

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061220AR\
 Data File : FD033689.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jun 2020 10:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 13 00:19:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 2020
 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...	7.569	2076789	19.972 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
6) S 2-Fluorobiphenyl (SURR)	8.432	1408004	20.371 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.74%
11) S ortho-Terphenyl (SURR)	11.459	2462957	18.785 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.380	2394989	21.008 ug/ml
2) T Naphthalene (C11.7)	5.913	2381769	20.658 ug/ml
3) T 2-Methylnaphthalene (...)	6.961	2403919	20.242 ug/ml
5) T Acenaphthylene (C15.06)	8.232	2366100	19.313 ug/ml
7) T Acenaphthene (C15.5)	8.526	2487631	19.261 ug/ml
8) T Fluorene (C16.55)	9.306	2337968	19.683 ug/ml
9) T Phenanthrene (C19.36)	10.700	2327386	18.974 ug/ml
10) T Anthracene (C19.43)	10.776	1876693	15.417 ug/ml
12) T Fluoranthene (C21.85)	12.510	2351562	18.653 ug/ml
13) T Pyrene (C20.8)	12.806	2276317	18.676 ug/ml
14) T Benzo[a]anthracene (C...	14.679	2118699	18.807 ug/ml
15) T Chrysene (C27.41)	14.720	2343688	18.030 ug/ml
16) T benzo[b]fluoranthene ...	16.232	2256139	19.760 ug/ml
17) T Bnezo[k]fluoranthene ...	16.262	2283185	18.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.612	2125764	18.130 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.982	2107886	20.648 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	2354237	19.506 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	2222436	19.947 ug/ml

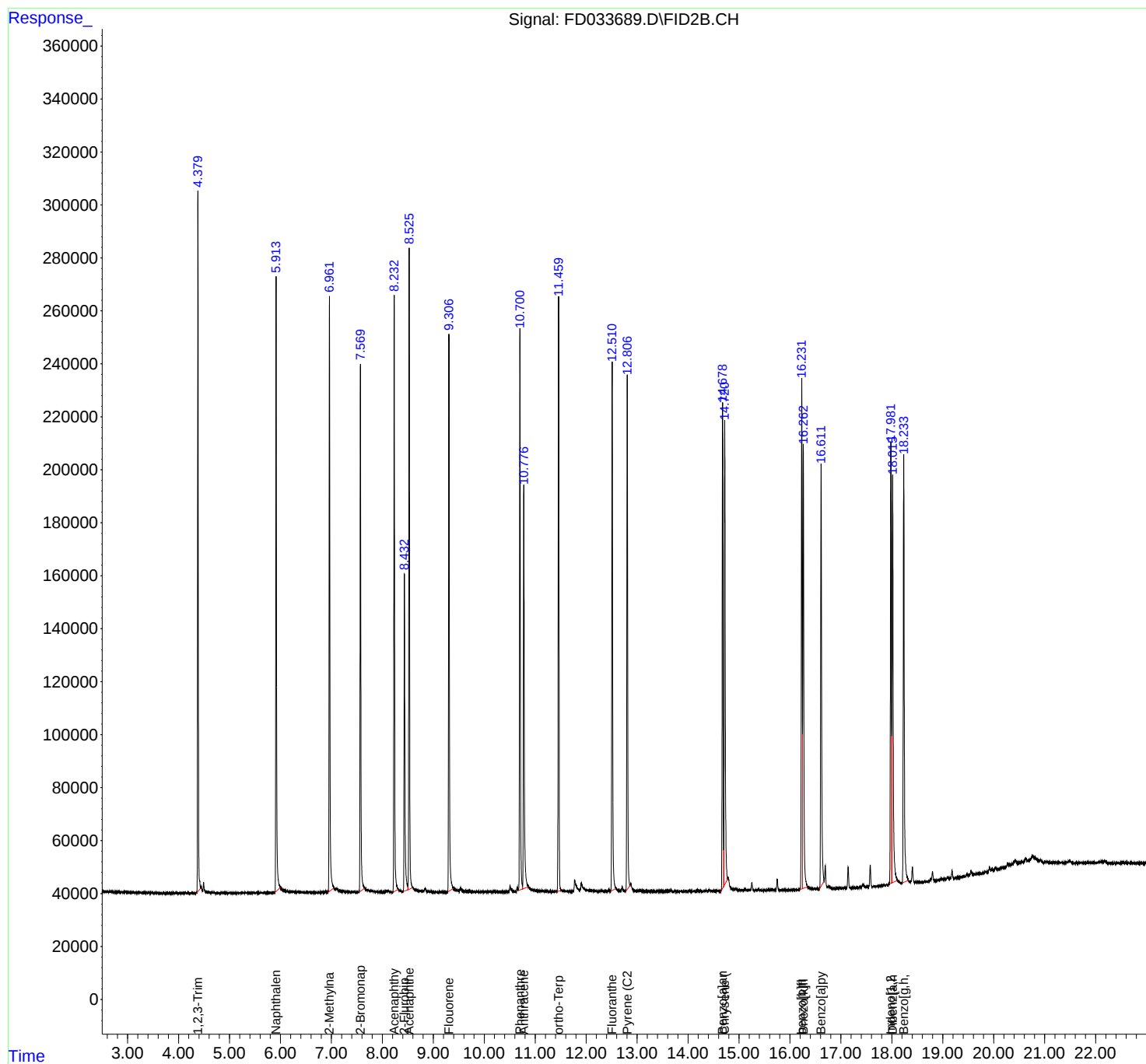
(f)=RT Delta > 1/2 Window

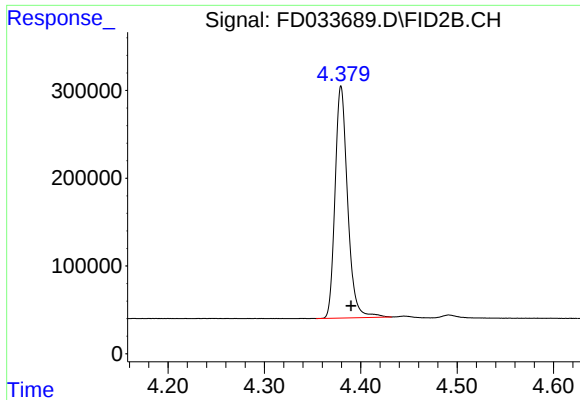
(m)=manual int.

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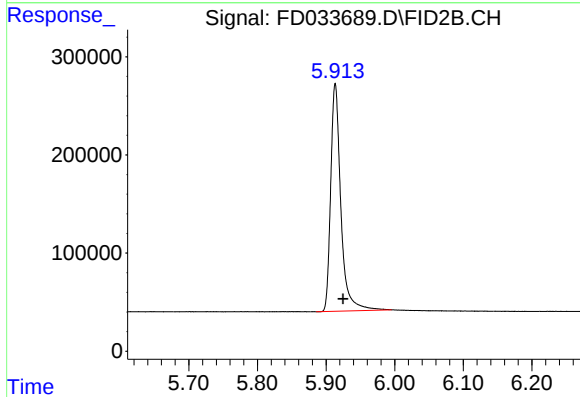
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





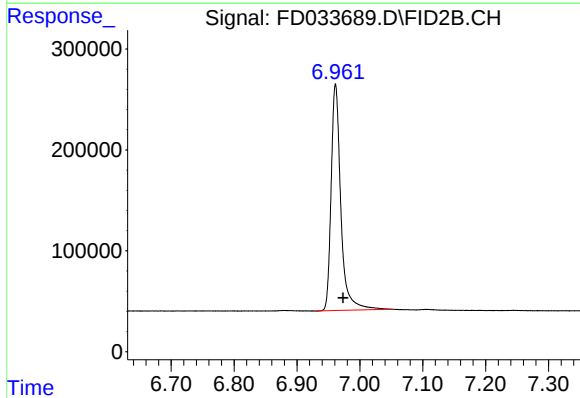
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min
Delta R.T.: -0.010 min
Response: 2394989
Conc: 21.01 ug/ml



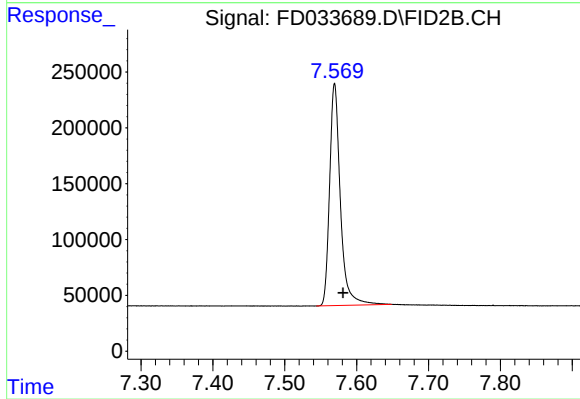
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.011 min
Response: 2381769
Conc: 20.66 ug/ml



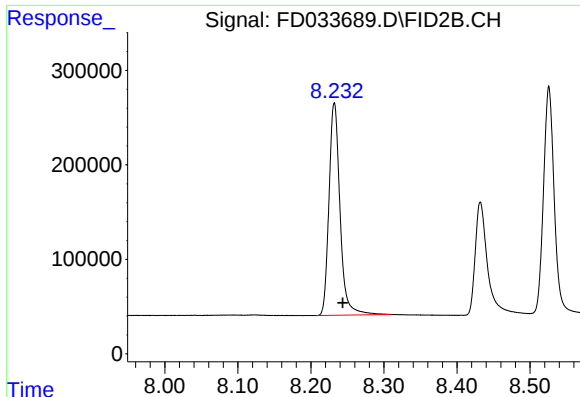
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.961 min
Delta R.T.: -0.012 min
Response: 2403919
Conc: 20.24 ug/ml



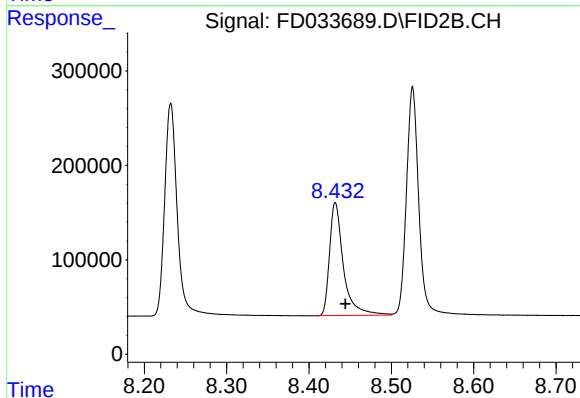
#4 2-Bromonaphthalene (SURR)

R.T.: 7.569 min
Delta R.T.: -0.012 min
Response: 2076789
Conc: 19.97 ug/ml



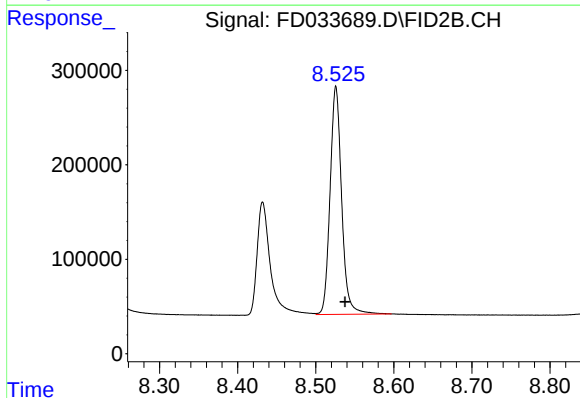
#5 Acenaphthylene (C15.06)

R.T.: 8.232 min
Delta R.T.: -0.012 min
Response: 2366100
Conc: 19.31 ug/ml



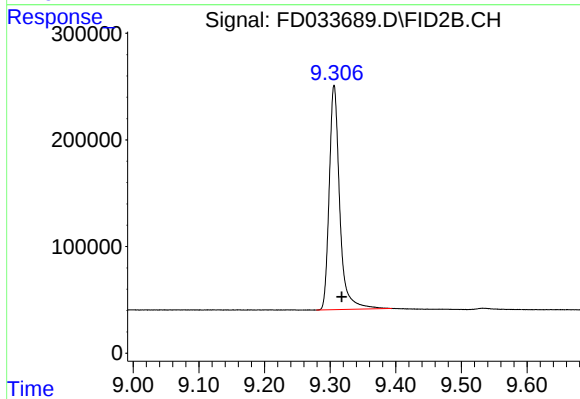
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.432 min
Delta R.T.: -0.012 min
Response: 1408004
Conc: 20.37 ug/ml



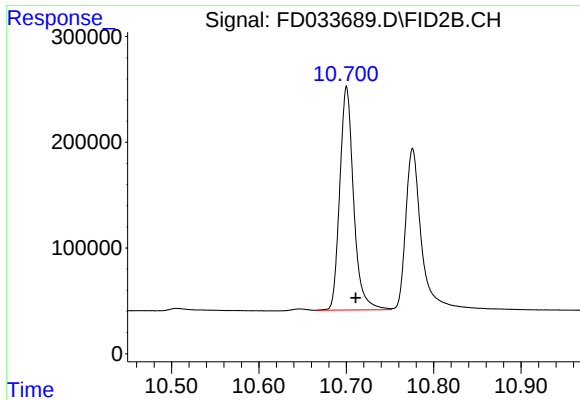
#7 Acenaphthene (C15.5)

R.T.: 8.526 min
Delta R.T.: -0.011 min
Response: 2487631
Conc: 19.26 ug/ml



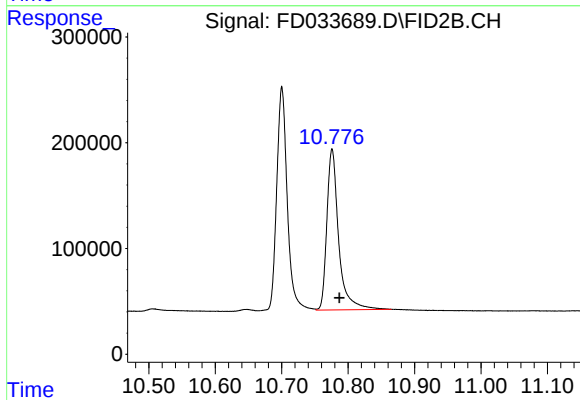
#8 Fluorene (C16.55)

R.T.: 9.306 min
Delta R.T.: -0.012 min
Response: 2337968
Conc: 19.68 ug/ml



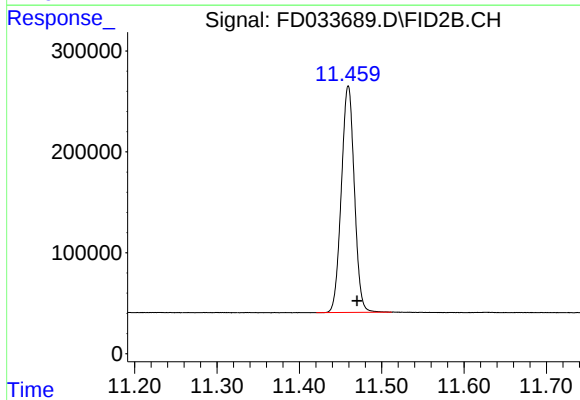
#9 Phenanthrene (C19.36)

R.T.: 10.700 min
Delta R.T.: -0.011 min
Response: 2327386
Conc: 18.97 ug/ml



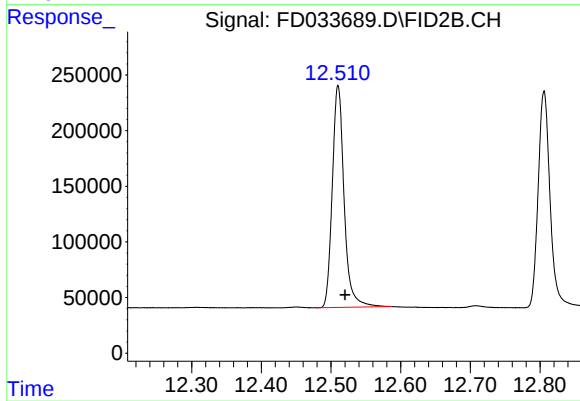
#10 Anthracene (C19.43)

R.T.: 10.776 min
Delta R.T.: -0.011 min
Response: 1876693
Conc: 15.42 ug/ml



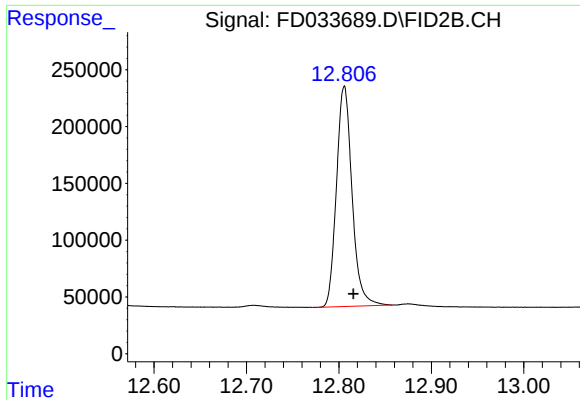
#11 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: -0.011 min
Response: 2462957
Conc: 18.78 ug/ml



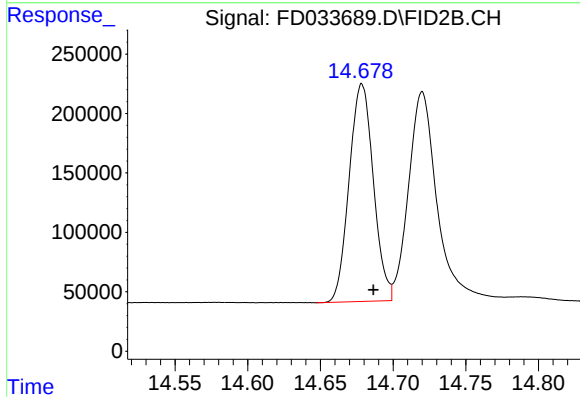
#12 Fluoranthene (C21.85)

R.T.: 12.510 min
Delta R.T.: -0.010 min
Response: 2351562
Conc: 18.65 ug/ml



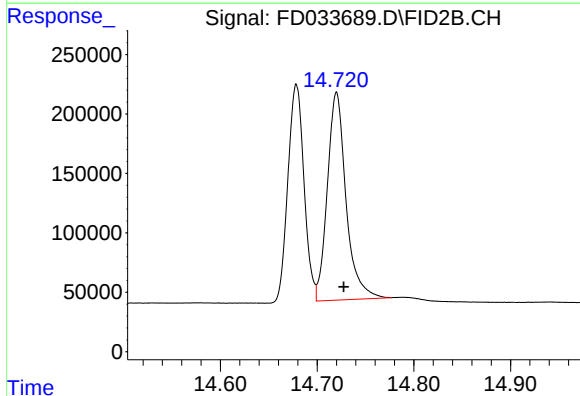
#13 Pyrene (C20.8)

R.T.: 12.806 min
Delta R.T.: -0.010 min
Response: 2276317
Conc: 18.68 ug/ml



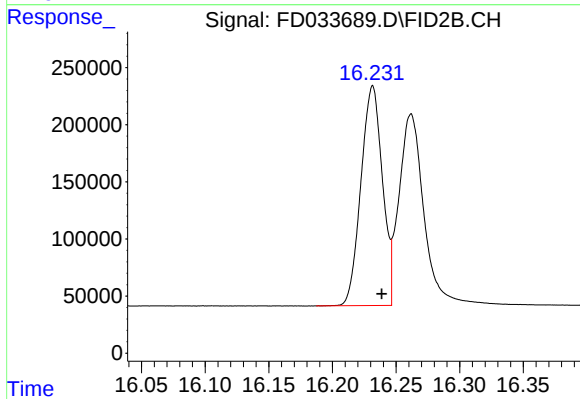
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.679 min
Delta R.T.: -0.008 min
Response: 2118699
Conc: 18.81 ug/ml



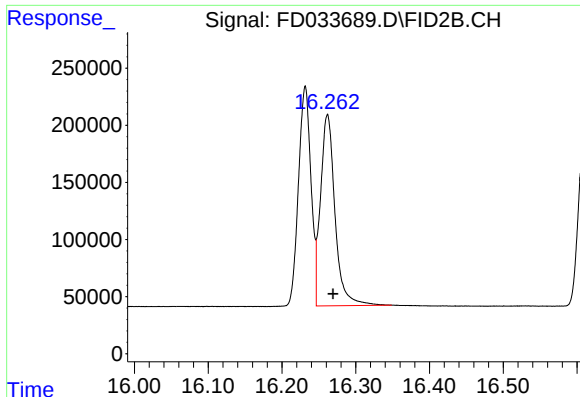
#15 Chrysene (C27.41)

R.T.: 14.720 min
Delta R.T.: -0.008 min
Response: 2343688
Conc: 18.03 ug/ml



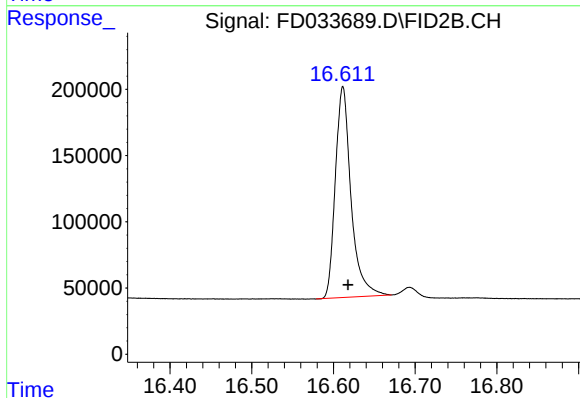
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.232 min
Delta R.T.: -0.007 min
Response: 2256139
Conc: 19.76 ug/ml



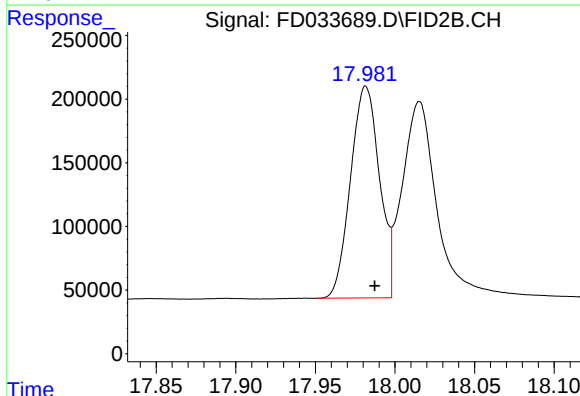
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.262 min
Delta R.T.: -0.008 min
Response: 2283185
Conc: 18.35 ug/ml



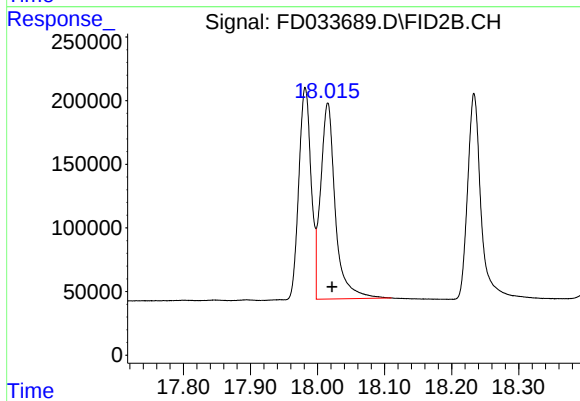
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.612 min
Delta R.T.: -0.006 min
Response: 2125764
Conc: 18.13 ug/ml



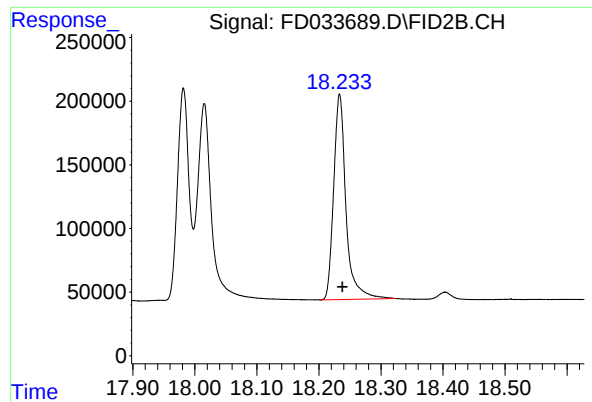
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.982 min
Delta R.T.: -0.006 min
Response: 2107886
Conc: 20.65 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.006 min
Response: 2354237
Conc: 19.51 ug/ml



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

R.T.: 18.233 min
Delta R.T.: -0.004 min
Response: 2222436
Conc: 19.95 ug/ml