

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022219AR\
 Data File : FD027926.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2019 2:07
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 00:46:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.336	1716781	23.125 ug/ml
Spiked Amount 50.000		Recovery =	46.25%
6) S 2-Fluorobiphenyl (SURR)	8.184	1111904	21.854 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.71%
11) S ortho-Terphenyl (SURR)	11.219	1817273	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	1969769	24.923 ug/ml
2) T Naphthalene (C11.7)	5.674	2108067	24.766 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	1984939	23.528 ug/ml
5) T Acenaphthylene (C15.06)	7.987	1831406	21.873 ug/ml
7) T Acenaphthene (C15.5)	8.282	1958642	22.283 ug/ml
8) T Fluorene (C16.55)	9.060	1831372	21.000 ug/ml
9) T Phenanthrene (C19.36)	10.444	1792928	20.411 ug/ml
10) T Anthracene (C19.43)	10.520	1878306	21.737 ug/ml
12) T Fluoranthene (C21.85)	12.244	1901298	21.237 ug/ml
13) T Pyrene (C20.8)	12.537	1919067	21.627 ug/ml
14) T Benzo[a]anthracene (C...	14.402	1954470	21.858 ug/ml
15) T Chrysene (C27.41)	14.443	2138339	23.547 ug/ml
16) T benzo[b]fluoranthene ...	15.943	2015154	20.633 ug/ml
17) T Bnezo[k]fluoranthene ...	15.975	2128640	21.528 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.317	2126141	21.745 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.675	1781890	17.969 ug/ml
20) T Dibenz[a,h]anthracene...	17.716	2147699	21.835 ug/ml
21) T Benzo[g,h,i]perylene ...	17.926	2083229	20.549 ug/ml

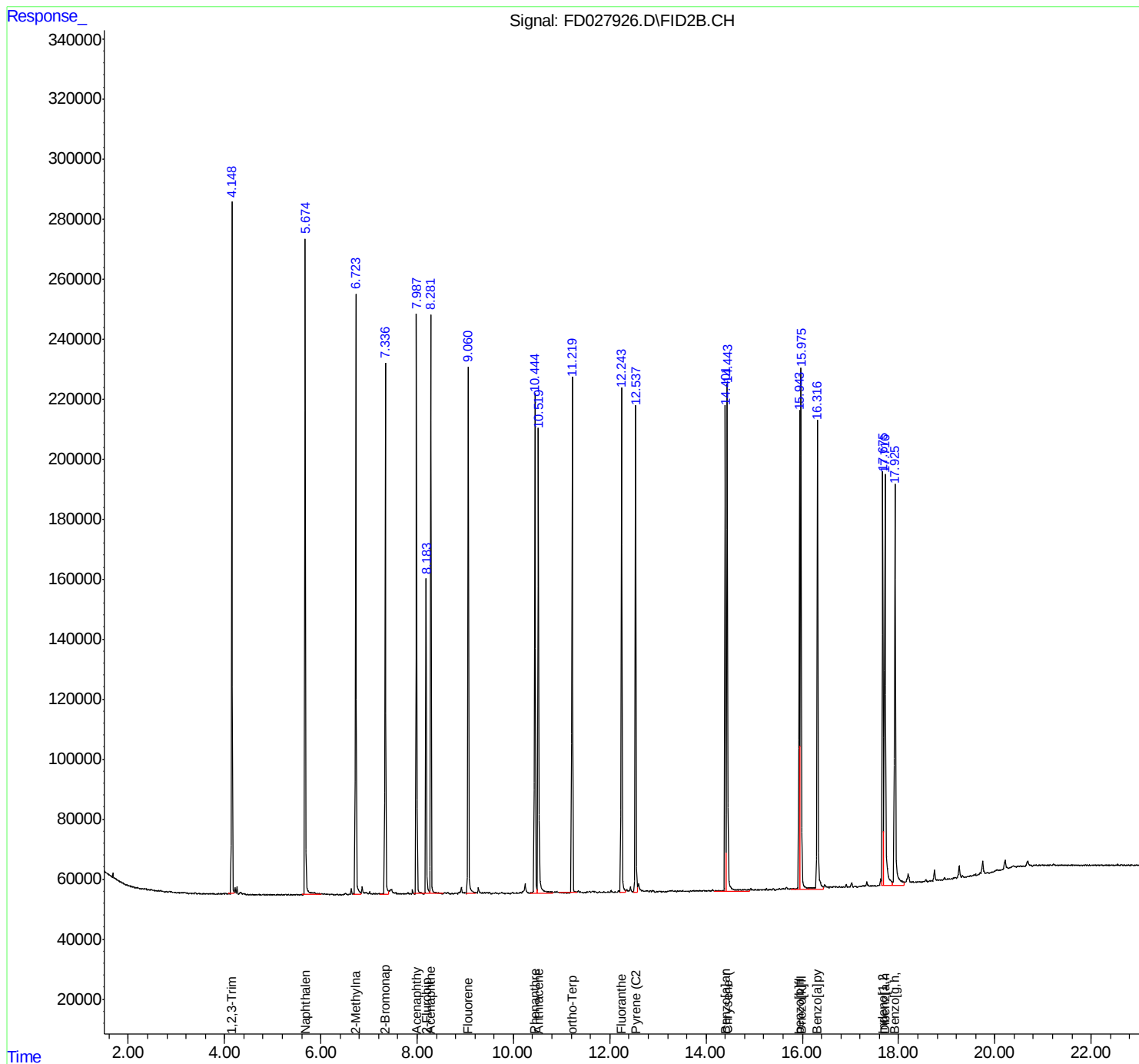
(f)=RT Delta > 1/2 Window

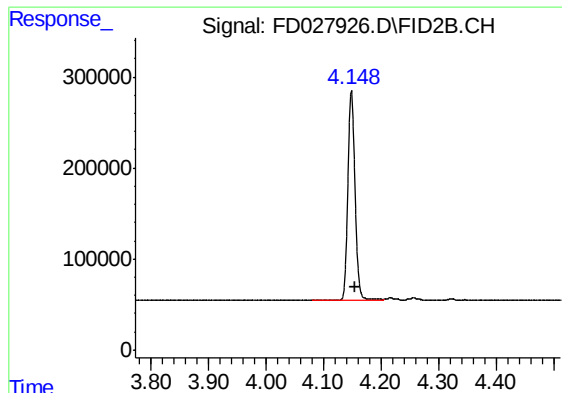
(m)=manual int.

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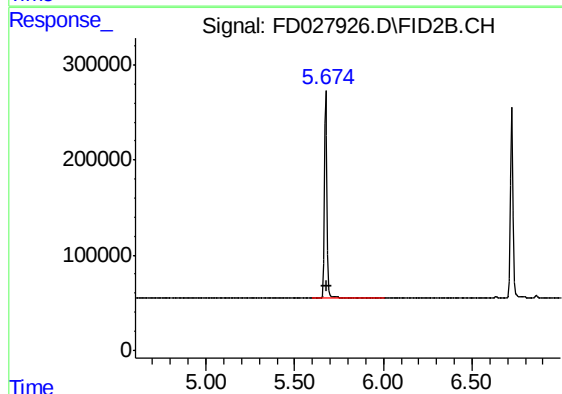
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





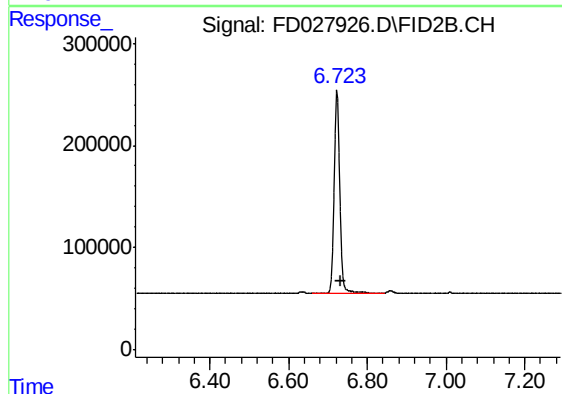
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.006 min
Response: 1969769
Conc: 24.92 ug/ml



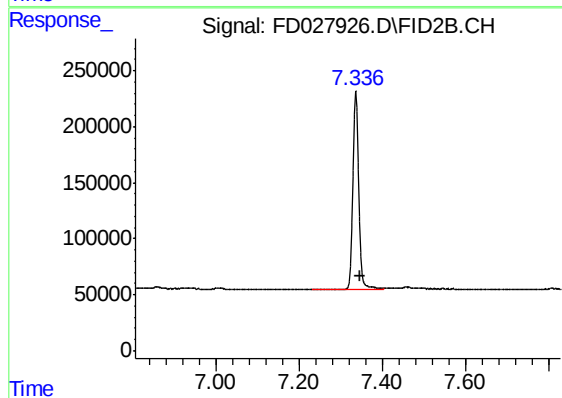
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 2108067
Conc: 24.77 ug/ml



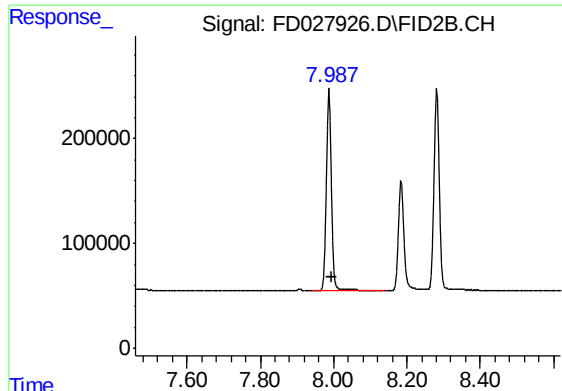
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.009 min
Response: 1984939
Conc: 23.53 ug/ml



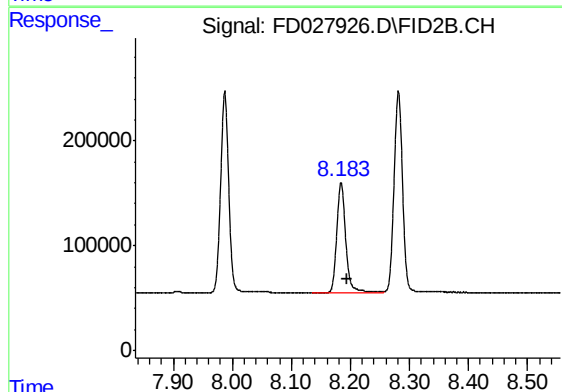
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 1716781
Conc: 23.12 ug/ml



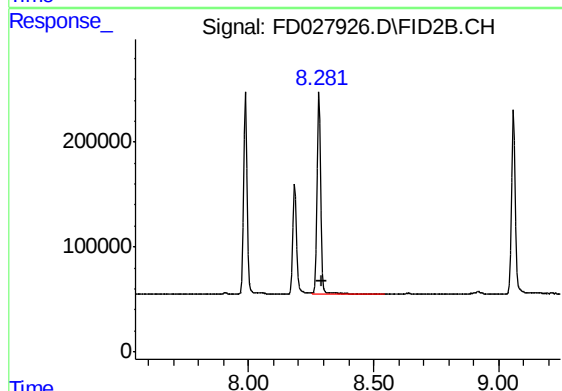
#5 Acenaphthylene (C15.06)

R.T.: 7.987 min
Delta R.T.: -0.009 min
Response: 1831406
Conc: 21.87 ug/ml



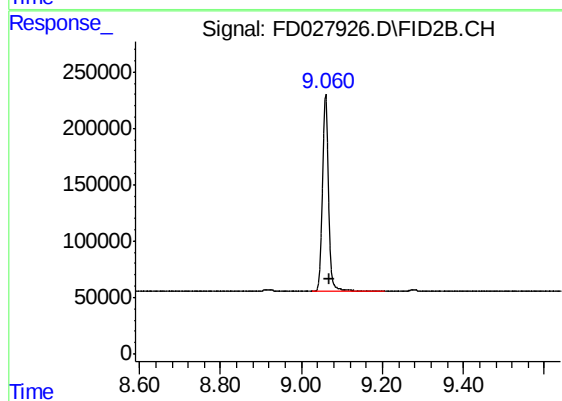
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.009 min
Response: 1111904
Conc: 21.85 ug/ml



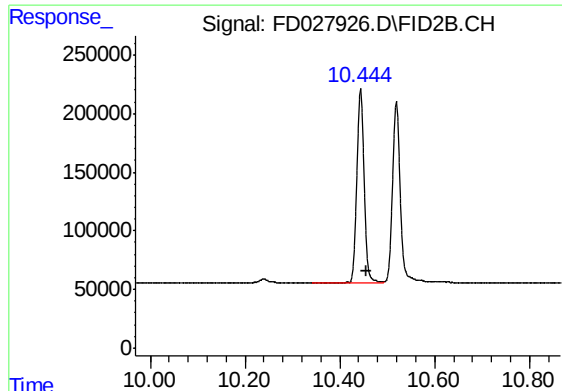
#7 Acenaphthene (C15.5)

R.T.: 8.282 min
Delta R.T.: -0.010 min
Response: 1958642
Conc: 22.28 ug/ml



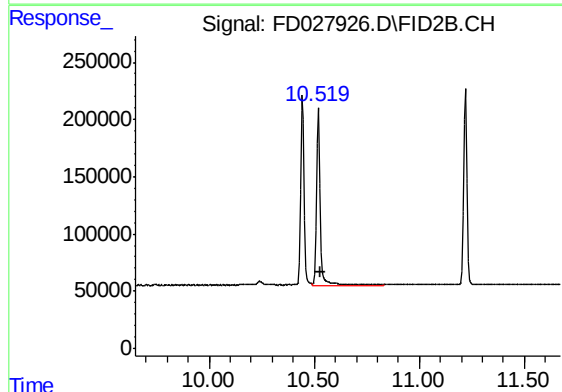
#8 Flouorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.010 min
Response: 1831372
Conc: 21.00 ug/ml



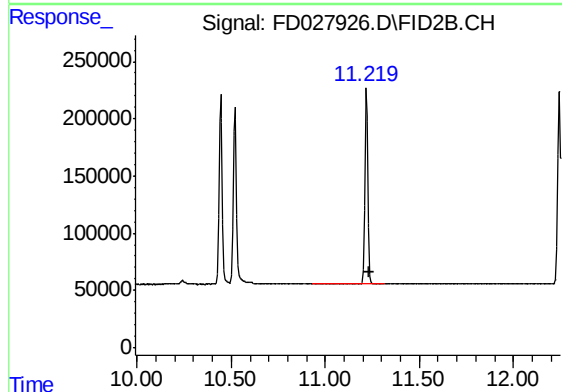
#9 Phenanthrene (C19.36)

R.T.: 10.444 min
Delta R.T.: -0.012 min
Response: 1792928
Conc: 20.41 ug/ml



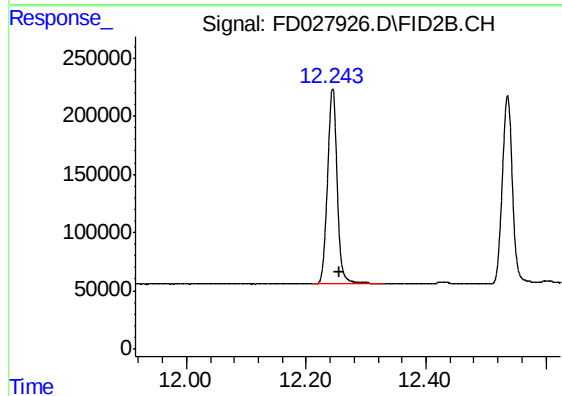
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.010 min
Response: 1878306
Conc: 21.74 ug/ml



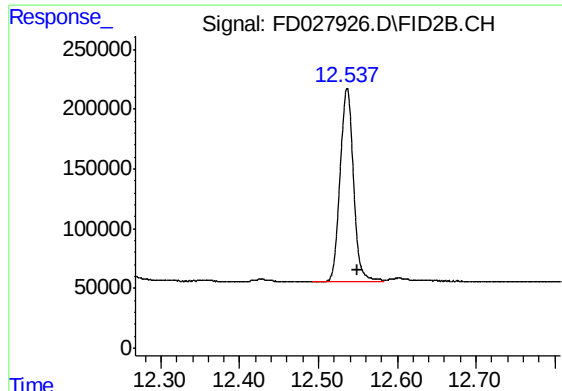
#11 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: -0.012 min
Response: 1817273
Conc: 20.50 ug/ml



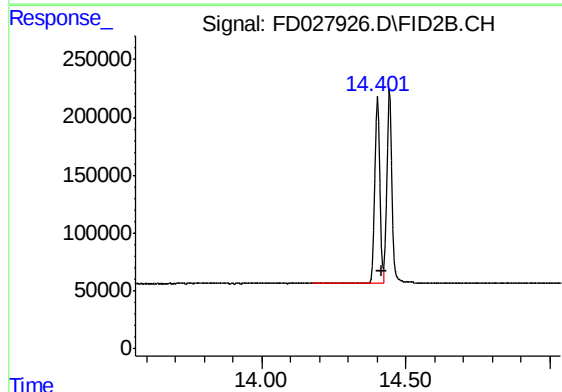
#12 Fluoranthene (C21.85)

R.T.: 12.244 min
Delta R.T.: -0.013 min
Response: 1901298
Conc: 21.24 ug/ml



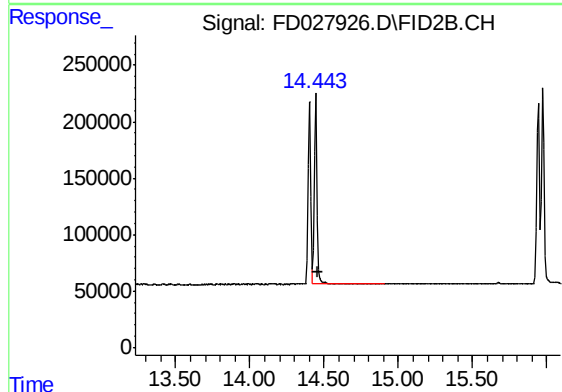
#13 Pyrene (C20.8)

R.T.: 12.537 min
Delta R.T.: -0.014 min
Response: 1919067
Conc: 21.63 ug/ml



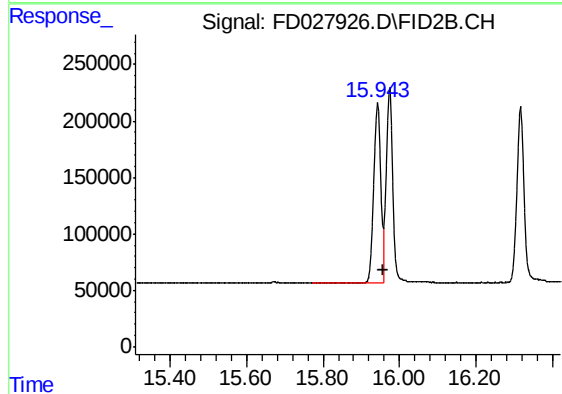
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.014 min
Response: 1954470
Conc: 21.86 ug/ml



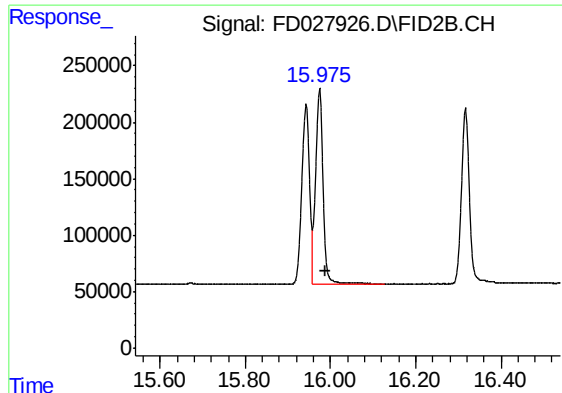
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.014 min
Response: 2138339
Conc: 23.55 ug/ml



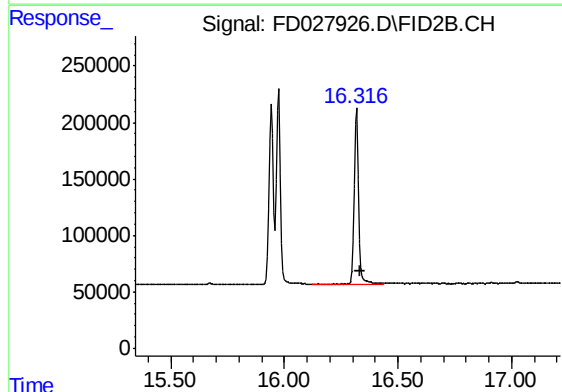
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.943 min
Delta R.T.: -0.015 min
Response: 2015154
Conc: 20.63 ug/ml



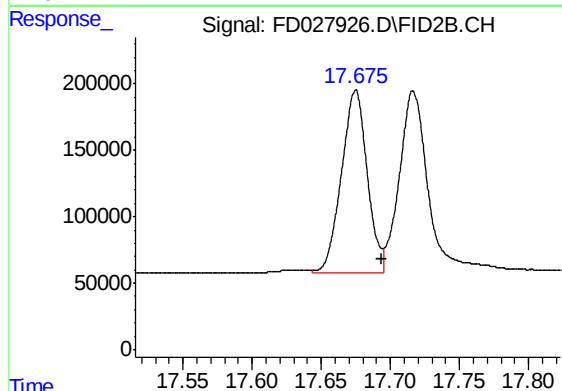
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.975 min
Delta R.T.: -0.015 min
Response: 2128640
Conc: 21.53 ug/ml



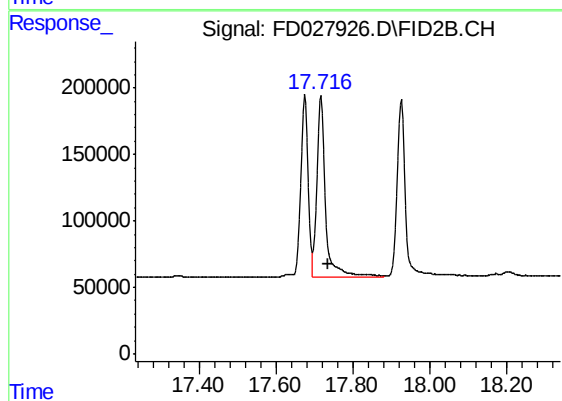
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.317 min
Delta R.T.: -0.018 min
Response: 2126141
Conc: 21.74 ug/ml



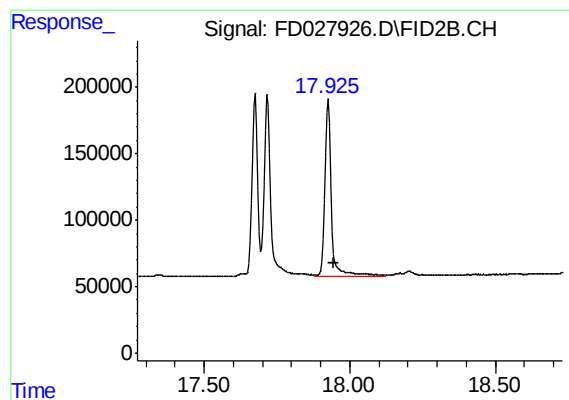
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.675 min
Delta R.T.: -0.019 min
Response: 1781890
Conc: 17.97 ug/ml



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

R.T.: 17.716 min
Delta R.T.: -0.018 min
Response: 2147699
Conc: 21.83 ug/ml



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

R.T.: 17.926 min
Delta R.T.: -0.018 min
Response: 2083229
Conc: 20.55 ug/ml