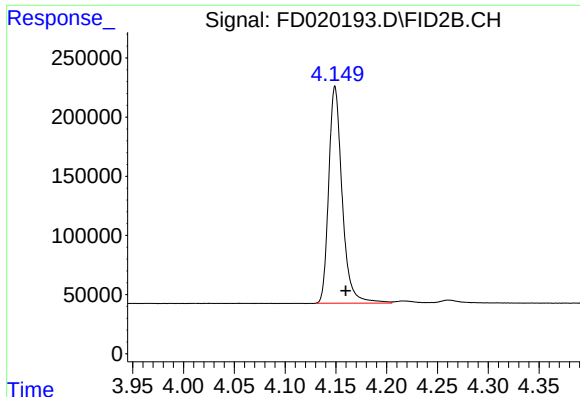
(m)=manual int.

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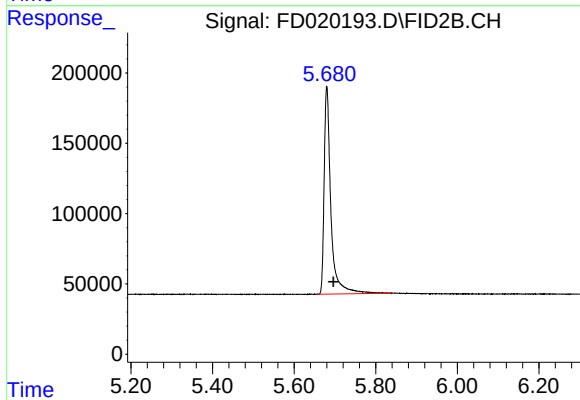
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Signal Info : 20M x 0.18mm x 0.18µm





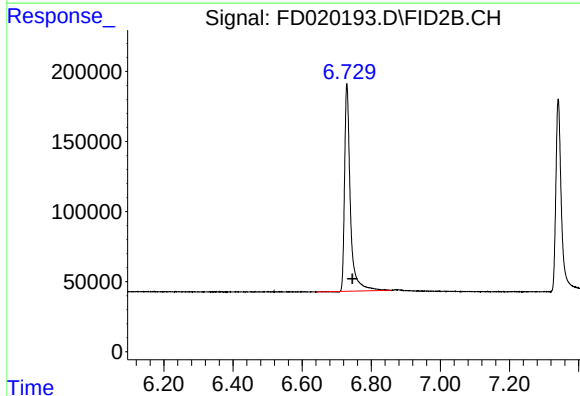
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.010 min
Response: 1692833
Conc: 19.17 ug/ml



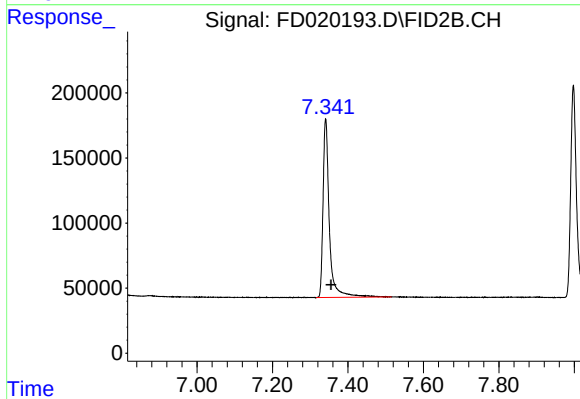
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.016 min
Response: 1705164
Conc: 19.06 ug/ml



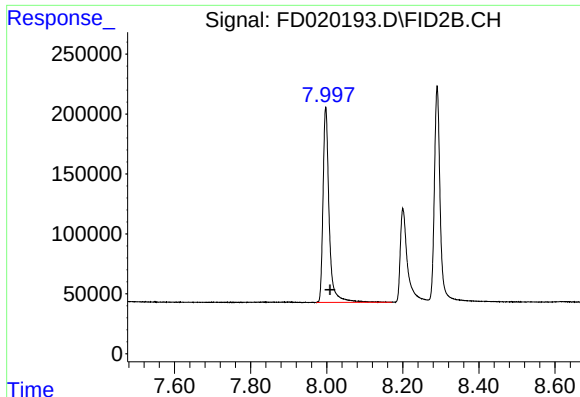
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: -0.016 min
Response: 1716854
Conc: 18.90 ug/ml



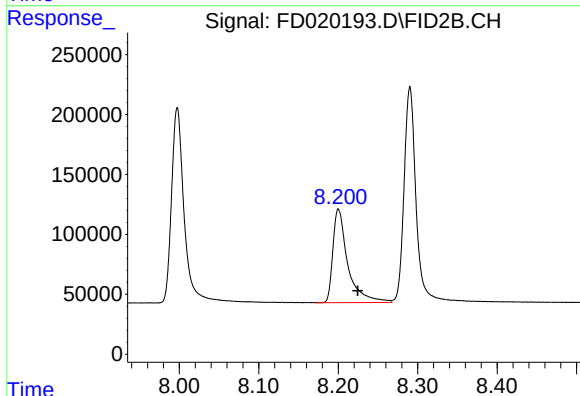
#4 2-Bromonaphthalene (SURR)

R.T.: 7.341 min
Delta R.T.: -0.014 min
Response: 1594501
Conc: 19.03 ug/ml



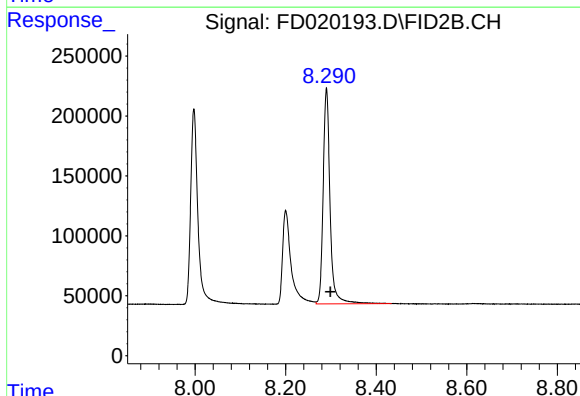
#5 Acenaphthylene (C15.06)

R.T.: 7.997 min
Delta R.T.: -0.011 min
Response: 1821684
Conc: 19.02 ug/ml



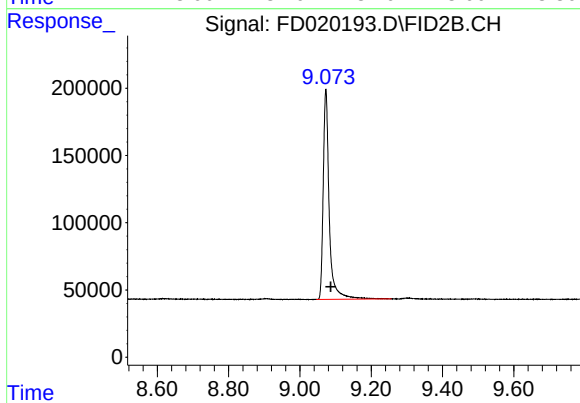
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.024 min
Response: 1020144
Conc: 20.18 ug/ml



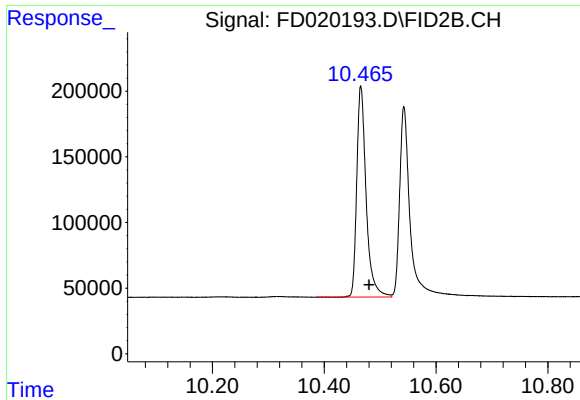
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: -0.008 min
Response: 1907127
Conc: 18.62 ug/ml



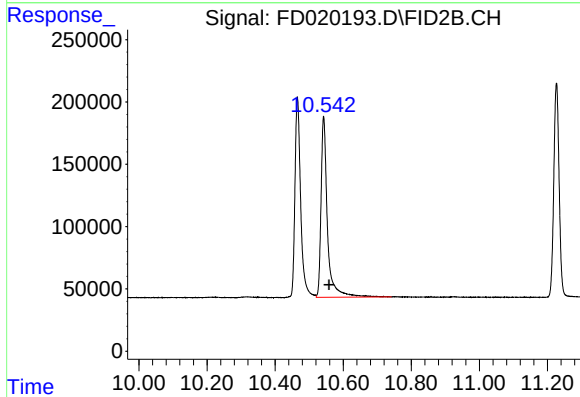
#8 Flouorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.014 min
Response: 1828337
Conc: 19.50 ug/ml



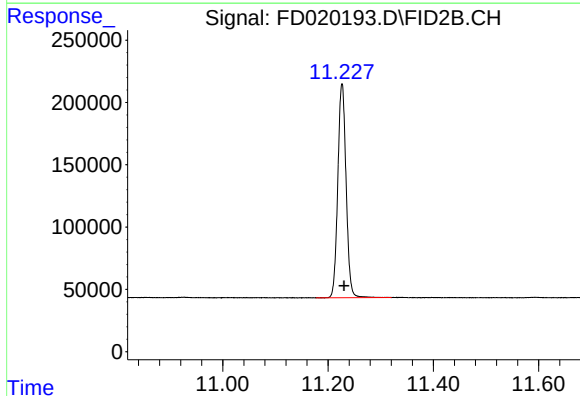
#9 Phenanthrene (C19.36)

R.T.: 10.466 min
Delta R.T.: -0.014 min
Response: 1871540
Conc: 20.09 ug/ml



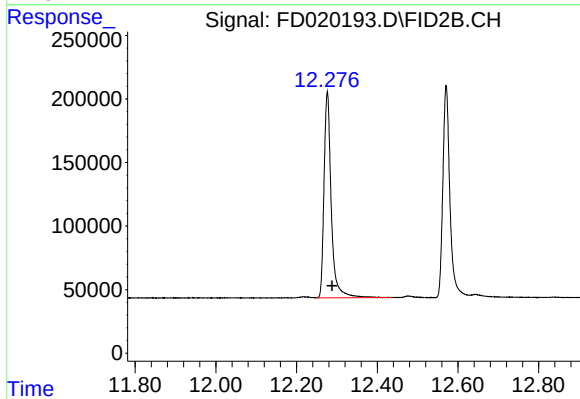
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: -0.017 min
Response: 1893636
Conc: 19.97 ug/ml



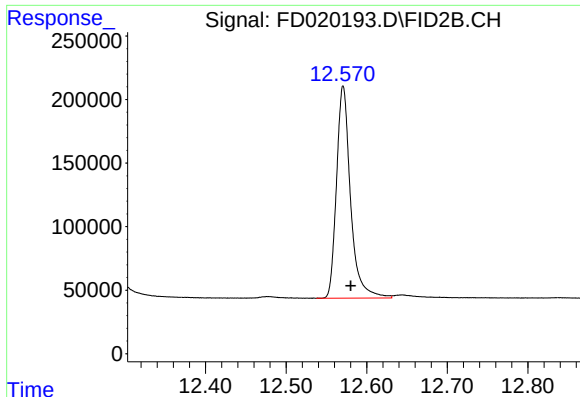
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.004 min
Response: 1875314
Conc: 19.76 ug/ml



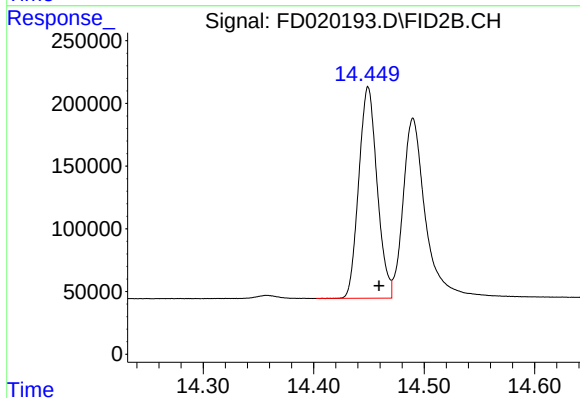
#12 Fluoranthene (C21.85)

R.T.: 12.276 min
Delta R.T.: -0.011 min
Response: 2008859
Conc: 20.03 ug/ml



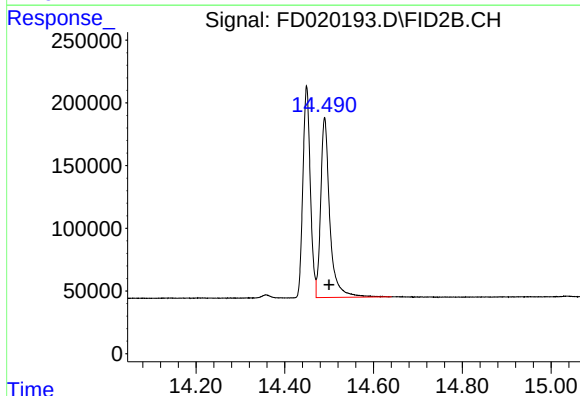
#13 Pyrene (C20.8)

R.T.: 12.571 min
Delta R.T.: -0.009 min
Response: 2018569
Conc: 19.87 ug/ml



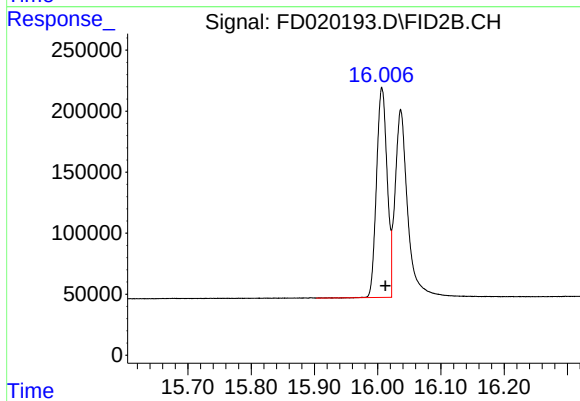
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.449 min
Delta R.T.: -0.010 min
Response: 1945787
Conc: 20.18 ug/ml



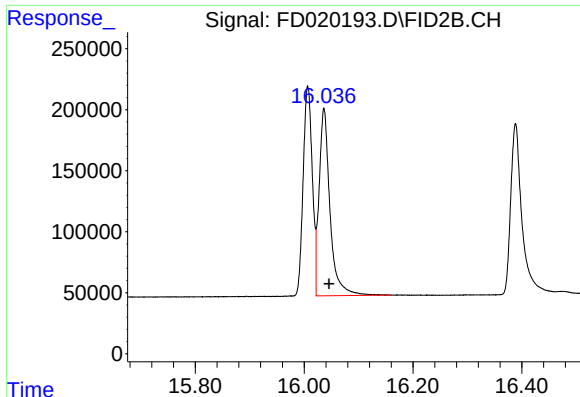
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: -0.010 min
Response: 2055740
Conc: 19.05 ug/ml



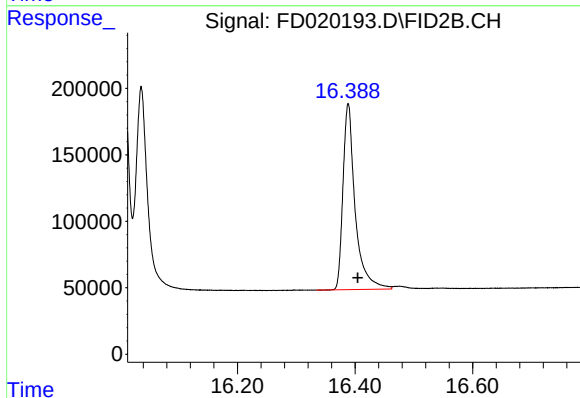
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.007 min
Delta R.T.: -0.005 min
Response: 2002659
Conc: 19.92 ug/ml



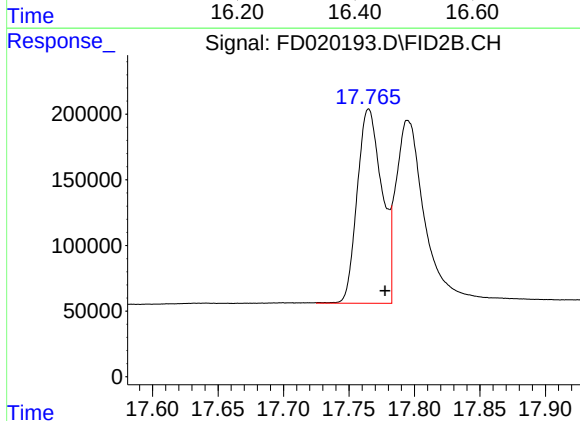
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.037 min
Delta R.T.: -0.009 min
Response: 2136535
Conc: 18.83 ug/ml



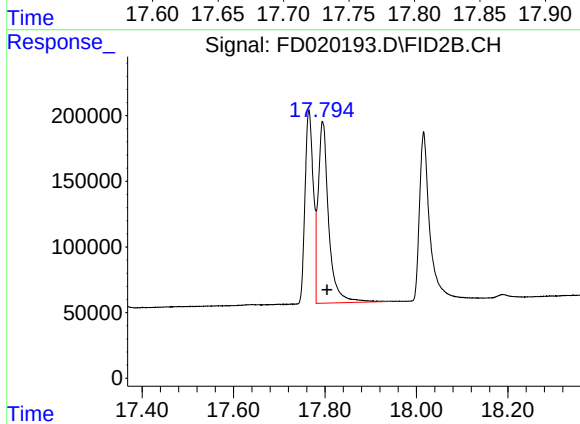
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.389 min
Delta R.T.: -0.016 min
Response: 2011898
Conc: 19.14 ug/ml



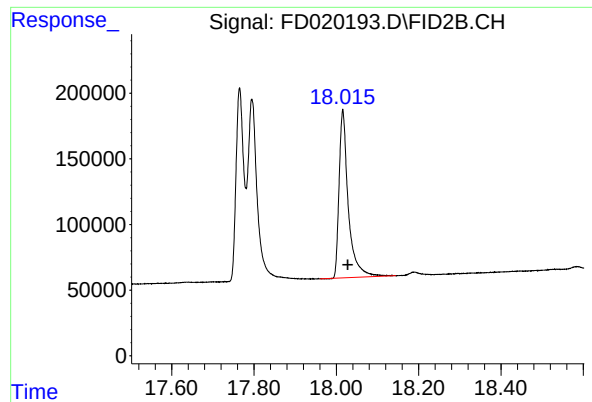
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.765 min
Delta R.T.: -0.013 min
Response: 1974880
Conc: 20.73 ug/ml m



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

R.T.: 17.795 min
Delta R.T.: -0.010 min
Response: 2211812
Conc: 19.46 ug/ml



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

R.T.: 18.016 min
Delta R.T.: -0.012 min
Response: 1981493
Conc: 19.08 ug/ml