

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111218AR\
 Data File : FD026565.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2018 11:46
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 13 02:04:56 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...	7.389	1334160	17.571 ug/ml
Spiked Amount 50.000		Recovery =	35.14%
6) S 2-Fluorobiphenyl (SURR)	8.240	942203	18.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.04%
11) S ortho-Terphenyl (SURR)	11.283	1621533	19.131 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	1457107	18.254 ug/ml
2) T Naphthalene (C11.7)	5.725	1569149	17.880 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	1539262	17.759 ug/ml
5) T Acenaphthylene (C15.06)	8.044	1517109	17.899 ug/ml
7) T Acenaphthene (C15.5)	8.339	1587318	17.953 ug/ml
8) T Fluorene (C16.55)	9.117	1589819	18.039 ug/ml
9) T Phenanthrene (C19.36)	10.507	1663952	18.954 ug/ml
10) T Anthracene (C19.43)	10.581	1664331	19.009 ug/ml
12) T Fluoranthene (C21.85)	12.311	1799880	20.667 ug/ml
13) T Pyrene (C20.8)	12.605	1824105	21.045 ug/ml
14) T Benzo[a]anthracene (C...	14.474	1801966	21.190 ug/ml
15) T Chrysene (C27.41)	14.516	1819450	21.231 ug/ml
16) T benzo[b]fluoranthene ...	16.019	1835900	19.721 ug/ml
17) T Bnezo[k]fluoranthene ...	16.052	1864786	20.138 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	1823063	19.315 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.755	1715565	17.865 ug/ml
20) T Dibenz[a,h]anthracene...	17.797	1673411	17.827 ug/ml
21) T Benzo[g,h,i]perylene ...	18.007	1771086	18.015 ug/ml

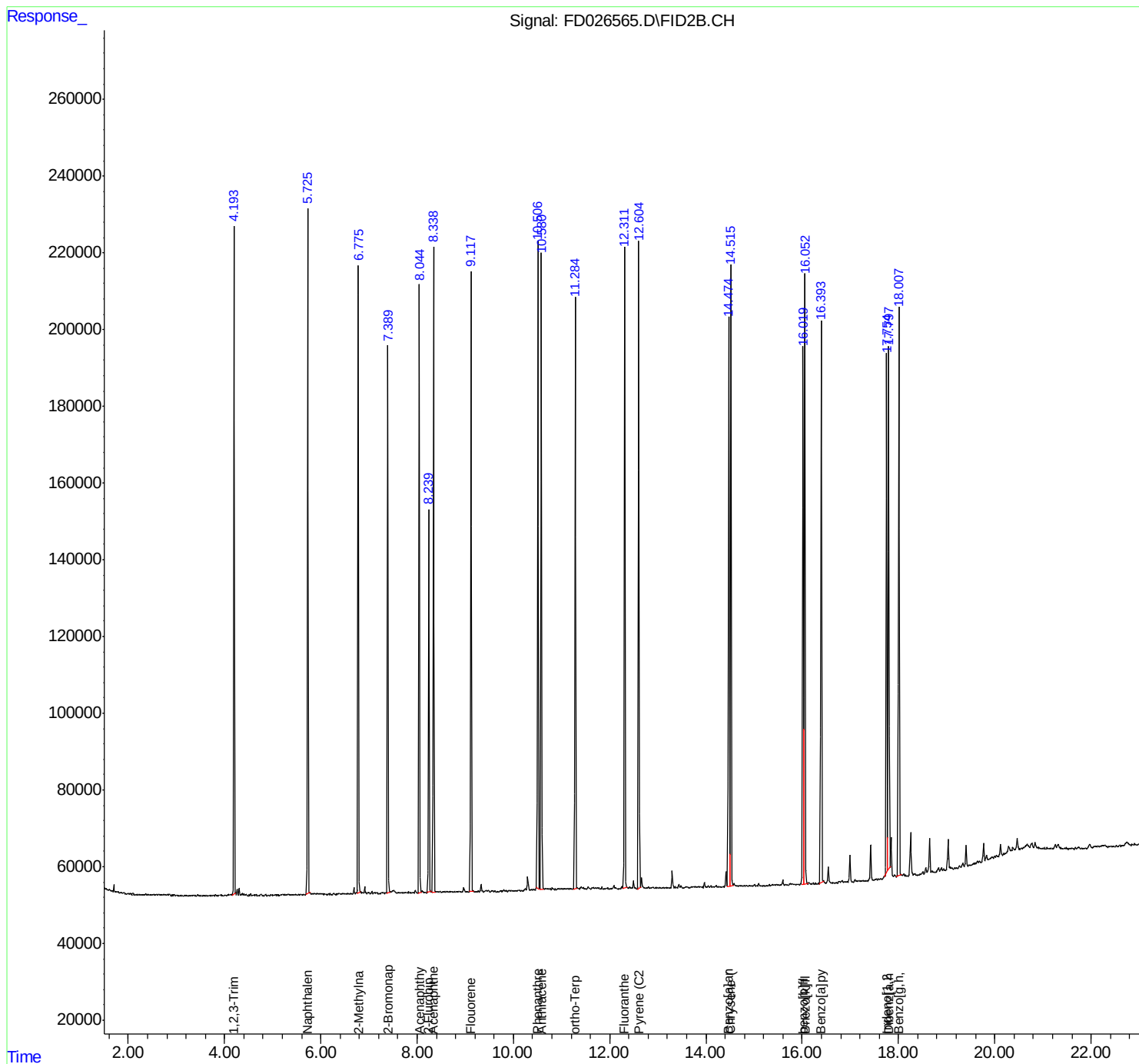
(f)=RT Delta > 1/2 Window

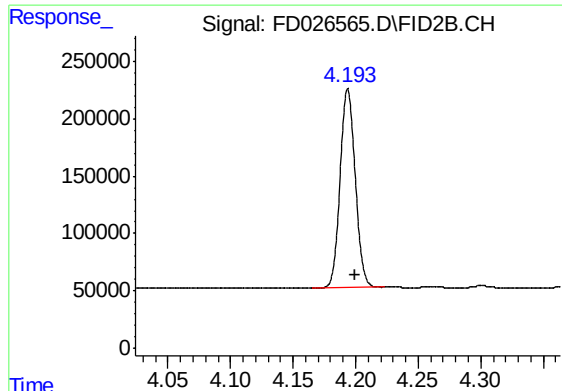
(m)=manual int.

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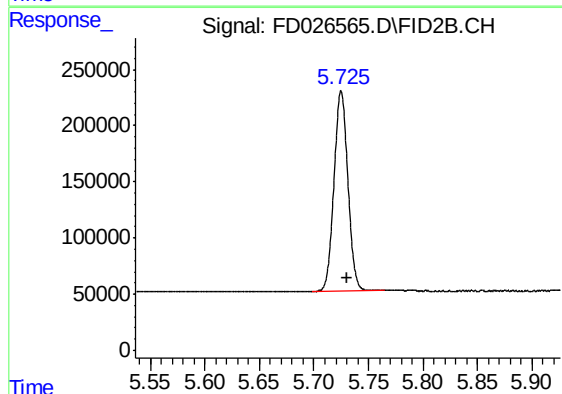
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Signal Info : 20M x 0.18mm x 0.18µm





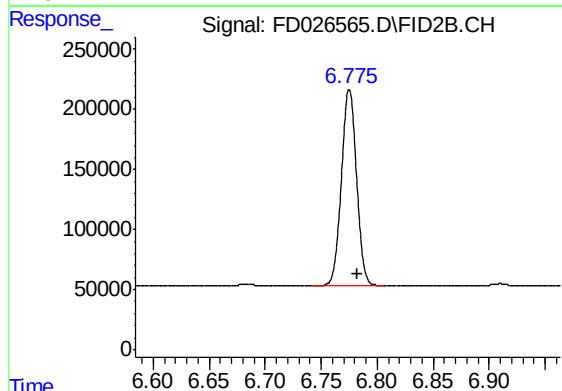
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.194 min
Delta R.T.: -0.005 min
Response: 1457107
Conc: 18.25 ug/ml



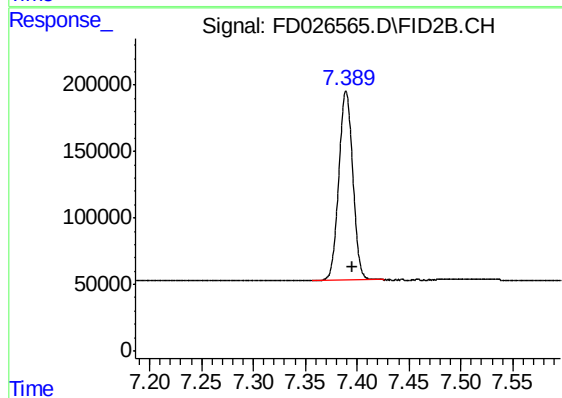
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.006 min
Response: 1569149
Conc: 17.88 ug/ml



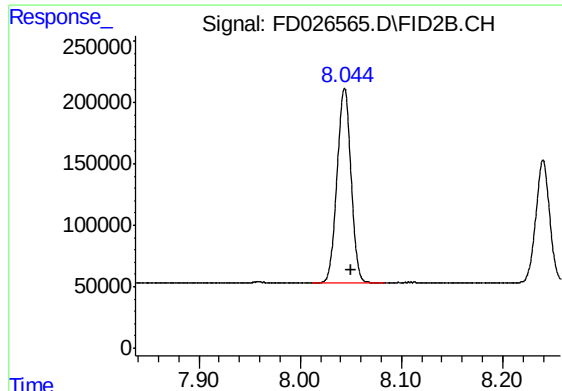
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.007 min
Response: 1539262
Conc: 17.76 ug/ml



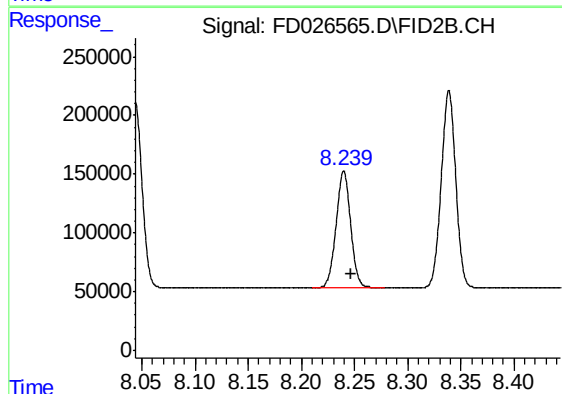
#4 2-Bromonaphthalene (SURR)

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 1334160
Conc: 17.57 ug/ml



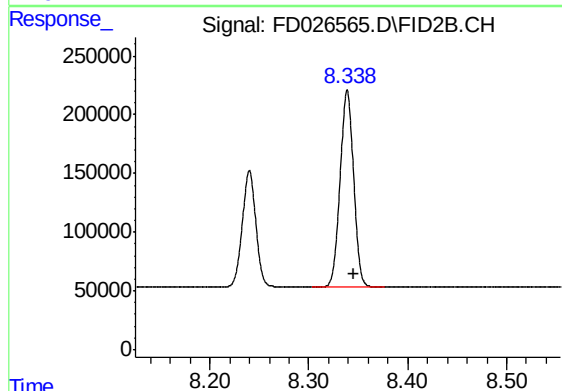
#5 Acenaphthylene (C15.06)

R.T.: 8.044 min
Delta R.T.: -0.007 min
Response: 1517109
Conc: 17.90 ug/ml



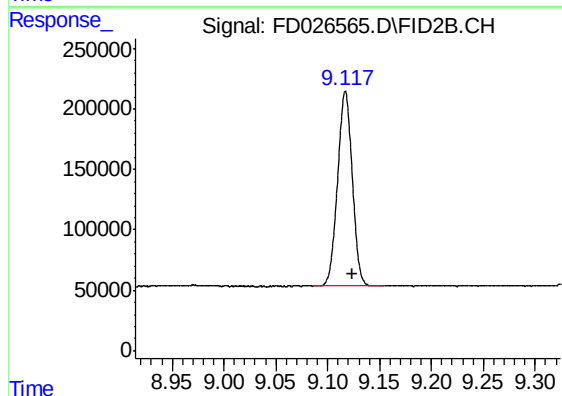
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: -0.007 min
Response: 942203
Conc: 18.02 ug/ml



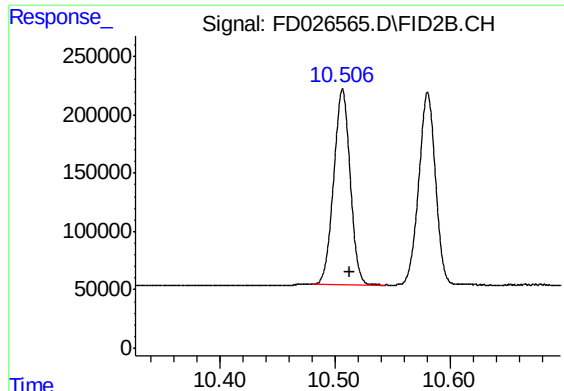
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: -0.007 min
Response: 1587318
Conc: 17.95 ug/ml



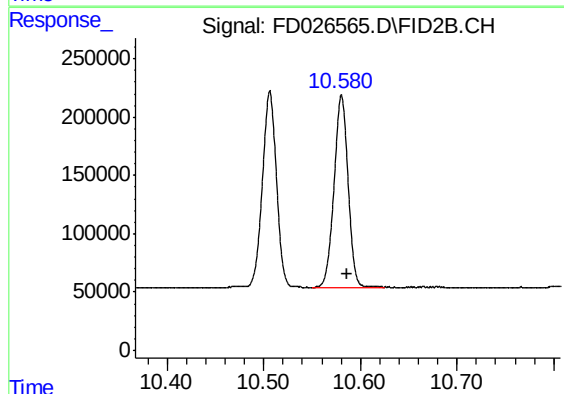
#8 Flouorene (C16.55)

R.T.: 9.117 min
Delta R.T.: -0.007 min
Response: 1589819
Conc: 18.04 ug/ml



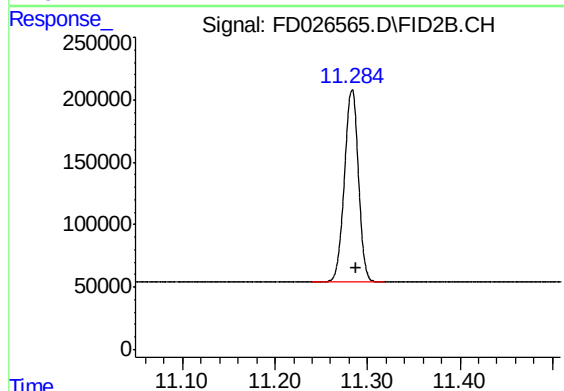
#9 Phenanthrene (C19.36)

R.T.: 10.507 min
Delta R.T.: -0.006 min
Response: 1663952
Conc: 18.95 ug/ml



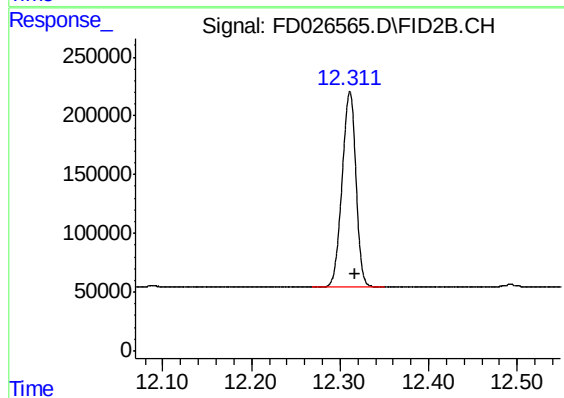
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: -0.006 min
Response: 1664331
Conc: 19.01 ug/ml



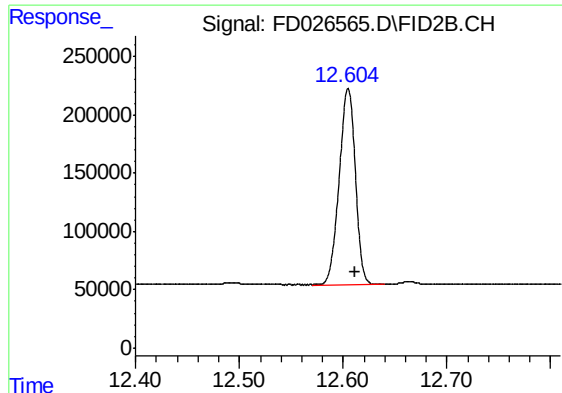
#11 ortho-Terphenyl (SURRE)

R.T.: 11.283 min
Delta R.T.: -0.005 min
Response: 1621533
Conc: 19.13 ug/ml



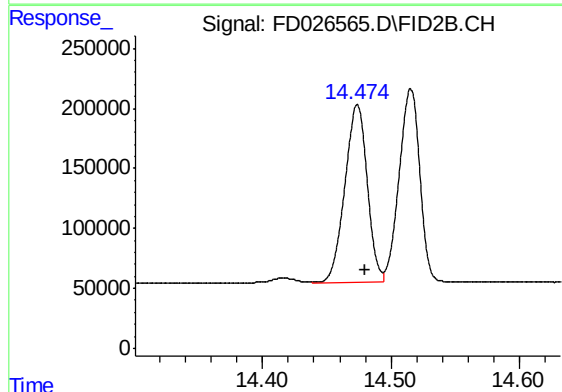
#12 Fluoranthene (C21.85)

R.T.: 12.311 min
Delta R.T.: -0.006 min
Response: 1799880
Conc: 20.67 ug/ml



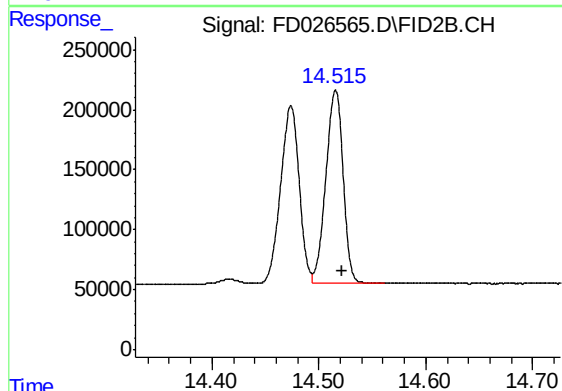
#13 Pyrene (C20.8)

R.T.: 12.605 min
Delta R.T.: -0.007 min
Response: 1824105
Conc: 21.05 ug/ml



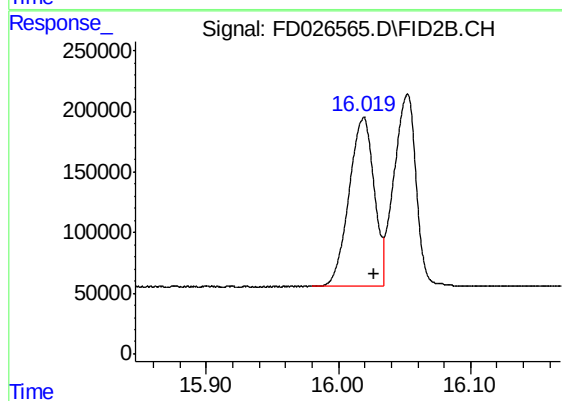
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: -0.006 min
Response: 1801966
Conc: 21.19 ug/ml



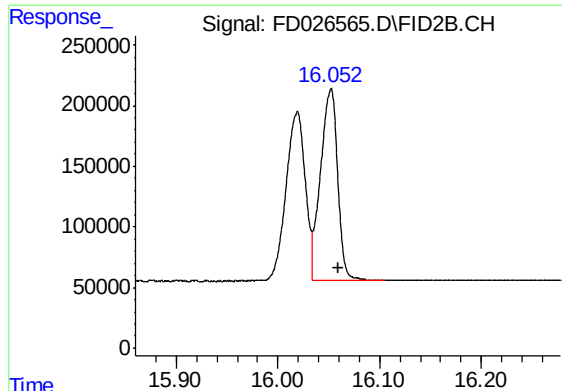
#15 Chrysene (C27.41)

R.T.: 14.516 min
Delta R.T.: -0.006 min
Response: 1819450
Conc: 21.23 ug/ml



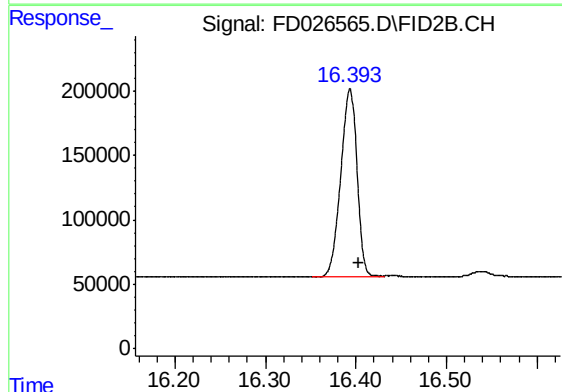
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.019 min
Delta R.T.: -0.008 min
Response: 1835900
Conc: 19.72 ug/ml



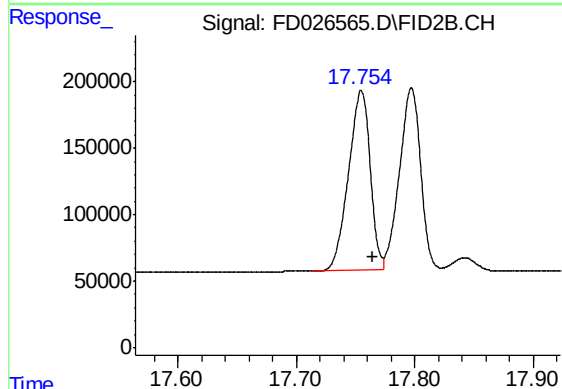
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.052 min
Delta R.T.: -0.007 min
Response: 1864786
Conc: 20.14 ug/ml



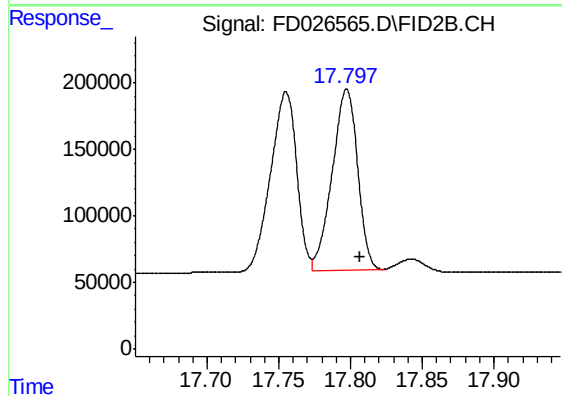
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: -0.009 min
Response: 1823063
Conc: 19.32 ug/ml



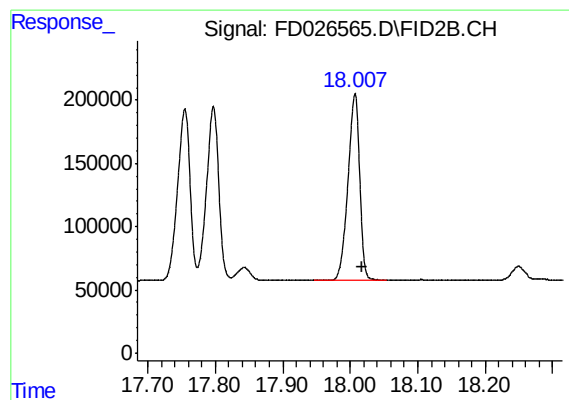
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.755 min
Delta R.T.: -0.009 min
Response: 1715565
Conc: 17.87 ug/ml



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

R.T.: 17.797 min
Delta R.T.: -0.010 min
Response: 1673411
Conc: 17.83 ug/ml



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

R.T.: 18.007 min
Delta R.T.: -0.010 min
Response: 1771086
Conc: 18.02 ug/ml