

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061219AR\
 Data File : FD029394.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jun 2019 14:30
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 13 07:39:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:38:16 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...	7.732	1087116	8.915 ug/ml
Spiked Amount 50.000		Recovery =	17.83%
6) S 2-Fluorobiphenyl (SURR)	8.597	739557	8.887 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.77%
11) S ortho-Terphenyl (SURR)	11.633	1210340	9.009 ug/ml
Spiked Amount 50.000		Recovery =	18.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	1141710	8.875 ug/ml
2) T Naphthalene (C11.7)	6.073	1217310	8.899 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	1204656	8.895 ug/ml
5) T Acenaphthylene (C15.06)	8.401	1189515	9.017 ug/ml
7) T Acenaphthene (C15.5)	8.696	1224025	8.933 ug/ml
8) T Fluorene (C16.55)	9.475	1220657	8.938 ug/ml
9) T Phenanthrene (C19.36)	10.870	1236185	9.002 ug/ml
10) T Anthracene (C19.43)	10.944	1220249	8.966 ug/ml
12) T Fluoranthene (C21.85)	12.679	1245139	9.015 ug/ml
13) T Pyrene (C20.8)	12.976	1246072	9.020 ug/ml
14) T Benzo[a]anthracene (C...	14.841	1194513	9.050 ug/ml
15) T Chrysene (C27.41)	14.883	1200361	9.088 ug/ml
16) T benzo[b]fluoranthene ...	16.387	1178300	9.104 ug/ml
17) T Bnezo[k]fluoranthene ...	16.419	1175961	9.080 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.765	1165417	9.104 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.122	1106509	9.032 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	1122921	9.214 ug/ml
21) T Benzo[g,h,i]perylene ...	18.377	1107876	9.100 ug/ml

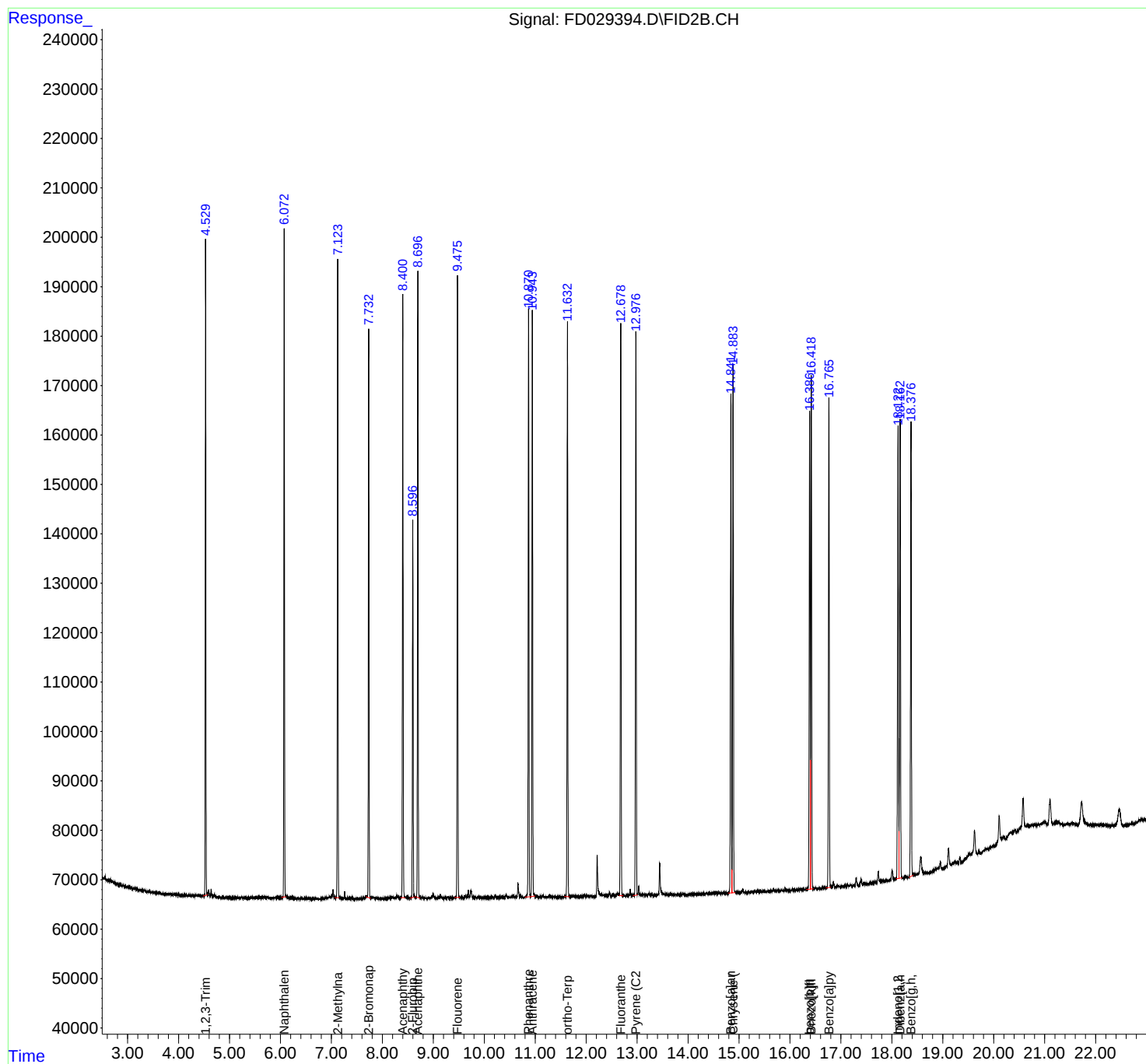
(f)=RT Delta > 1/2 Window

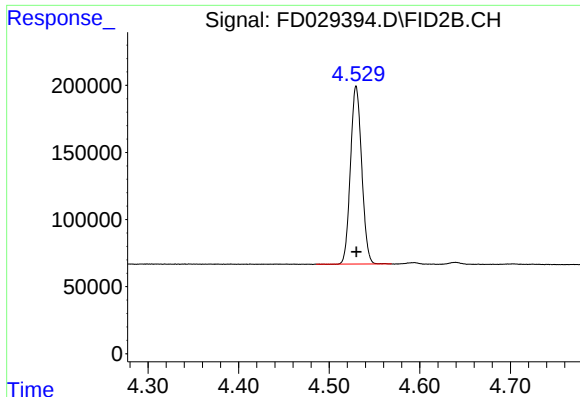
(m)=manual int.

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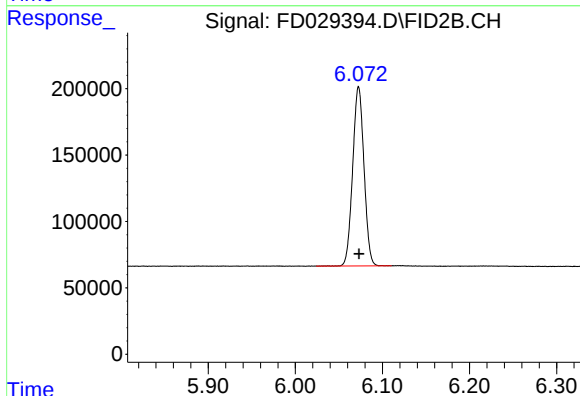
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





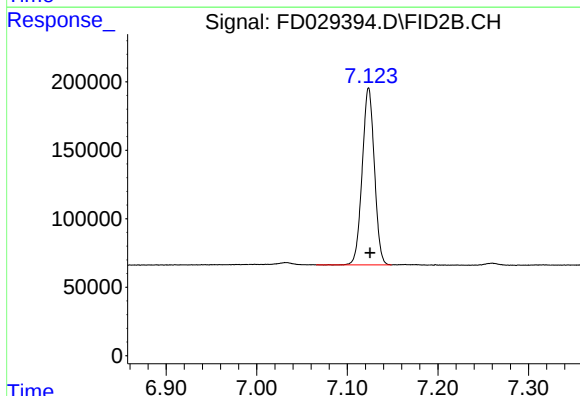
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 1141710
Conc: 8.88 ug/ml



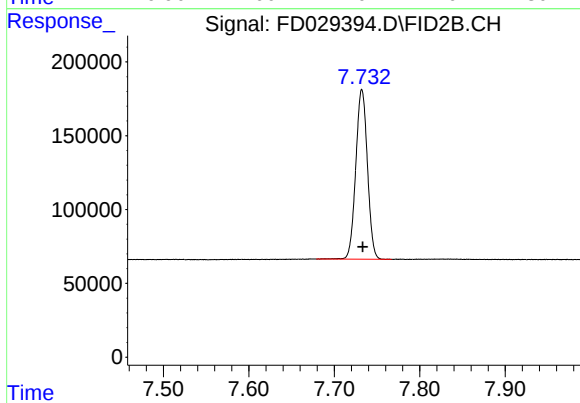
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1217310
Conc: 8.90 ug/ml



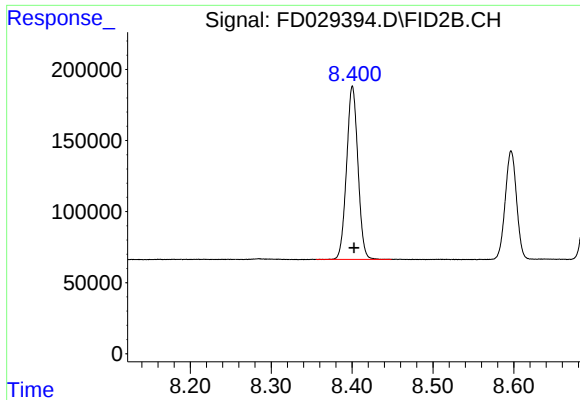
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: -0.001 min
Response: 1204656
Conc: 8.89 ug/ml



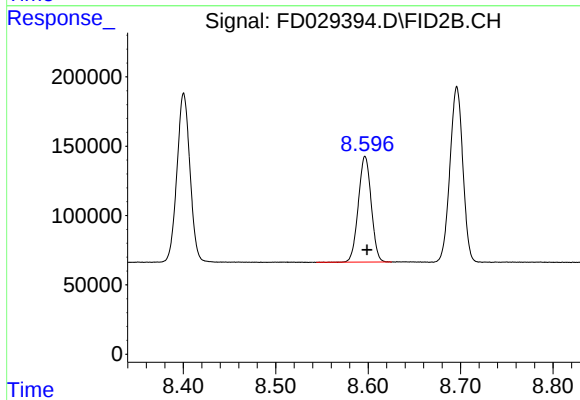
#4 2-Bromonaphthalene (SURR)

R.T.: 7.732 min
Delta R.T.: 0.000 min
Response: 1087116
Conc: 8.92 ug/ml



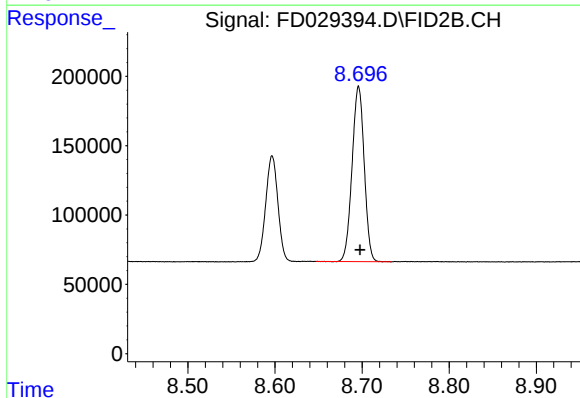
#5 Acenaphthylene (C15.06)

R.T.: 8.401 min
Delta R.T.: -0.002 min
Response: 1189515
Conc: 9.02 ug/ml



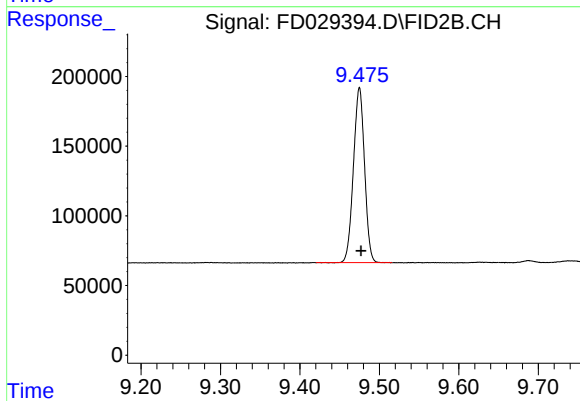
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.002 min
Response: 739557
Conc: 8.89 ug/ml



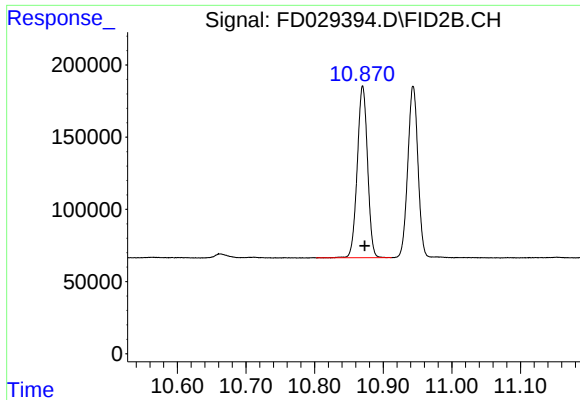
#7 Acenaphthene (C15.5)

R.T.: 8.696 min
Delta R.T.: -0.002 min
Response: 1224025
Conc: 8.93 ug/ml



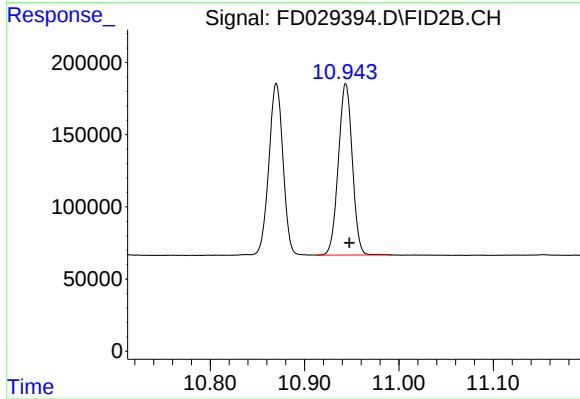
#8 Fluorene (C16.55)

R.T.: 9.475 min
Delta R.T.: -0.002 min
Response: 1220657
Conc: 8.94 ug/ml



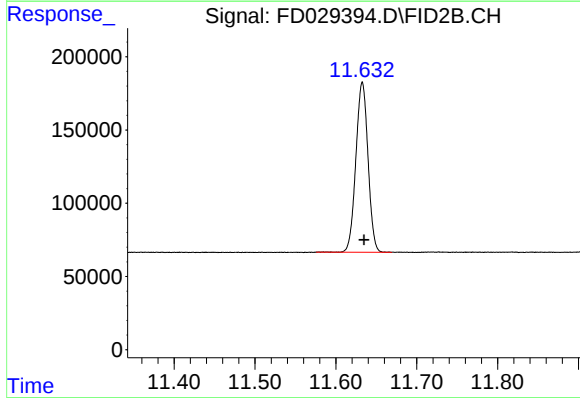
#9 Phenanthrene (C19.36)

R.T.: 10.870 min
Delta R.T.: -0.003 min
Response: 1236185
Conc: 9.00 ug/ml



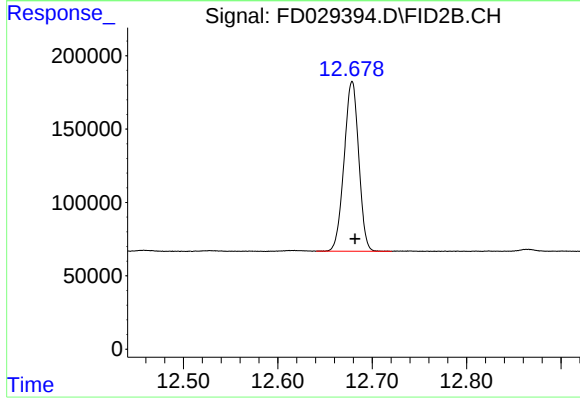
#10 Anthracene (C19.43)

R.T.: 10.944 min
Delta R.T.: -0.004 min
Response: 1220249
Conc: 8.97 ug/ml



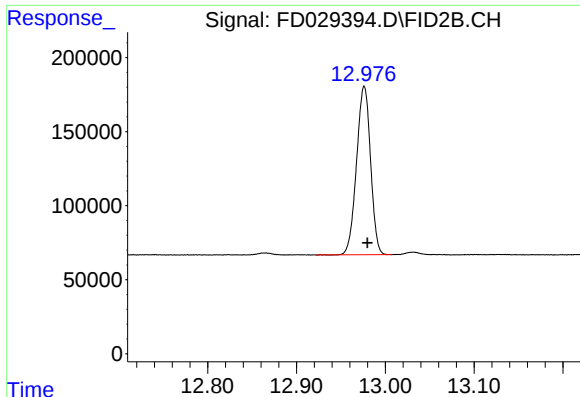
#11 ortho-Terphenyl (SURR)

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 1210340
Conc: 9.01 ug/ml



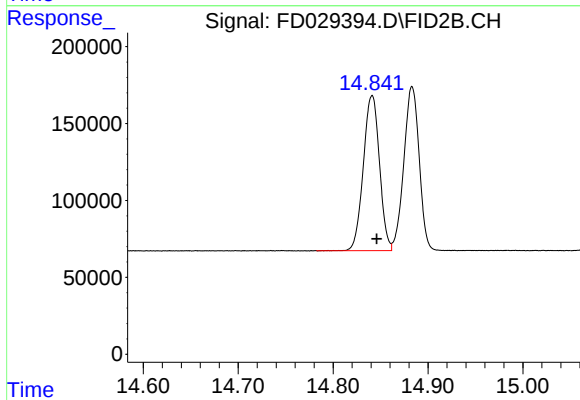
#12 Fluoranthene (C21.85)

R.T.: 12.679 min
Delta R.T.: -0.003 min
Response: 1245139
Conc: 9.02 ug/ml



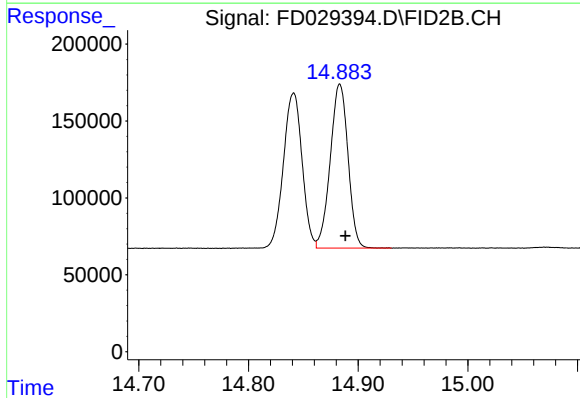
#13 Pyrene (C20.8)

R.T.: 12.976 min
Delta R.T.: -0.003 min
Response: 1246072
Conc: 9.02 ug/ml



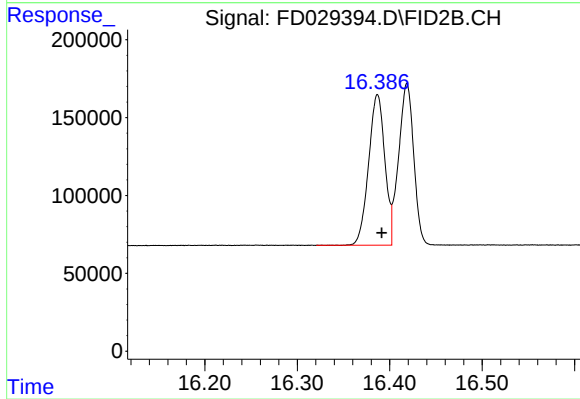
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: -0.005 min
Response: 1194513
Conc: 9.05 ug/ml



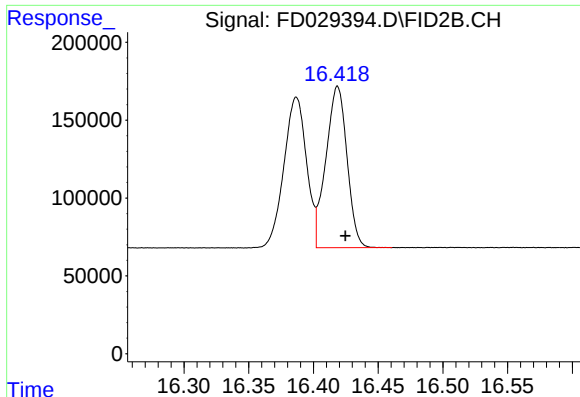
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: -0.005 min
Response: 1200361
Conc: 9.09 ug/ml



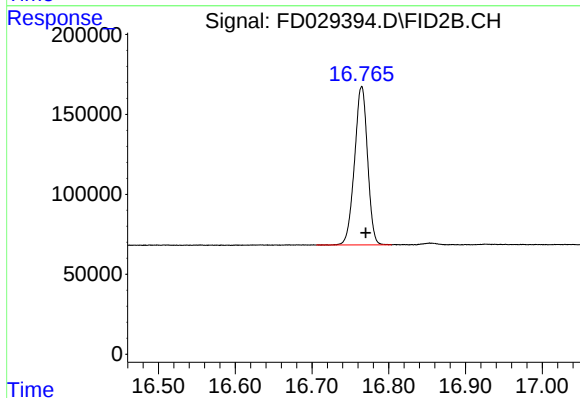
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.387 min
Delta R.T.: -0.005 min
Response: 1178300
Conc: 9.10 ug/ml



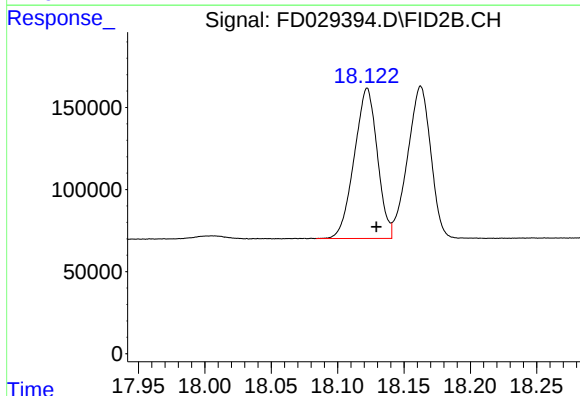
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.419 min
Delta R.T.: -0.006 min
Response: 1175961
Conc: 9.08 ug/ml



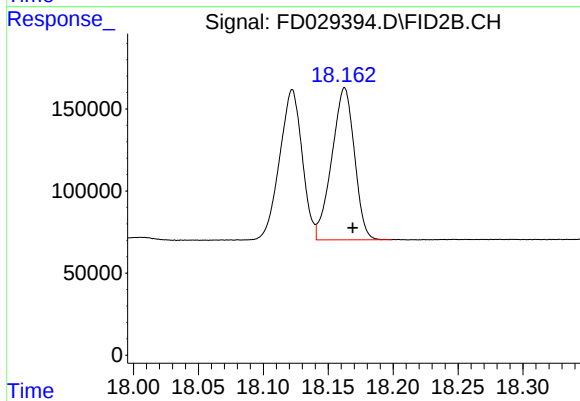
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.765 min
Delta R.T.: -0.005 min
Response: 1165417
Conc: 9.10 ug/ml



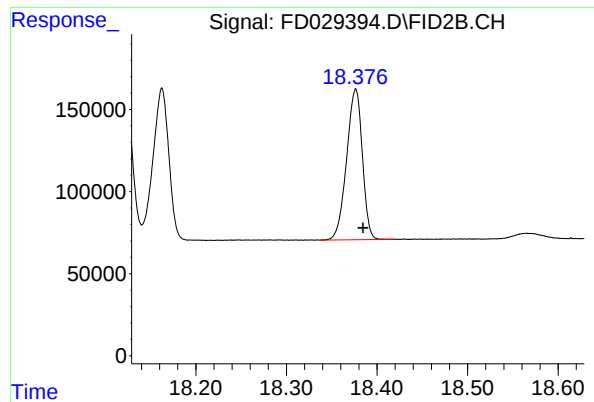
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.122 min
Delta R.T.: -0.007 min
Response: 1106509
Conc: 9.03 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.006 min
Response: 1122921
Conc: 9.21 ug/ml



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

R.T.: 18.377 min
Delta R.T.: -0.008 min
Response: 1107876
Conc: 9.10 ug/ml