

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082321AR\
 Data File : FD038685.D
 Signal(s) : FID2B.CH
 Acq On : 23 Aug 2021 10:57
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 13:25:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 2021
 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...	7.465	2215264	17.480 ug/ml
Spiked Amount 50.000		Recovery =	34.96%
6) S 2-Fluorobiphenyl (SURR)	8.325	1437056	16.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.10%
11) S ortho-Terphenyl (SURR)	11.358	2315432	16.141 ug/ml
Spiked Amount 50.000		Recovery =	32.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	2572589	18.344 ug/ml
2) T Naphthalene (C11.7)	5.804	2593974	17.812 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	2529647	17.443 ug/ml
5) T Acenaphthylene (C15.06)	8.125	2416141	16.734 ug/ml
7) T Acenaphthene (C15.5)	8.421	2515258	16.804 ug/ml
8) T Fluorene (C16.55)	9.201	2329239	16.346 ug/ml
9) T Phenanthrene (C19.36)	10.595	2161398	15.313 ug/ml
10) T Anthracene (C19.43)	10.670	2032892	14.870 ug/ml
12) T Fluoranthene (C21.85)	12.404	2061408	14.676 ug/ml
13) T Pyrene (C20.8)	12.700	2035160	14.528 ug/ml
14) T Benzo[a]anthracene (C...	14.573	1898915	14.830 ug/ml
15) T Chrysene (C27.41)	14.615	2059904	14.915 ug/ml
16) T benzo[b]fluoranthene ...	16.127	1988371	15.901 ug/ml
17) T Bnezo[k]fluoranthene ...	16.158	2052856	15.572 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	1891904	15.830 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	1914997	17.381 ug/ml
20) T Dibenz[a,h]anthracene...	17.913	2080697	16.904 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	2017689	17.614 ug/ml

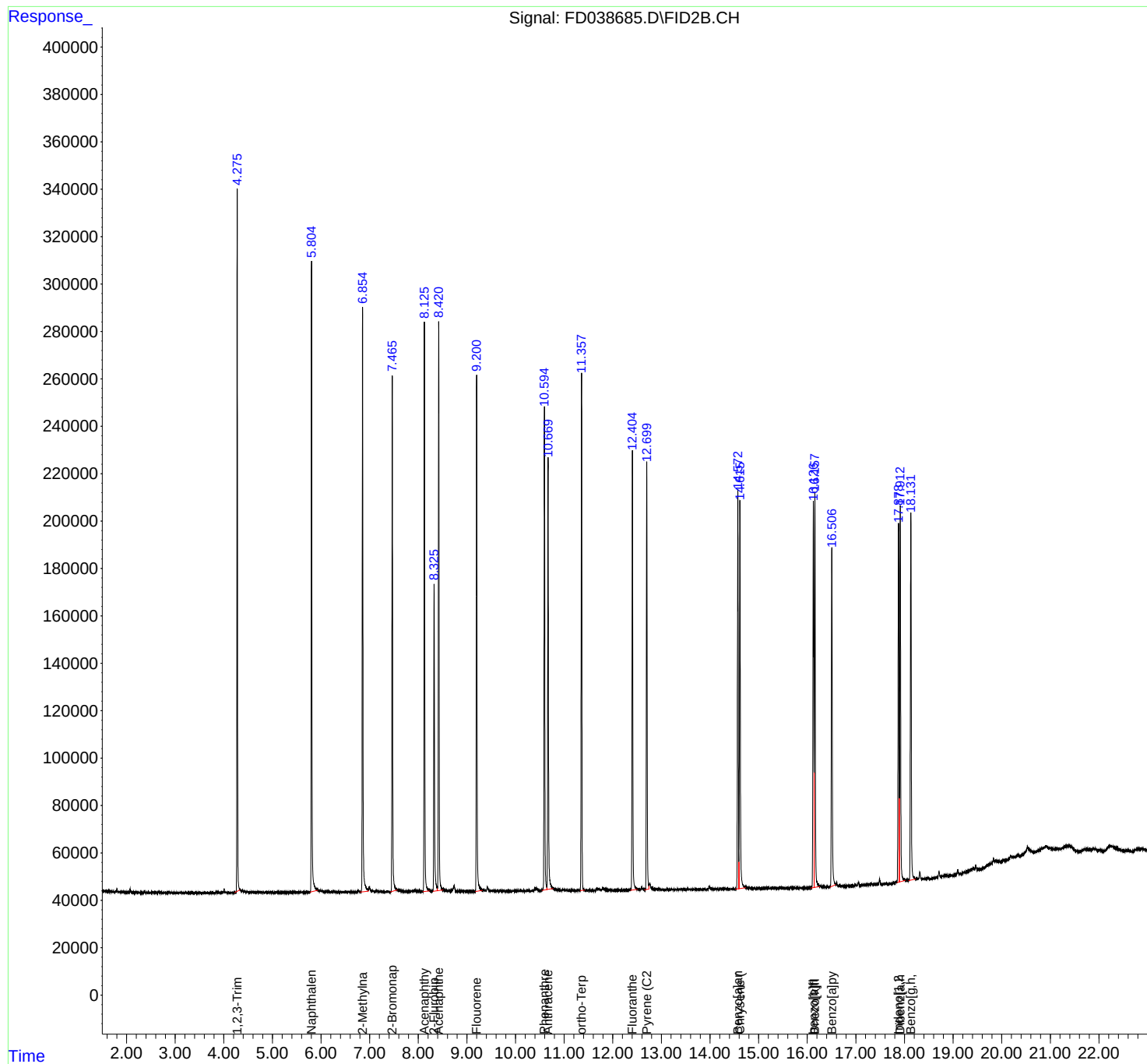
(f)=RT Delta > 1/2 Window

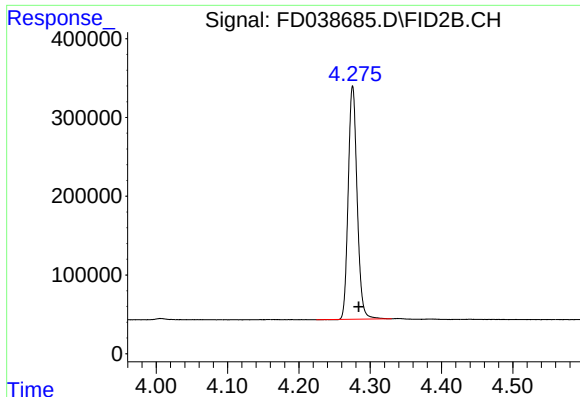
(m)=manual int.

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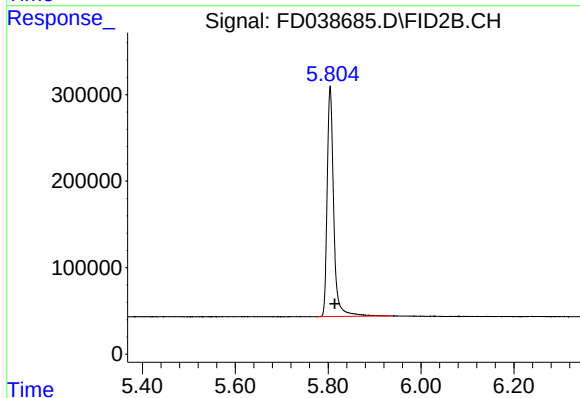
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Signal Info : 20M x 0.18mm x 0.18µm





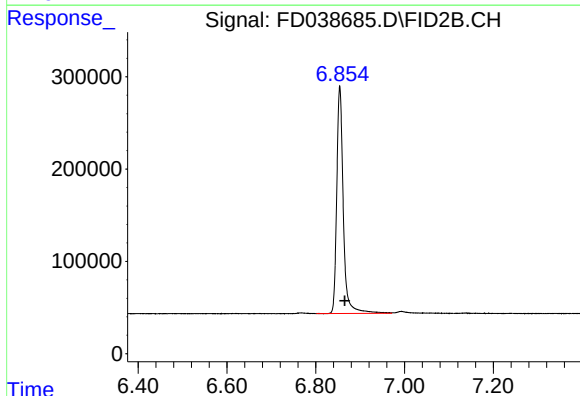
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: -0.009 min
Response: 2572589
Conc: 18.34 ug/ml



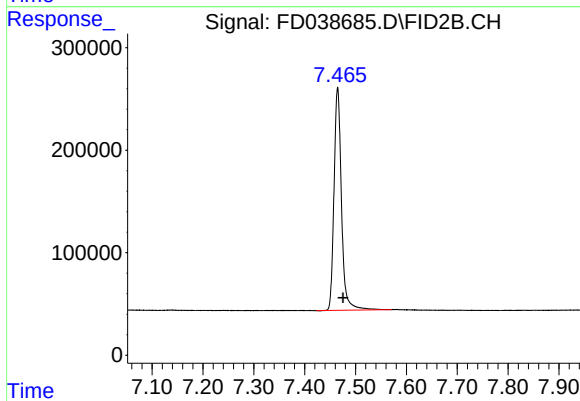
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.010 min
Response: 2593974
Conc: 17.81 ug/ml



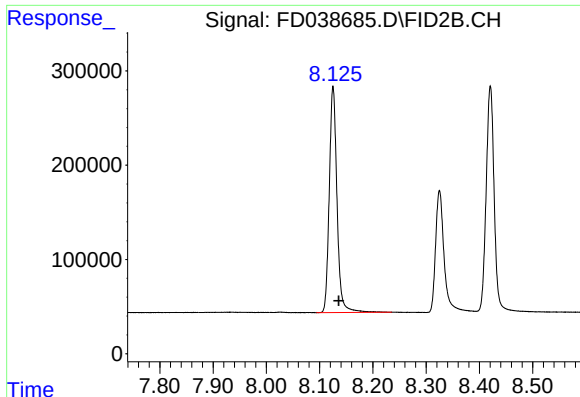
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 2529647
Conc: 17.44 ug/ml



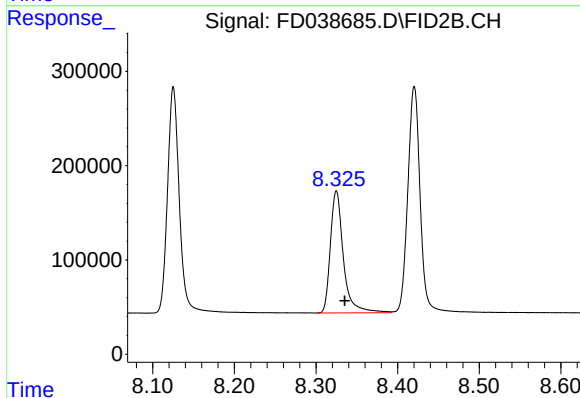
#4 2-Bromonaphthalene (SURR)

R.T.: 7.465 min
Delta R.T.: -0.011 min
Response: 2215264
Conc: 17.48 ug/ml



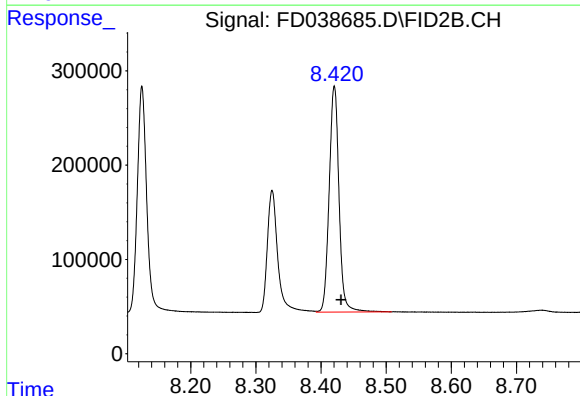
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: -0.011 min
Response: 2416141
Conc: 16.73 ug/ml



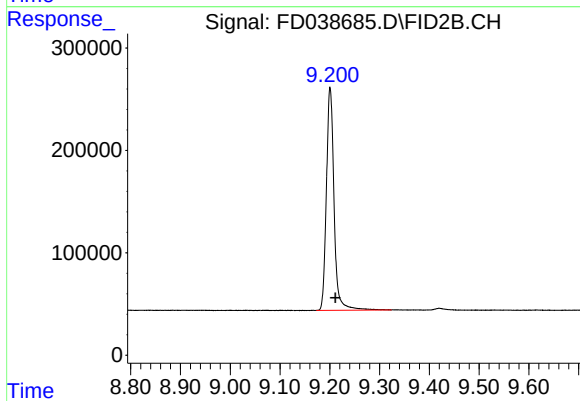
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.325 min
Delta R.T.: -0.010 min
Response: 1437056
Conc: 16.55 ug/ml



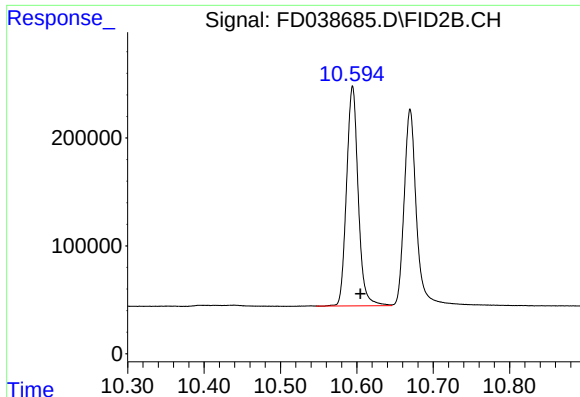
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: -0.010 min
Response: 2515258
Conc: 16.80 ug/ml



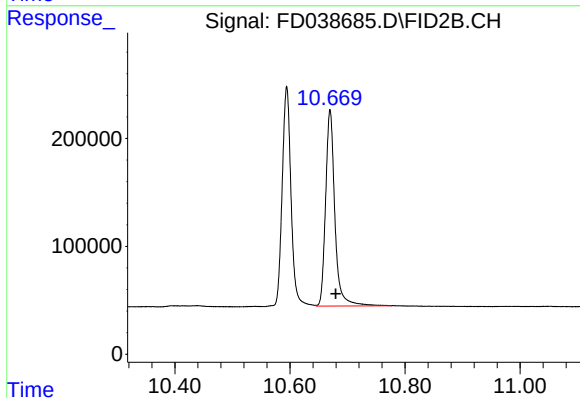
#8 Fluorene (C16.55)

R.T.: 9.201 min
Delta R.T.: -0.011 min
Response: 2329239
Conc: 16.35 ug/ml



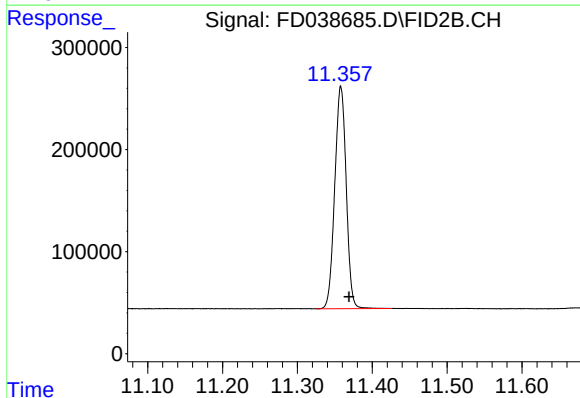
#9 Phenanthrene (C19.36)

R.T.: 10.595 min
Delta R.T.: -0.010 min
Response: 2161398
Conc: 15.31 ug/ml



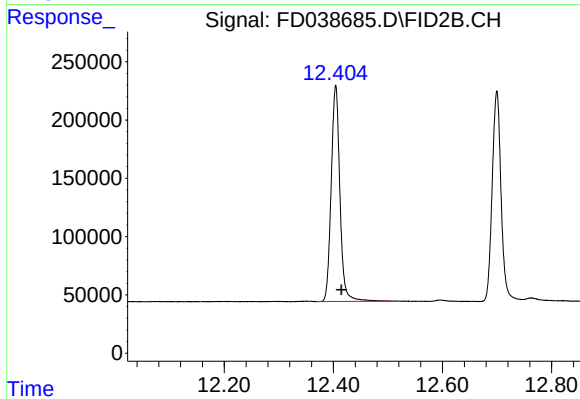
#10 Anthracene (C19.43)

R.T.: 10.670 min
Delta R.T.: -0.010 min
Response: 2032892
Conc: 14.87 ug/ml



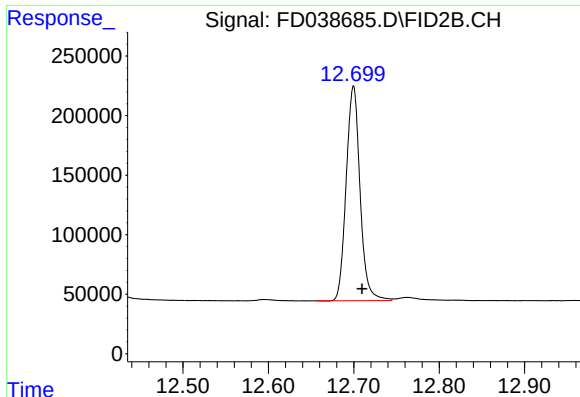
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: -0.011 min
Response: 2315432
Conc: 16.14 ug/ml



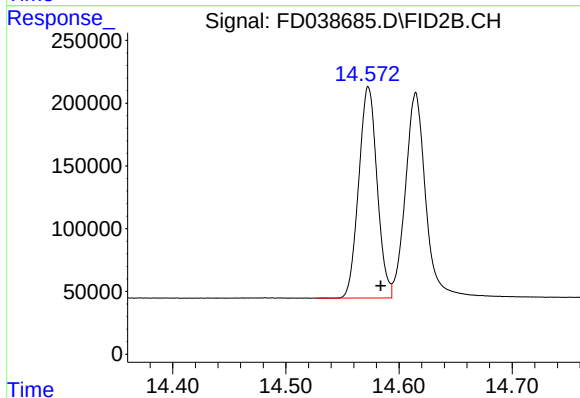
#12 Fluoranthene (C21.85)

R.T.: 12.404 min
Delta R.T.: -0.010 min
Response: 2061408
Conc: 14.68 ug/ml



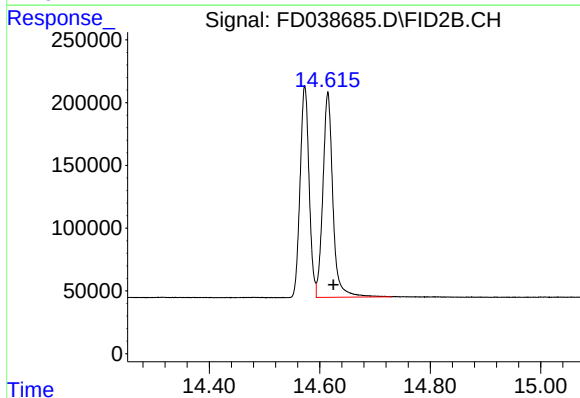
#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: -0.010 min
Response: 2035160
Conc: 14.53 ug/ml



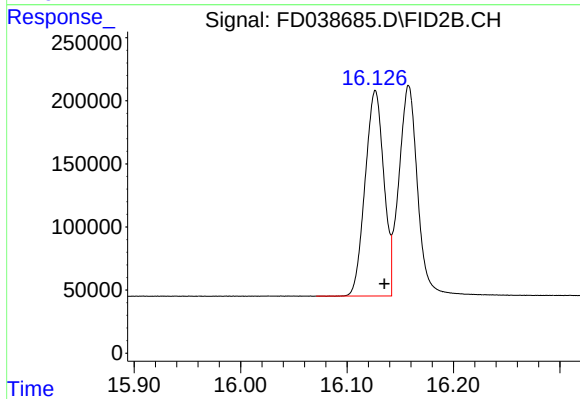
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.573 min
Delta R.T.: -0.011 min
Response: 1898915
Conc: 14.83 ug/ml



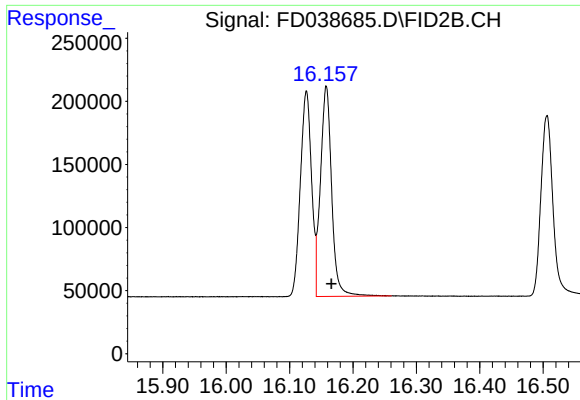
#15 Chrysene (C27.41)

R.T.: 14.615 min
Delta R.T.: -0.010 min
Response: 2059904
Conc: 14.91 ug/ml



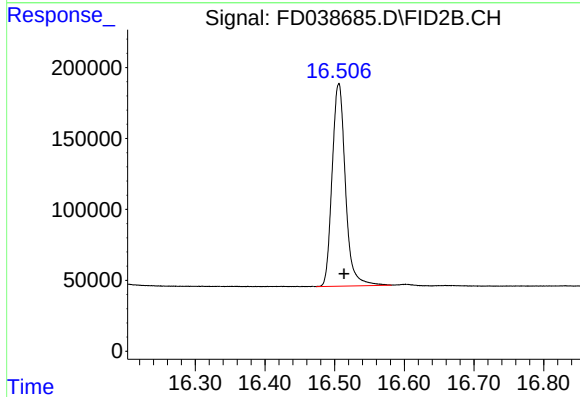
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.127 min
Delta R.T.: -0.008 min
Response: 1988371
Conc: 15.90 ug/ml



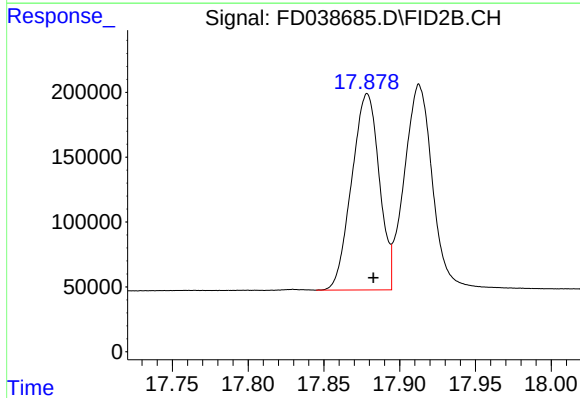
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.158 min
Delta R.T.: -0.008 min
Response: 2052856
Conc: 15.57 ug/ml



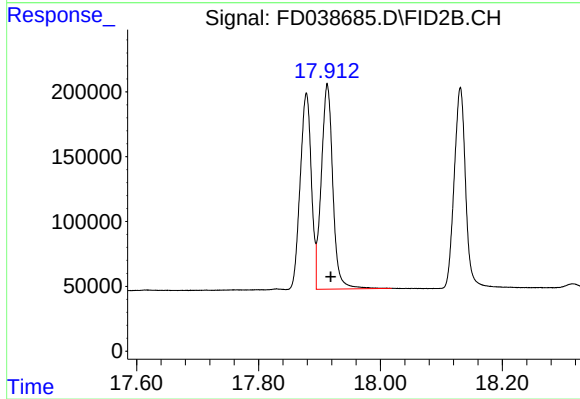
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: -0.007 min
Response: 1891904
Conc: 15.83 ug/ml



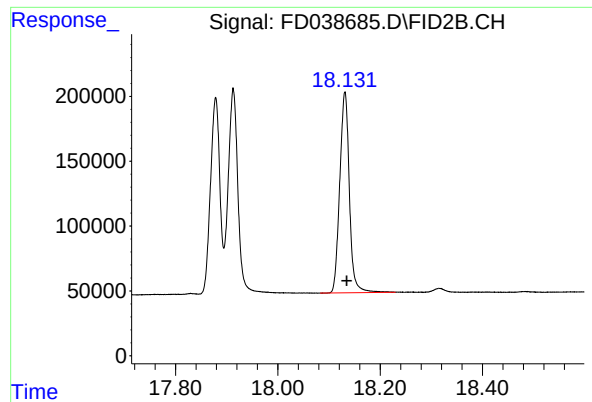
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: -0.004 min
Response: 1914997
Conc: 17.38 ug/ml



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

R.T.: 17.913 min
Delta R.T.: -0.006 min
Response: 2080697
Conc: 16.90 ug/ml



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

R.T.: 18.131 min
Delta R.T.: -0.004 min
Response: 2017689
Conc: 17.61 ug/ml