

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032919AR\
 Data File : FD028533.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2019 9:52
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 29 23:26:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.118	1775161	18.711 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
6) S 2-Fluorobiphenyl (SURR)	7.986	1194213	18.318 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.64%
11) S ortho-Terphenyl (SURR)	11.025	1937506	17.413 ug/ml
Spiked Amount 50.000		Recovery =	34.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.938	1935075	19.781 ug/ml
2) T Naphthalene (C11.7)	5.462	2052004	19.261 ug/ml
3) T 2-Methylnaphthalene (...)	6.511	2024634	18.925 ug/ml
5) T Acenaphthylene (C15.06)	7.789	1906219	18.408 ug/ml
7) T Acenaphthene (C15.5)	8.085	1987531	18.322 ug/ml
8) T Fluorene (C16.55)	8.865	1958149	18.011 ug/ml
9) T Phenanthrene (C19.36)	10.264	1900108	17.547 ug/ml
10) T Anthracene (C19.43)	10.338	1882424	17.523 ug/ml
12) T Fluoranthene (C21.85)	12.074	1912323	17.688 ug/ml
13) T Pyrene (C20.8)	12.372	1916874	17.800 ug/ml
14) T Benzo[a]anthracene (C...	14.239	1963655	18.729 ug/ml
15) T Chrysene (C27.41)	14.281	1969781	18.812 ug/ml
16) T benzo[b]fluoranthene ...	15.788	2083265	19.220 ug/ml
17) T Bnezo[k]fluoranthene ...	15.820	2061930	19.214 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.167	2081688	19.239 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.530	2133341	19.304 ug/ml
20) T Dibenz[a,h]anthracene...	17.568	2104133	19.574 ug/ml
21) T Benzo[g,h,i]perylene ...	17.786	2097892	19.358 ug/ml

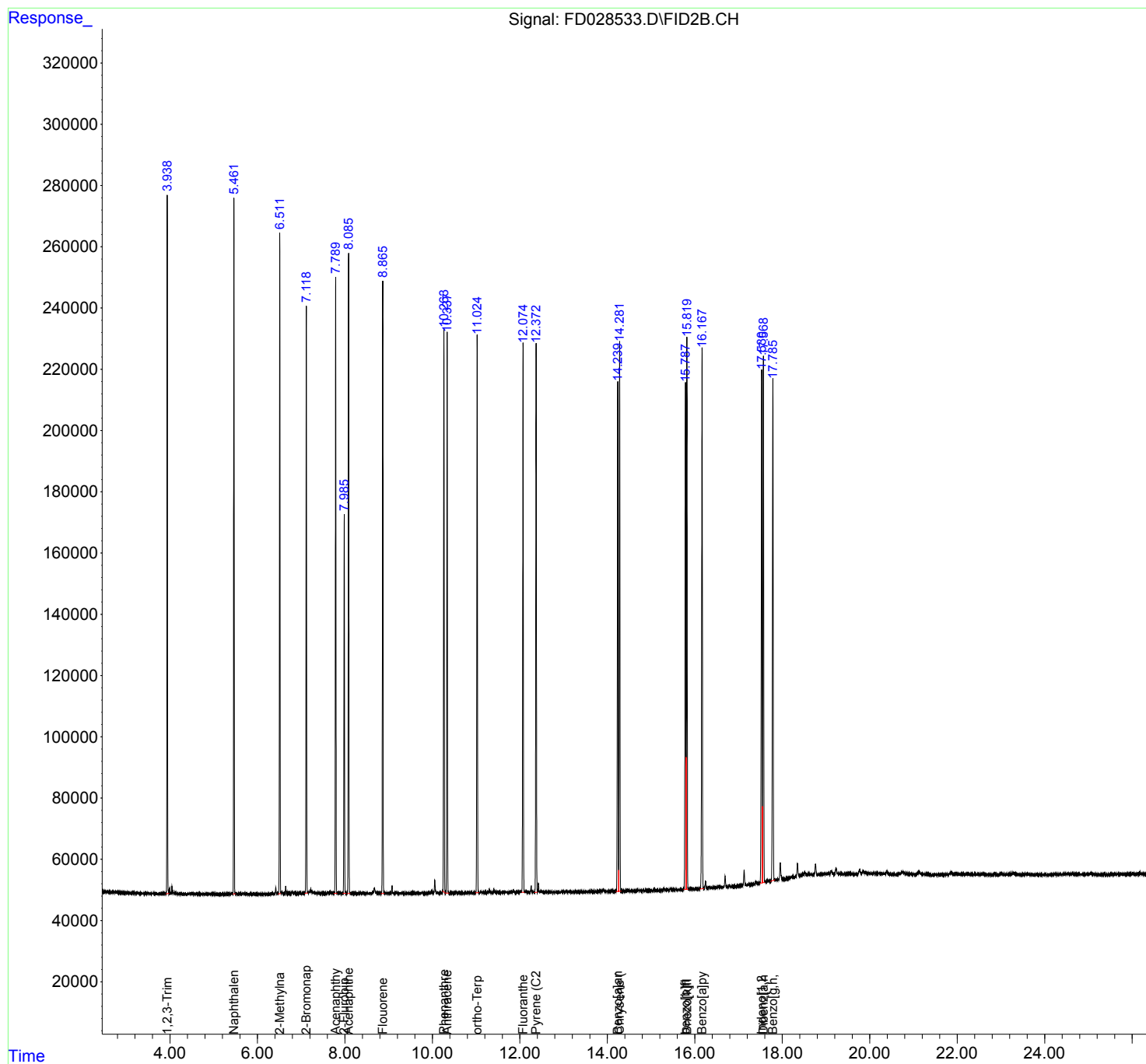
(f)=RT Delta > 1/2 Window

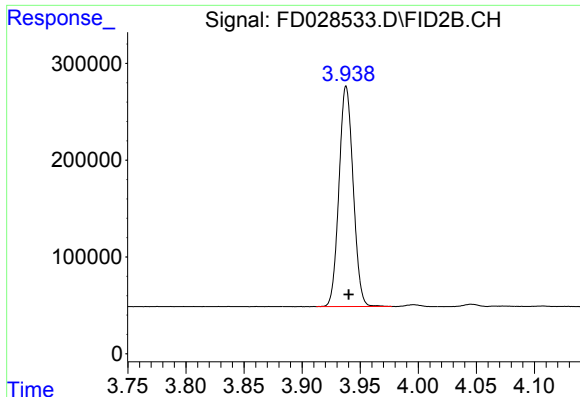
(m)=manual int.

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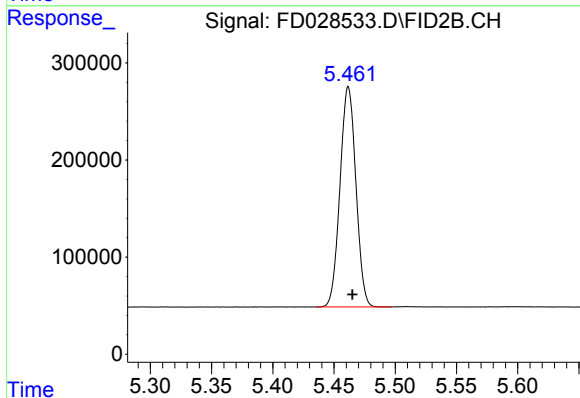
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Signal Info : 20M x 0.18mm x 0.18µm





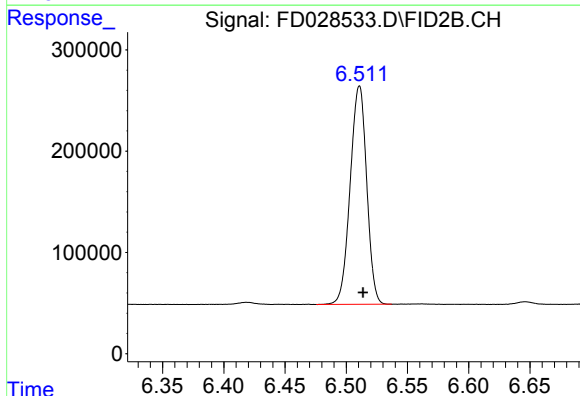
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 1935075
Conc: 19.78 ug/ml



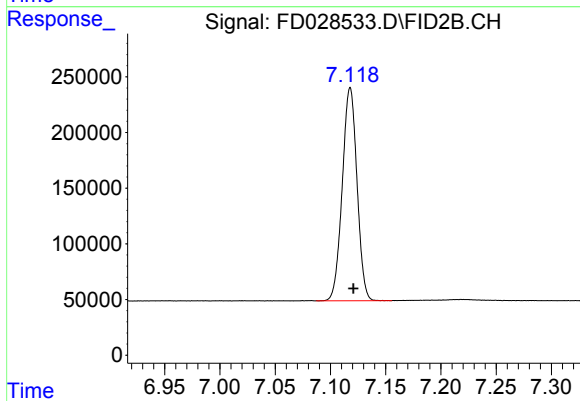
#2 Naphthalene (C11.7)

R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 2052004
Conc: 19.26 ug/ml



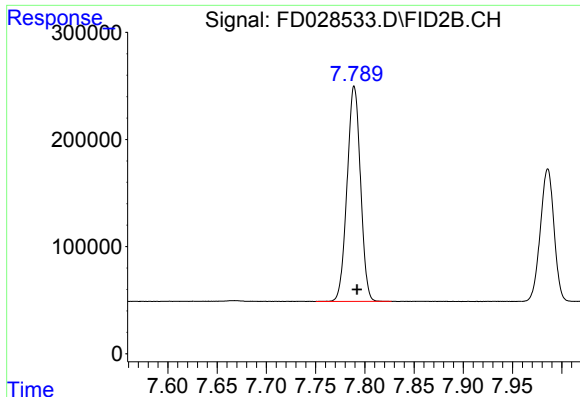
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.511 min
Delta R.T.: -0.003 min
Response: 2024634
Conc: 18.92 ug/ml



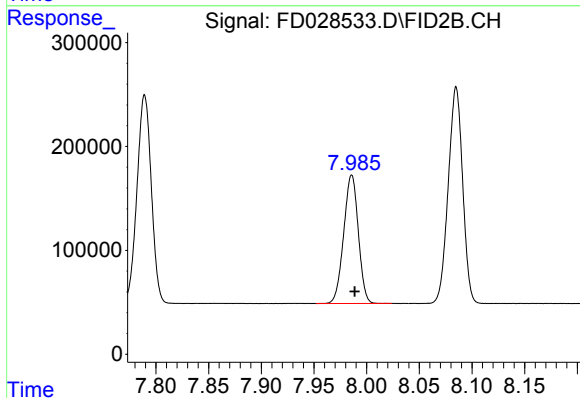
#4 2-Bromonaphthalene (SURR)

R.T.: 7.118 min
Delta R.T.: -0.003 min
Response: 1775161
Conc: 18.71 ug/ml



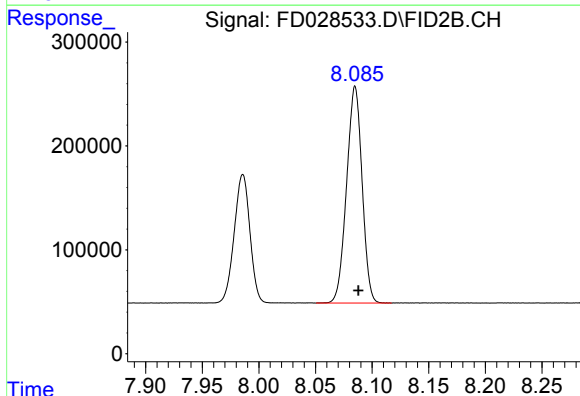
#5 Acenaphthylene (C15.06)

R.T.: 7.789 min
Delta R.T.: -0.003 min
Response: 1906219
Conc: 18.41 ug/ml



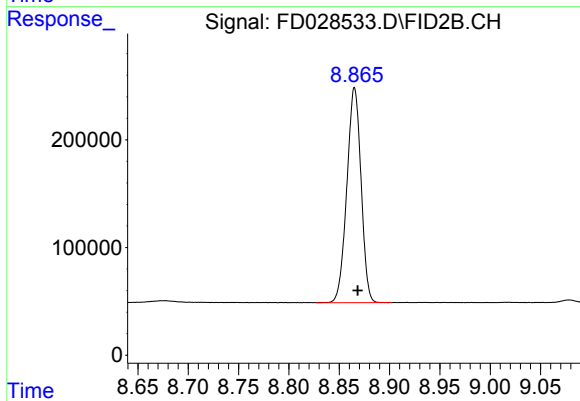
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.986 min
Delta R.T.: -0.003 min
Response: 1194213
Conc: 18.32 ug/ml



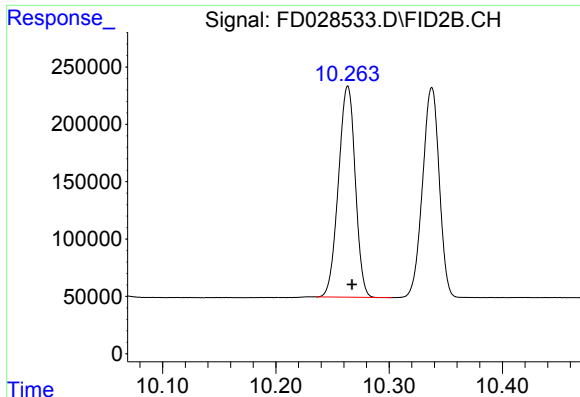
#7 Acenaphthene (C15.5)

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 1987531
Conc: 18.32 ug/ml



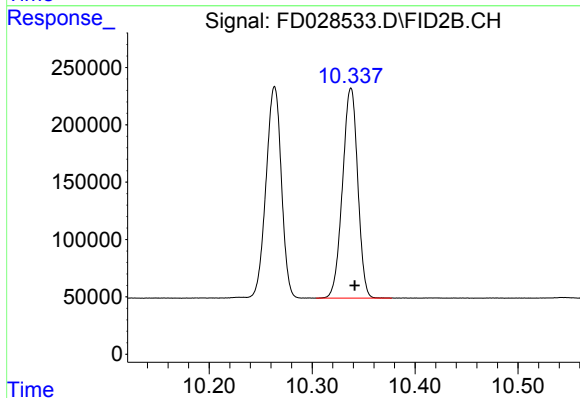
#8 Fluorene (C16.55)

R.T.: 8.865 min
Delta R.T.: -0.003 min
Response: 1958149
Conc: 18.01 ug/ml



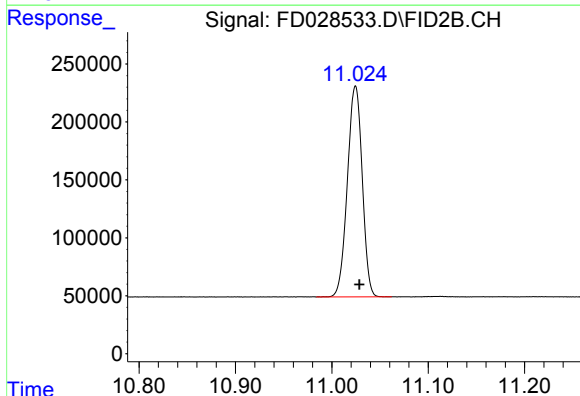
#9 Phenanthrene (C19.36)

R.T.: 10.264 min
Delta R.T.: -0.004 min
Response: 1900108
Conc: 17.55 ug/ml



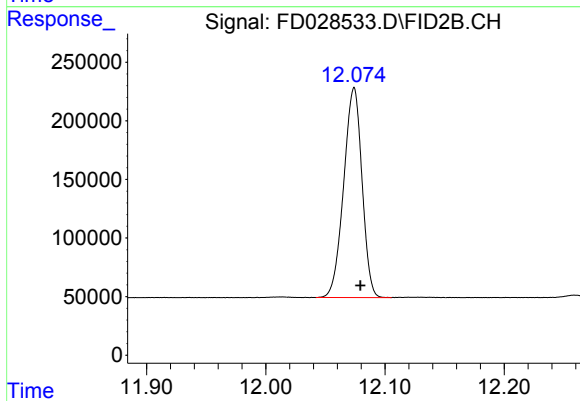
#10 Anthracene (C19.43)

R.T.: 10.338 min
Delta R.T.: -0.004 min
Response: 1882424
Conc: 17.52 ug/ml



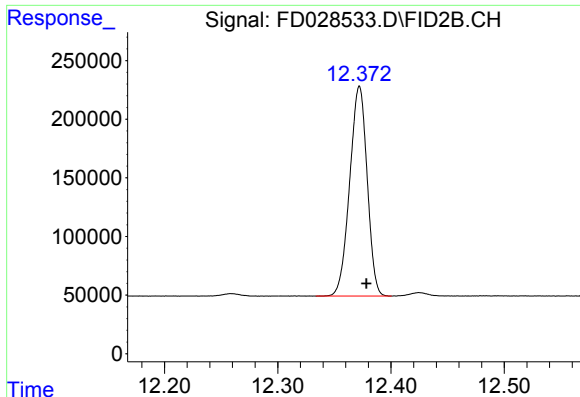
#11 ortho-Terphenyl (SURR)

R.T.: 11.025 min
Delta R.T.: -0.004 min
Response: 1937506
Conc: 17.41 ug/ml



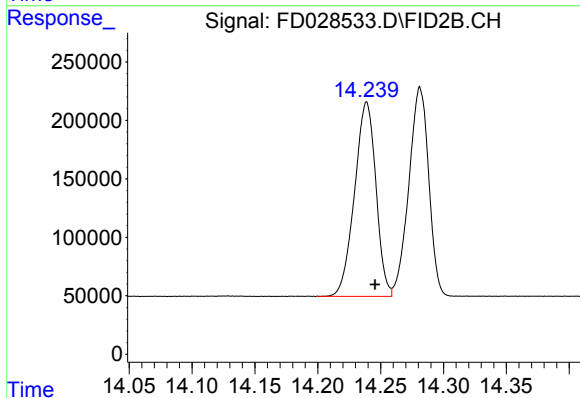
#12 Fluoranthene (C21.85)

R.T.: 12.074 min
Delta R.T.: -0.005 min
Response: 1912323
Conc: 17.69 ug/ml



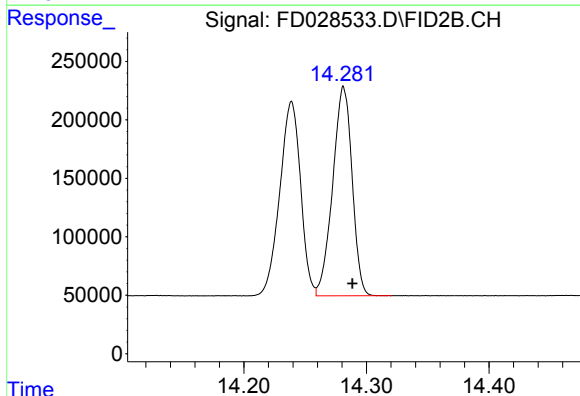
#13 Pyrene (C20.8)

R.T.: 12.372 min
Delta R.T.: -0.006 min
Response: 1916874
Conc: 17.80 ug/ml



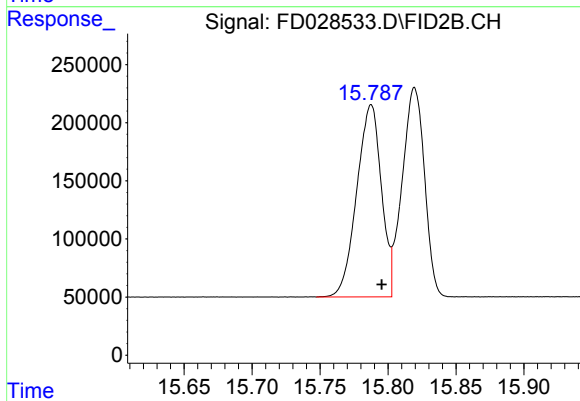
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.239 min
Delta R.T.: -0.007 min
Response: 1963655
Conc: 18.73 ug/ml



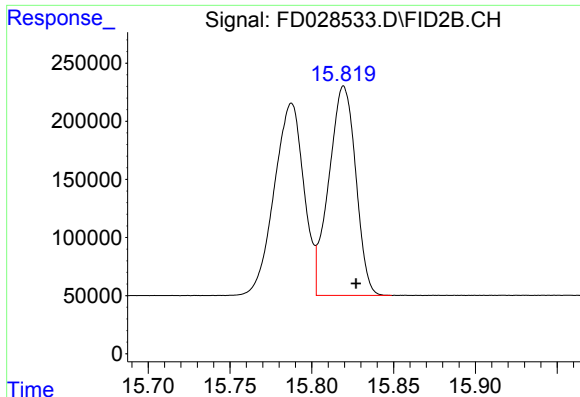
#15 Chrysene (C27.41)

R.T.: 14.281 min
Delta R.T.: -0.007 min
Response: 1969781
Conc: 18.81 ug/ml



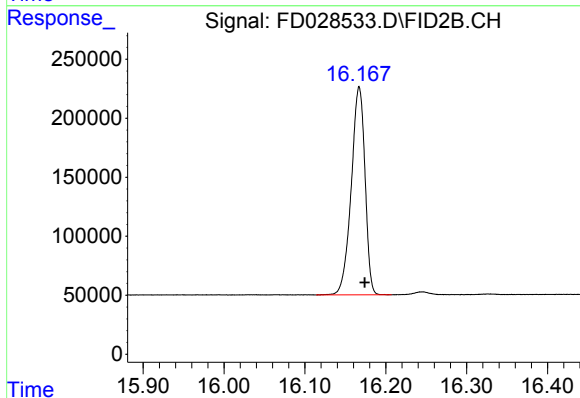
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.788 min
Delta R.T.: -0.008 min
Response: 2083265
Conc: 19.22 ug/ml



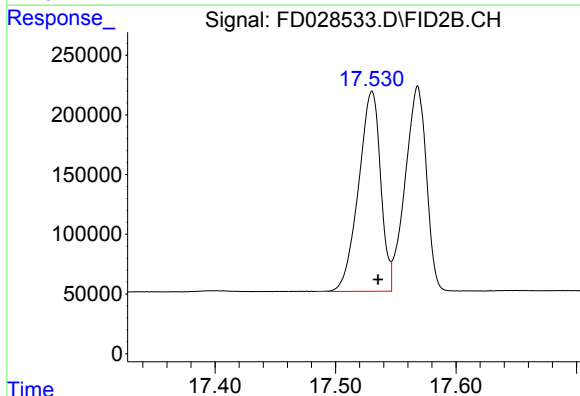
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.820 min
Delta R.T.: -0.007 min
Response: 2061930
Conc: 19.21 ug/ml



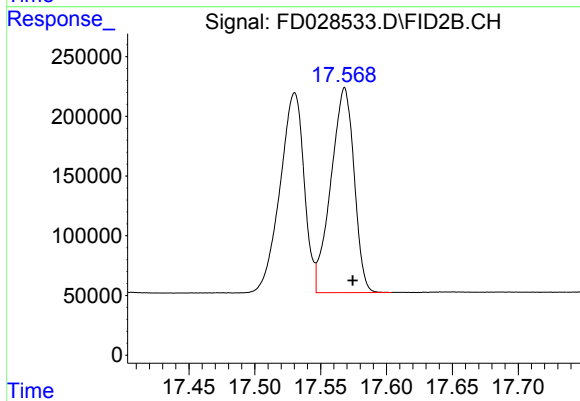
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.167 min
Delta R.T.: -0.007 min
Response: 2081688
Conc: 19.24 ug/ml



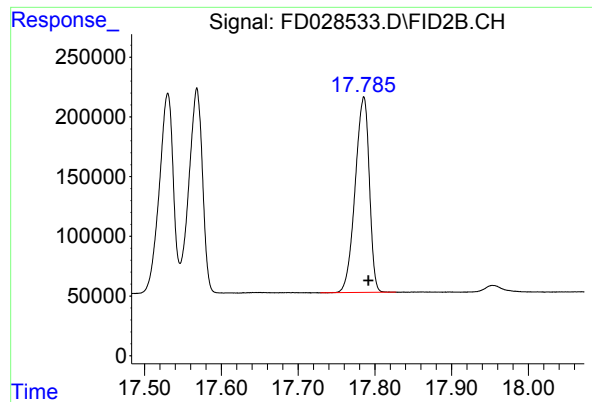
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.530 min
Delta R.T.: -0.005 min
Response: 2133341
Conc: 19.30 ug/ml



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

R.T.: 17.568 min
Delta R.T.: -0.006 min
Response: 2104133
Conc: 19.57 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.006 min
Response: 2097892
Conc: 19.36 ug/ml