

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071918AR\
 Data File : FD025135.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jul 2018 11:05
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 20 04:45:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.474	1608882	17.588 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
6) S 2-Fluorobiphenyl (SURR)	8.331	1100625	17.354 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.71%
11) S ortho-Terphenyl (SURR)	11.379	1891391	18.847 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	2031177	21.855 ug/ml
2) T Naphthalene (C11.7)	5.807	1945715	19.175 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	1828757	17.987 ug/ml
5) T Acenaphthylene (C15.06)	8.134	1727921	17.305 ug/ml
7) T Acenaphthene (C15.5)	8.430	1803733	17.267 ug/ml
8) T Fluorene (C16.55)	9.211	1831815	17.532 ug/ml
9) T Phenanthrene (C19.36)	10.605	1966316	19.124 ug/ml
10) T Anthracene (C19.43)	10.679	1953304	19.159 ug/ml
12) T Fluoranthene (C21.85)	12.415	2162698	21.690 ug/ml
13) T Pyrene (C20.8)	12.711	2187860	22.002 ug/ml
14) T Benzo[alanthracene (C...	14.583	2174922	23.167 ug/ml
15) T Chrysene (C27.41)	14.625	2185135	23.098 ug/ml
16) T benzo[b]fluoranthene ...	16.133	2229325	21.558 ug/ml
17) T Benzo[k]fluoranthene ...	16.165	2239722	21.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	2207891	21.246 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	2155236	20.220 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	2266176	21.667 ug/ml
21) T Benzo[a,h,i]perylene ...	18.129	2147905	20.222 ug/ml

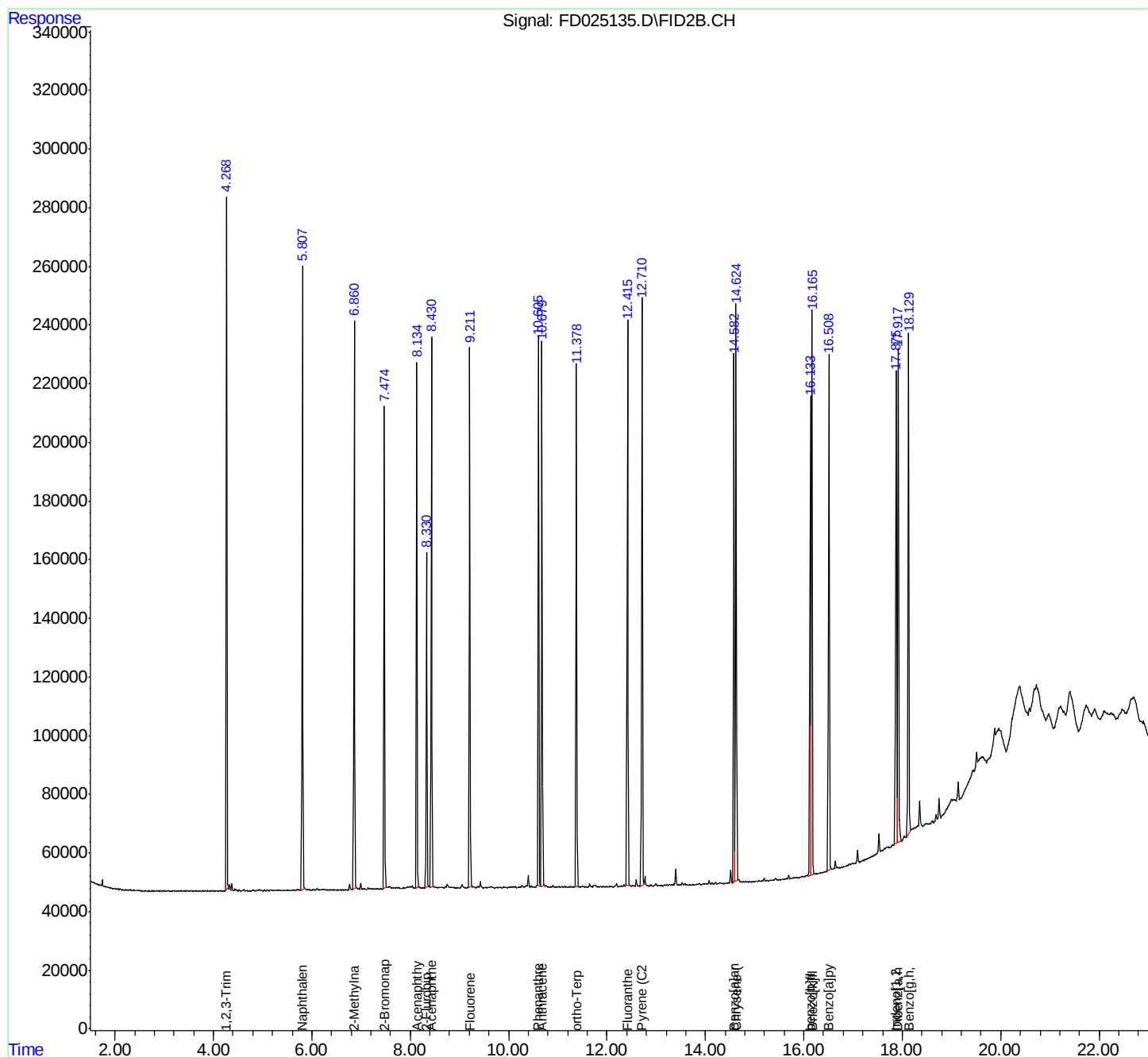
(f)=RT Delta > 1/2 Window

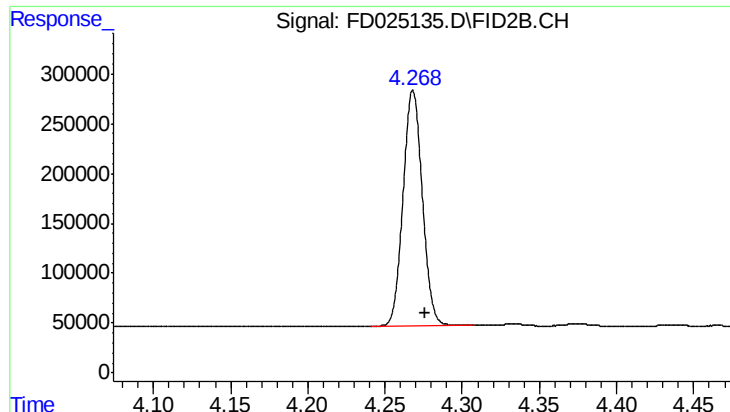
(m)=manual int.

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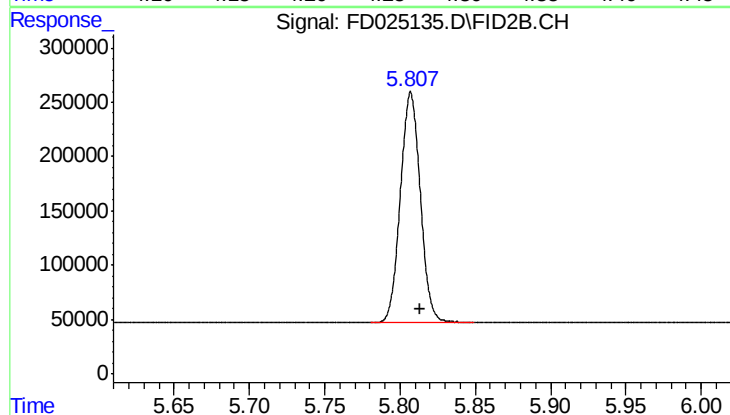
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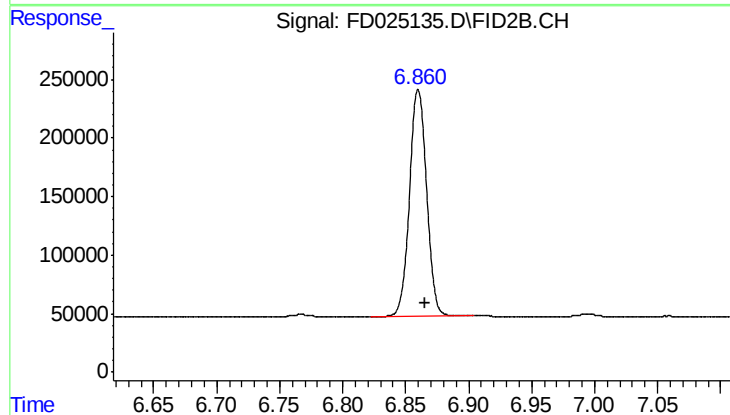
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.008 min
Response: 2031177
Conc: 21.86 ug/ml



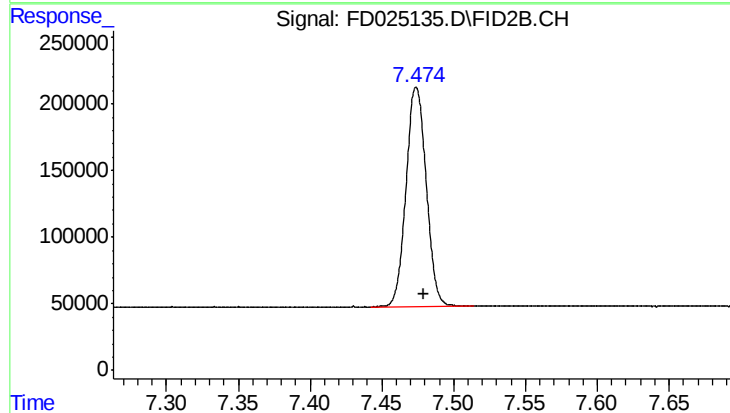
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 1945715
Conc: 19.17 ug/ml



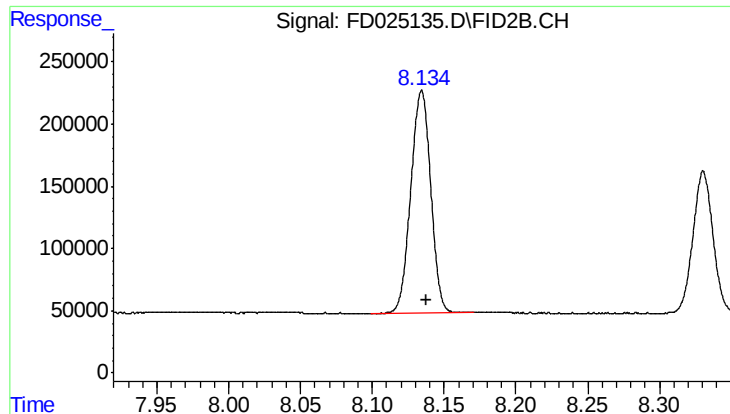
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.005 min
Response: 1828757
Conc: 17.99 ug/ml



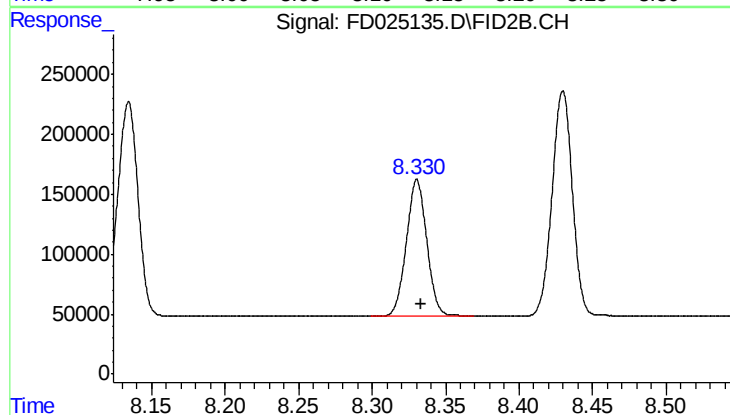
#4 2-Bromonaphthalene (SURR)

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 1608882
Conc: 17.59 ug/ml



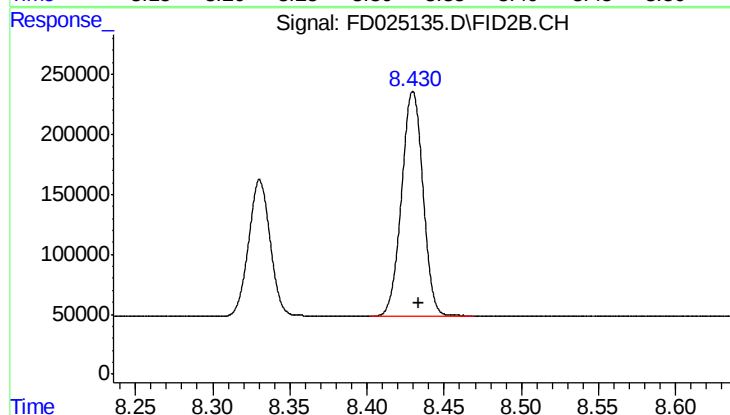
#5 Acenaphthylene (C15.06)

R.T.: 8.134 min
Delta R.T.: -0.003 min
Response: 1727921
Conc: 17.31 ug/ml



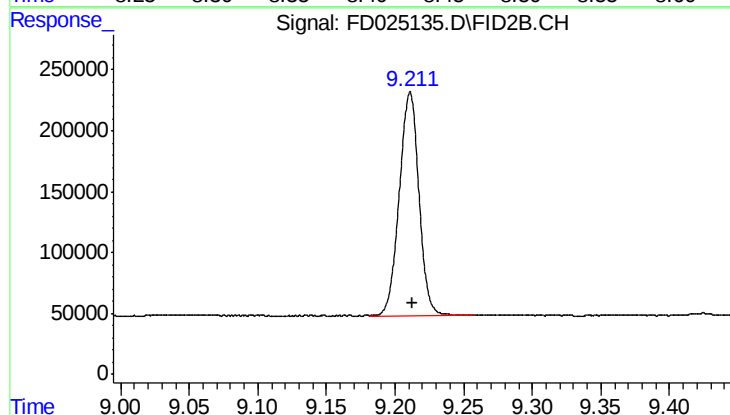
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 1100625
Conc: 17.35 ug/ml



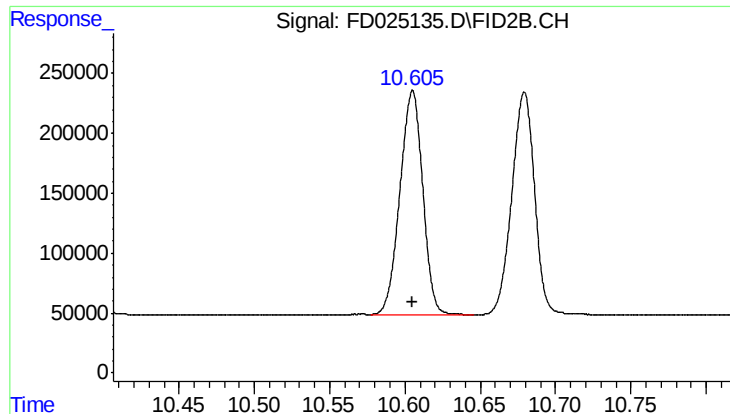
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: -0.003 min
Response: 1803733
Conc: 17.27 ug/ml



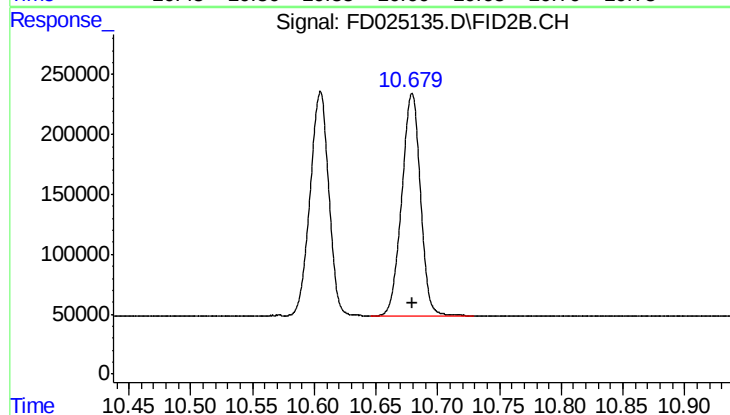
#8 Fluorene (C16.55)

R.T.: 9.211 min
Delta R.T.: -0.002 min
Response: 1831815
Conc: 17.53 ug/ml



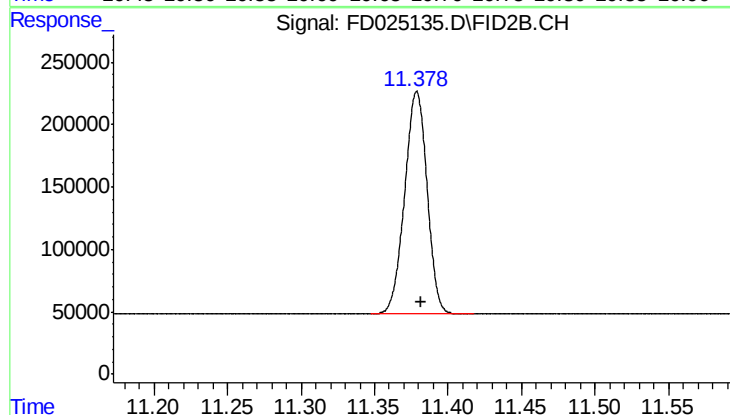
#9 Phenanthrene (C19.36)

R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 1966316
Conc: 19.12 ug/ml



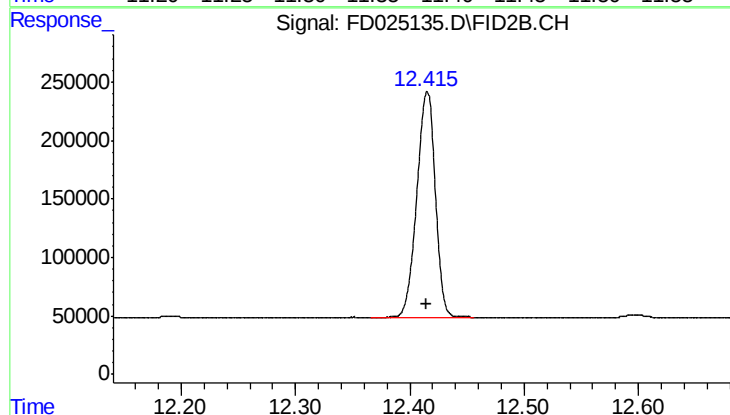
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: 0.000 min
Response: 1953304
Conc: 19.16 ug/ml



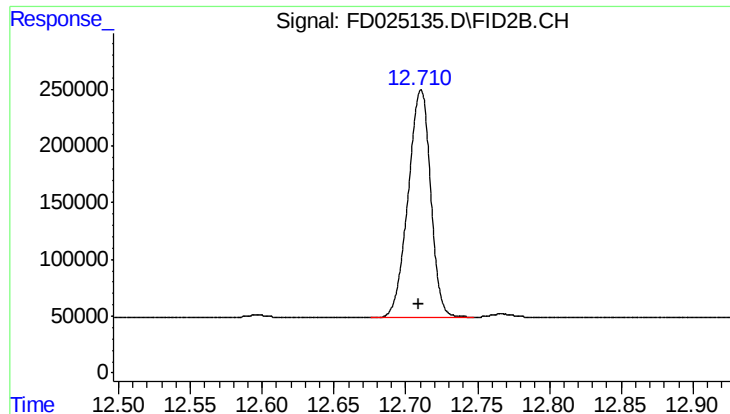
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.003 min
Response: 1891391
Conc: 18.85 ug/ml



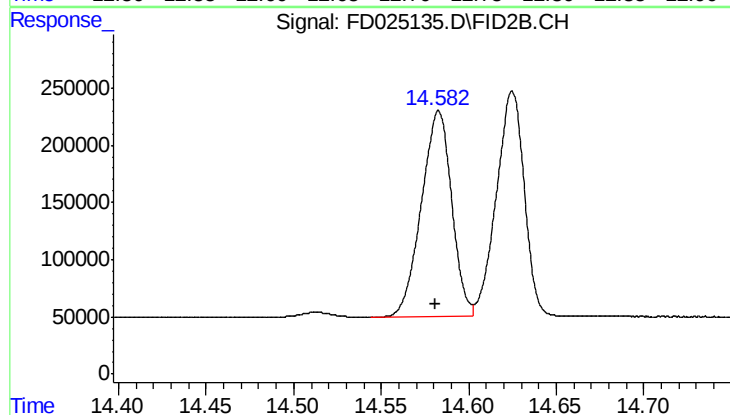
#12 Fluoranthene (C21.85)

R.T.: 12.415 min
Delta R.T.: 0.001 min
Response: 2162698
Conc: 21.69 ug/ml



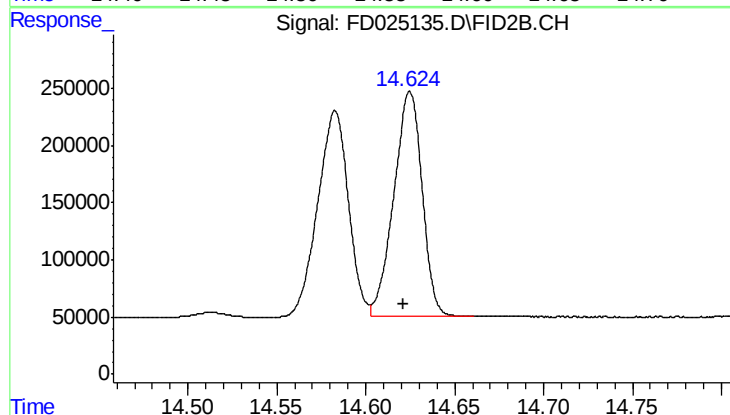
#13 Pyrene (C20.8)

R.T.: 12.711 min
Delta R.T.: 0.002 min
Response: 2187860
Conc: 22.00 ug/ml



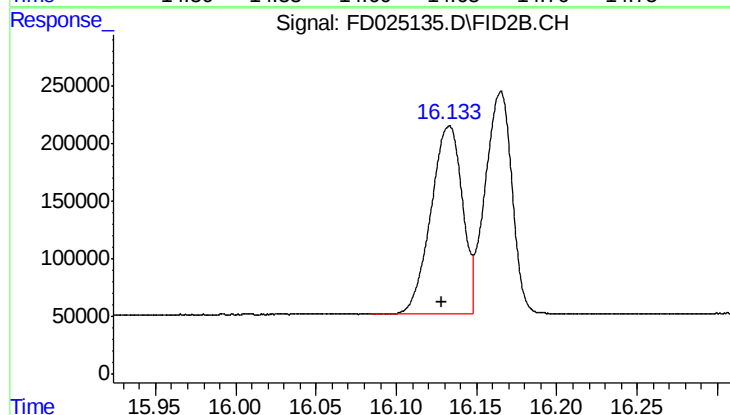
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: 0.002 min
Response: 2174922
Conc: 23.17 ug/ml



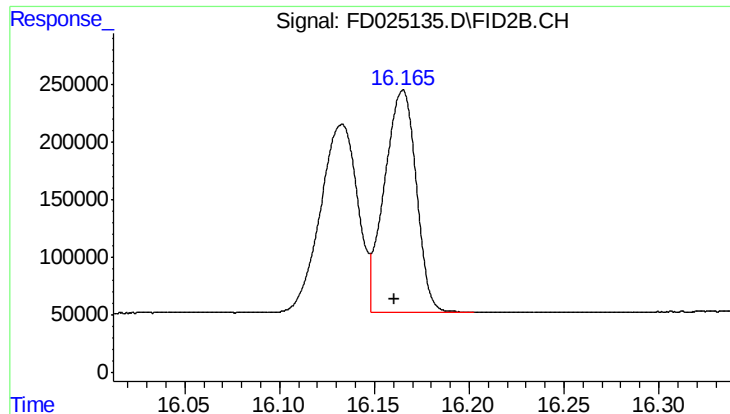
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: 0.004 min
Response: 2185135
Conc: 23.10 ug/ml



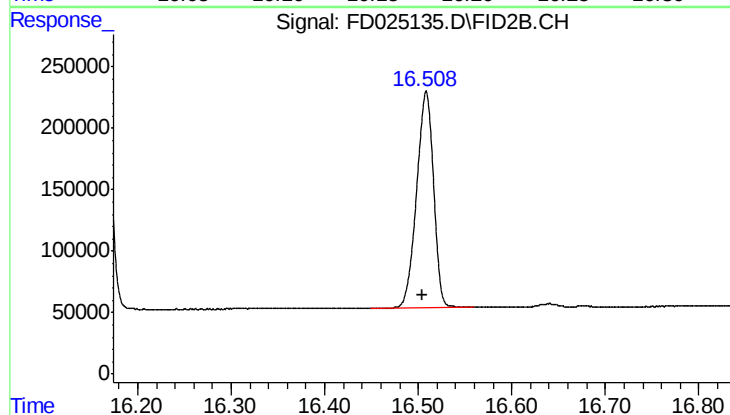
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.133 min
Delta R.T.: 0.005 min
Response: 2229325
Conc: 21.56 ug/ml



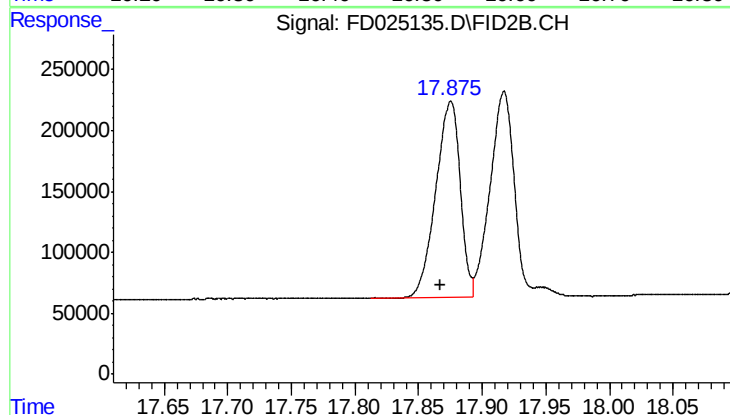
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min
Delta R.T.: 0.004 min
Response: 2239722
Conc: 21.22 ug/ml



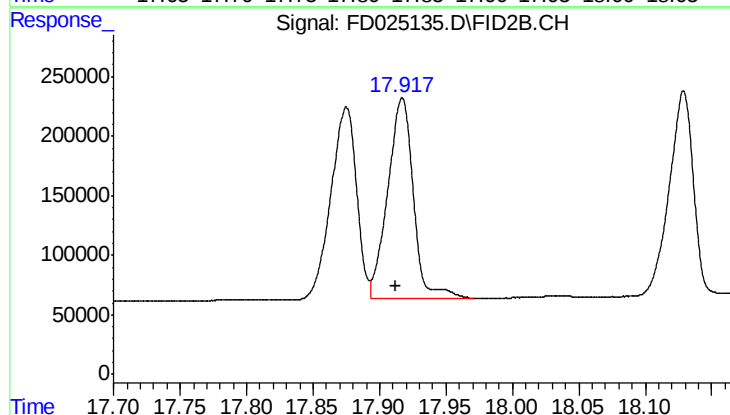
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.509 min
Delta R.T.: 0.004 min
Response: 2207891
Conc: 21.25 ug/ml



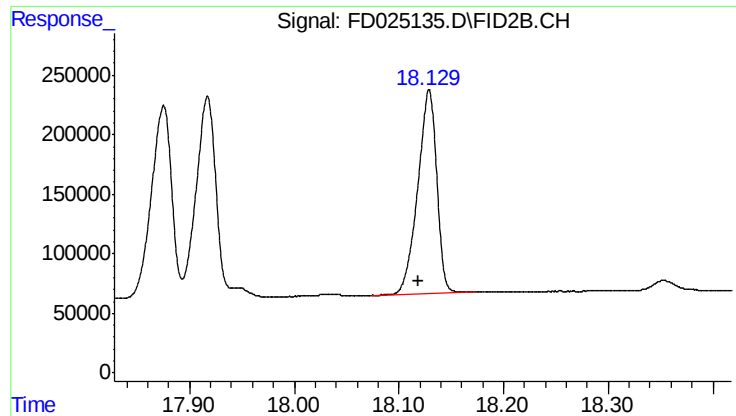
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min
Delta R.T.: 0.008 min
Response: 2155236
Conc: 20.22 ug/ml



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

R.T.: 17.917 min
Delta R.T.: 0.005 min
Response: 2266176
Conc: 21.67 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.010 min
Response: 2147905
Conc: 20.22 ug/ml