

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092718AR\
 Data File : FD025761.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2018 14:04
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 27 14:29:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 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...	7.427	1584322	20.295 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
6) S 2-Fluorobiphenyl (SURR)	8.279	1118075	20.291 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.58%
11) S ortho-Terphenyl (SURR)	11.323	1764839	20.518 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	1727675	20.397 ug/ml
2) T Naphthalene (C11.7)	5.763	1862455	20.335 ug/ml
3) T 2-Methylnaphthalene (...)	6.814	1809207	20.264 ug/ml
5) T Acenaphthylene (C15.06)	8.083	1763029	20.259 ug/ml
7) T Acenaphthene (C15.5)	8.379	1837569	20.222 ug/ml
8) T Fluorene (C16.55)	9.157	1825371	20.315 ug/ml
9) T Phenanthrene (C19.36)	10.547	1909673	20.507 ug/ml
10) T Anthracene (C19.43)	10.621	1879643	20.528 ug/ml
12) T Fluoranthene (C21.85)	12.353	2031603	20.728 ug/ml
13) T Pyrene (C20.8)	12.647	2062470	20.711 ug/ml
14) T Benzo[a]anthracene (C...	14.516	2031886	21.022 ug/ml
15) T Chrysene (C27.41)	14.558	2042000	20.997 ug/ml
16) T benzo[b]fluoranthene ...	16.061	2069664	21.066 ug/ml
17) T Bnezo[k]fluoranthene ...	16.094	2058818	21.117 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	2060384	21.092 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	1969070	20.770 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	1926894	20.810 ug/ml
21) T Benzo[g,h,i]perylene ...	18.052	2019335	20.989 ug/ml

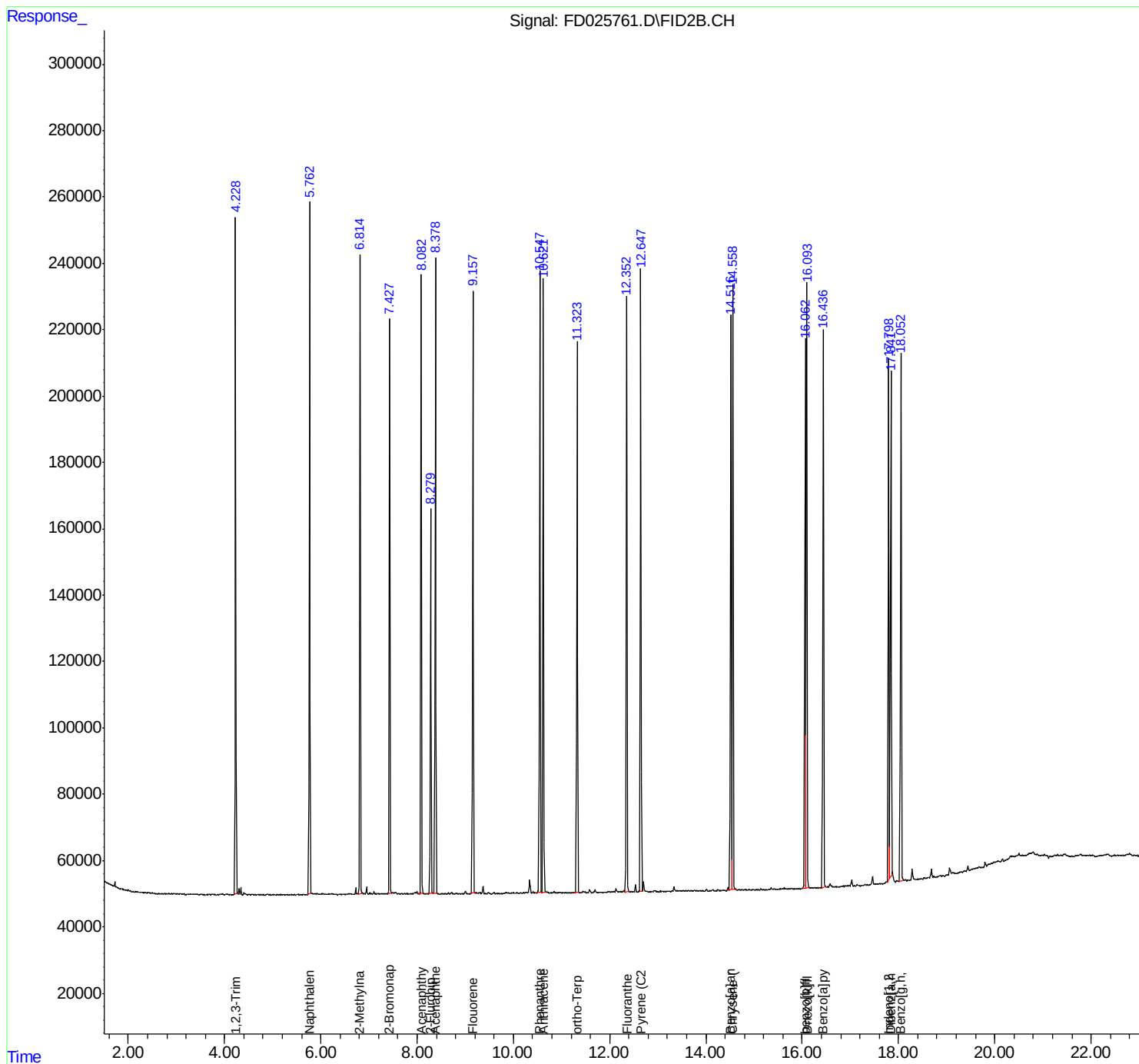
(f)=RT Delta > 1/2 Window

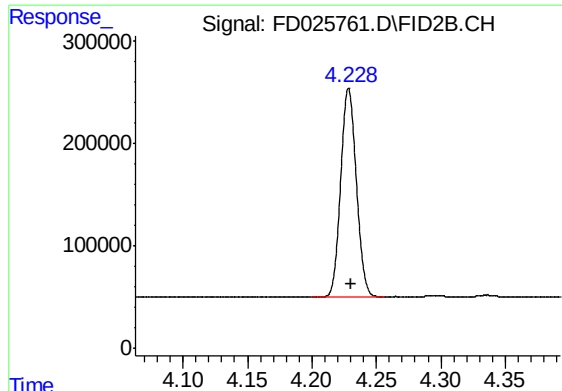
(m)=manual int.

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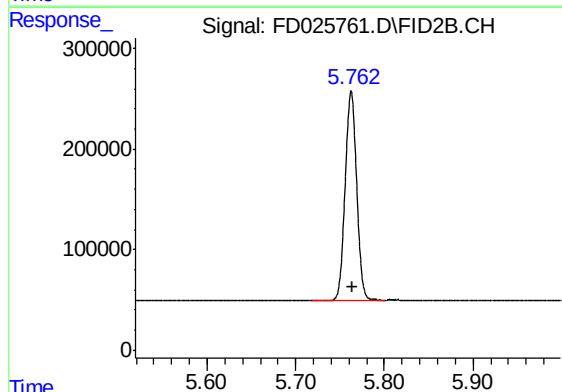
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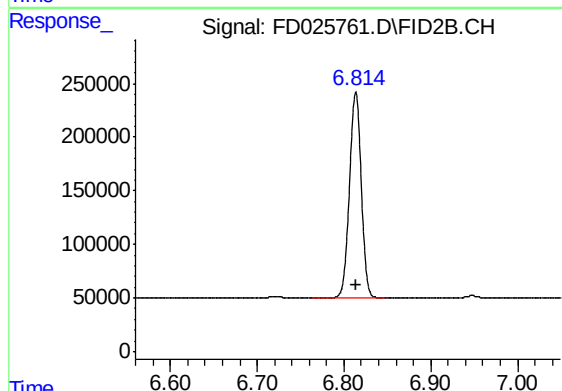
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.229 min
Delta R.T.: -0.001 min
Response: 1727675
Conc: 20.40 ug/ml



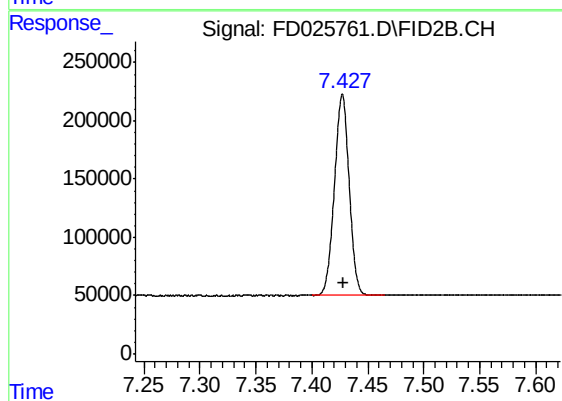
#2 Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: -0.001 min
Response: 1862455
Conc: 20.33 ug/ml



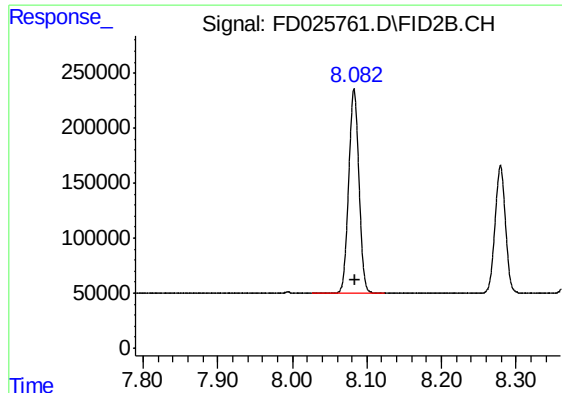
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 1809207
Conc: 20.26 ug/ml



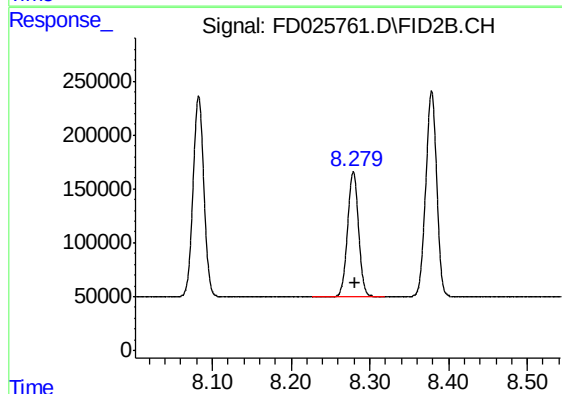
#4 2-Bromonaphthalene (SURR)

R.T.: 7.427 min
Delta R.T.: 0.000 min
Response: 1584322
Conc: 20.29 ug/ml



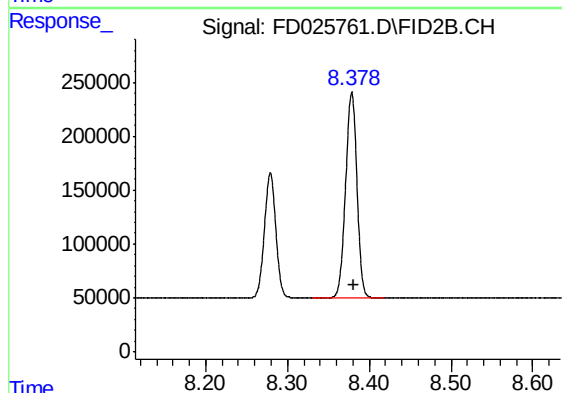
#5 Acenaphthylene (C15.06)

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 1763029
Conc: 20.26 ug/ml



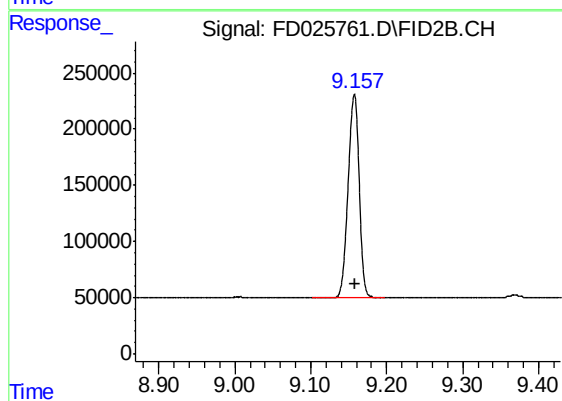
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.279 min
Delta R.T.: -0.002 min
Response: 1118075
Conc: 20.29 ug/ml



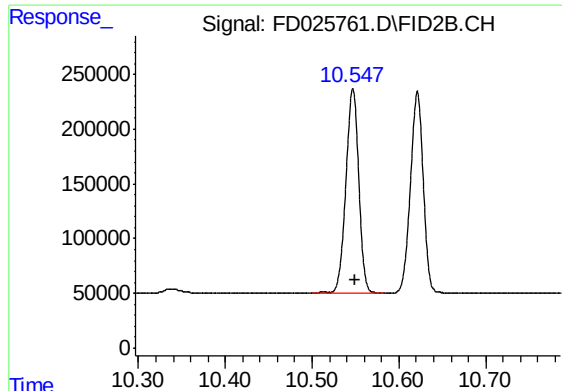
#7 Acenaphthene (C15.5)

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 1837569
Conc: 20.22 ug/ml



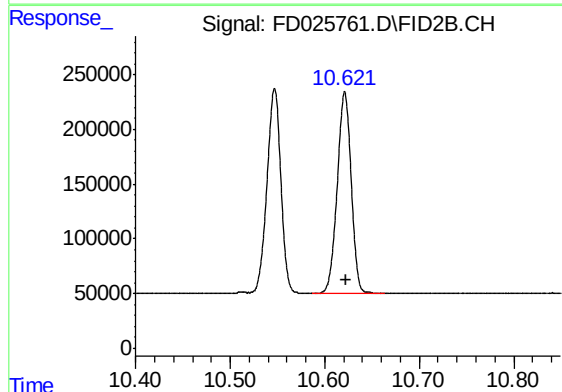
#8 Flouorene (C16.55)

R.T.: 9.157 min
Delta R.T.: -0.001 min
Response: 1825371
Conc: 20.32 ug/ml



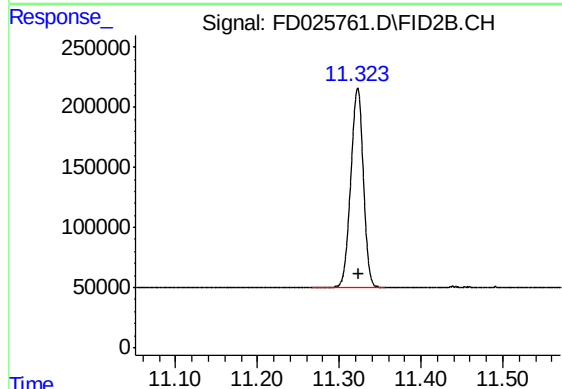
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: -0.003 min
Response: 1909673
Conc: 20.51 ug/ml



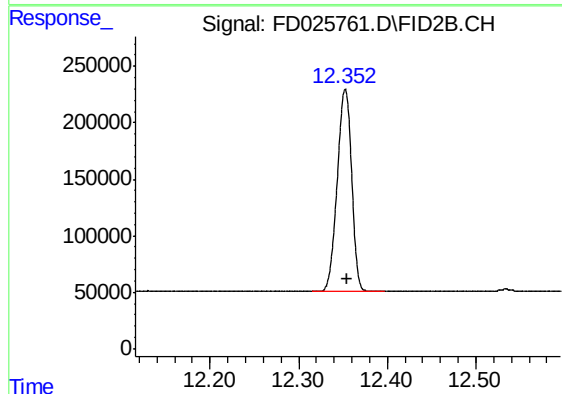
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: -0.002 min
Response: 1879643
Conc: 20.53 ug/ml



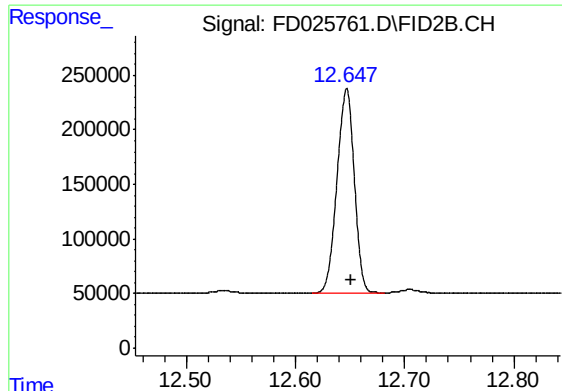
#11 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: -0.002 min
Response: 1764839
Conc: 20.52 ug/ml



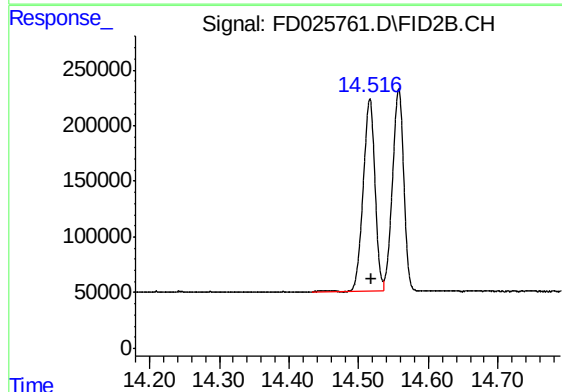
#12 Fluoranthene (C21.85)

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 2031603
Conc: 20.73 ug/ml



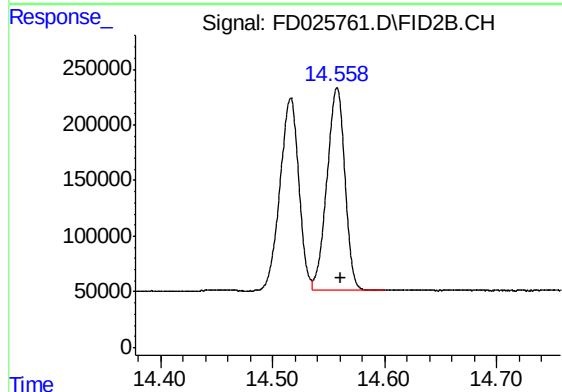
#13 Pyrene (C20.8)

R.T.: 12.647 min
Delta R.T.: -0.004 min
Response: 2062470
Conc: 20.71 ug/ml



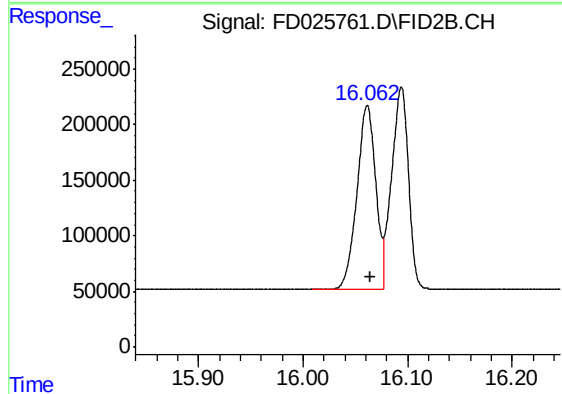
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.516 min
Delta R.T.: -0.003 min
Response: 2031886
Conc: 21.02 ug/ml



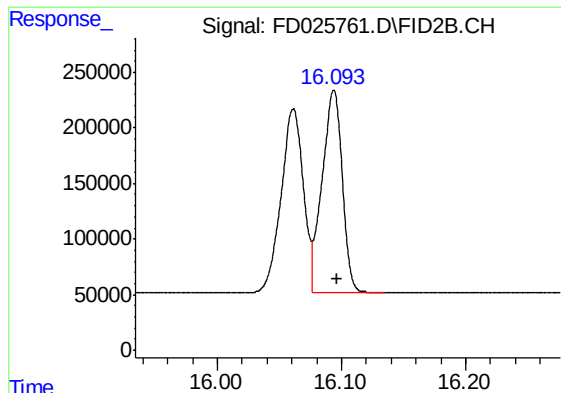
#15 Chrysene (C27.41)

R.T.: 14.558 min
Delta R.T.: -0.004 min
Response: 2042000
Conc: 21.00 ug/ml



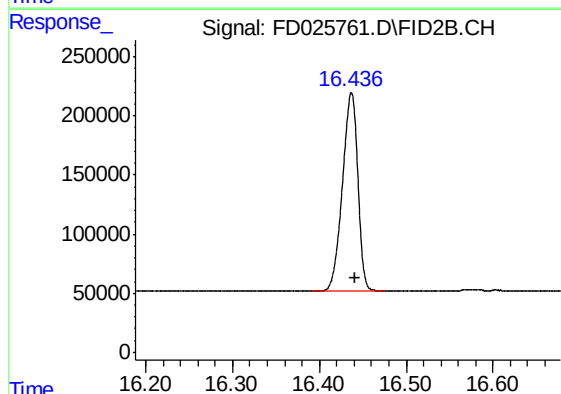
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.061 min
Delta R.T.: -0.003 min
Response: 2069664
Conc: 21.07 ug/ml



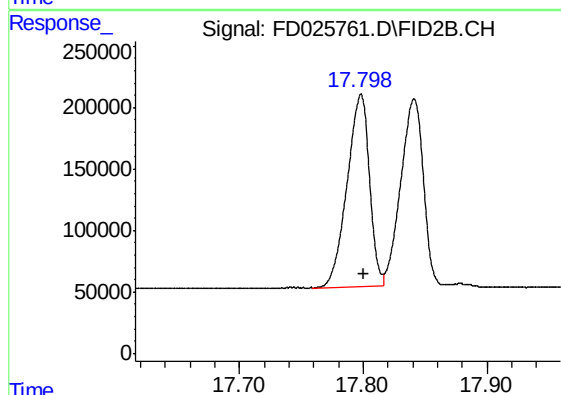
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.094 min
Delta R.T.: -0.003 min
Response: 2058818
Conc: 21.12 ug/ml



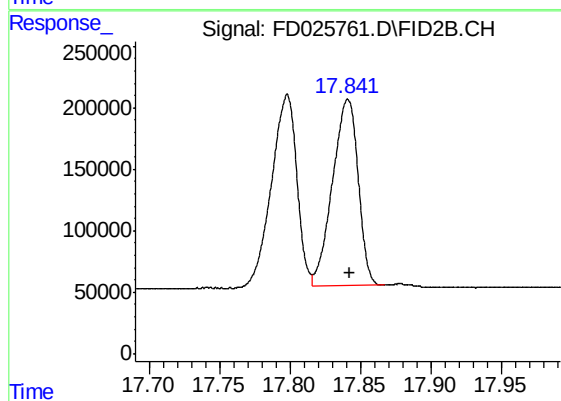
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.437 min
Delta R.T.: -0.004 min
Response: 2060384
Conc: 21.09 ug/ml



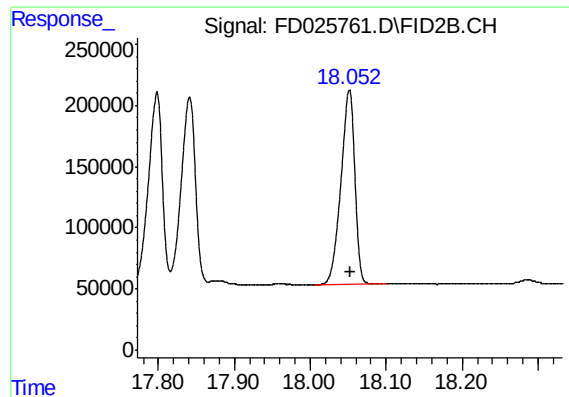
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: -0.002 min
Response: 1969070
Conc: 20.77 ug/ml



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

R.T.: 17.841 min
Delta R.T.: -0.001 min
Response: 1926894
Conc: 20.81 ug/ml



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

R.T.: 18.052 min
Delta R.T.: -0.002 min
Response: 2019335
Conc: 20.99 ug/ml