

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022322AR\
 Data File : FD041239.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2022 18:07
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 18:35:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 2022
 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...	7.365	3204644	19.834 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
6) S 2-Fluorobiphenyl (SURR)	8.213	2103984	20.212 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.42%
11) S ortho-Terphenyl (SURR)	11.248	3528496	20.116 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	3480065	19.856 ug/ml
2) T Naphthalene (C11.7)	5.708	3638519	19.950 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	3604079	19.913 ug/ml
5) T Acenaphthylene (C15.06)	8.016	3594734	20.108 ug/ml
7) T Acenaphthene (C15.5)	8.310	3861883	20.204 ug/ml
8) T Flouorene (C16.55)	9.088	3429967	20.030 ug/ml
9) T Phenanthrene (C19.36)	10.473	3386988	20.616 ug/ml
10) T Anthracene (C19.43)	10.548	3437764	21.497 ug/ml
12) T Fluoranthene (C21.85)	12.276	3339415	19.876 ug/ml
13) T Pyrene (C20.8)	12.569	3374689	20.129 ug/ml
14) T Benzo[a]anthracene (C...	14.436	2935970	20.232 ug/ml
15) T Chrysene (C27.41)	14.478	3228872	19.608 ug/ml
16) T benzo[b]fluoranthene ...	15.981	2676039	19.607 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	2827832	19.163 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	2517533	19.146 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	2385284	19.028 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	2707394	19.153 ug/ml
21) T Benzo[g,h,i]perylene ...	17.968	2451402	18.933 ug/ml

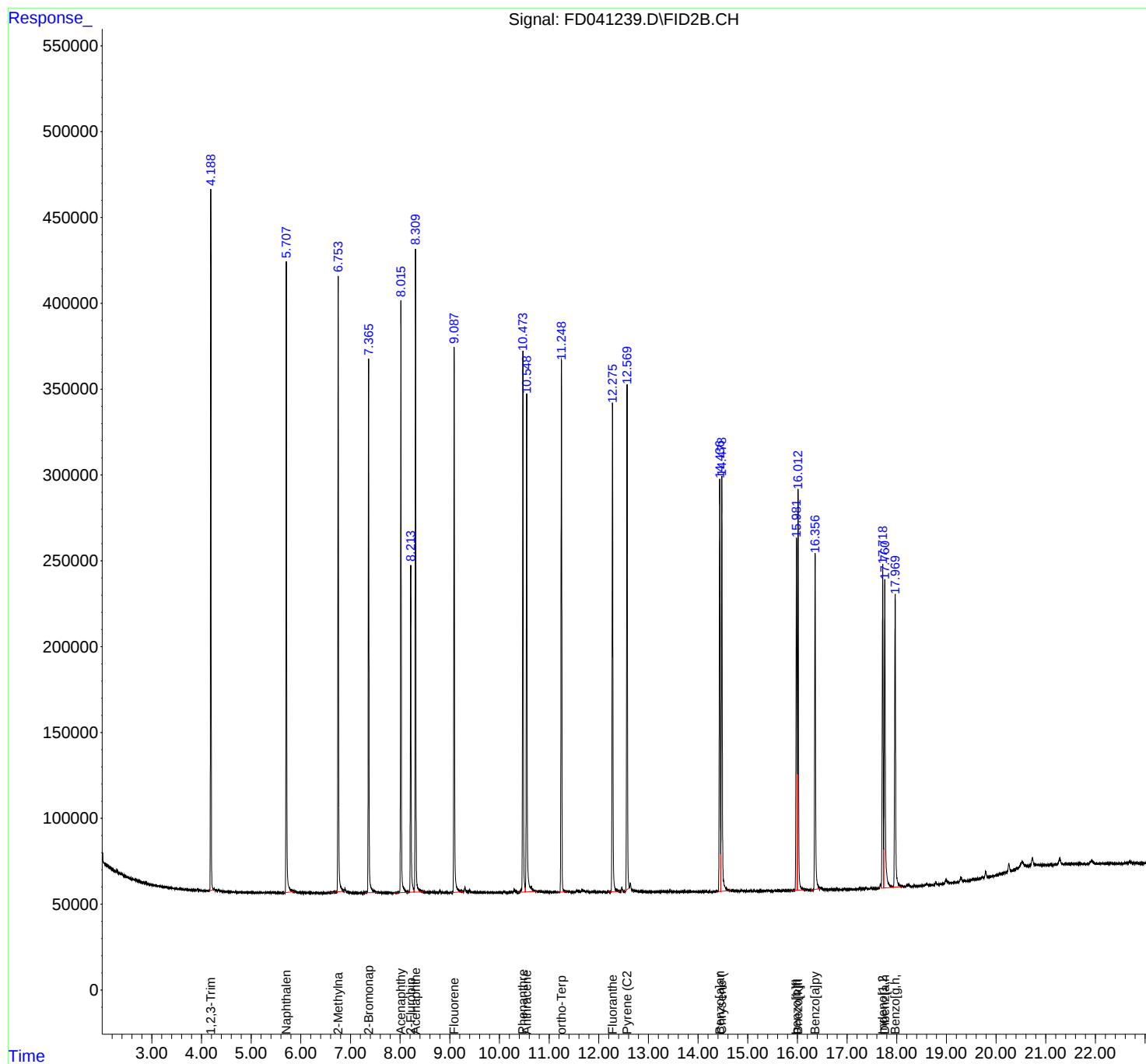
(f)=RT Delta > 1/2 Window

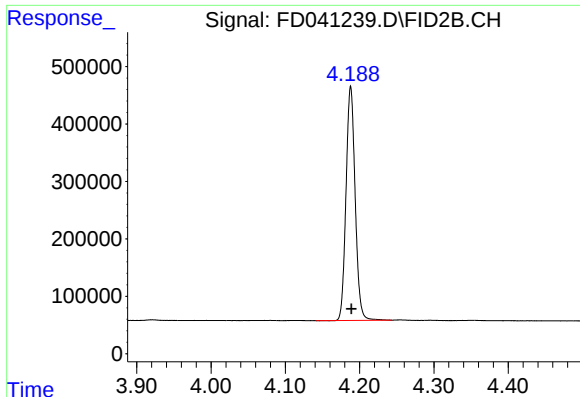
(m)=manual int.

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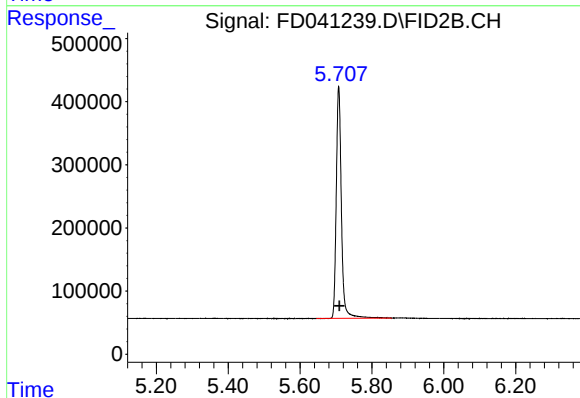
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





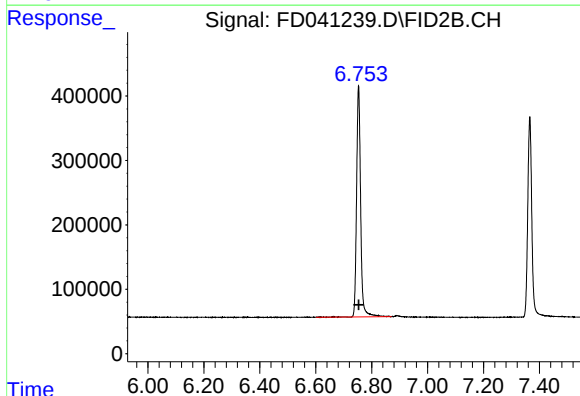
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 3480065
Conc: 19.86 ug/ml



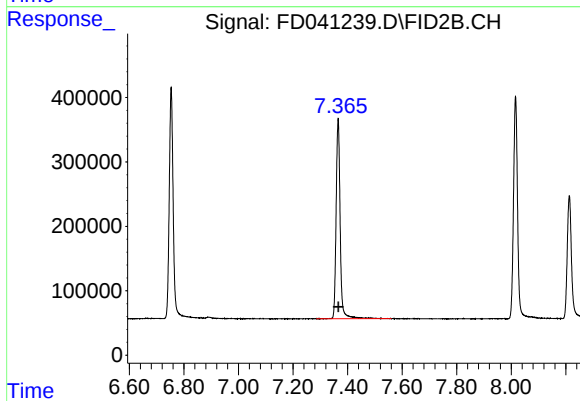
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: -0.002 min
Response: 3638519
Conc: 19.95 ug/ml



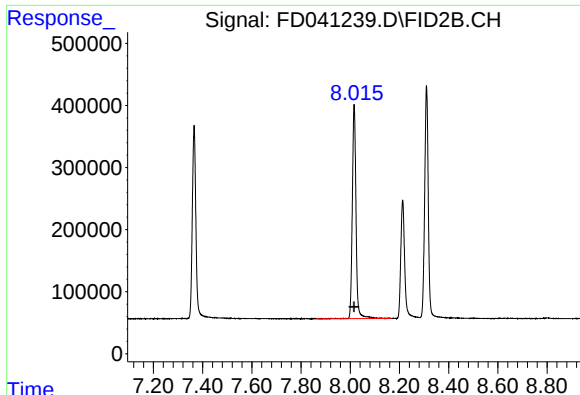
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 3604079
Conc: 19.91 ug/ml



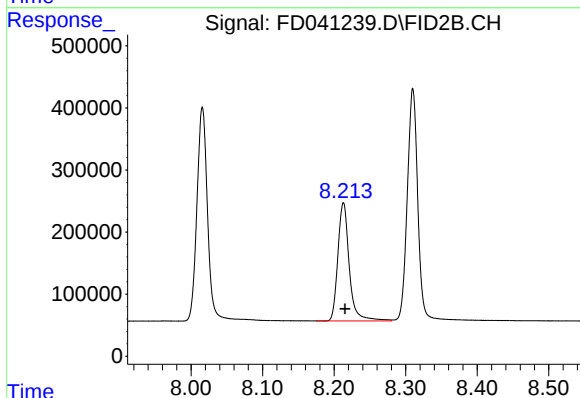
#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.001 min
Response: 3204644
Conc: 19.83 ug/ml



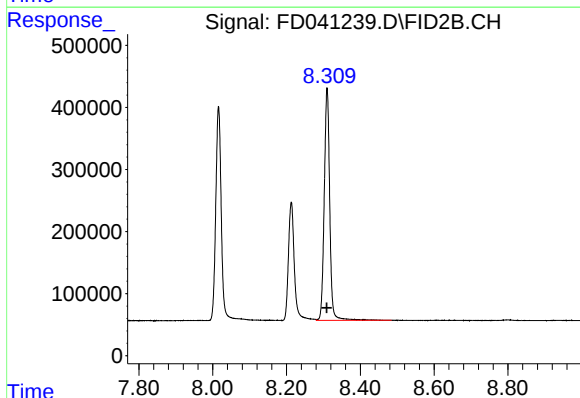
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 3594734
Conc: 20.11 ug/ml



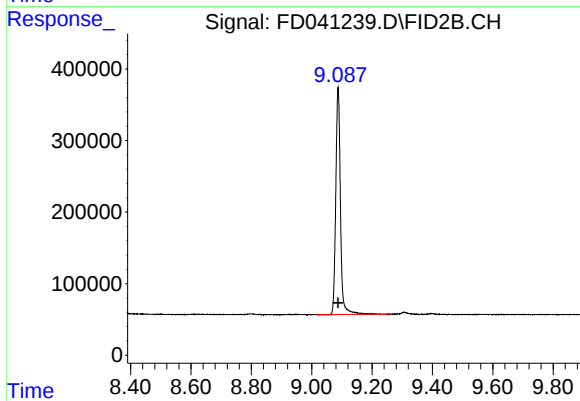
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.002 min
Response: 2103984
Conc: 20.21 ug/ml



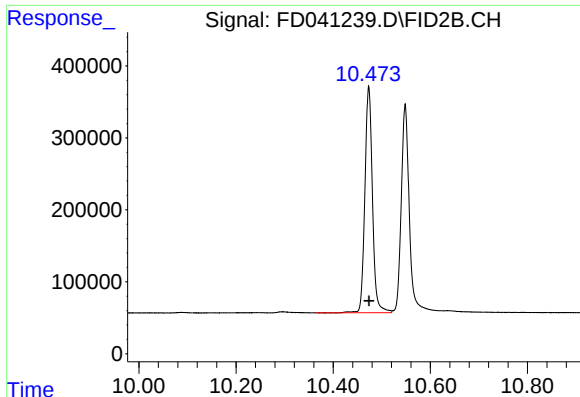
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: 0.001 min
Response: 3861883
Conc: 20.20 ug/ml



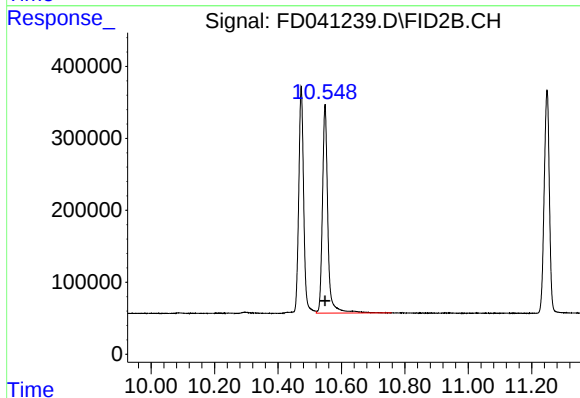
#8 Flouorene (C16.55)

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 3429967
Conc: 20.03 ug/ml



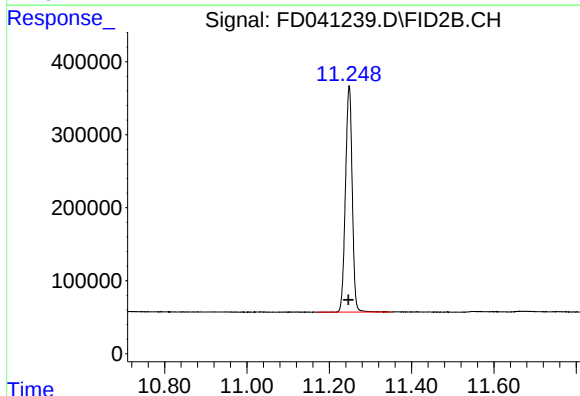
#9 Phenanthrene (C19.36)

R.T.: 10.473 min
Delta R.T.: 0.000 min
Response: 3386988
Conc: 20.62 ug/ml



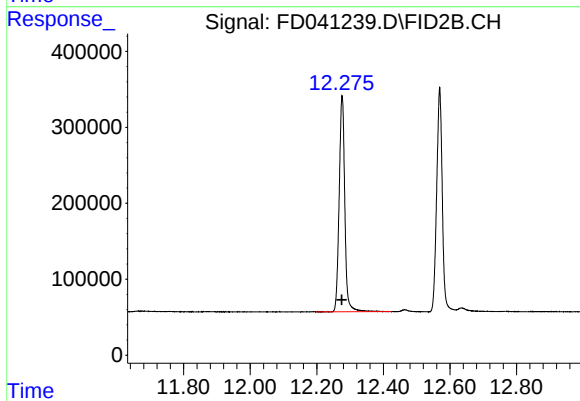
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.000 min
Response: 3437764
Conc: 21.50 ug/ml



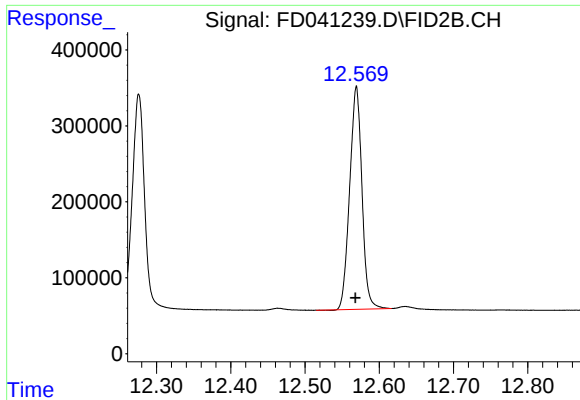
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.002 min
Response: 3528496
Conc: 20.12 ug/ml



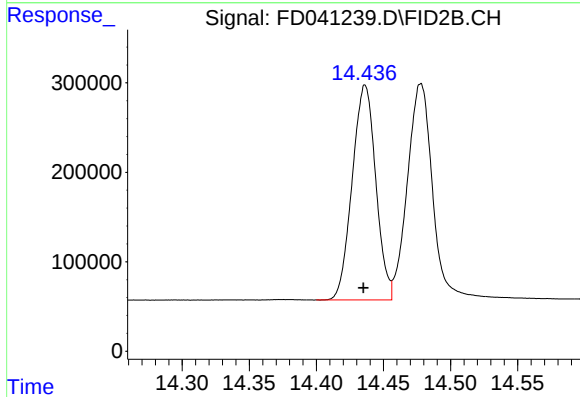
#12 Fluoranthene (C21.85)

R.T.: 12.276 min
Delta R.T.: 0.001 min
Response: 3339415
Conc: 19.88 ug/ml



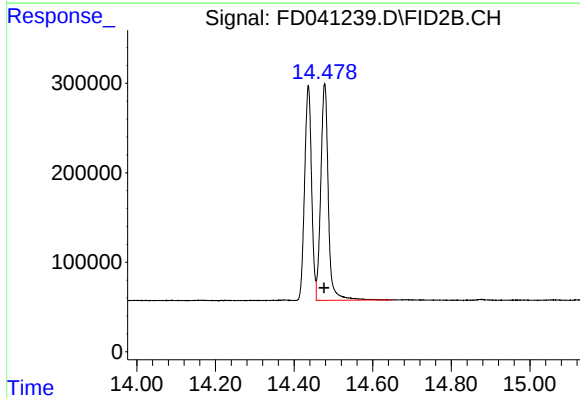
#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: 0.001 min
Response: 3374689
Conc: 20.13 ug/ml



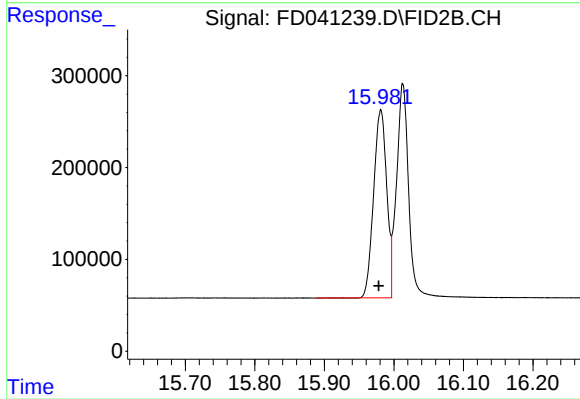
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: 0.001 min
Response: 2935970
Conc: 20.23 ug/ml



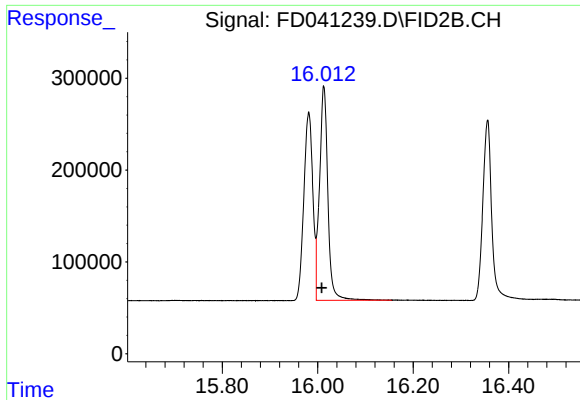
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: 0.002 min
Response: 3228872
Conc: 19.61 ug/ml



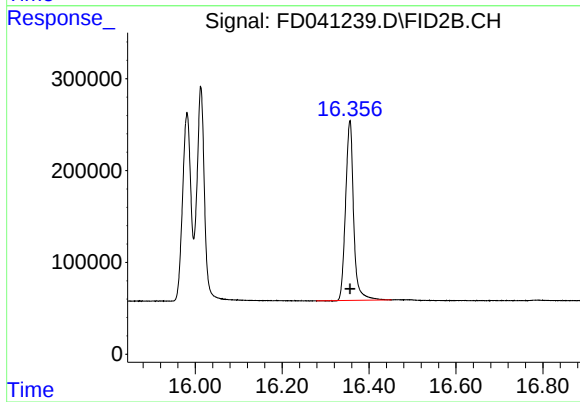
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.981 min
Delta R.T.: 0.003 min
Response: 2676039
Conc: 19.61 ug/ml



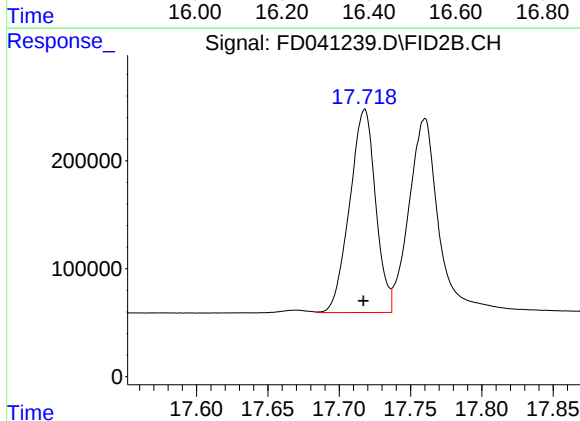
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.013 min
Delta R.T.: 0.004 min
Response: 2827832
Conc: 19.16 ug/ml



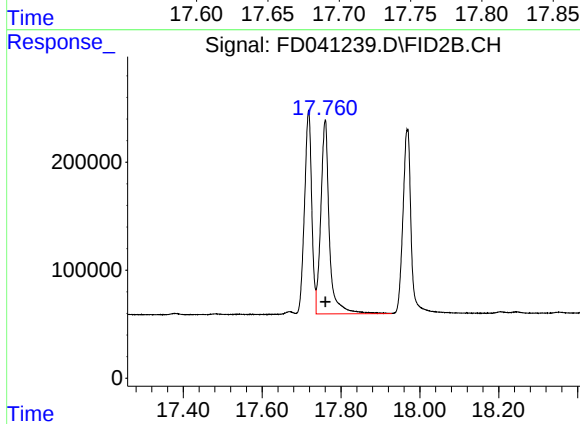
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: 0.000 min
Response: 2517533
Conc: 19.15 ug/ml



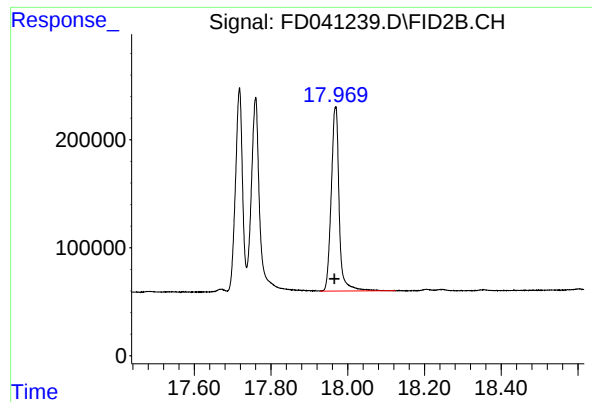
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: 0.000 min
Response: 2385284
Conc: 19.03 ug/ml



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

R.T.: 17.760 min
Delta R.T.: -0.001 min
Response: 2707394
Conc: 19.15 ug/ml



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

R.T.: 17.968 min
Delta R.T.: 0.003 min
Response: 2451402
Conc: 18.93 ug/ml