

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111418AR\
 Data File : FD026648.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2018 4:14
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 15 06:53:29 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 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...	7.387	1447918	19.070 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
6) S 2-Fluorobiphenyl (SURR)	8.238	1007643	19.271 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.54%
11) S ortho-Terphenyl (SURR)	11.280	1748042	20.623 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	1652958	20.708 ug/ml
2) T Naphthalene (C11.7)	5.723	1718351	19.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.773	1664736	19.207 ug/ml
5) T Acenaphthylene (C15.06)	8.042	1619839	19.111 ug/ml
7) T Acenaphthene (C15.5)	8.337	1696758	19.191 ug/ml
8) T Flouorene (C16.55)	9.115	1701173	19.303 ug/ml
9) T Phenanthrene (C19.36)	10.503	1785674	20.340 ug/ml
10) T Anthracene (C19.43)	10.577	1769159	20.207 ug/ml
12) T Fluoranthene (C21.85)	12.308	1900126	21.818 ug/ml
13) T Pyrene (C20.8)	12.602	1923474	22.192 ug/ml
14) T Benzo[a]anthracene (C...	14.470	1893711	22.269 ug/ml
15) T Chrysene (C27.41)	14.513	1911839	22.309 ug/ml
16) T benzo[b]fluoranthene ...	16.015	1929413	20.726 ug/ml
17) T Bnezo[k]fluoranthene ...	16.047	1966695	21.238 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.390	1904179	20.175 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	1824742	19.002 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	1825655	19.449 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	1846296	18.780 ug/ml

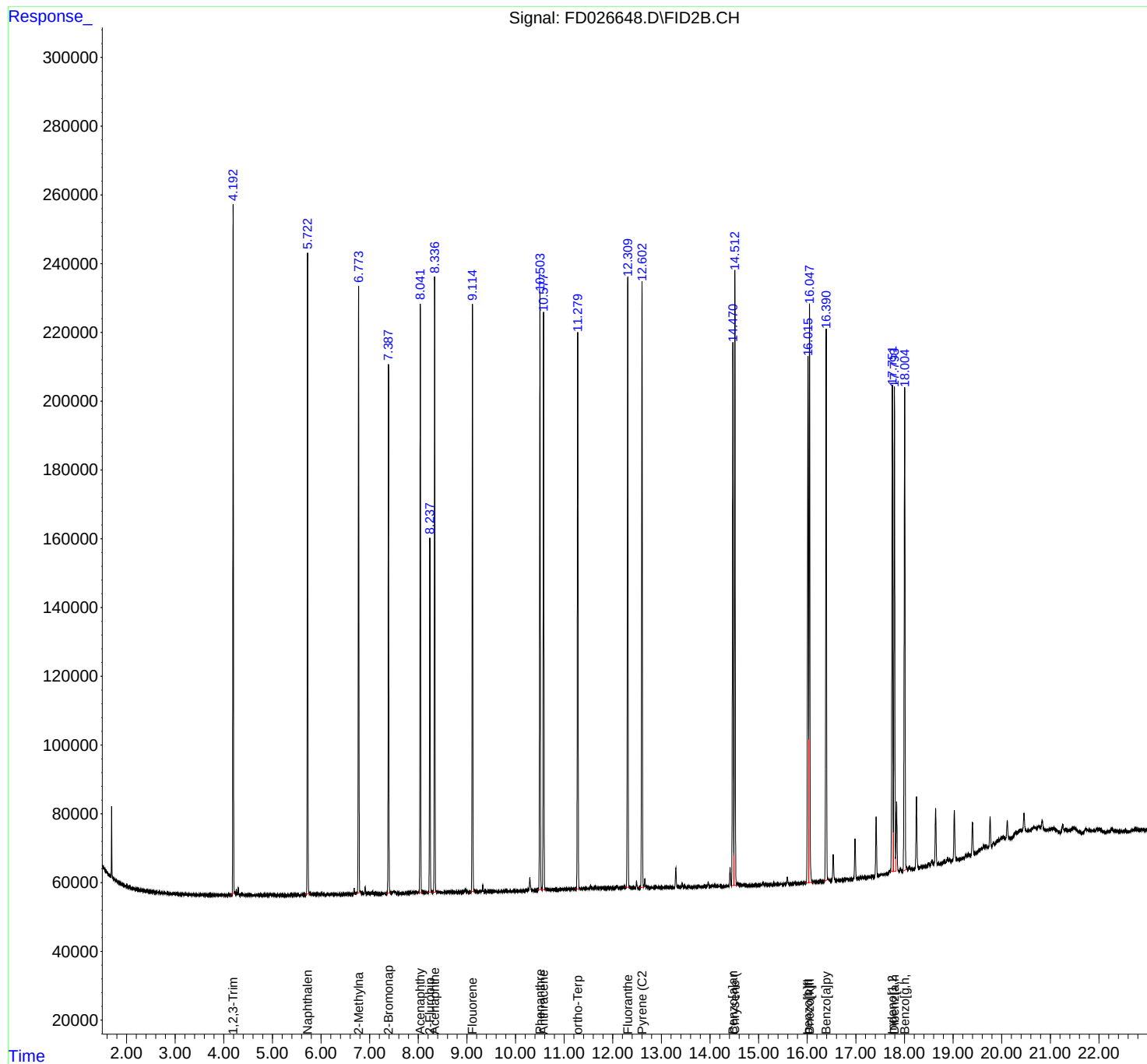
(f)=RT Delta > 1/2 Window

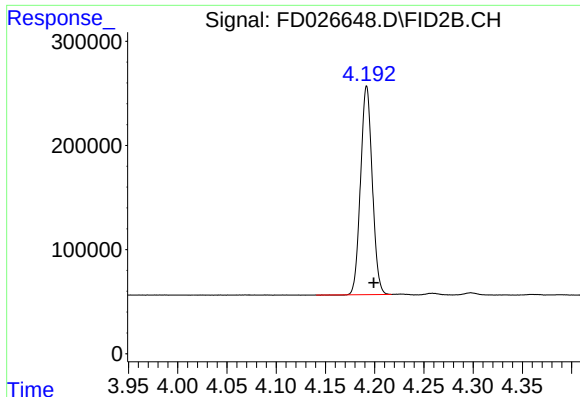
(m)=manual int.

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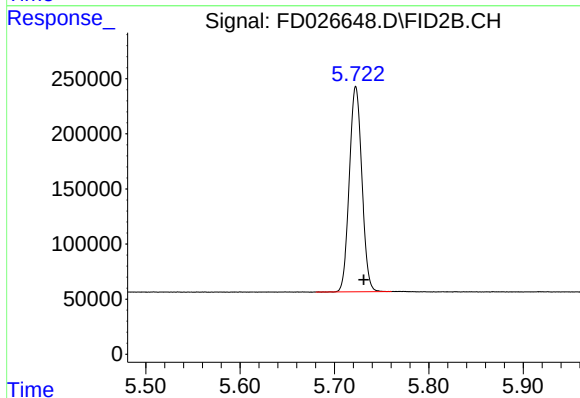
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





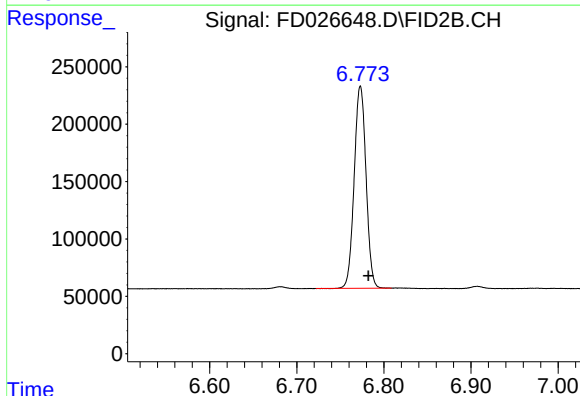
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.192 min
Delta R.T.: -0.007 min
Response: 1652958
Conc: 20.71 ug/ml



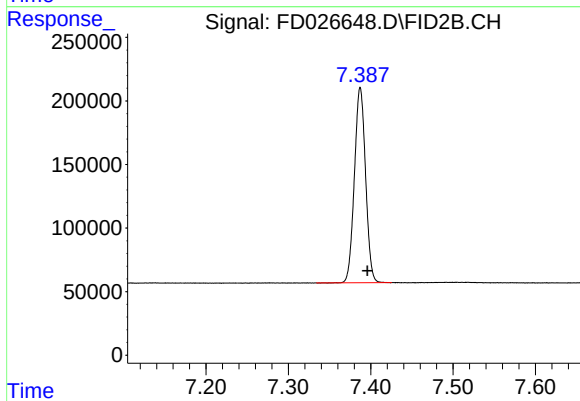
#2 Naphthalene (C11.7)

R.T.: 5.723 min
Delta R.T.: -0.008 min
Response: 1718351
Conc: 19.58 ug/ml



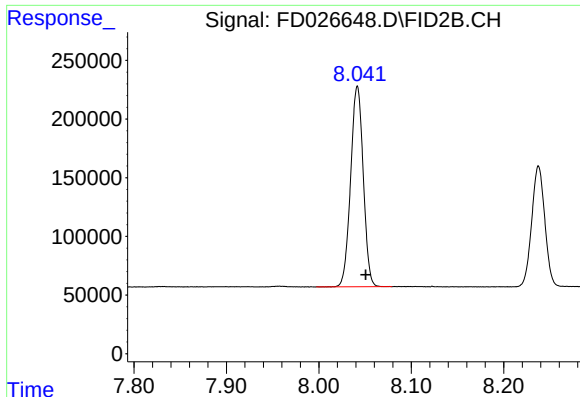
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.773 min
Delta R.T.: -0.009 min
Response: 1664736
Conc: 19.21 ug/ml



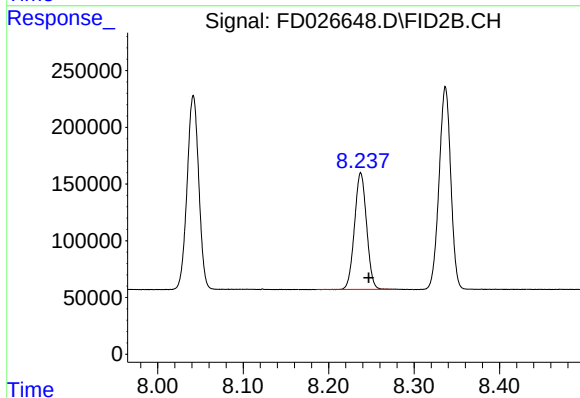
#4 2-Bromonaphthalene (SURR)

R.T.: 7.387 min
Delta R.T.: -0.009 min
Response: 1447918
Conc: 19.07 ug/ml



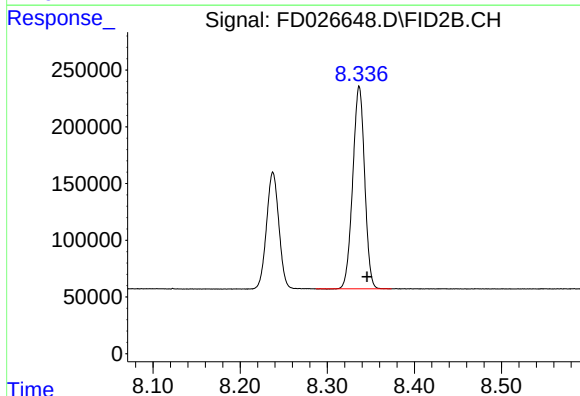
#5 Acenaphthylene (C15.06)

R.T.: 8.042 min
Delta R.T.: -0.009 min
Response: 1619839
Conc: 19.11 ug/ml



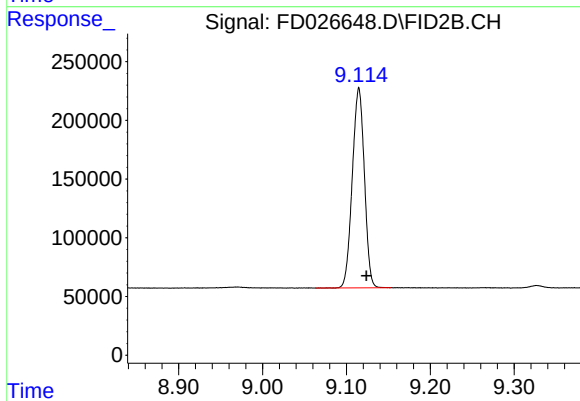
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min
Delta R.T.: -0.009 min
Response: 1007643
Conc: 19.27 ug/ml



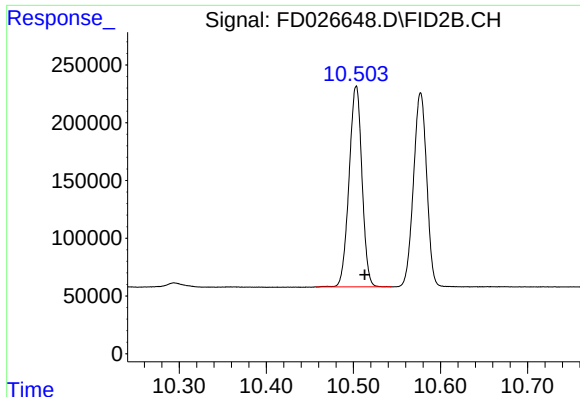
#7 Acenaphthene (C15.5)

R.T.: 8.337 min
Delta R.T.: -0.009 min
Response: 1696758
Conc: 19.19 ug/ml



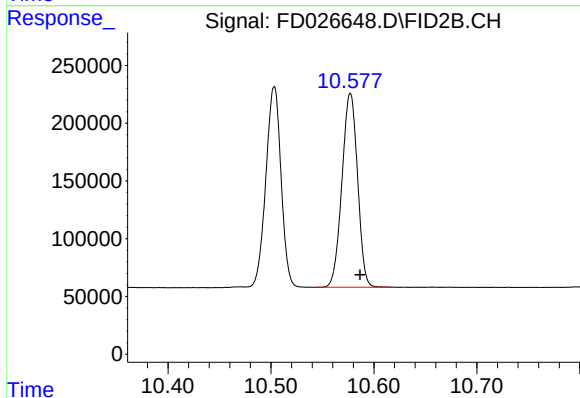
#8 Fluorene (C16.55)

R.T.: 9.115 min
Delta R.T.: -0.009 min
Response: 1701173
Conc: 19.30 ug/ml



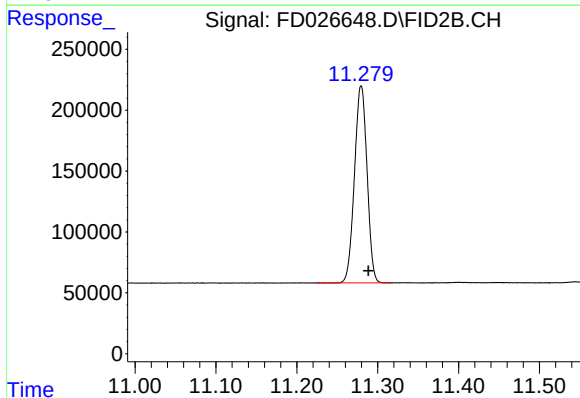
#9 Phenanthrene (C19.36)

R.T.: 10.503 min
Delta R.T.: -0.010 min
Response: 1785674
Conc: 20.34 ug/ml



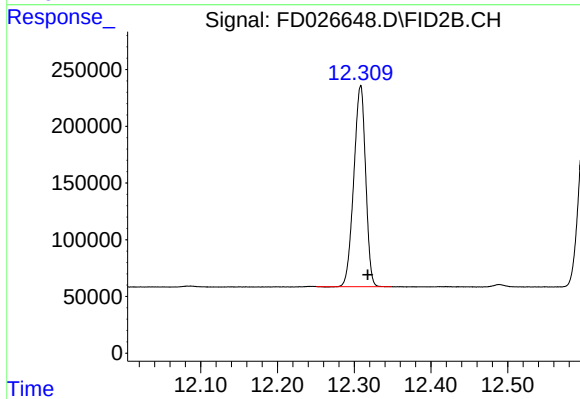
#10 Anthracene (C19.43)

R.T.: 10.577 min
Delta R.T.: -0.009 min
Response: 1769159
Conc: 20.21 ug/ml



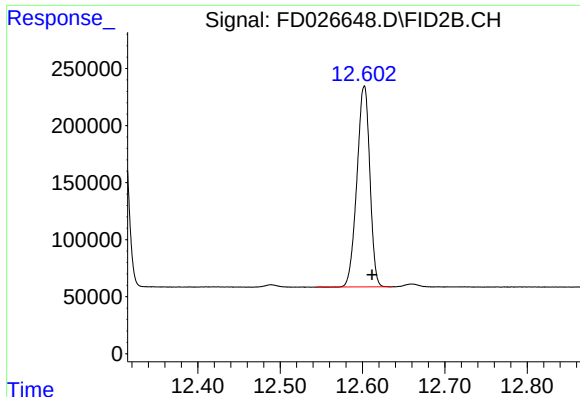
#11 ortho-Terphenyl (SURR)

R.T.: 11.280 min
Delta R.T.: -0.009 min
Response: 1748042
Conc: 20.62 ug/ml



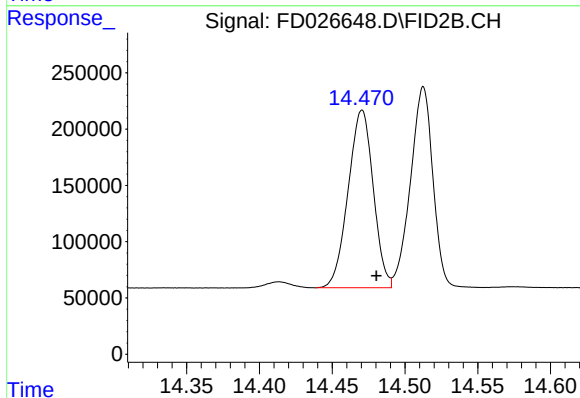
#12 Fluoranthene (C21.85)

R.T.: 12.308 min
Delta R.T.: -0.009 min
Response: 1900126
Conc: 21.82 ug/ml



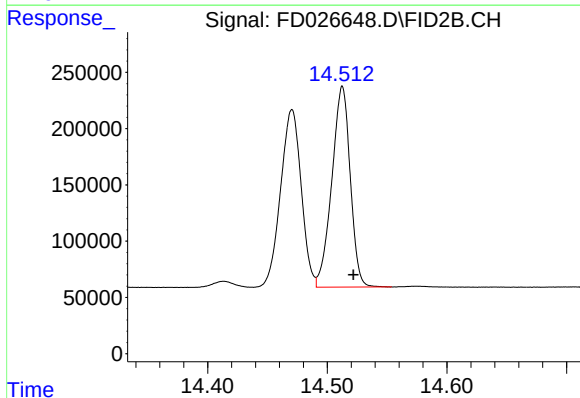
#13 Pyrene (C20.8)

R.T.: 12.602 min
Delta R.T.: -0.009 min
Response: 1923474
Conc: 22.19 ug/ml



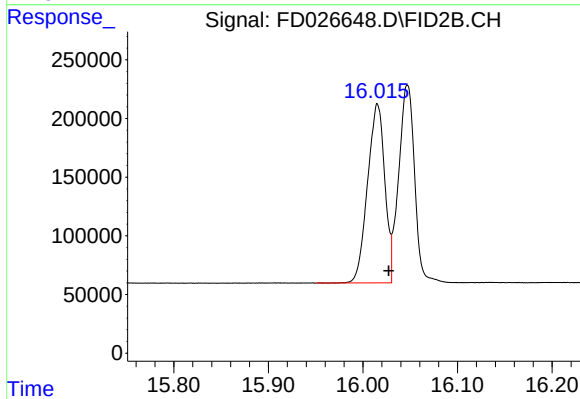
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min
Delta R.T.: -0.010 min
Response: 1893711
Conc: 22.27 ug/ml



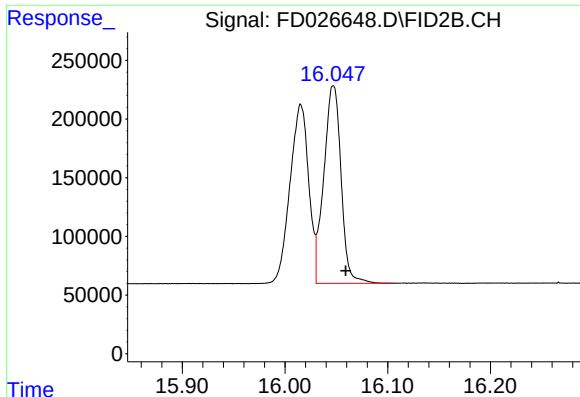
#15 Chrysene (C27.41)

R.T.: 14.513 min
Delta R.T.: -0.009 min
Response: 1911839
Conc: 22.31 ug/ml



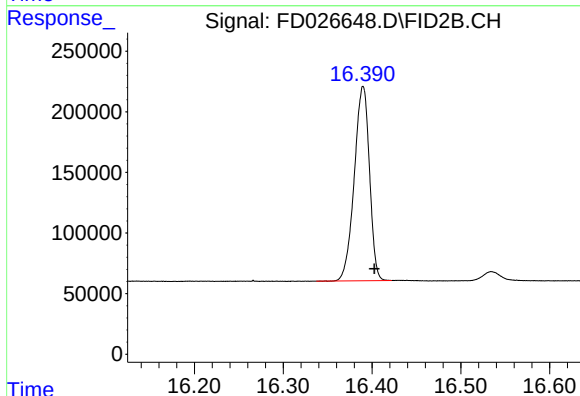
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.015 min
Delta R.T.: -0.012 min
Response: 1929413
Conc: 20.73 ug/ml



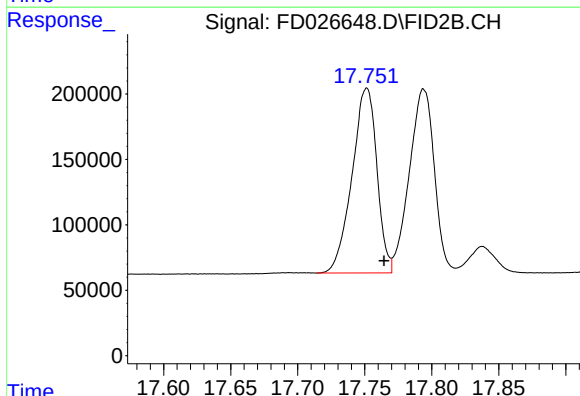
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.047 min
Delta R.T.: -0.012 min
Response: 1966695
Conc: 21.24 ug/ml



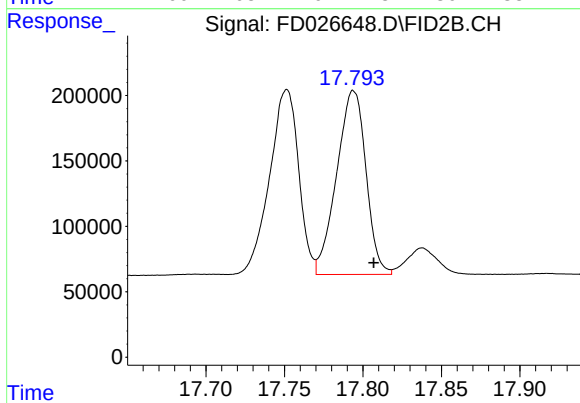
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: -0.013 min
Response: 1904179
Conc: 20.17 ug/ml



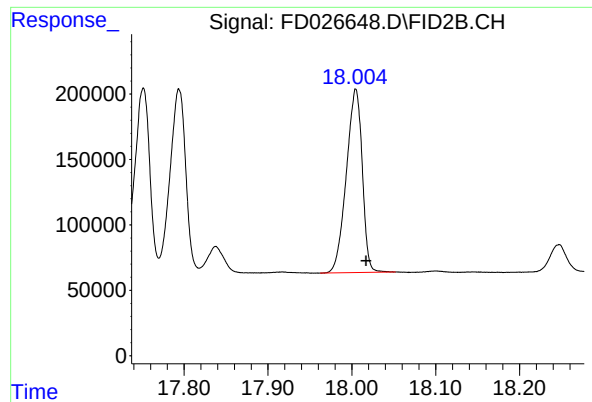
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: -0.013 min
Response: 1824742
Conc: 19.00 ug/ml



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

R.T.: 17.794 min
Delta R.T.: -0.013 min
Response: 1825655
Conc: 19.45 ug/ml



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

R.T.: 18.005 min
Delta R.T.: -0.012 min
Response: 1846296
Conc: 18.78 ug/ml