

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061019AR\
 Data File : FD029374.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2019 14:47
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 11 01:22:18 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...	7.739	1701500	21.496 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
6) S 2-Fluorobiphenyl (SURR)	8.605	1189081	22.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.04%
11) S ortho-Terphenyl (SURR)	11.641	1885758	22.867 ug/ml
Spiked Amount 50.000		Recovery =	45.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	1898428	21.324 ug/ml
2) T Naphthalene (C11.7)	6.080	1987832	21.267 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	1923995	21.355 ug/ml
5) T Acenaphthylene (C15.06)	8.409	1866181	21.703 ug/ml
7) T Acenaphthene (C15.5)	8.704	1956629	21.895 ug/ml
8) T Fluorene (C16.55)	9.483	1930376	22.050 ug/ml
9) T Phenanthrene (C19.36)	10.878	2053117	22.922 ug/ml
10) T Anthracene (C19.43)	10.953	1858171	20.882 ug/ml
12) T Fluoranthene (C21.85)	12.688	2187187	22.785 ug/ml
13) T Pyrene (C20.8)	12.986	2238943	22.757 ug/ml
14) T Benzo[a]anthracene (C...	14.850	2032242	20.592 ug/ml
15) T Chrysene (C27.41)	14.893	2125084	21.223 ug/ml
16) T benzo[b]fluoranthene ...	16.397	2131731	20.680 ug/ml
17) T Bnezo[k]fluoranthene ...	16.429	2089385	20.617 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.775	1988814	19.626 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.132	1593616	16.400 ug/ml
20) T Dibenz[a,h]anthracene...	18.170	1521934	16.920 ug/ml
21) T Benzo[g,h,i]perylene ...	18.387	1792155	17.721 ug/ml

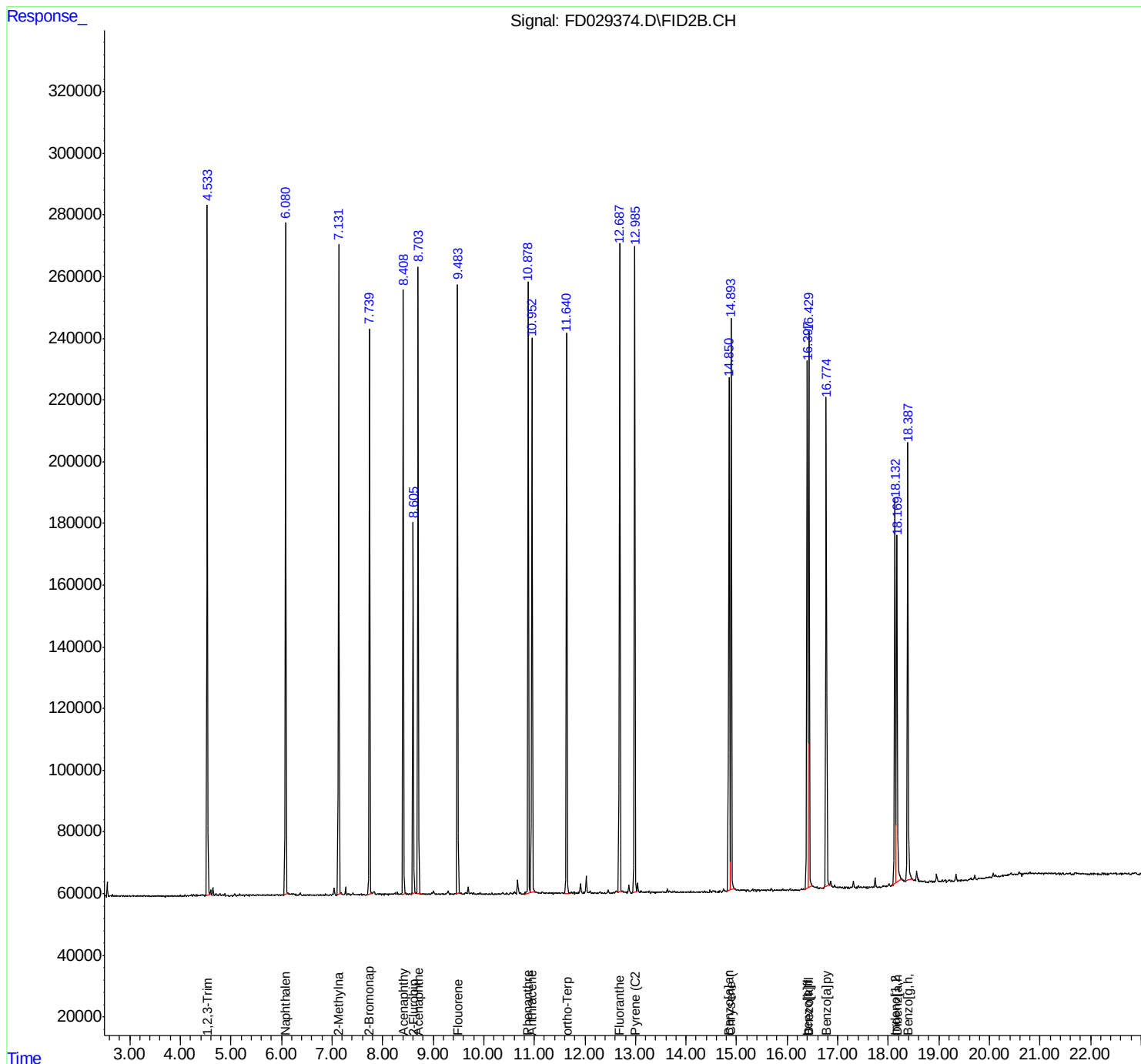
(f)=RT Delta > 1/2 Window

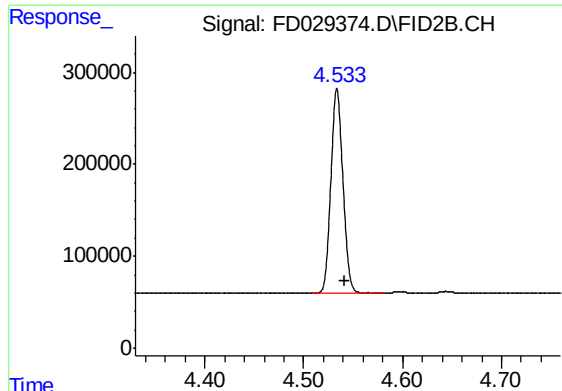
(m)=manual int.

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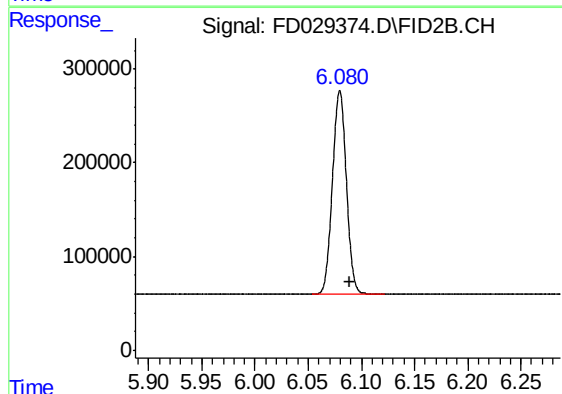
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





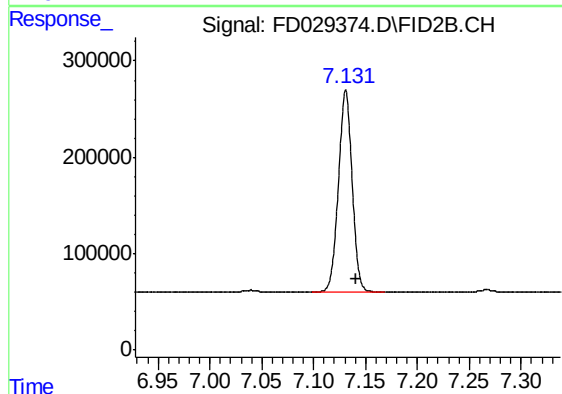
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.534 min
Delta R.T.: -0.008 min
Response: 1898428
Conc: 21.32 ug/ml



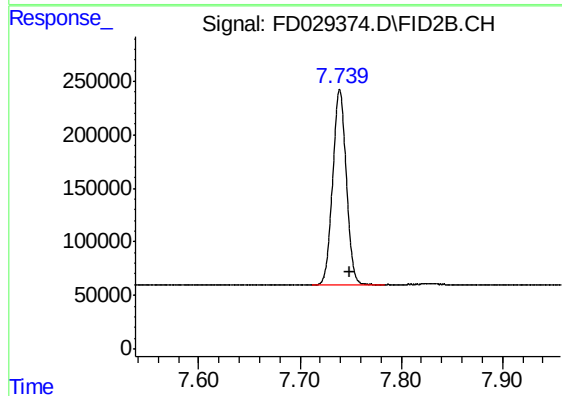
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 1987832
Conc: 21.27 ug/ml



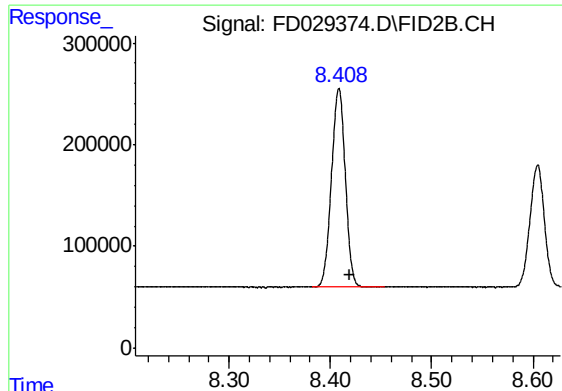
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.010 min
Response: 1923995
Conc: 21.36 ug/ml



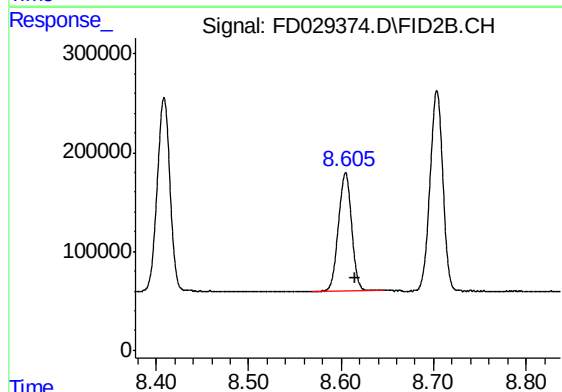
#4 2-Bromonaphthalene (SURR)

R.T.: 7.739 min
Delta R.T.: -0.010 min
Response: 1701500
Conc: 21.50 ug/ml



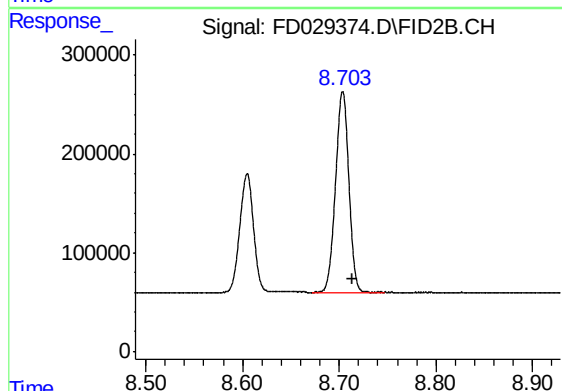
#5 Acenaphthylene (C15.06)

R.T.: 8.409 min
Delta R.T.: -0.010 min
Response: 1866181
Conc: 21.70 ug/ml



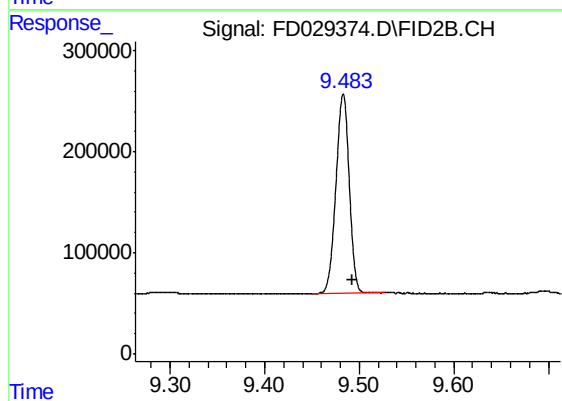
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.605 min
Delta R.T.: -0.010 min
Response: 1189081
Conc: 22.02 ug/ml



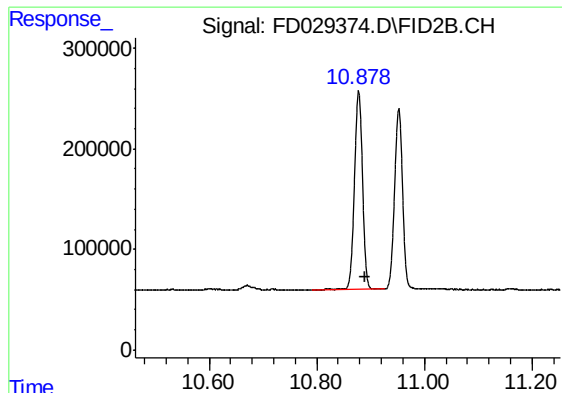
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: -0.010 min
Response: 1956629
Conc: 21.90 ug/ml



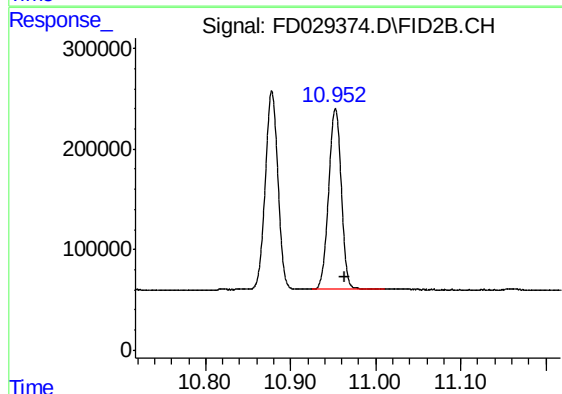
#8 Fluorene (C16.55)

R.T.: 9.483 min
Delta R.T.: -0.010 min
Response: 1930376
Conc: 22.05 ug/ml



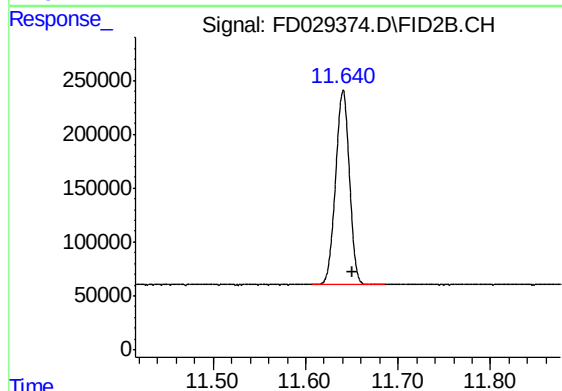
#9 Phenanthrene (C19.36)

R.T.: 10.878 min
Delta R.T.: -0.011 min
Response: 2053117
Conc: 22.92 ug/ml



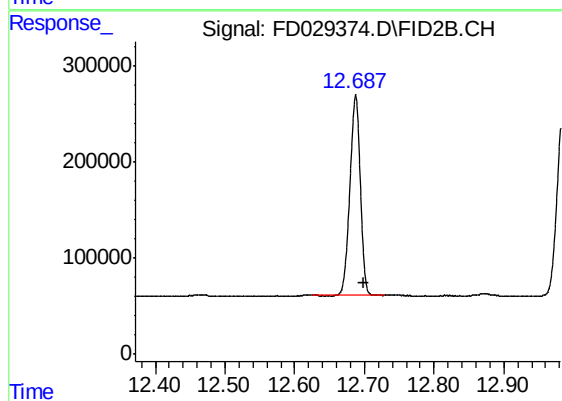
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: -0.011 min
Response: 1858171
Conc: 20.88 ug/ml



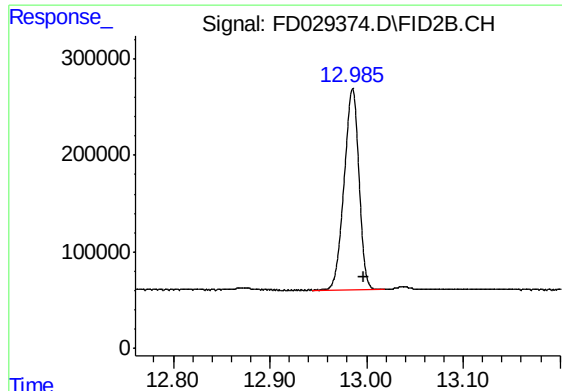
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.011 min
Response: 1885758
Conc: 22.87 ug/ml



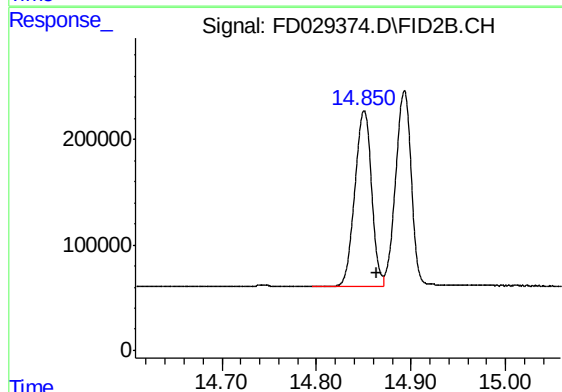
#12 Fluoranthene (C21.85)

R.T.: 12.688 min
Delta R.T.: -0.012 min
Response: 2187187
Conc: 22.78 ug/ml



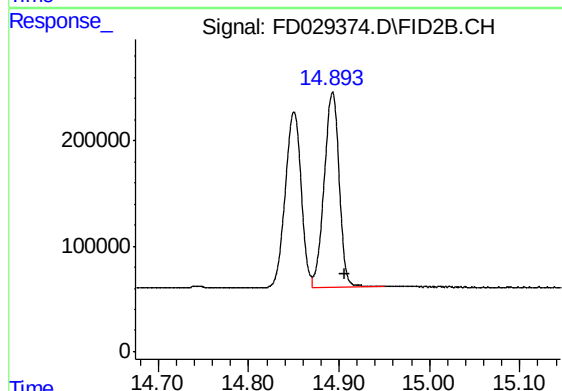
#13 Pyrene (C20.8)

R.T.: 12.986 min
Delta R.T.: -0.012 min
Response: 2238943
Conc: 22.76 ug/ml



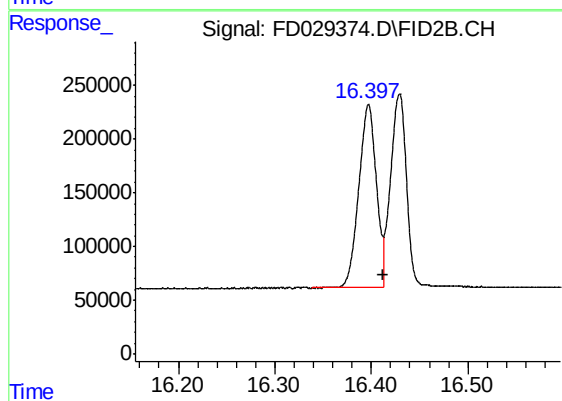
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.850 min
Delta R.T.: -0.013 min
Response: 2032242
Conc: 20.59 ug/ml



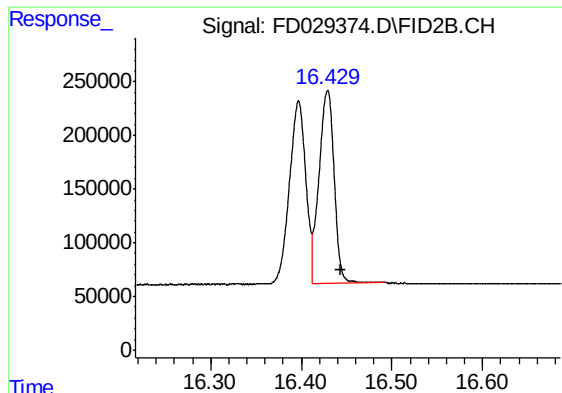
#15 Chrysene (C27.41)

R.T.: 14.893 min
Delta R.T.: -0.013 min
Response: 2125084
Conc: 21.22 ug/ml



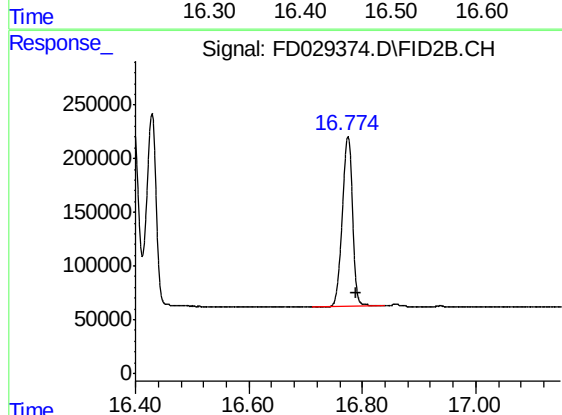
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.397 min
Delta R.T.: -0.014 min
Response: 2131731
Conc: 20.68 ug/ml



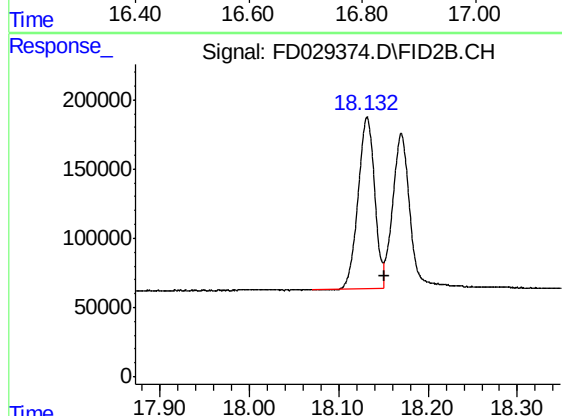
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.429 min
Delta R.T.: -0.015 min
Response: 2089385
Conc: 20.62 ug/ml



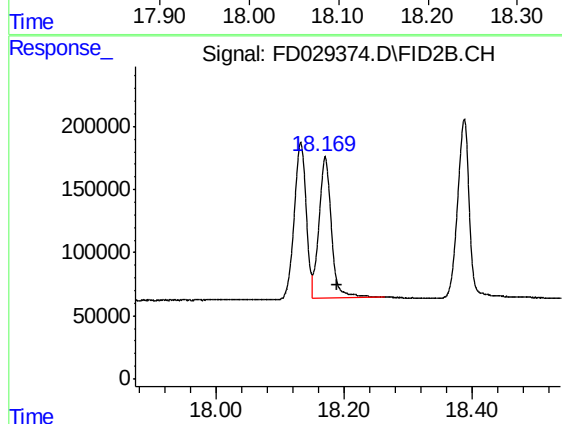
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.775 min
Delta R.T.: -0.015 min
Response: 1988814
Conc: 19.63 ug/ml



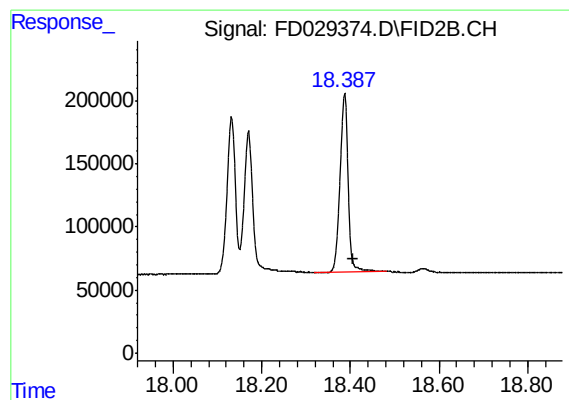
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.132 min
Delta R.T.: -0.019 min
Response: 1593616
Conc: 16.40 ug/ml



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

R.T.: 18.170 min
Delta R.T.: -0.019 min
Response: 1521934
Conc: 16.92 ug/ml



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

R.T.: 18.387 min
Delta R.T.: -0.019 min
Response: 1792155
Conc: 17.72 ug/ml