

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040219AR\
 Data File : FD028607.D
 Signal(s) : FID2B.CH
 Acq On : 03 Apr 2019 9:16
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 03 11:40:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 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...	7.111	1702092	17.941 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
6) S 2-Fluorobiphenyl (SURR)	7.978	1147747	17.606 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.21%
11) S ortho-Terphenyl (SURR)	11.018	1855486	16.676 ug/ml
Spiked Amount 50.000		Recovery =	33.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.933	1869161	19.107 ug/ml
2) T Naphthalene (C11.7)	5.456	1980552	18.590 ug/ml
3) T 2-Methylnaphthalene (...)	6.504	1947395	18.203 ug/ml
5) T Acenaphthylene (C15.06)	7.782	1832084	17.692 ug/ml
7) T Acenaphthene (C15.5)	8.077	1912405	17.630 ug/ml
8) T Flouorene (C16.55)	8.857	1879783	17.290 ug/ml
9) T Phenanthrene (C19.36)	10.256	1836268	16.957 ug/ml
10) T Anthracene (C19.43)	10.330	1819461	16.937 ug/ml
12) T Fluoranthene (C21.85)	12.068	1852241	17.132 ug/ml
13) T Pyrene (C20.8)	12.367	1856589	17.241 ug/ml
14) T Benzo[a]anthracene (C...	14.235	1869931	17.835 ug/ml
15) T Chrysene (C27.41)	14.277	1876787	17.924 ug/ml
16) T benzo[b]fluoranthene ...	15.784	1973361	18.206 ug/ml
17) T Bnezo[k]fluoranthene ...	15.816	1960809	18.272 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.163	1977818	18.279 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.525	2014413	18.228 ug/ml
20) T Dibenz[a,h]anthracene...	17.563	1984545	18.461 ug/ml
21) T Benzo[g,h,i]perylene ...	17.781	2004122	18.493 ug/ml

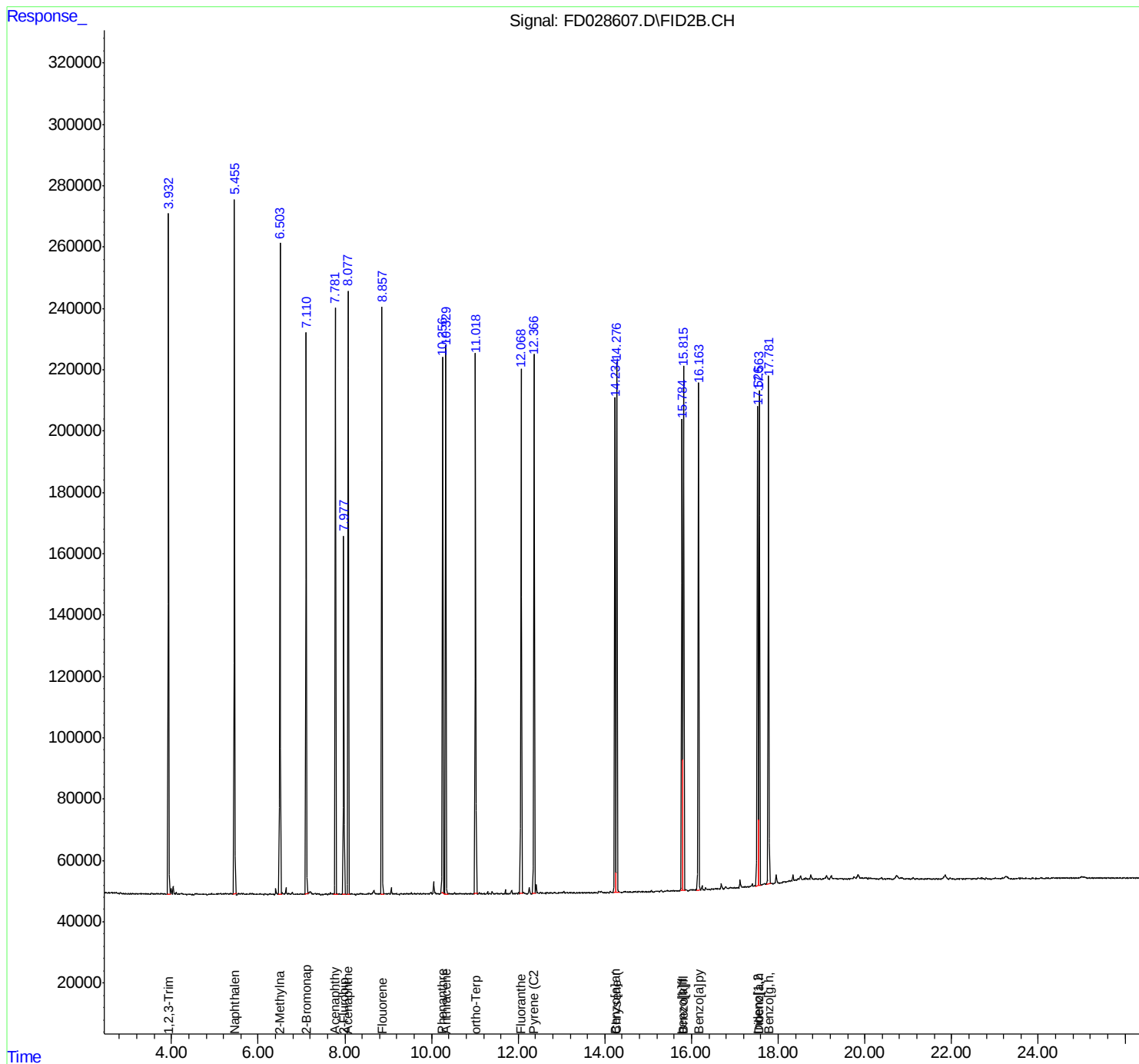
(f)=RT Delta > 1/2 Window

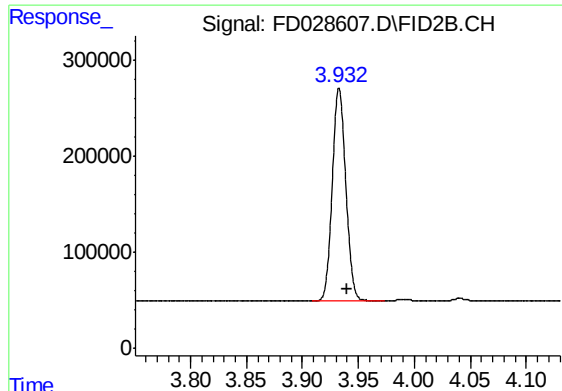
(m)=manual int.

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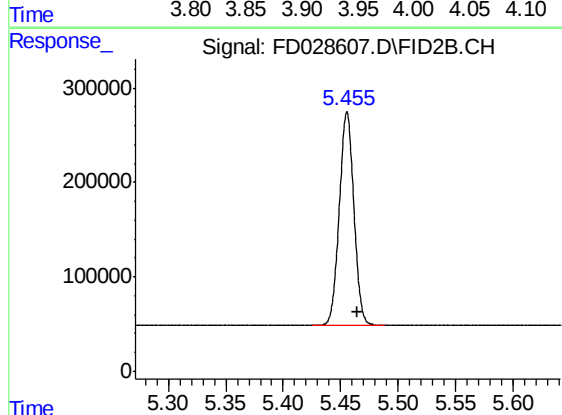
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Signal Info : 20M x 0.18mm x 0.18µm





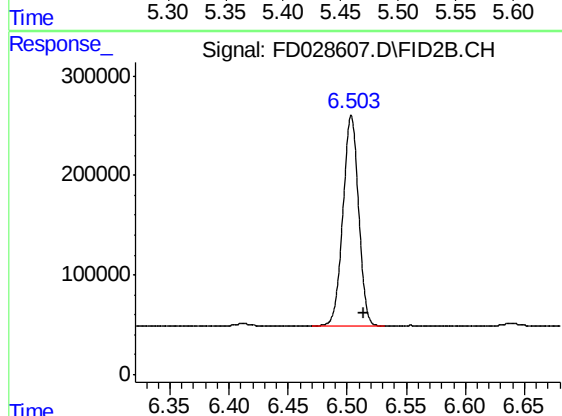
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.933 min
Delta R.T.: -0.007 min
Response: 1869161
Conc: 19.11 ug/ml



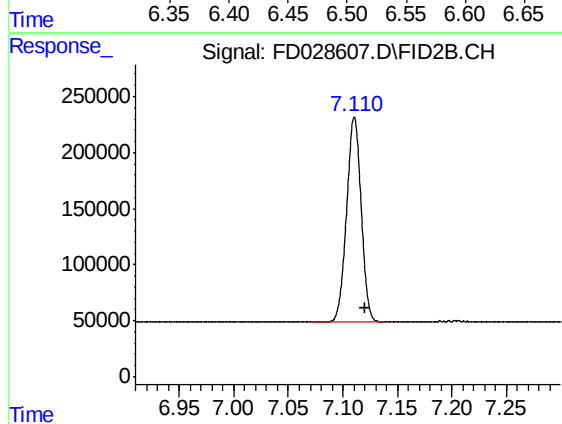
#2 Naphthalene (C11.7)

R.T.: 5.456 min
Delta R.T.: -0.009 min
Response: 1980552
Conc: 18.59 ug/ml



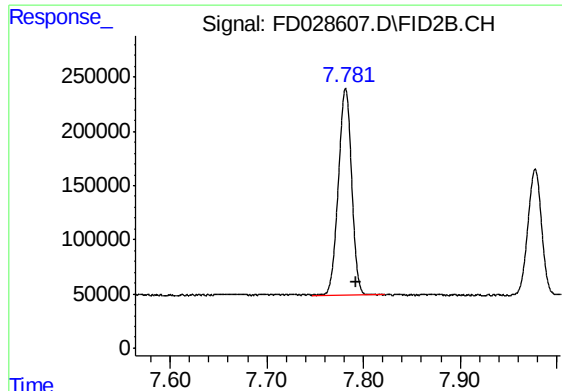
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.504 min
Delta R.T.: -0.010 min
Response: 1947395
Conc: 18.20 ug/ml



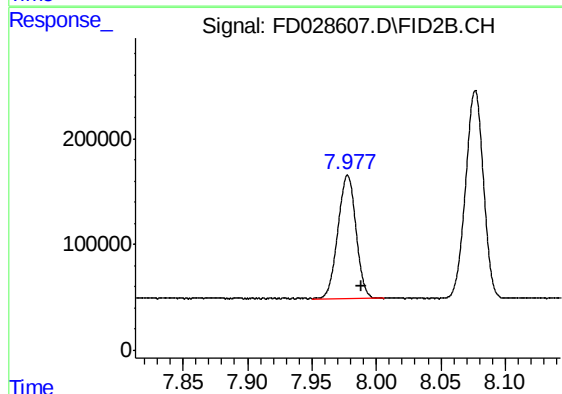
#4 2-Bromonaphthalene (SURR)

R.T.: 7.111 min
Delta R.T.: -0.010 min
Response: 1702092
Conc: 17.94 ug/ml



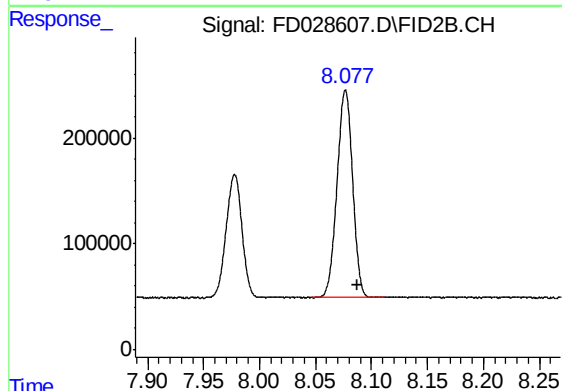
#5 Acenaphthylene (C15.06)

R.T.: 7.782 min
Delta R.T.: -0.010 min
Response: 1832084
Conc: 17.69 ug/ml



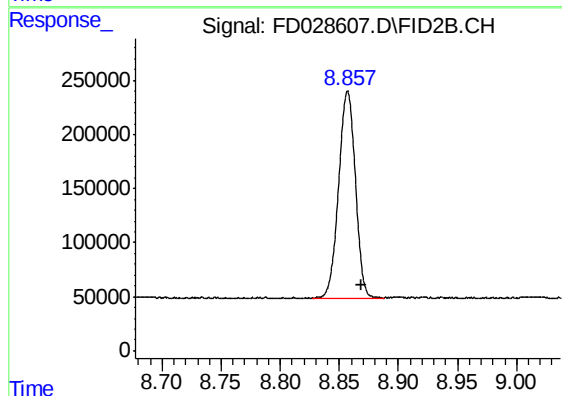
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.978 min
Delta R.T.: -0.011 min
Response: 1147747
Conc: 17.61 ug/ml



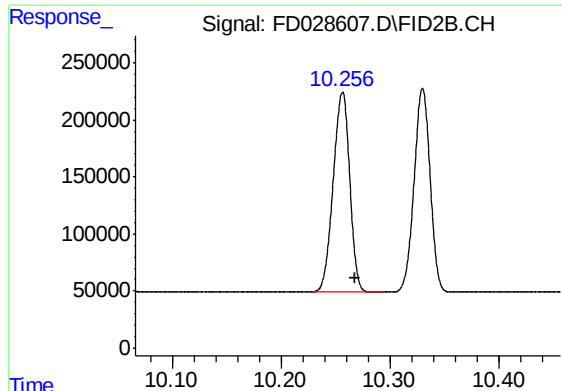
#7 Acenaphthene (C15.5)

R.T.: 8.077 min
Delta R.T.: -0.011 min
Response: 1912405
Conc: 17.63 ug/ml



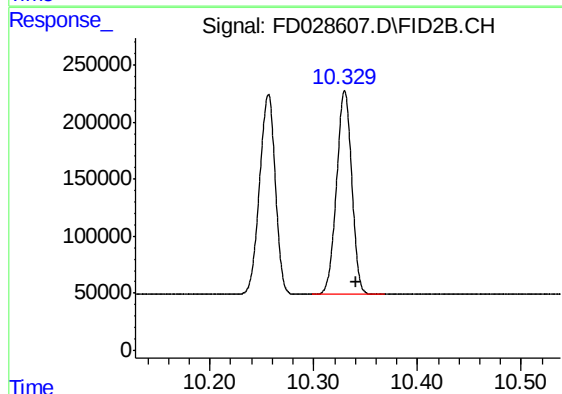
#8 Fluorene (C16.55)

R.T.: 8.857 min
Delta R.T.: -0.012 min
Response: 1879783
Conc: 17.29 ug/ml



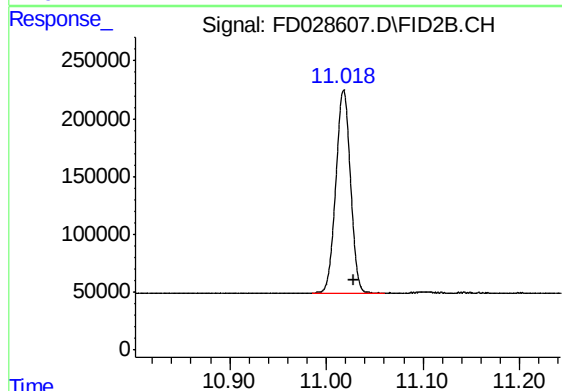
#9 Phenanthrene (C19.36)

R.T.: 10.256 min
Delta R.T.: -0.011 min
Response: 1836268
Conc: 16.96 ug/ml



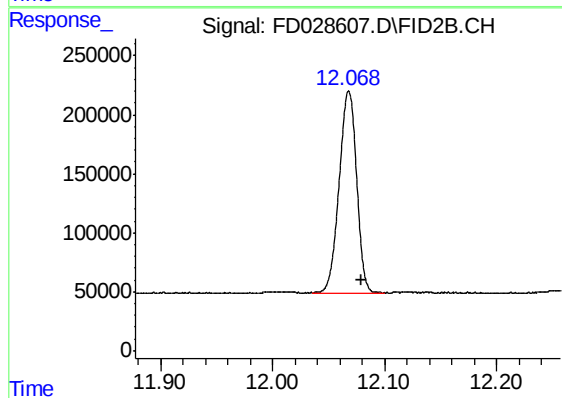
#10 Anthracene (C19.43)

R.T.: 10.330 min
Delta R.T.: -0.012 min
Response: 1819461
Conc: 16.94 ug/ml



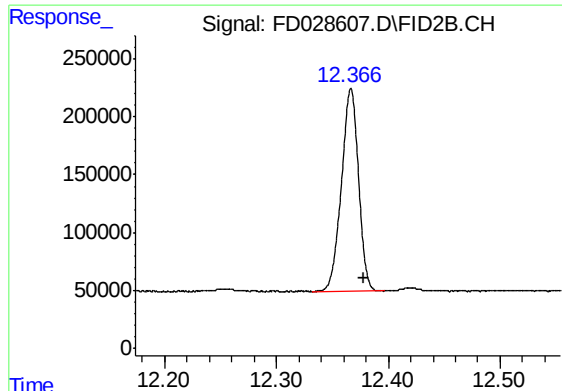
#11 ortho-Terphenyl (SURR)

R.T.: 11.018 min
Delta R.T.: -0.011 min
Response: 1855486
Conc: 16.68 ug/ml



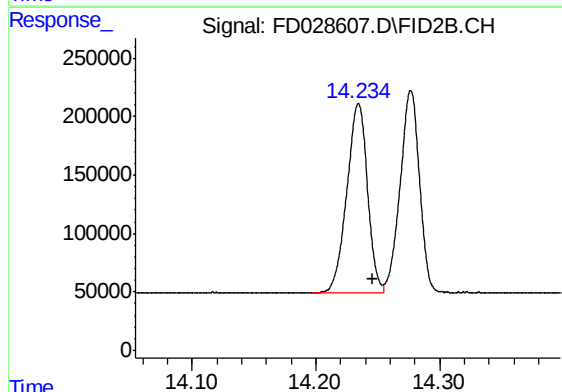
#12 Fluoranthene (C21.85)

R.T.: 12.068 min
Delta R.T.: -0.011 min
Response: 1852241
Conc: 17.13 ug/ml



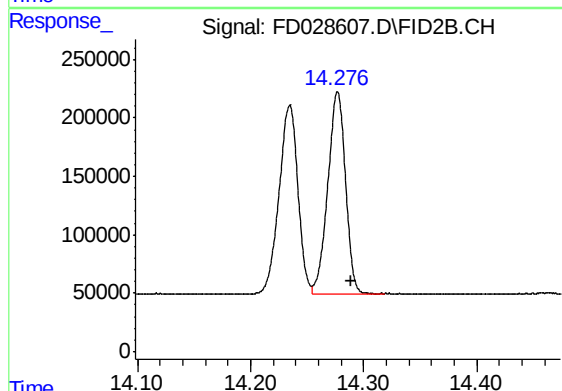
#13 Pyrene (C20.8)

R.T.: 12.367 min
Delta R.T.: -0.011 min
Response: 1856589
Conc: 17.24 ug/ml



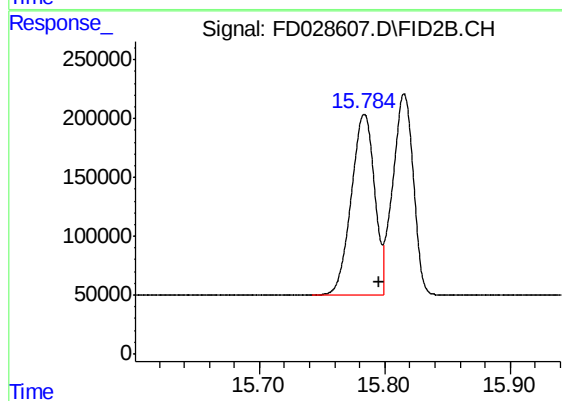
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.235 min
Delta R.T.: -0.011 min
Response: 1869931
Conc: 17.83 ug/ml



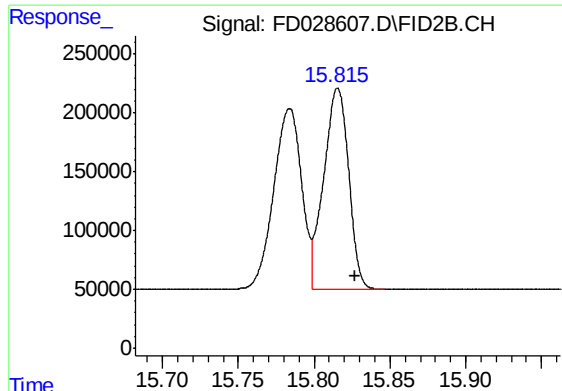
#15 Chrysene (C27.41)

R.T.: 14.277 min
Delta R.T.: -0.011 min
Response: 1876787
Conc: 17.92 ug/ml



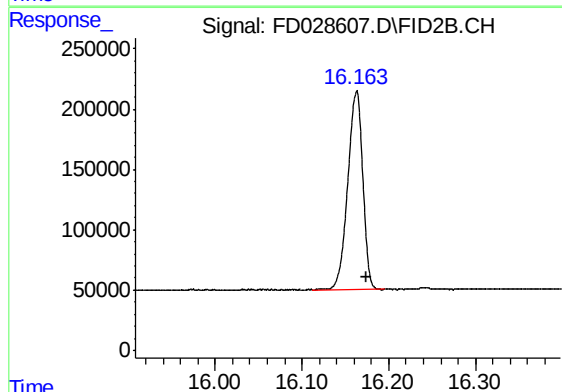
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.784 min
Delta R.T.: -0.011 min
Response: 1973361
Conc: 18.21 ug/ml



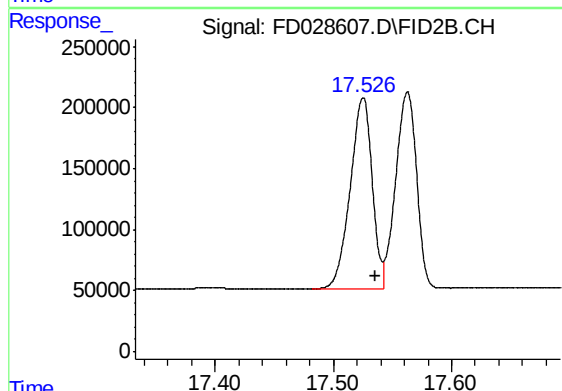
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.816 min
Delta R.T.: -0.011 min
Response: 1960809
Conc: 18.27 ug/ml



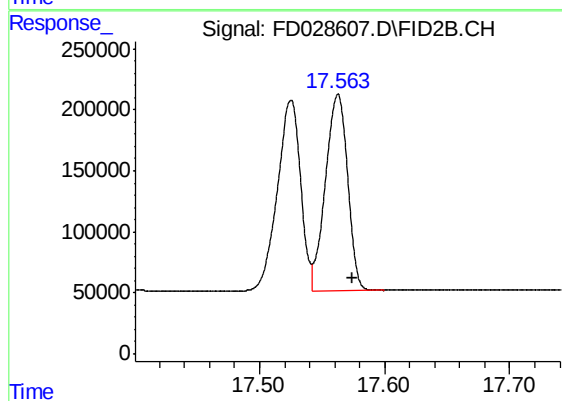
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.163 min
Delta R.T.: -0.011 min
Response: 1977818
Conc: 18.28 ug/ml



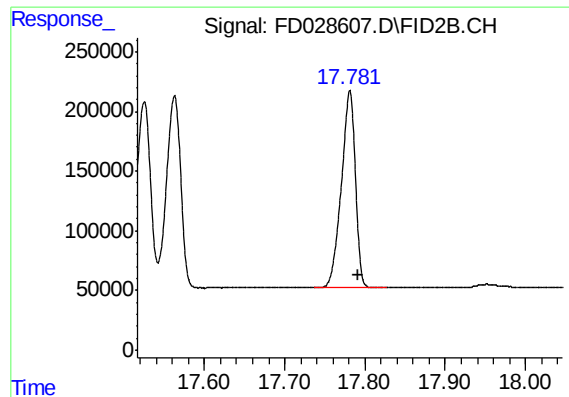
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.525 min
Delta R.T.: -0.010 min
Response: 2014413
Conc: 18.23 ug/ml



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

R.T.: 17.563 min
Delta R.T.: -0.012 min
Response: 1984545
Conc: 18.46 ug/ml



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

R.T.: 17.781 min
Delta R.T.: -0.010 min
Response: 2004122
Conc: 18.49 ug/ml