

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011519AR\
 Data File : FD027281.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jan 2019 15:36
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 06:32:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.359	1591302	16.845 ug/ml
Spiked Amount 50.000		Recovery =	33.69%
6) S 2-Fluorobiphenyl (SURR)	8.207	1093560	17.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.30%
11) S ortho-Terphenyl (SURR)	11.246	1886510	17.698 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.166	1708281	16.849 ug/ml
2) T Naphthalene (C11.7)	5.696	1829972	16.905 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	1814334	16.982 ug/ml
5) T Acenaphthylene (C15.06)	8.011	1767146	17.181 ug/ml
7) T Acenaphthene (C15.5)	8.305	1848718	17.160 ug/ml
8) T Fluorene (C16.55)	9.083	1838484	17.267 ug/ml
9) T Phenanthrene (C19.36)	10.471	1890537	17.920 ug/ml
10) T Anthracene (C19.43)	10.545	1867483	17.893 ug/ml
12) T Fluoranthene (C21.85)	12.274	1960103	18.821 ug/ml
13) T Pyrene (C20.8)	12.568	1975415	19.131 ug/ml
14) T Benzo[a]anthracene (C...	14.435	1951445	19.897 ug/ml
15) T Chrysene (C27.41)	14.477	1967855	20.015 ug/ml
16) T benzo[b]fluoranthene ...	15.979	1994577	19.732 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	2015772	19.944 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	1983140	19.611 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	1924382	18.440 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	1922688	18.769 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	1947712	18.474 ug/ml

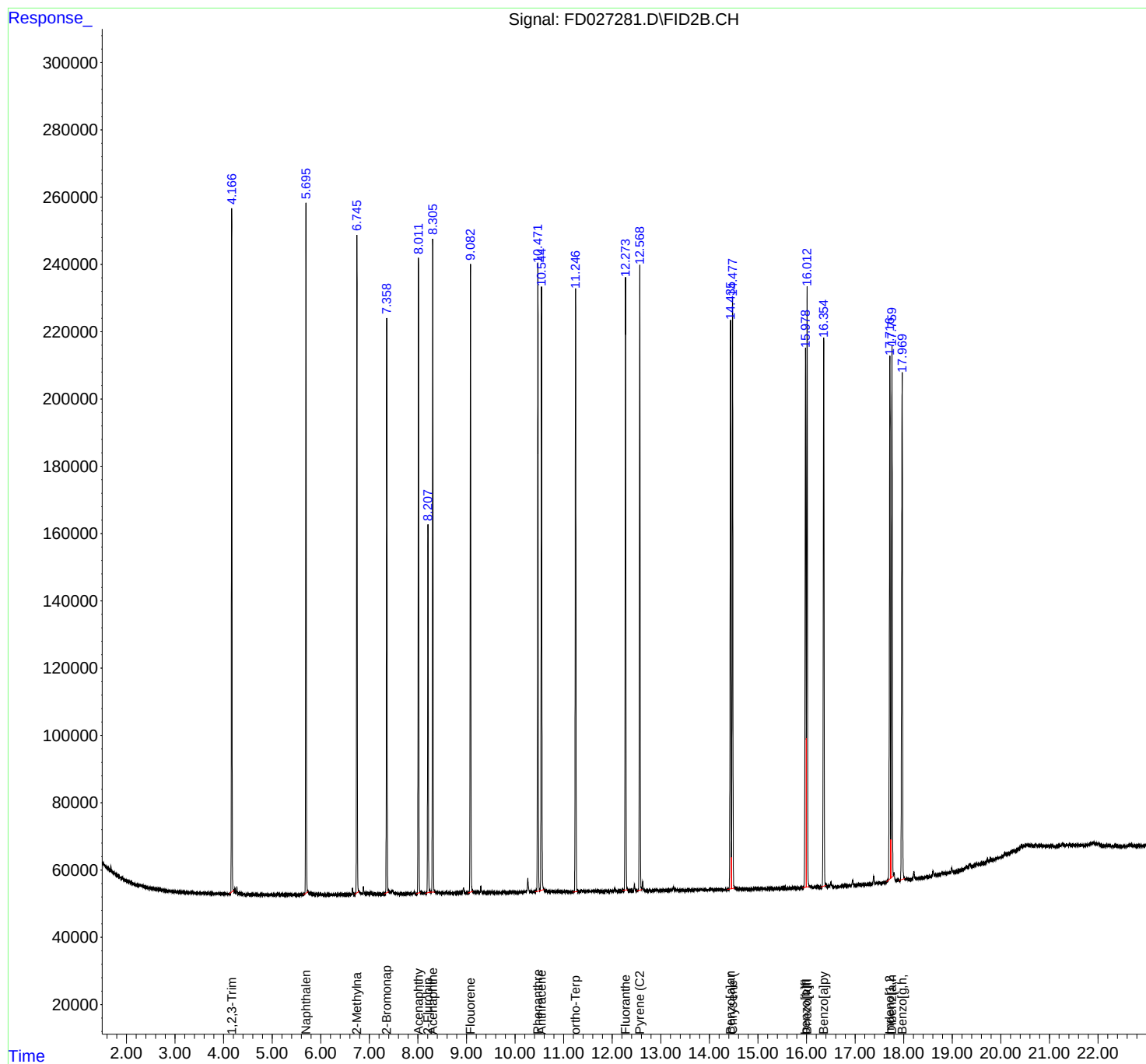
(f)=RT Delta > 1/2 Window

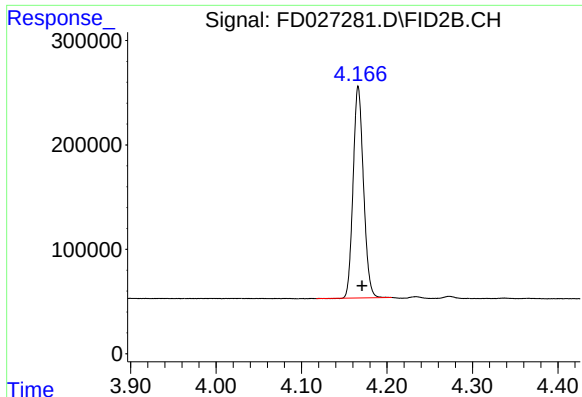
(m)=manual int.

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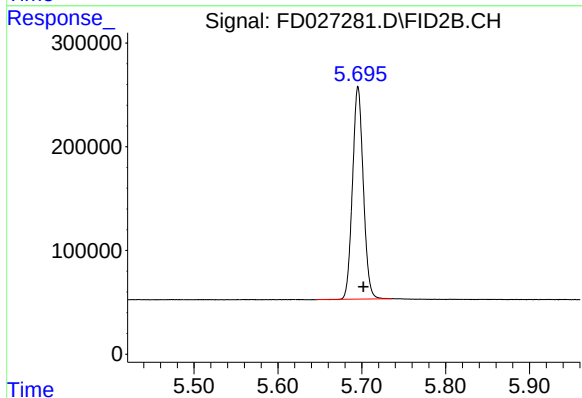
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Signal Info : 20M x 0.18mm x 0.18µm





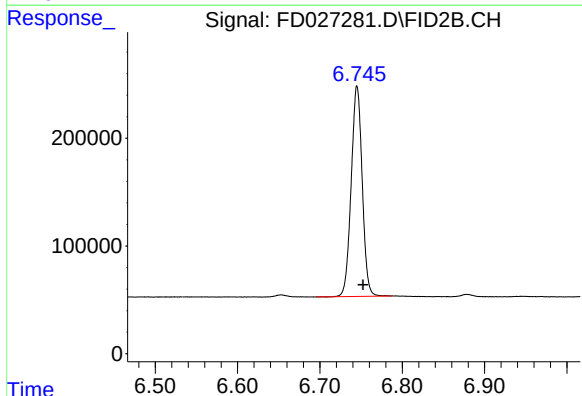
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min
Delta R.T.: -0.005 min
Response: 1708281
Conc: 16.85 ug/ml



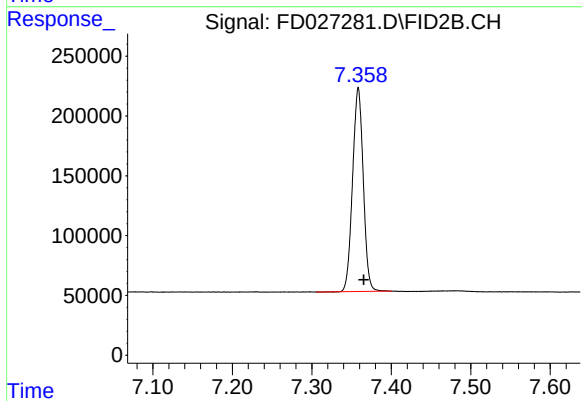
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.006 min
Response: 1829972
Conc: 16.90 ug/ml



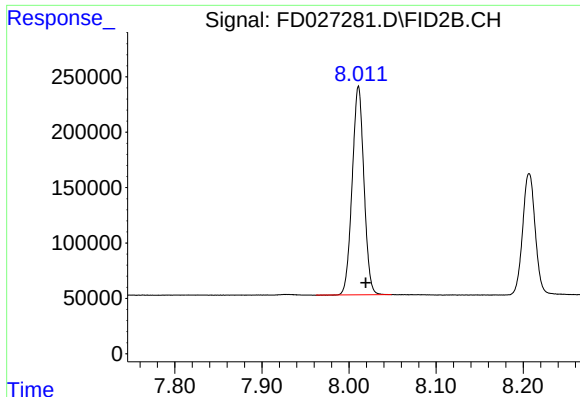
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 1814334
Conc: 16.98 ug/ml



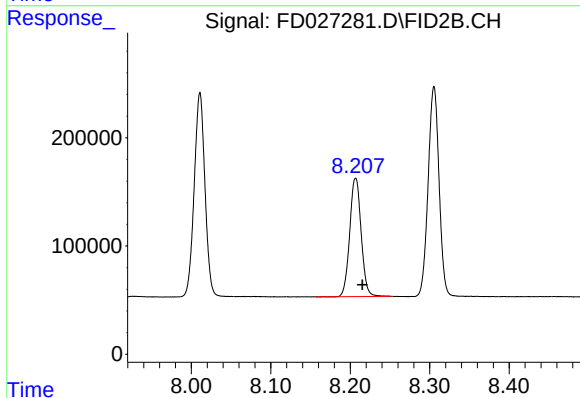
#4 2-Bromonaphthalene (SURR)

R.T.: 7.359 min
Delta R.T.: -0.007 min
Response: 1591302
Conc: 16.85 ug/ml



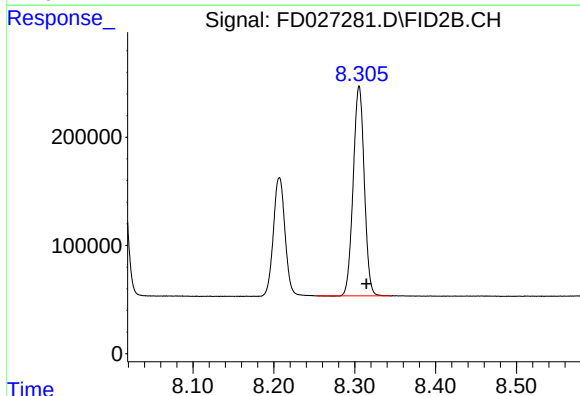
#5 Acenaphthylene (C15.06)

R.T.: 8.011 min
Delta R.T.: -0.009 min
Response: 1767146
Conc: 17.18 ug/ml



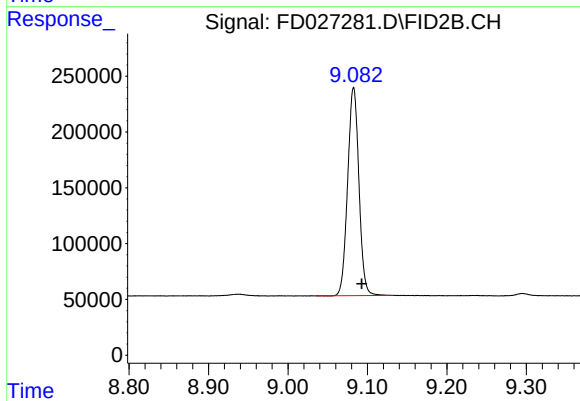
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.207 min
Delta R.T.: -0.009 min
Response: 1093560
Conc: 17.15 ug/ml



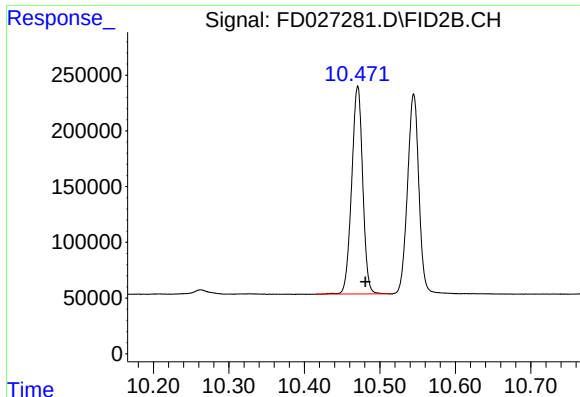
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: -0.009 min
Response: 1848718
Conc: 17.16 ug/ml



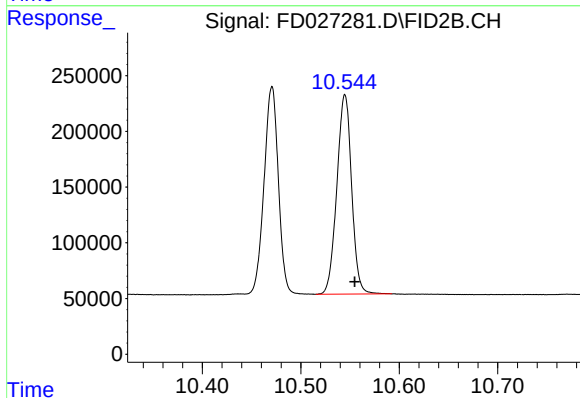
#8 Fluorene (C16.55)

R.T.: 9.083 min
Delta R.T.: -0.010 min
Response: 1838484
Conc: 17.27 ug/ml



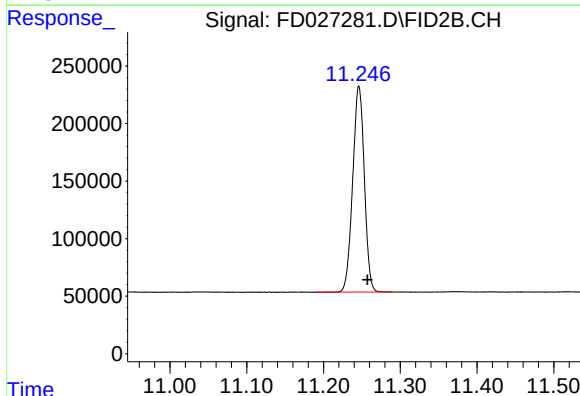
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: -0.010 min
Response: 1890537
Conc: 17.92 ug/ml



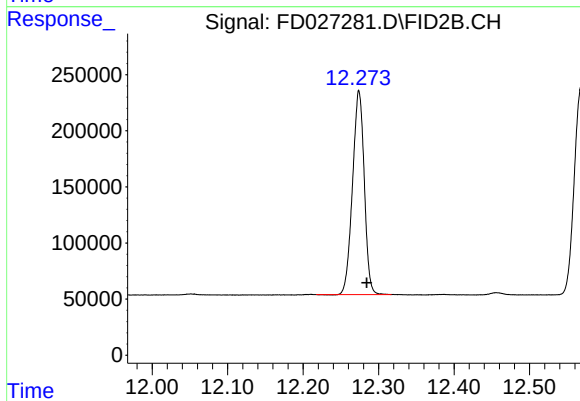
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.010 min
Response: 1867483
Conc: 17.89 ug/ml



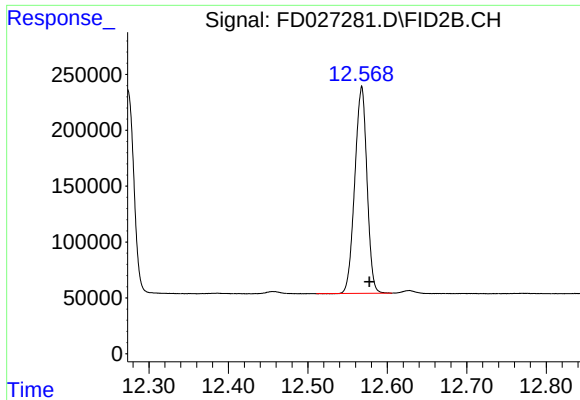
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: -0.011 min
Response: 1886510
Conc: 17.70 ug/ml



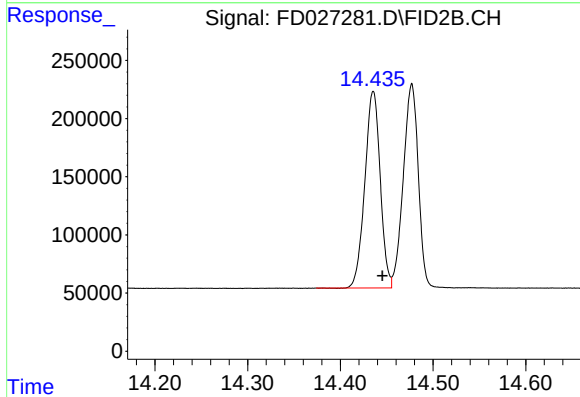
#12 Fluoranthene (C21.85)

R.T.: 12.274 min
Delta R.T.: -0.010 min
Response: 1960103
Conc: 18.82 ug/ml



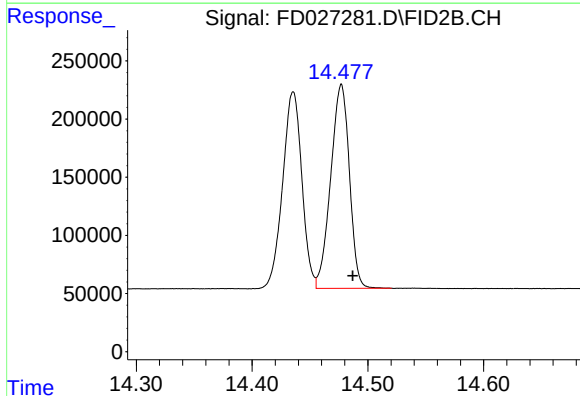
#13 Pyrene (C20.8)

R.T.: 12.568 min
Delta R.T.: -0.010 min
Response: 1975415
Conc: 19.13 ug/ml



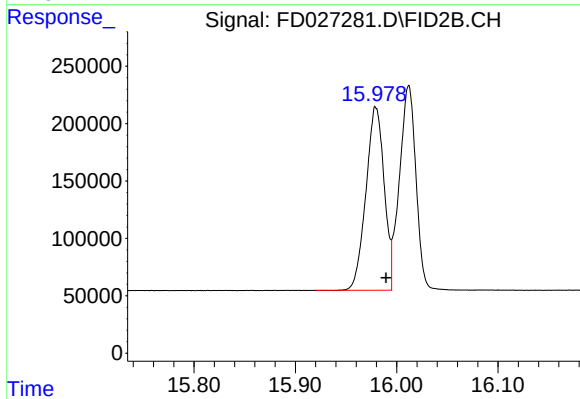
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: -0.010 min
Response: 1951445
Conc: 19.90 ug/ml



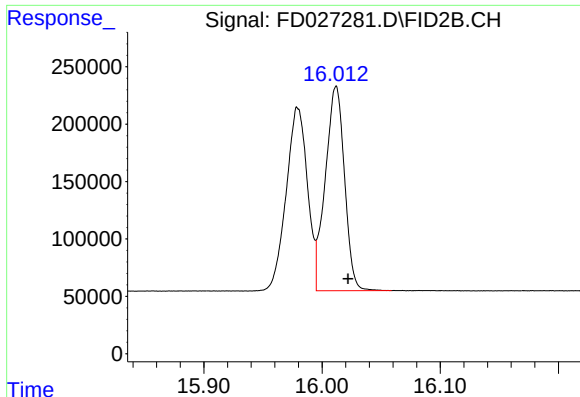
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: -0.010 min
Response: 1967855
Conc: 20.02 ug/ml



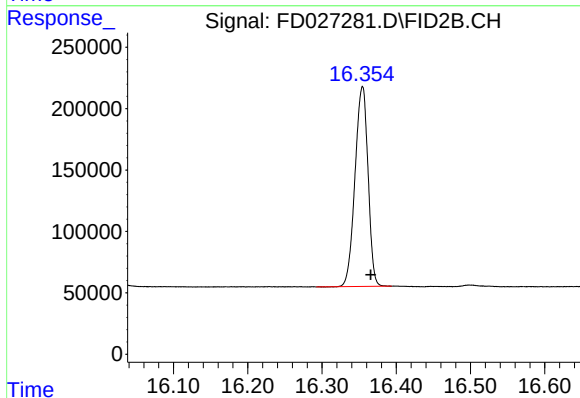
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.979 min
Delta R.T.: -0.010 min
Response: 1994577
Conc: 19.73 ug/ml



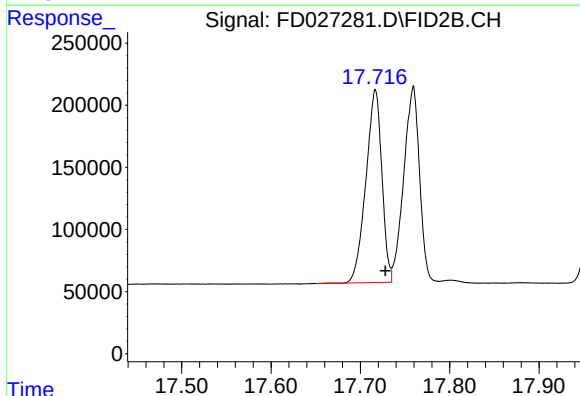
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.012 min
Delta R.T.: -0.010 min
Response: 2015772
Conc: 19.94 ug/ml



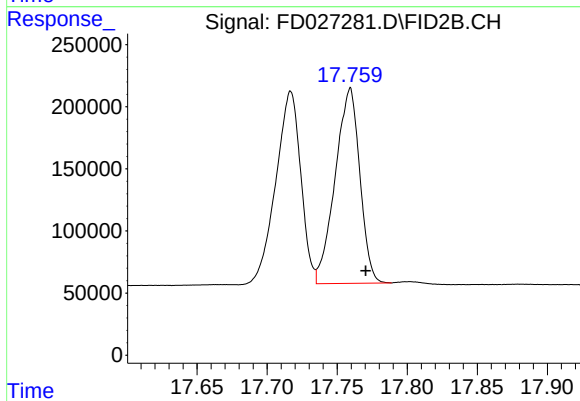
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.355 min
Delta R.T.: -0.011 min
Response: 1983140
Conc: 19.61 ug/ml



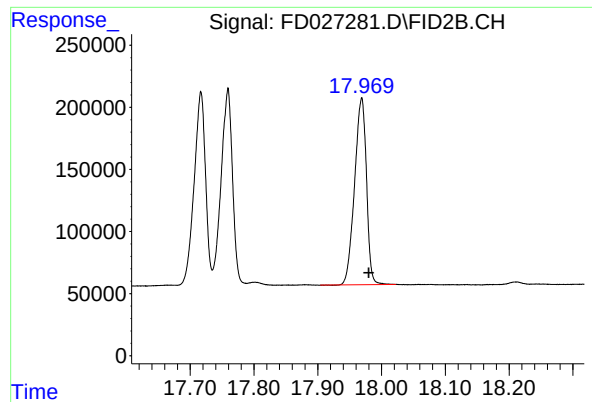
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.011 min
Response: 1924382
Conc: 18.44 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.011 min
Response: 1922688
Conc: 18.77 ug/ml



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

R.T.: 17.969 min
Delta R.T.: -0.011 min
Response: 1947712
Conc: 18.47 ug/ml