

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071018AR\
 Data File : FD024940.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2018 13:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 11 13:39:39 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 2018
 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...	7.476	1863148	20.367 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
6) S 2-Fluorobiphenyl (SURR)	8.331	1186550	18.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.42%
11) S ortho-Terphenyl (SURR)	11.378	1781655	17.753 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	2093685	22.528 ug/ml
2) T Naphthalene (C11.7)	5.809	2200901	21.690 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	2108856	20.742 ug/ml
5) T Acenaphthylene (C15.06)	8.134	1895497	18.984 ug/ml
7) T Acenaphthene (C15.5)	8.430	1964315	18.804 ug/ml
8) T Flouorene (C16.55)	9.210	1875545	17.950 ug/ml
9) T Phenanthrene (C19.36)	10.603	1812661	17.630 ug/ml
10) T Anthracene (C19.43)	10.678	1795039	17.607 ug/ml
12) T Fluoranthene (C21.85)	12.413	1932961	19.386 ug/ml
13) T Pyrene (C20.8)	12.708	1957138	19.682 ug/ml
14) T Benzo[a]anthracene (C...	14.582	2000485	21.309 ug/ml
15) T Chrysene (C27.41)	14.624	2013255	21.281 ug/ml
16) T benzo[b]fluoranthene ...	16.131	2060673	19.927 ug/ml
17) T Bnezo[k]fluoranthene ...	16.165	2087110	19.778 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.508	2044868	19.677 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.872	2011992	18.876 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	2071117	19.802 ug/ml
21) T Benzo[g,h,i]perylene ...	18.127	2018529	19.004 ug/ml

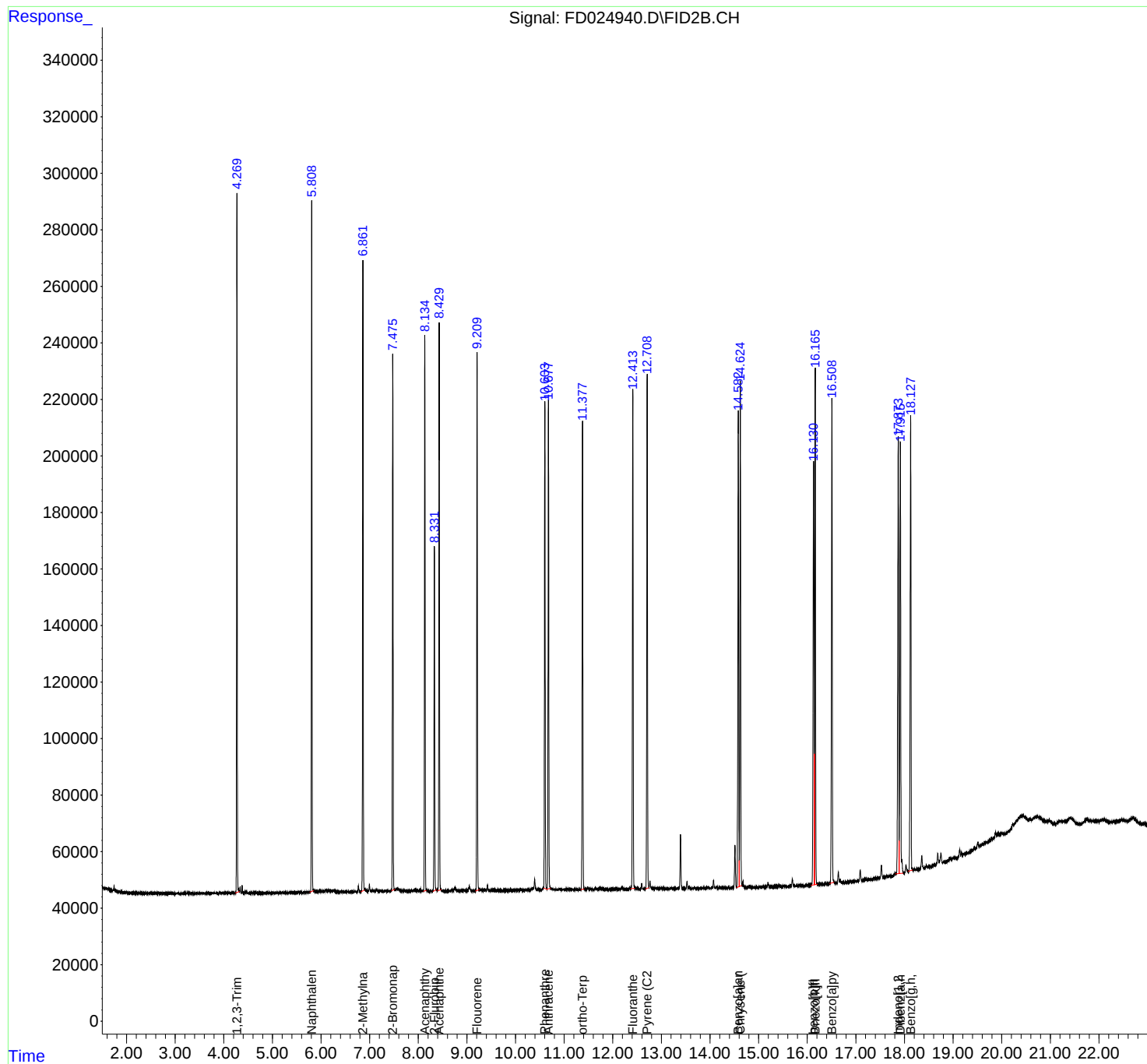
(f)=RT Delta > 1/2 Window

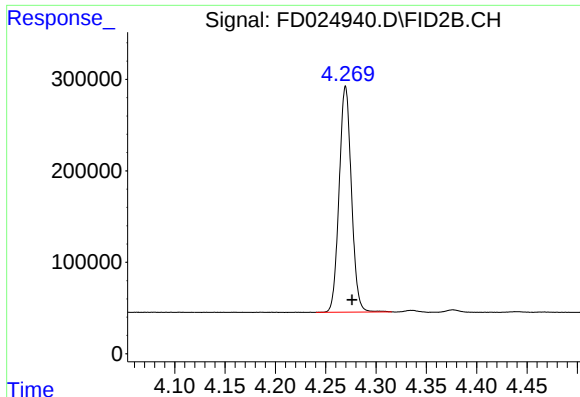
(m)=manual int.

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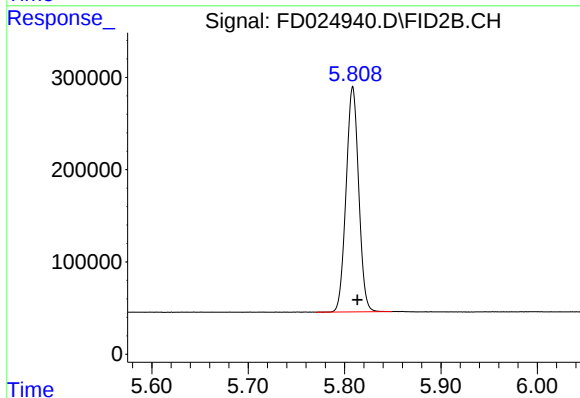
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





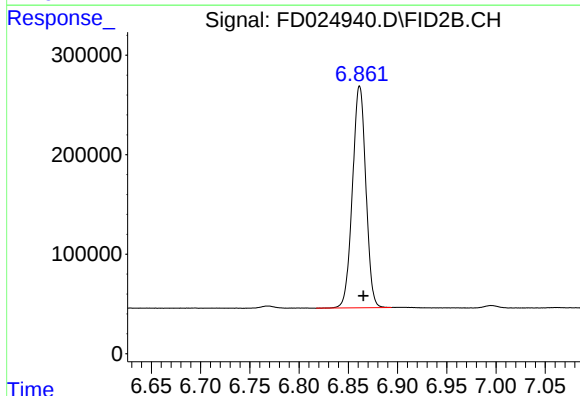
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: -0.006 min
Response: 2093685
Conc: 22.53 ug/ml



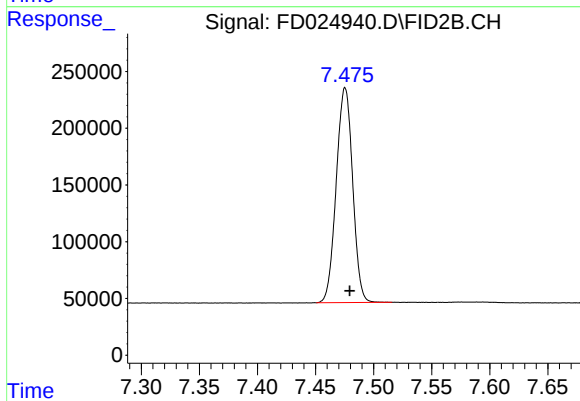
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.005 min
Response: 2200901
Conc: 21.69 ug/ml



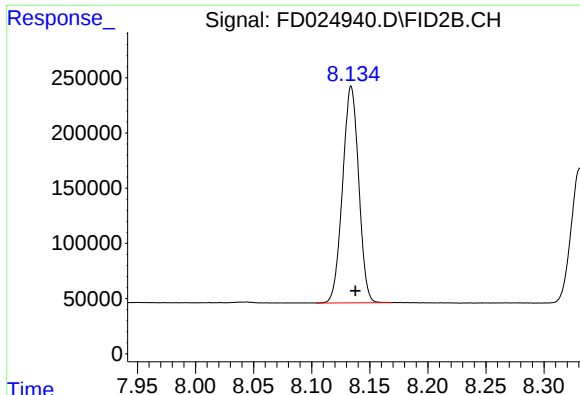
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 2108856
Conc: 20.74 ug/ml



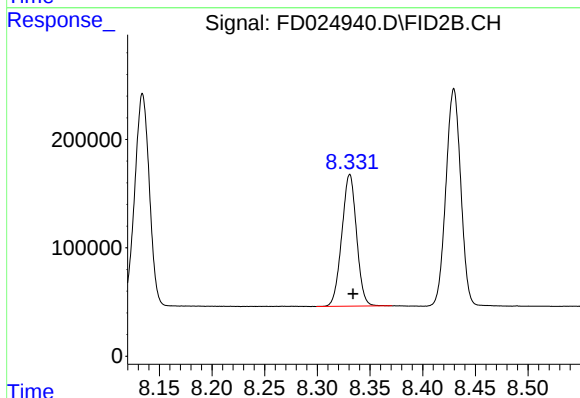
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.004 min
Response: 1863148
Conc: 20.37 ug/ml



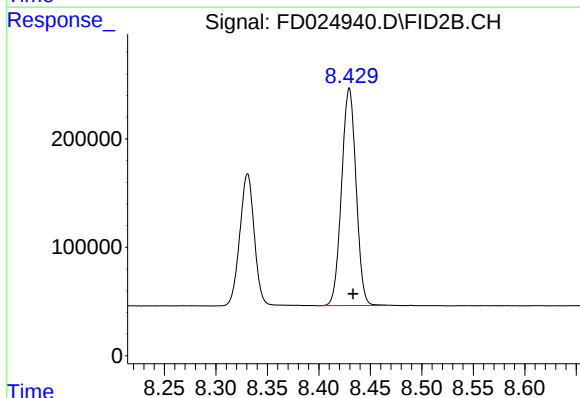
#5 Acenaphthylene (C15.06)

R.T.: 8.134 min
Delta R.T.: -0.003 min
Response: 1895497
Conc: 18.98 ug/ml



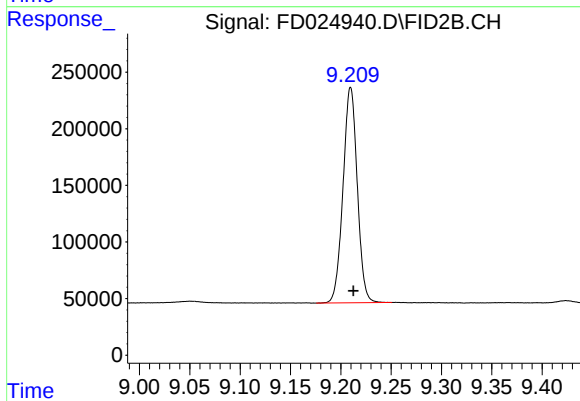
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 1186550
Conc: 18.71 ug/ml



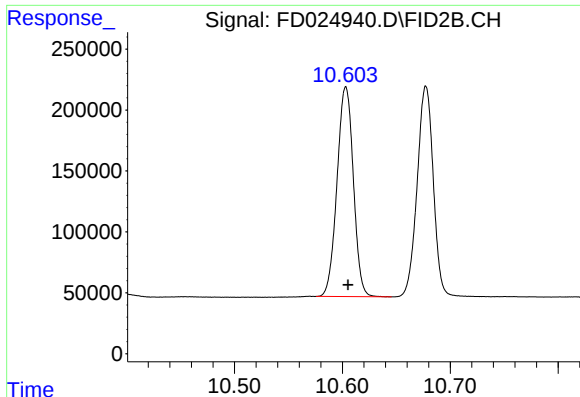
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: -0.004 min
Response: 1964315
Conc: 18.80 ug/ml



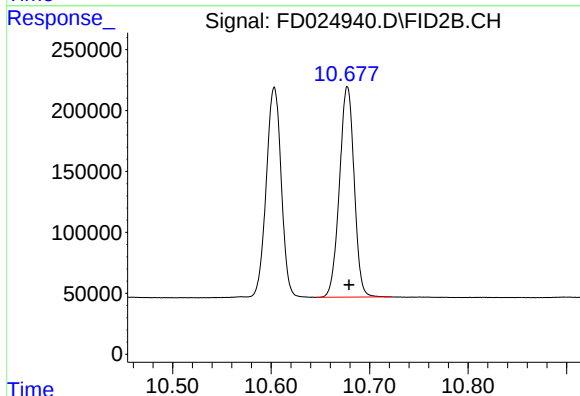
#8 Fluorene (C16.55)

R.T.: 9.210 min
Delta R.T.: -0.003 min
Response: 1875545
Conc: 17.95 ug/ml



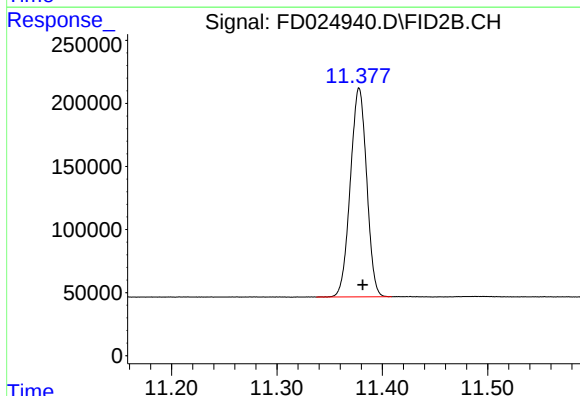
#9 Phenanthrene (C19.36)

R.T.: 10.603 min
Delta R.T.: -0.002 min
Response: 1812661
Conc: 17.63 ug/ml



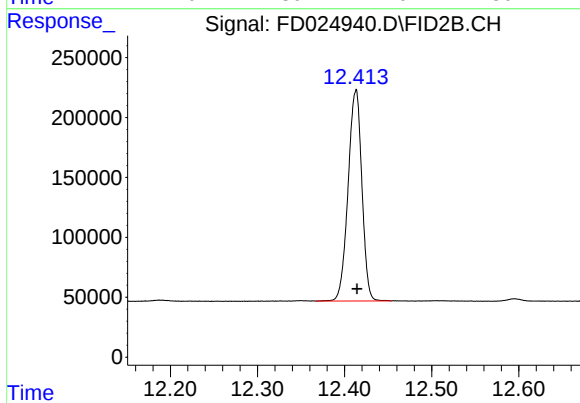
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: -0.001 min
Response: 1795039
Conc: 17.61 ug/ml



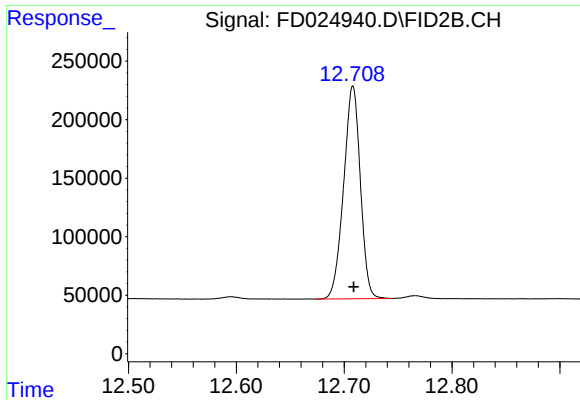
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.004 min
Response: 1781655
Conc: 17.75 ug/ml



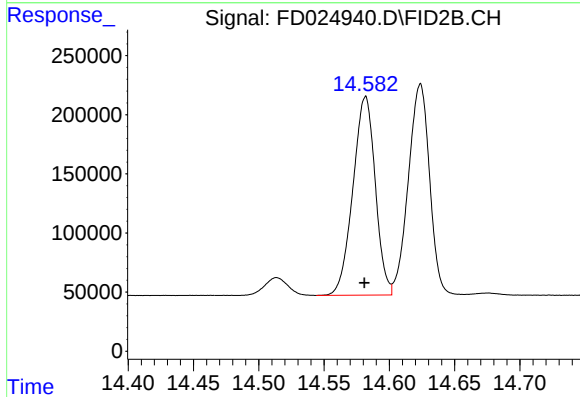
#12 Fluoranthene (C21.85)

R.T.: 12.413 min
Delta R.T.: -0.001 min
Response: 1932961
Conc: 19.39 ug/ml



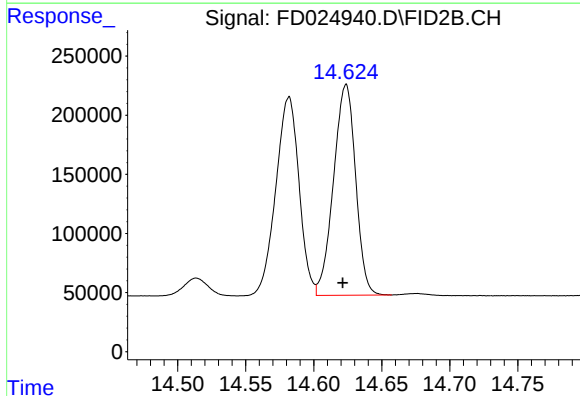
#13 Pyrene (C20.8)

R.T.: 12.708 min
Delta R.T.: 0.000 min
Response: 1957138
Conc: 19.68 ug/ml



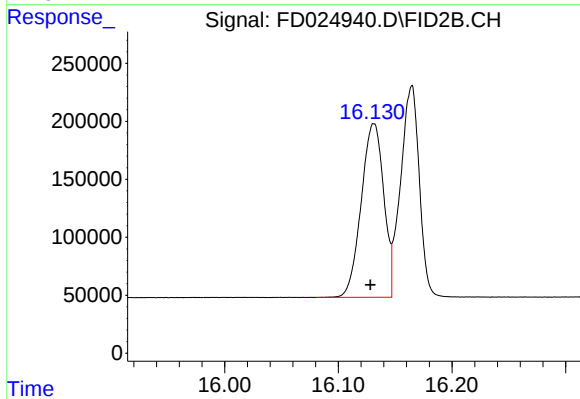
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 2000485
Conc: 21.31 ug/ml



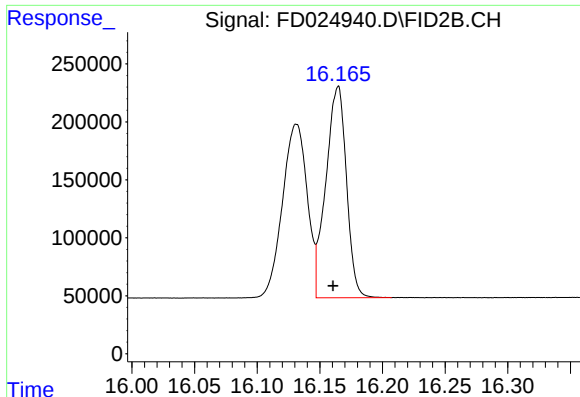
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: 0.002 min
Response: 2013255
Conc: 21.28 ug/ml



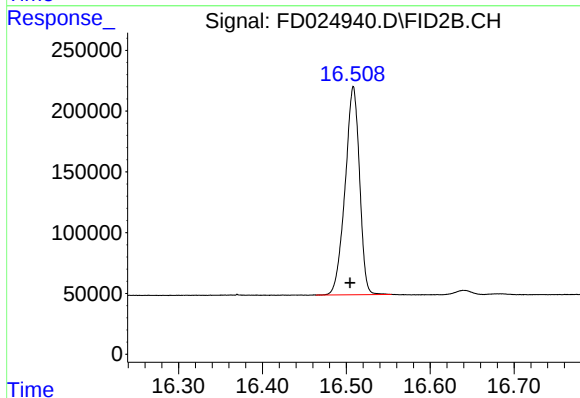
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.131 min
Delta R.T.: 0.003 min
Response: 2060673
Conc: 19.93 ug/ml



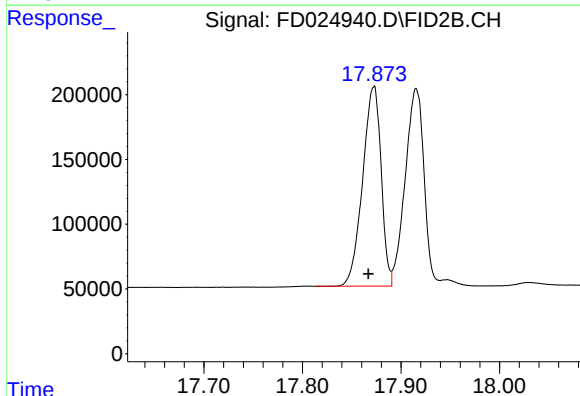
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min
Delta R.T.: 0.004 min
Response: 2087110
Conc: 19.78 ug/ml



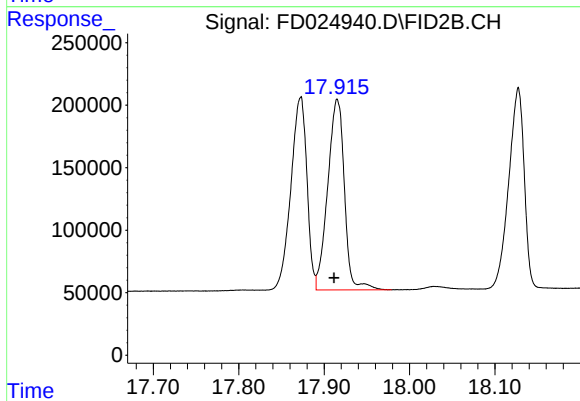
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.508 min
Delta R.T.: 0.004 min
Response: 2044868
Conc: 19.68 ug/ml



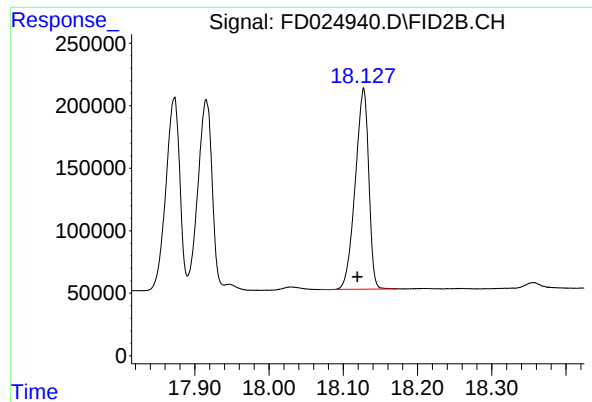
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.872 min
Delta R.T.: 0.005 min
Response: 2011992
Conc: 18.88 ug/ml



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

R.T.: 17.915 min
Delta R.T.: 0.004 min
Response: 2071117
Conc: 19.80 ug/ml



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

R.T.: 18.127 min
Delta R.T.: 0.008 min
Response: 2018529
Conc: 19.00 ug/ml