

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102318AR\
 Data File : FD026032.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2018 12:31
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 04:53:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 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...	7.415	1493649	20.204 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
6) S 2-Fluorobiphenyl (SURR)	8.266	1036964	20.200 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.40%
11) S ortho-Terphenyl (SURR)	11.310	1578889	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.216	1663068	20.788 ug/ml
2) T Naphthalene (C11.7)	5.749	1766654	20.557 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	1716669	20.431 ug/ml
5) T Acenaphthylene (C15.06)	8.070	1647624	20.284 ug/ml
7) T Acenaphthene (C15.5)	8.365	1717991	20.277 ug/ml
8) T Fluorene (C16.55)	9.144	1674921	19.865 ug/ml
9) T Phenanthrene (C19.36)	10.534	1655230	19.631 ug/ml
10) T Anthracene (C19.43)	10.608	1620014	19.698 ug/ml
12) T Fluoranthene (C21.85)	12.340	1668518	19.607 ug/ml
13) T Pyrene (C20.8)	12.633	1680029	19.601 ug/ml
14) T Benzo[a]anthracene (C...	14.502	1652124	19.859 ug/ml
15) T Chrysene (C27.41)	14.544	1671173	19.892 ug/ml
16) T benzo[b]fluoranthene ...	16.047	1786714	19.967 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	1794201	20.128 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.423	1793622	19.891 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.783	1803075	19.239 ug/mlm
20) T Dibenz[a,h]anthracene...	17.827	1771271	19.545 ug/ml
21) T Benzo[g,h,i]perylene ...	18.036	1880794	19.541 ug/ml

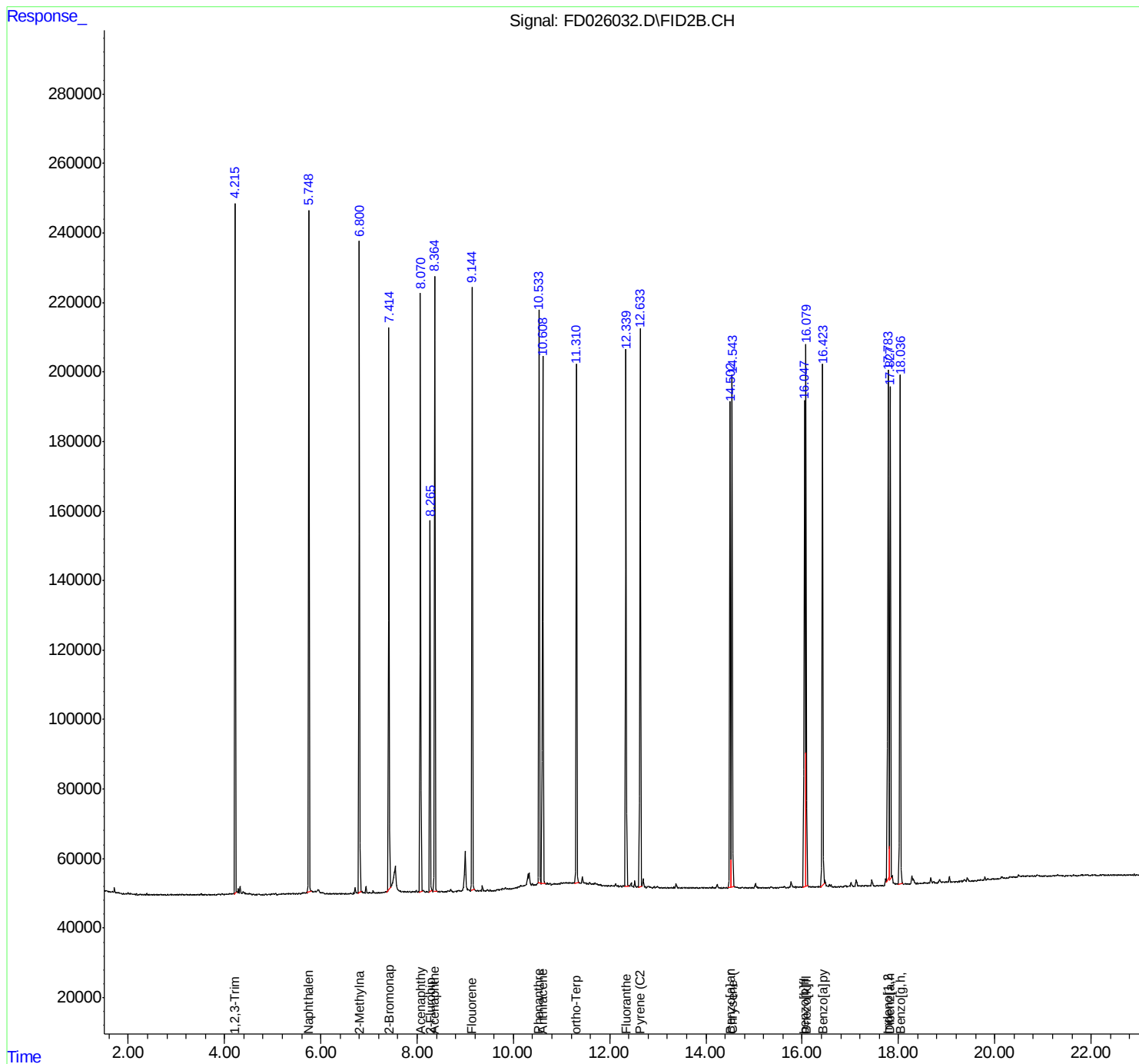
(f)=RT Delta > 1/2 Window

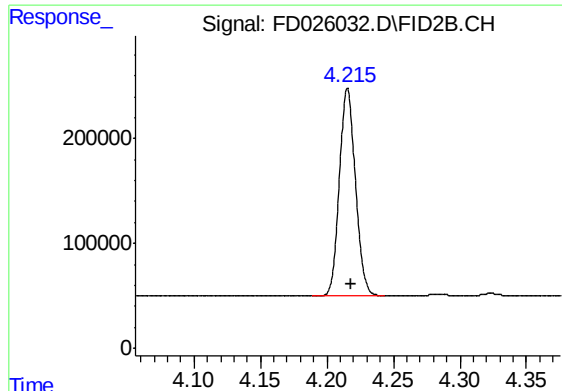
(m)=manual int.

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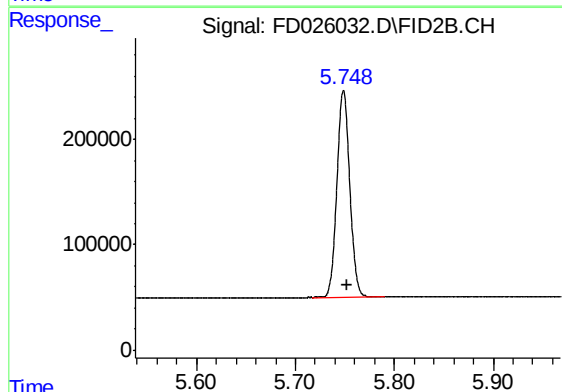
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





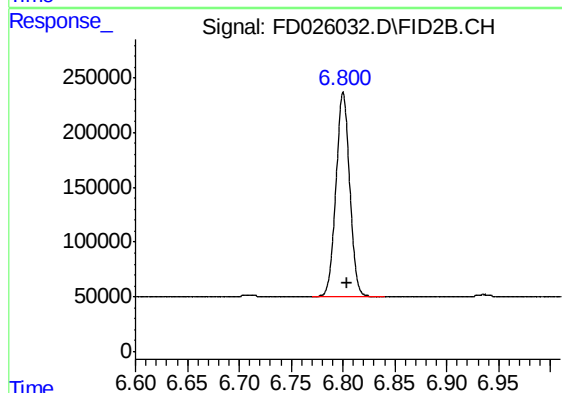
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 1663068
Conc: 20.79 ug/ml



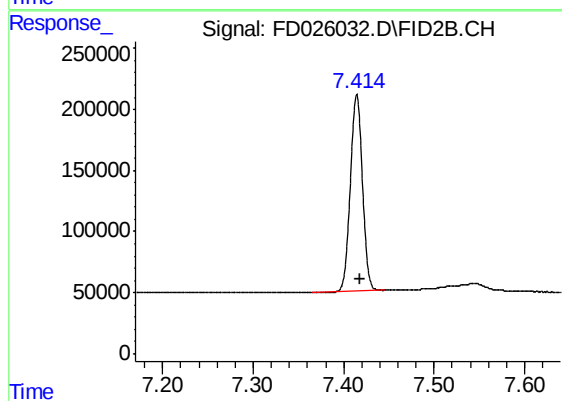
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 1766654
Conc: 20.56 ug/ml



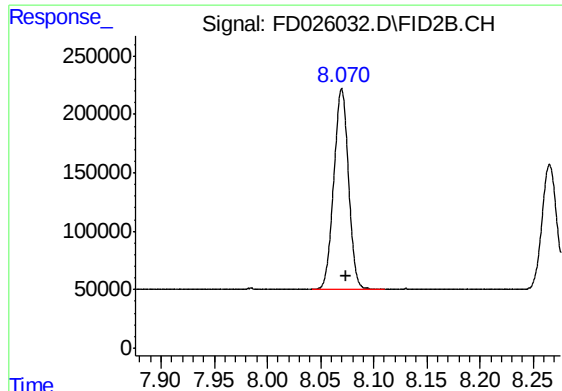
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 1716669
Conc: 20.43 ug/ml



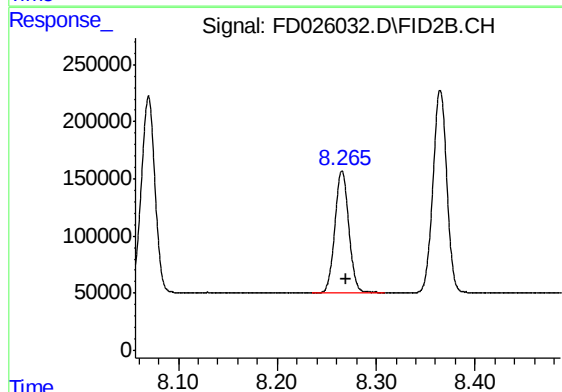
#4 2-Bromonaphthalene (SURR)

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 1493649
Conc: 20.20 ug/ml



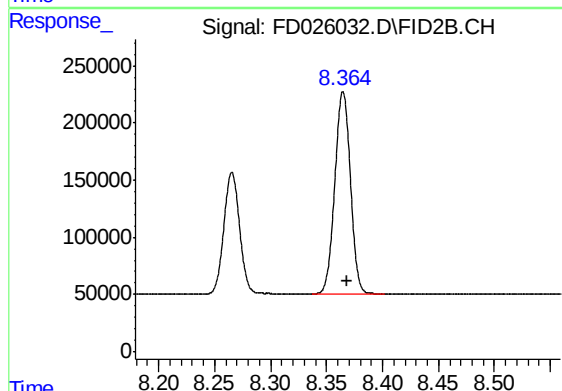
#5 Acenaphthylene (C15.06)

R.T.: 8.070 min
Delta R.T.: -0.004 min
Response: 1647624
Conc: 20.28 ug/ml



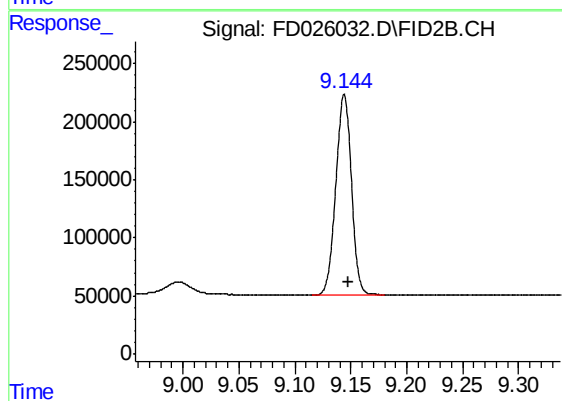
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.266 min
Delta R.T.: -0.004 min
Response: 1036964
Conc: 20.20 ug/ml



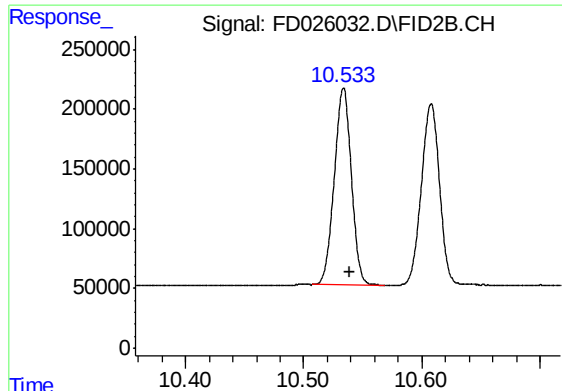
#7 Acenaphthene (C15.5)

R.T.: 8.365 min
Delta R.T.: -0.004 min
Response: 1717991
Conc: 20.28 ug/ml



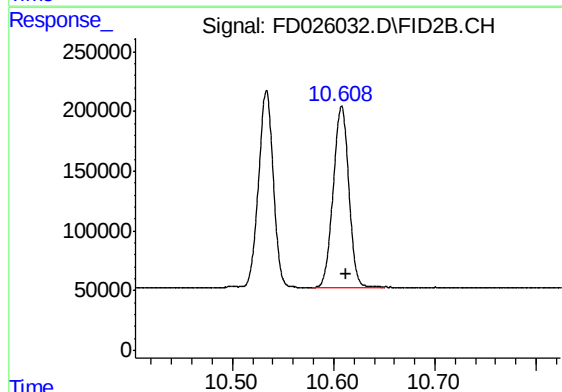
#8 Fluorene (C16.55)

R.T.: 9.144 min
Delta R.T.: -0.004 min
Response: 1674921
Conc: 19.86 ug/ml



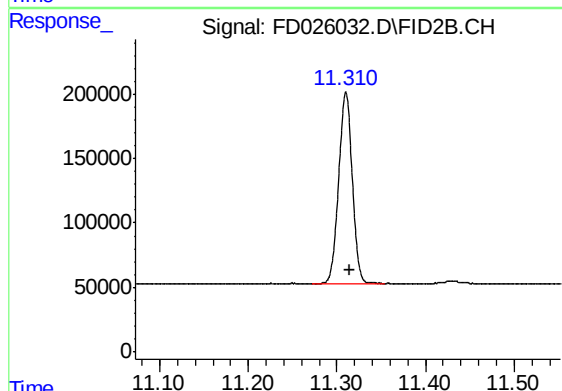
#9 Phenanthrene (C19.36)

R.T.: 10.534 min
Delta R.T.: -0.005 min
Response: 1655230
Conc: 19.63 ug/ml



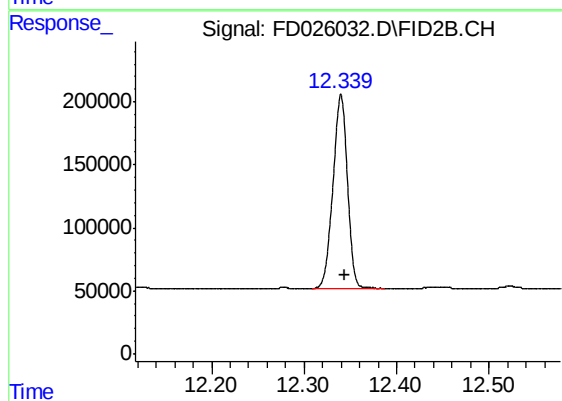
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.004 min
Response: 1620014
Conc: 19.70 ug/ml



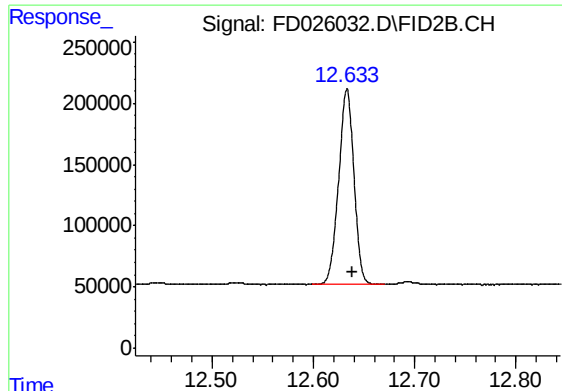
#11 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: -0.005 min
Response: 1578889
Conc: 19.99 ug/ml



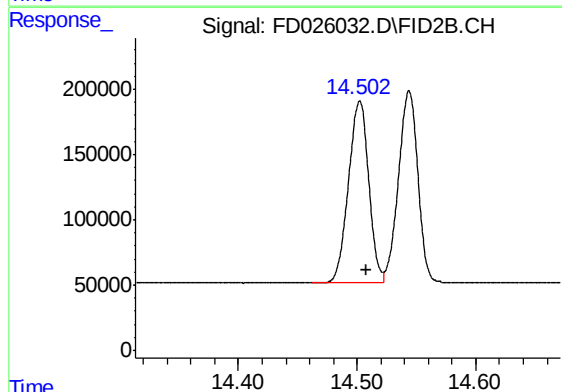
#12 Fluoranthene (C21.85)

R.T.: 12.340 min
Delta R.T.: -0.004 min
Response: 1668518
Conc: 19.61 ug/ml



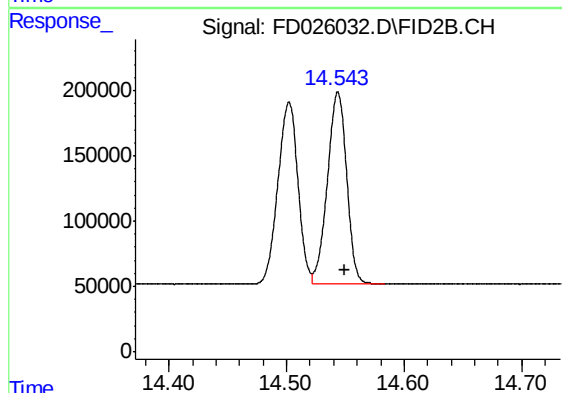
#13 Pyrene (C20.8)

R.T.: 12.633 min
Delta R.T.: -0.005 min
Response: 1680029
Conc: 19.60 ug/ml



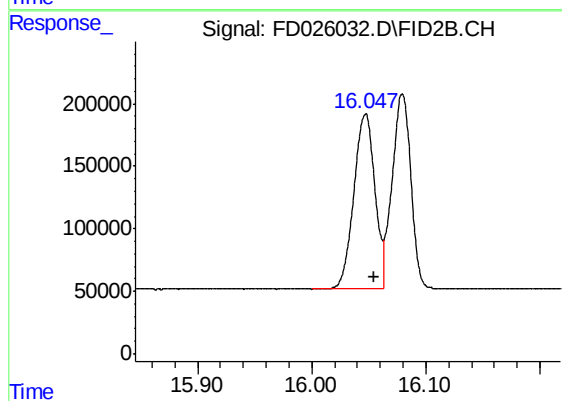
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.006 min
Response: 1652124
Conc: 19.86 ug/ml



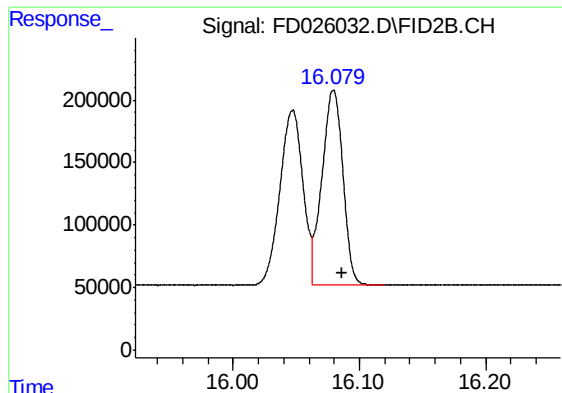
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: -0.005 min
Response: 1671173
Conc: 19.89 ug/ml



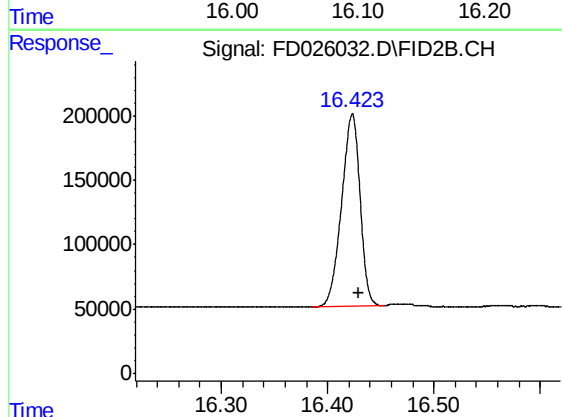
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.047 min
Delta R.T.: -0.007 min
Response: 1786714
Conc: 19.97 ug/ml



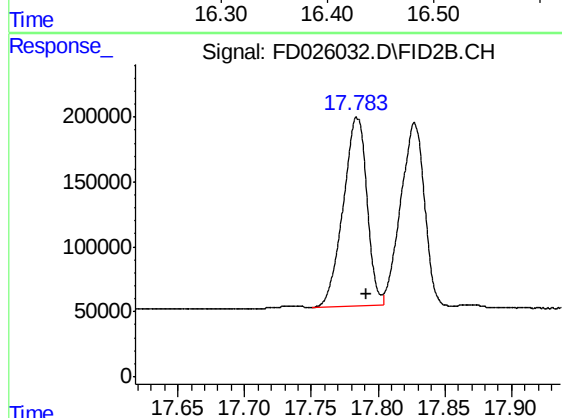
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.079 min
Delta R.T.: -0.007 min
Response: 1794201
Conc: 20.13 ug/ml



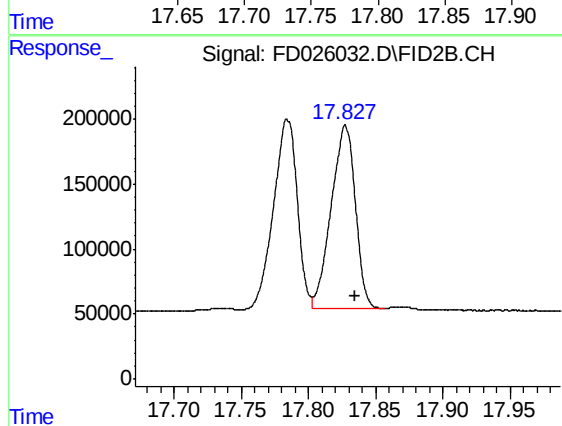
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.423 min
Delta R.T.: -0.006 min
Response: 1793622
Conc: 19.89 ug/ml



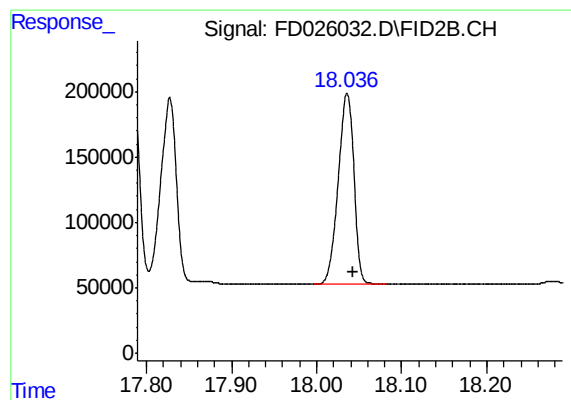
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.783 min
Delta R.T.: -0.008 min
Response: 1803075
Conc: 19.24 ug/ml m



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

R.T.: 17.827 min
Delta R.T.: -0.007 min
Response: 1771271
Conc: 19.55 ug/ml



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

R.T.: 18.036 min
Delta R.T.: -0.008 min
Response: 1880794
Conc: 19.54 ug/ml