

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061019AR\
 Data File : FD029388.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2019 10:14
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 11 11:04:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 2019
 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...	7.740	1820833	23.004 ug/ml
Spiked Amount 50.000		Recovery =	46.01%
6) S 2-Fluorobiphenyl (SURR)	8.605	1277460	23.655 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.31%
11) S ortho-Terphenyl (SURR)	11.641	2048046	24.835 ug/ml
Spiked Amount 50.000		Recovery =	49.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	1997762	22.440 ug/ml
2) T Naphthalene (C11.7)	6.079	2106407	22.536 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	2056462	22.825 ug/ml
5) T Acenaphthylene (C15.06)	8.409	2004417	23.311 ug/ml
7) T Acenaphthene (C15.5)	8.704	2096922	23.465 ug/ml
8) T Fluorene (C16.55)	9.483	2084295	23.809 ug/ml
9) T Phenanthrene (C19.36)	10.878	2206868	24.639 ug/ml
10) T Anthracene (C19.43)	10.953	1990113	22.365 ug/ml
12) T Fluoranthene (C21.85)	12.688	2375007	24.742 ug/ml
13) T Pyrene (C20.8)	12.986	2419175	24.589 ug/ml
14) T Benzo[a]anthracene (C...	14.851	2105257	21.331 ug/ml
15) T Chrysene (C27.41)	14.894	2220141	22.173 ug/ml
16) T benzo[b]fluoranthene ...	16.397	2172435	21.075 ug/ml
17) T Bnezo[k]fluoranthene ...	16.429	2118473	20.904 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.775	1955671	19.299 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.132	1419191	14.605 ug/mlm
20) T Dibenz[a,h]anthracene...	18.170	1465096	16.288 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.387	1600614	15.827 ug/ml

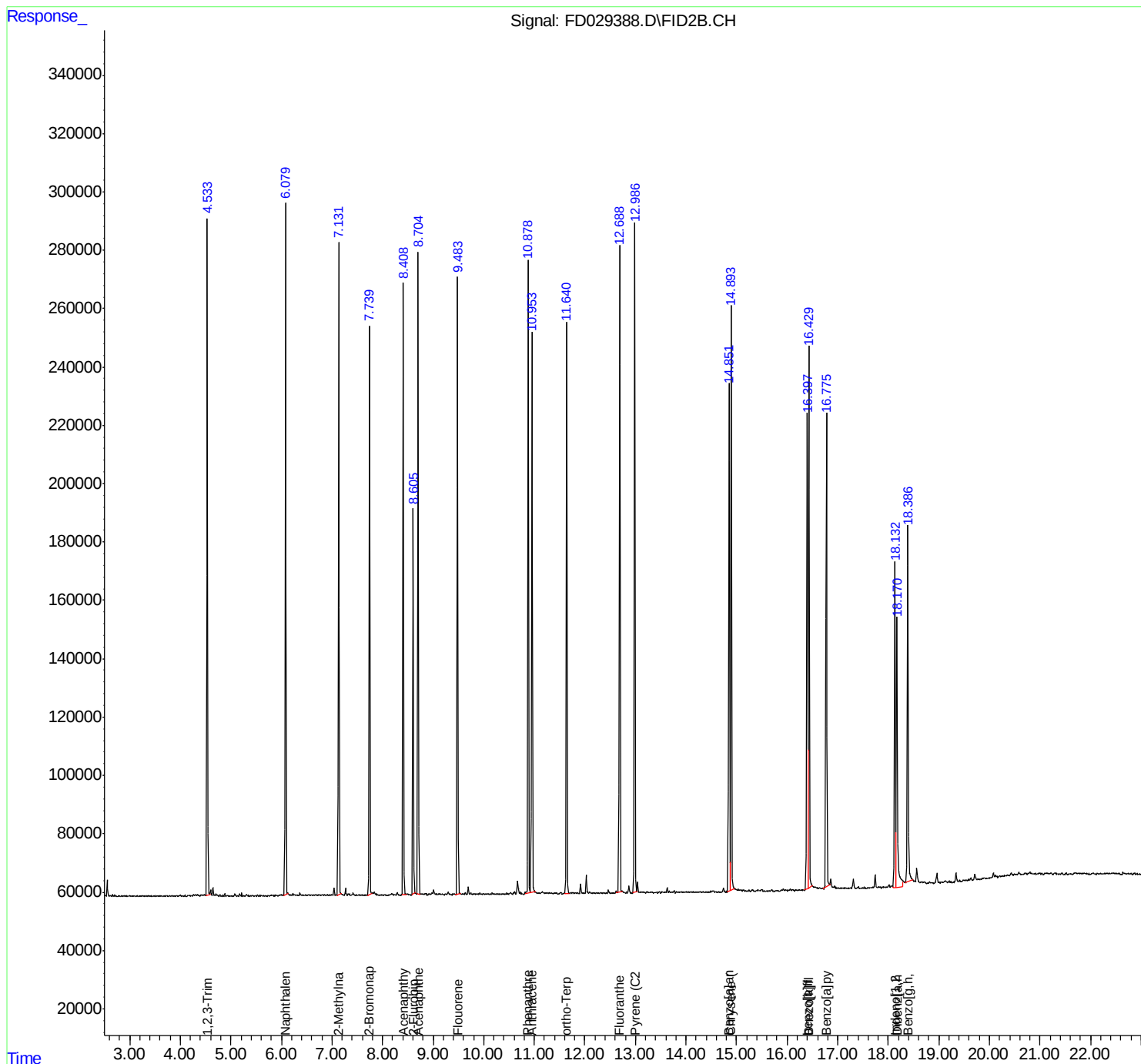
(f)=RT Delta > 1/2 Window

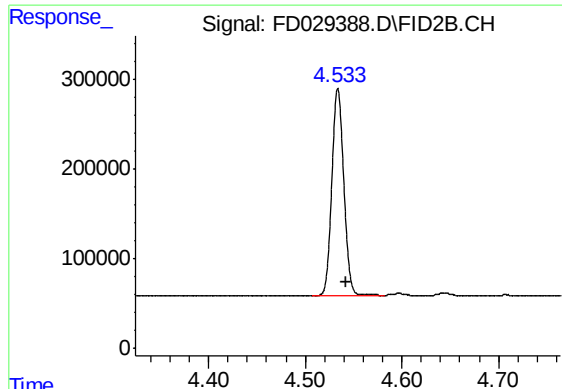
(m)=manual int.

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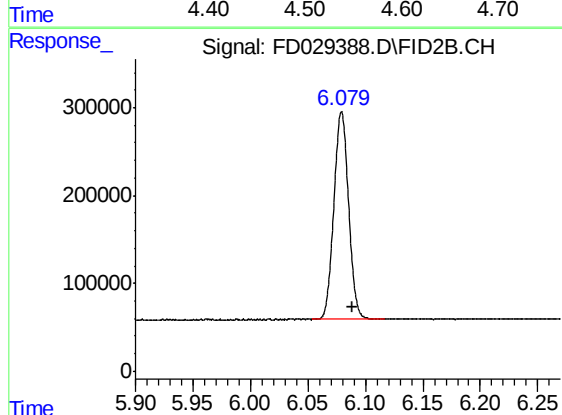
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





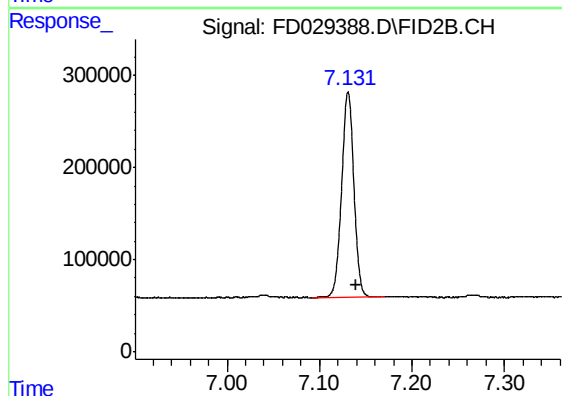
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.534 min
Delta R.T.: -0.008 min
Response: 1997762
Conc: 22.44 ug/ml



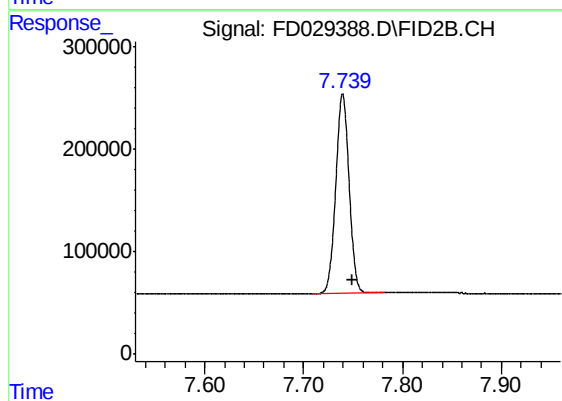
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 2106407
Conc: 22.54 ug/ml



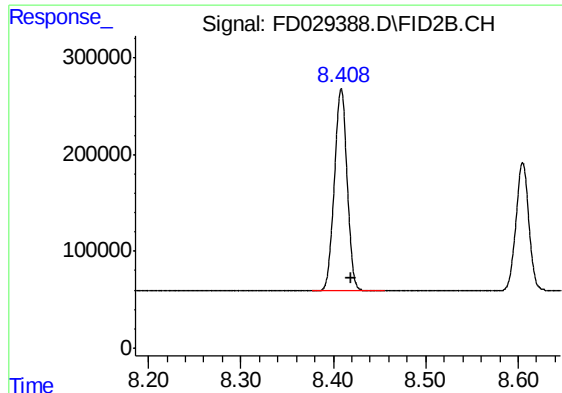
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.009 min
Response: 2056462
Conc: 22.83 ug/ml



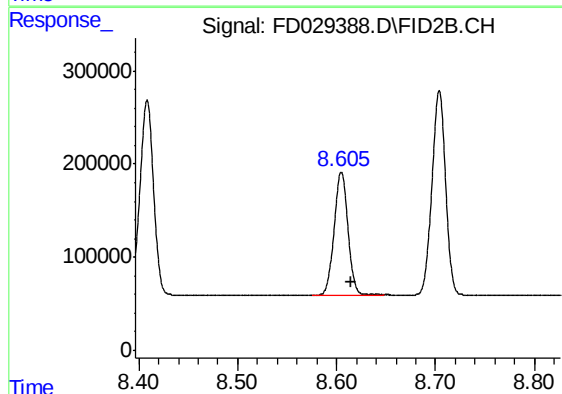
#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.010 min
Response: 1820833
Conc: 23.00 ug/ml



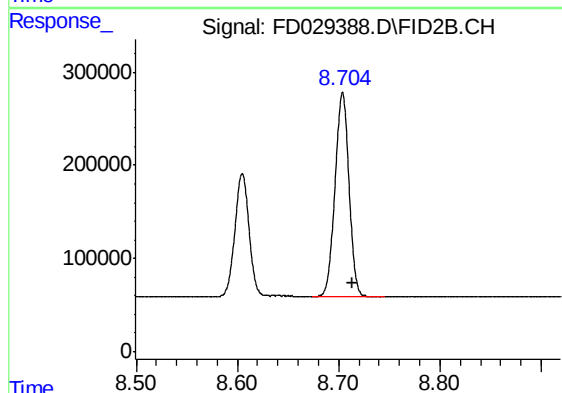
#5 Acenaphthylene (C15.06)

R.T.: 8.409 min
Delta R.T.: -0.010 min
Response: 2004417
Conc: 23.31 ug/ml



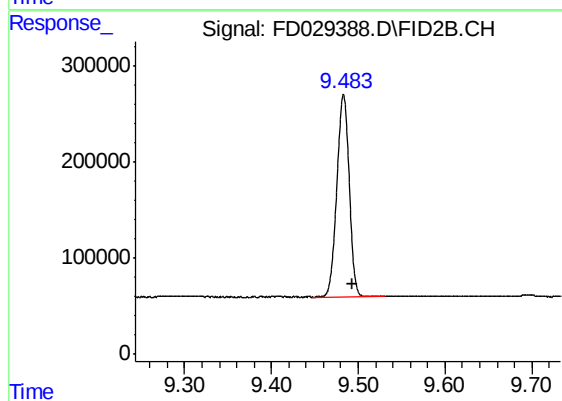
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: -0.010 min
Response: 1277460
Conc: 23.66 ug/ml



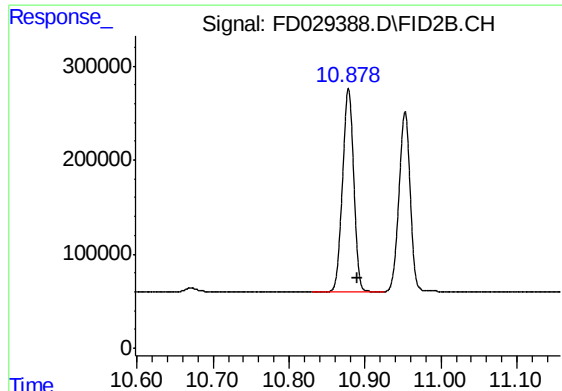
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: -0.010 min
Response: 2096922
Conc: 23.47 ug/ml



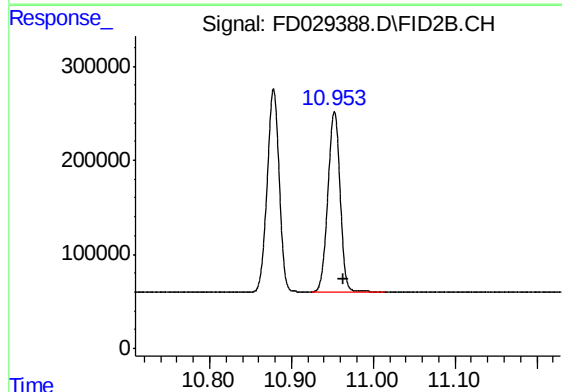
#8 Fluorene (C16.55)

R.T.: 9.483 min
Delta R.T.: -0.010 min
Response: 2084295
Conc: 23.81 ug/ml



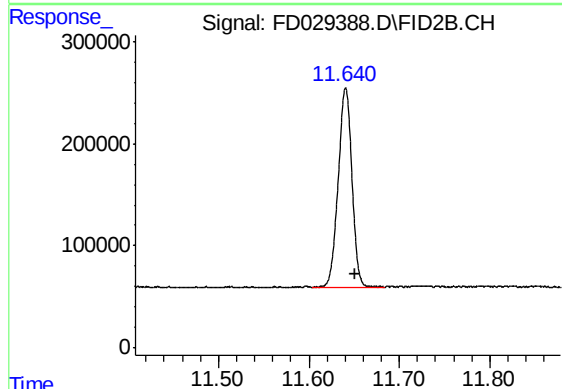
#9 Phenanthrene (C19.36)

R.T.: 10.878 min
Delta R.T.: -0.011 min
Response: 2206868
Conc: 24.64 ug/ml



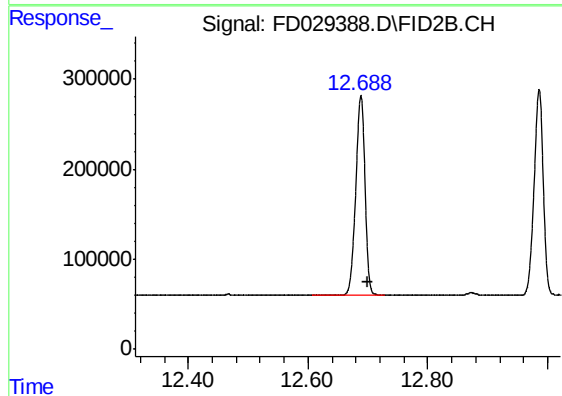
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: -0.010 min
Response: 1990113
Conc: 22.36 ug/ml



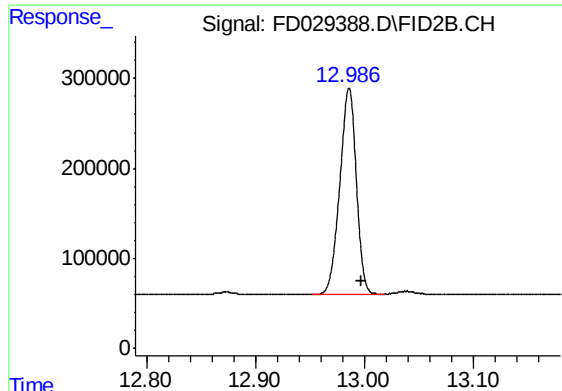
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.011 min
Response: 2048046
Conc: 24.83 ug/ml



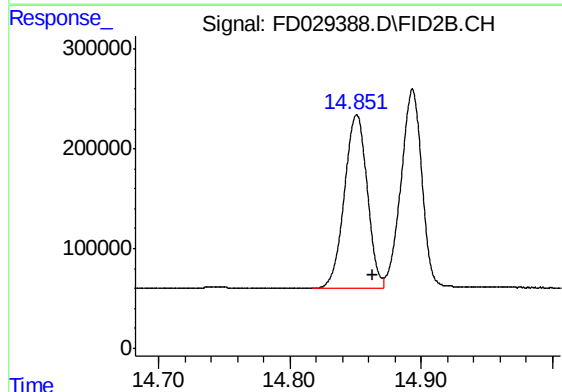
#12 Fluoranthene (C21.85)

R.T.: 12.688 min
Delta R.T.: -0.011 min
Response: 2375007
Conc: 24.74 ug/ml



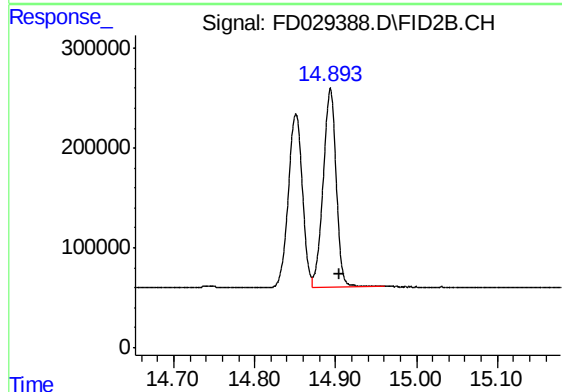
#13 Pyrene (C20.8)

R.T.: 12.986 min
Delta R.T.: -0.011 min
Response: 2419175
Conc: 24.59 ug/ml



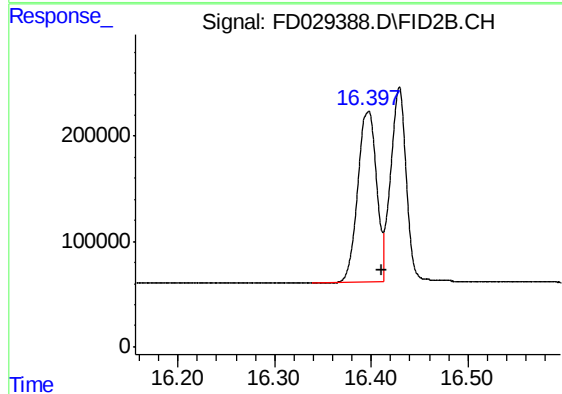
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.851 min
Delta R.T.: -0.013 min
Response: 2105257
Conc: 21.33 ug/ml



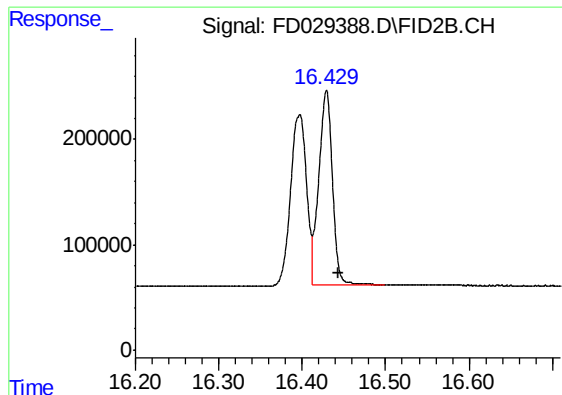
#15 Chrysene (C27.41)

R.T.: 14.894 min
Delta R.T.: -0.012 min
Response: 2220141
Conc: 22.17 ug/ml



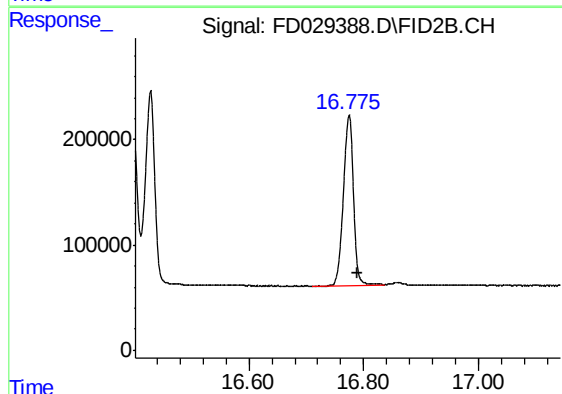
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.397 min
Delta R.T.: -0.015 min
Response: 2172435
Conc: 21.07 ug/ml



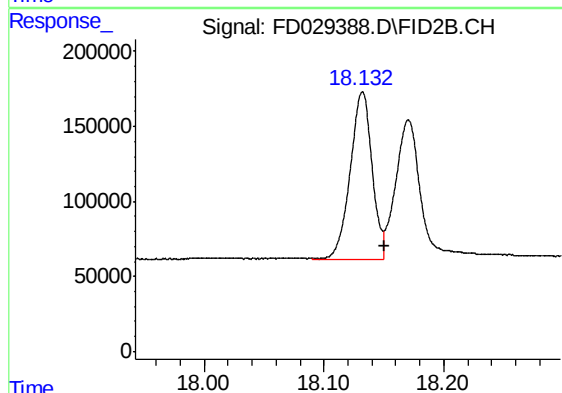
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.429 min
Delta R.T.: -0.015 min
Response: 2118473
Conc: 20.90 ug/ml



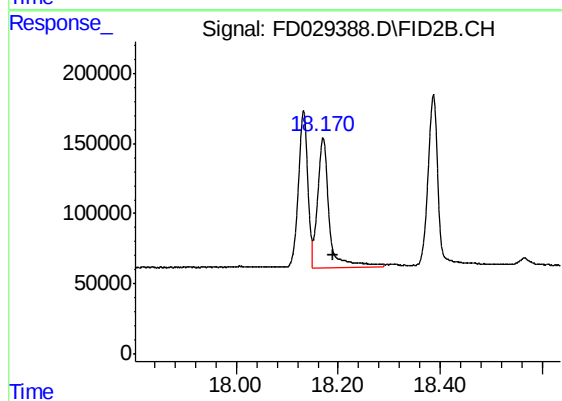
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.775 min
Delta R.T.: -0.015 min
Response: 1955671
Conc: 19.30 ug/ml



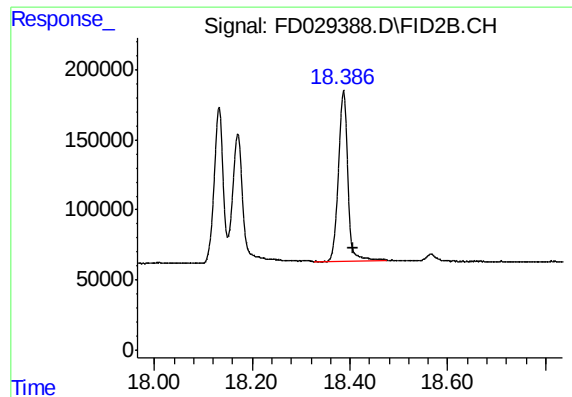
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.132 min
Delta R.T.: -0.019 min
Response: 1419191
Conc: 14.60 ug/ml m



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

R.T.: 18.170 min
Delta R.T.: -0.019 min
Response: 1465096
Conc: 16.29 ug/ml m



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

R.T.: 18.387 min
Delta R.T.: -0.020 min
Response: 1600614
Conc: 15.83 ug/ml