

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071218AR\
 Data File : FD024979.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jul 2018 15:49
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 01:44:10 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...	7.476	1725225	18.859 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
6) S 2-Fluorobiphenyl (SURR)	8.332	1137539	17.936 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.87%
11) S ortho-Terphenyl (SURR)	11.381	1825447	18.190 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	2059664	22.162 ug/ml
2) T Naphthalene (C11.7)	5.808	2059273	20.294 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	1959783	19.275 ug/ml
5) T Acenaphthylene (C15.06)	8.135	1799363	18.021 ug/ml
7) T Acenaphthene (C15.5)	8.430	1872668	17.927 ug/ml
8) T Fluorene (C16.55)	9.211	1845332	17.661 ug/ml
9) T Phenanthrene (C19.36)	10.606	1876642	18.252 ug/ml
10) T Anthracene (C19.43)	10.679	1855377	18.199 ug/ml
12) T Fluoranthene (C21.85)	12.416	2007894	20.137 ug/ml
13) T Pyrene (C20.8)	12.713	2023433	20.349 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.585	2039916	21.729 ug/ml
15) T Chrysene (C27.41)	14.627	2058315	21.758 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.134	2089080	20.202 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.166	2136929	20.251 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.511	2074330	19.961 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.875	2012647	18.882 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.917	2147425	20.532 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.128	2002006	18.848 ug/ml

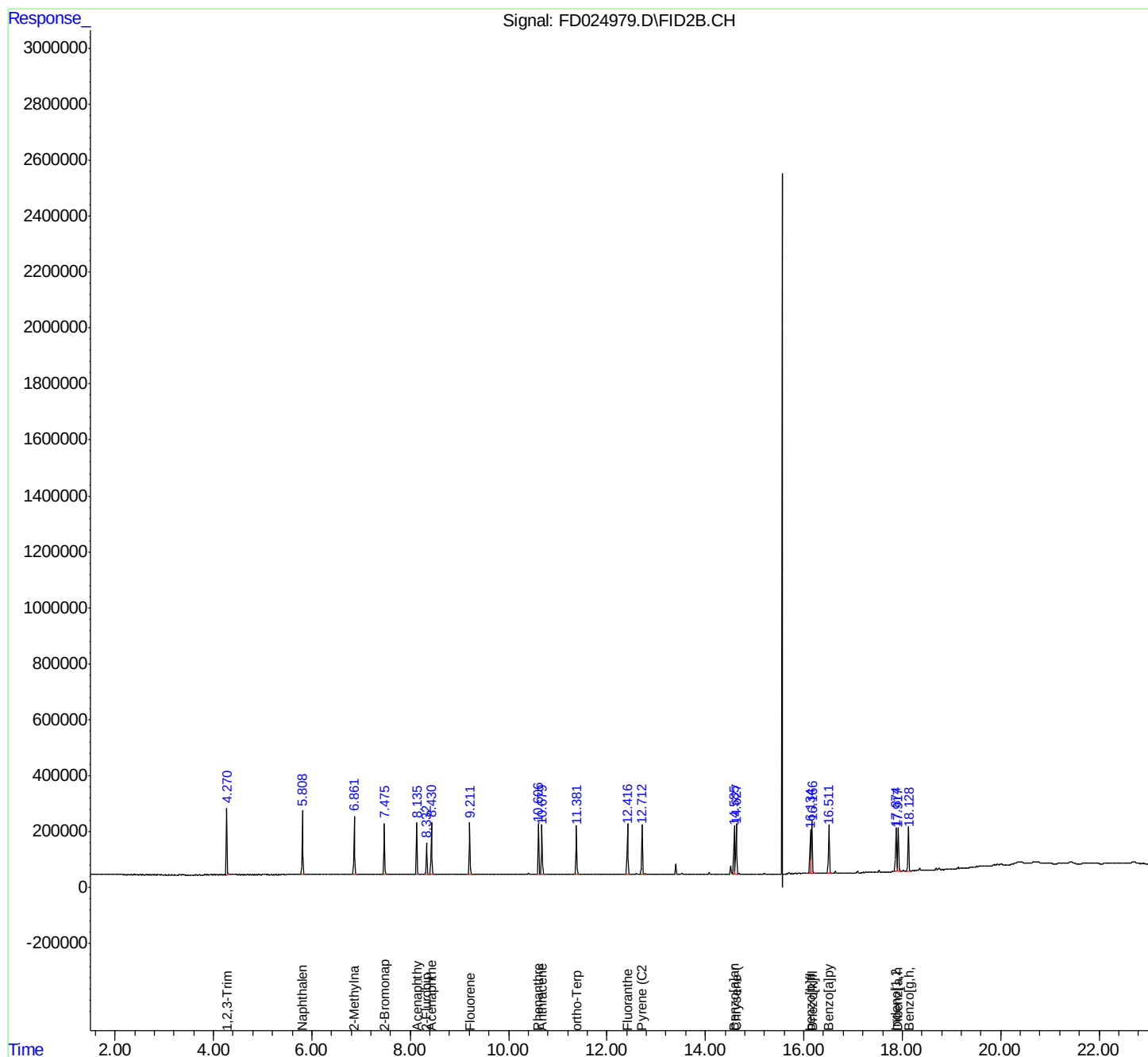
(f)=RT Delta > 1/2 Window

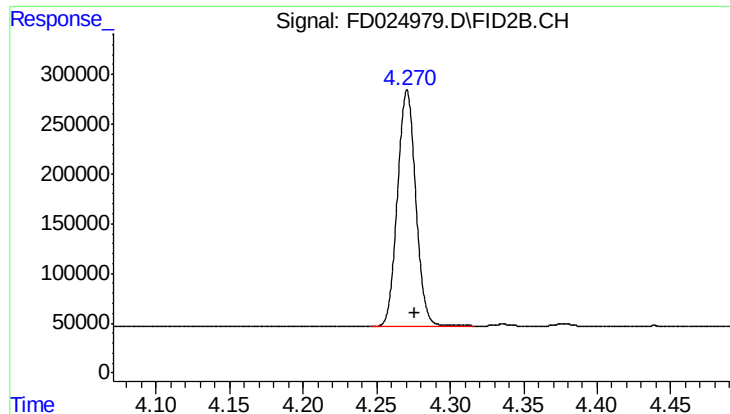
(m)=manual int.

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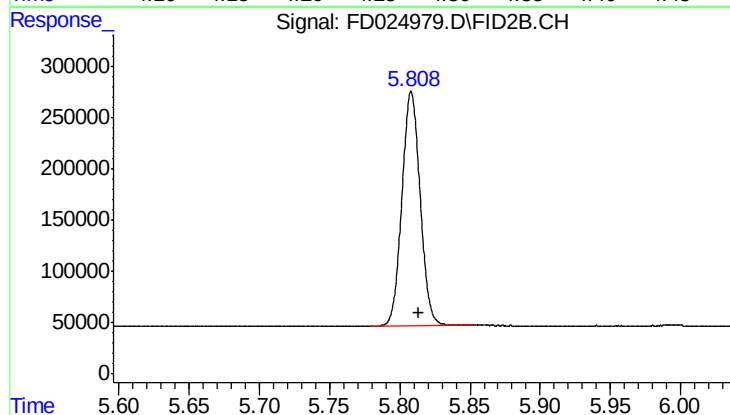
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





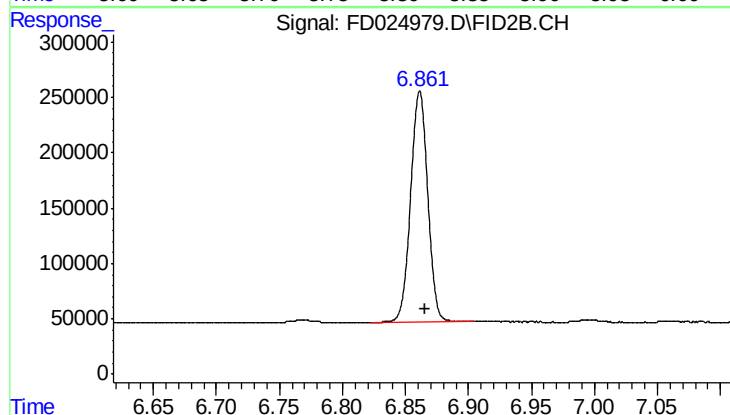
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.271 min
Delta R.T.: -0.006 min
Response: 2059664
Conc: 22.16 ug/ml



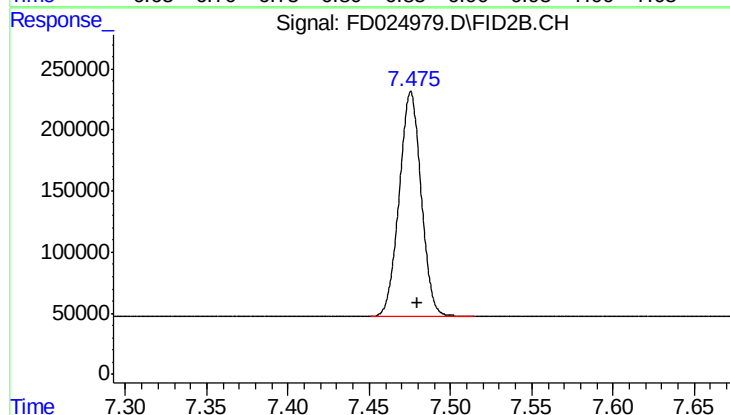
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.005 min
Response: 2059273
Conc: 20.29 ug/ml



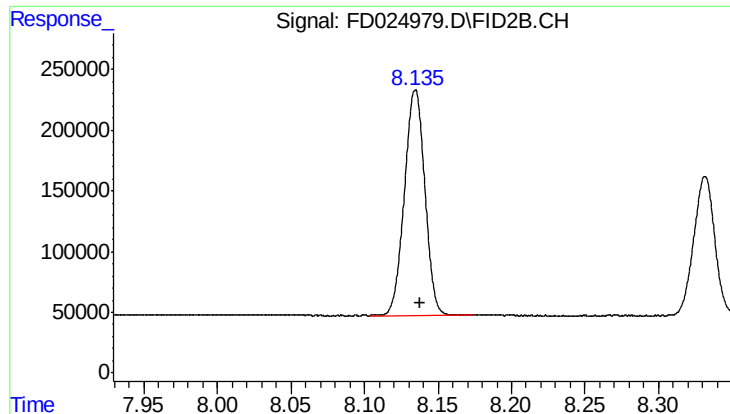
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 1959783
Conc: 19.28 ug/ml



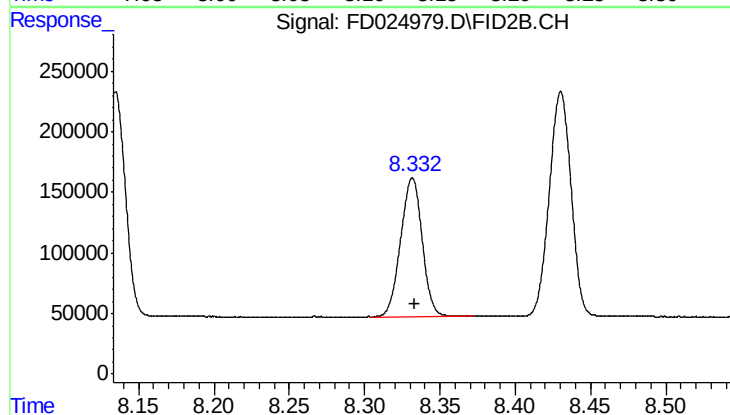
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.004 min
Response: 1725225
Conc: 18.86 ug/ml



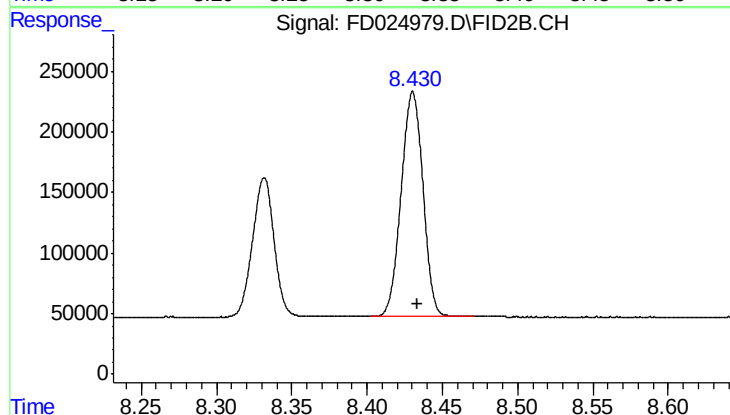
#5 Acenaphthylene (C15.06)

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 1799363
Conc: 18.02 ug/ml



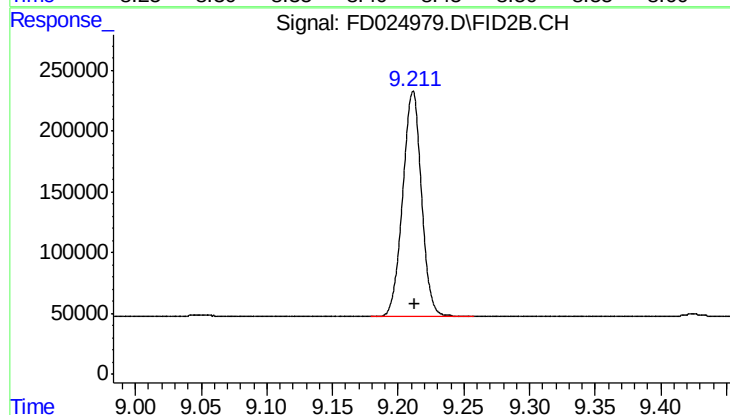
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 1137539
Conc: 17.94 ug/ml



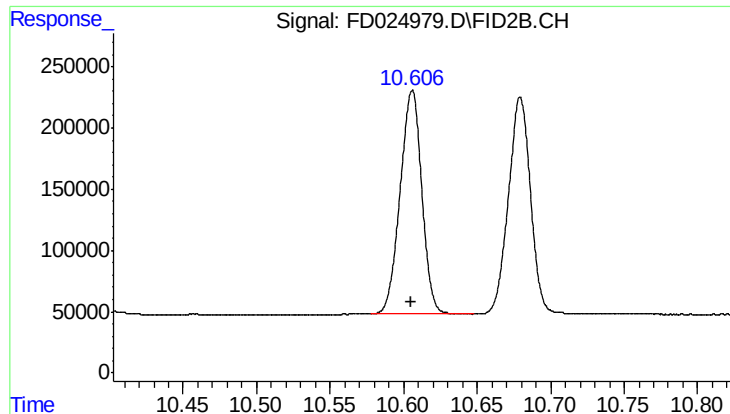
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: -0.003 min
Response: 1872668
Conc: 17.93 ug/ml



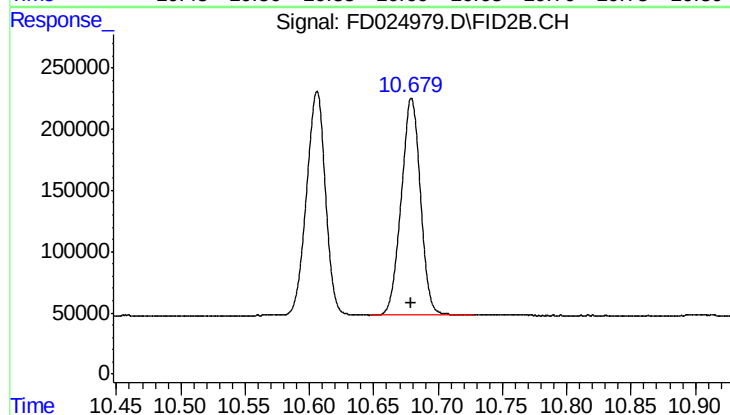
#8 Fluorene (C16.55)

R.T.: 9.211 min
Delta R.T.: -0.001 min
Response: 1845332
Conc: 17.66 ug/ml



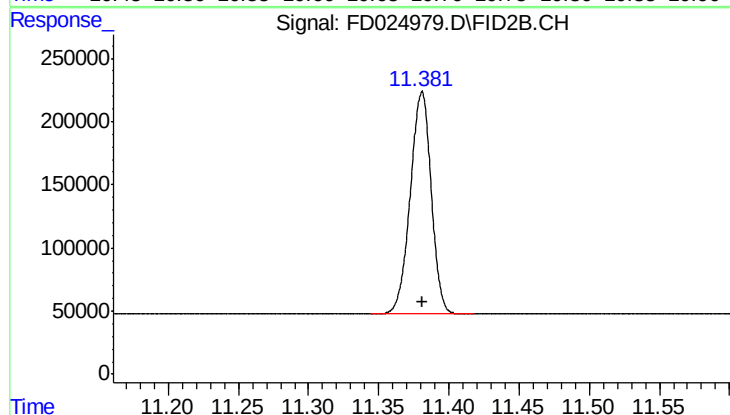
#9 Phenanthrene (C19.36)

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 1876642
Conc: 18.25 ug/ml



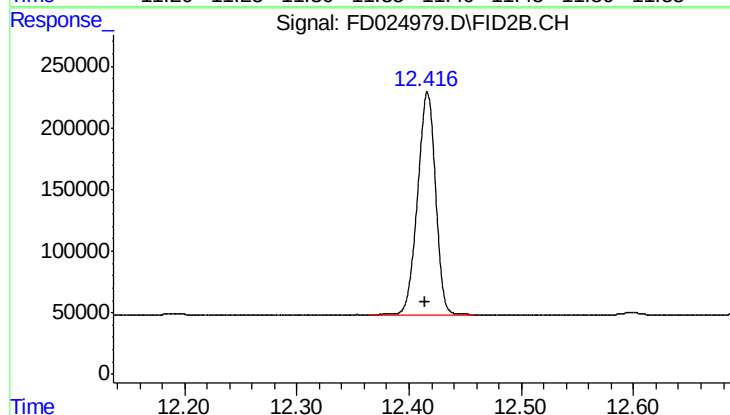
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: 0.000 min
Response: 1855377
Conc: 18.20 ug/ml



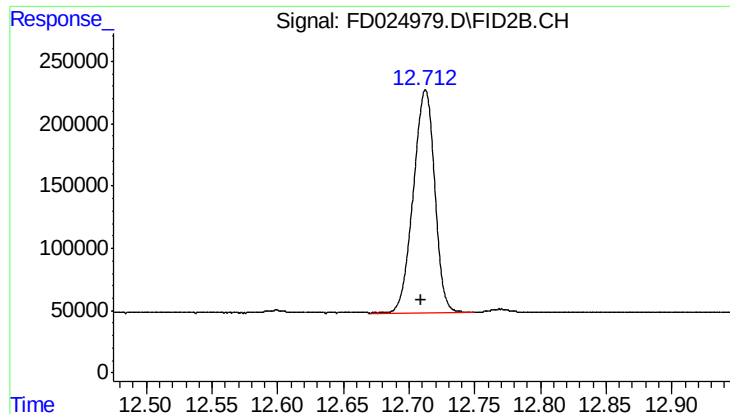
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 1825447
Conc: 18.19 ug/ml



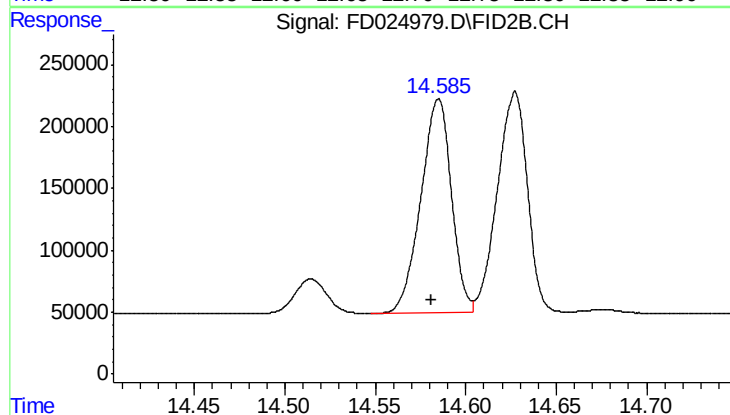
#12 Fluoranthene (C21.85)

R.T.: 12.416 min
Delta R.T.: 0.002 min
Response: 2007894
Conc: 20.14 ug/ml



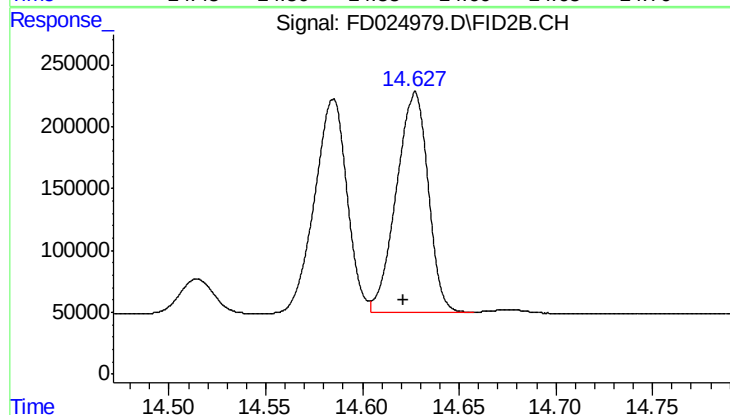
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.004 min
Response: 2023433
Conc: 20.35 ug/ml



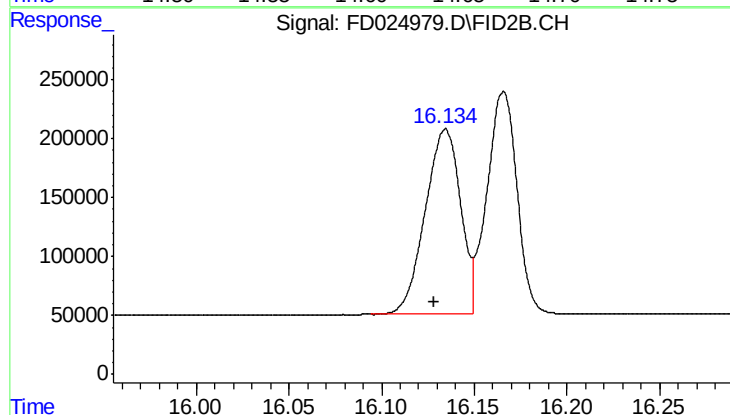
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: 0.004 min
Response: 2039916
Conc: 21.73 ug/ml



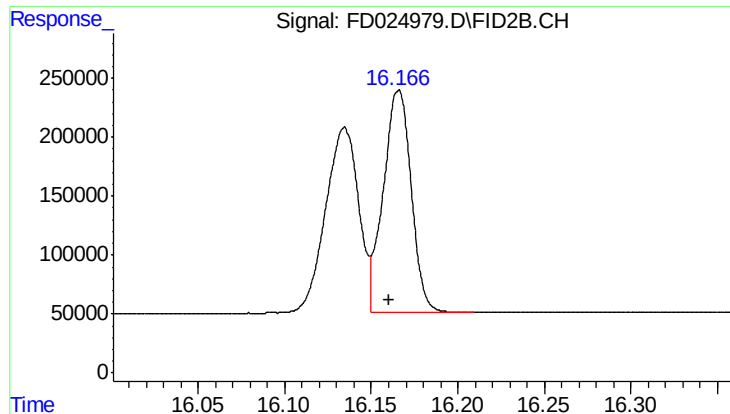
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: 0.006 min
Response: 2058315
Conc: 21.76 ug/ml



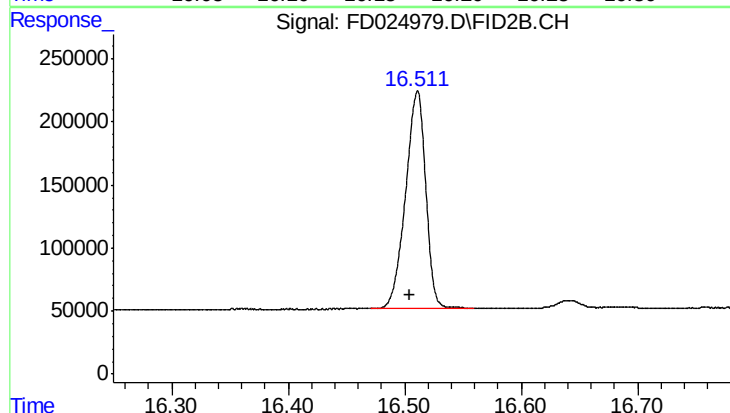
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 2089080
Conc: 20.20 ug/ml



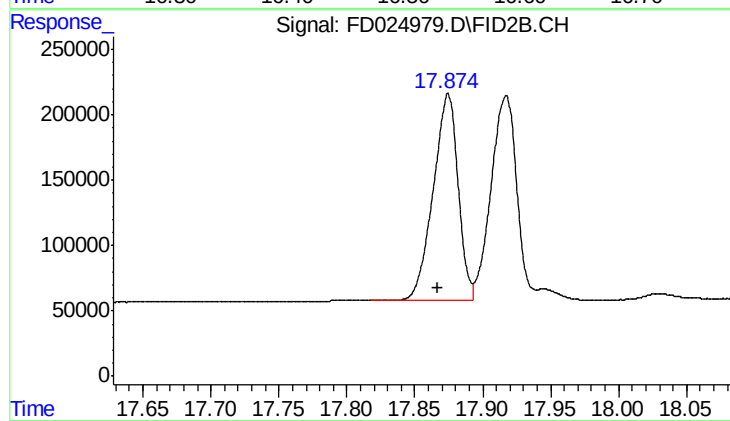
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 16.166 min
Delta R.T.: 0.005 min
Response: 2136929
Conc: 20.25 ug/ml



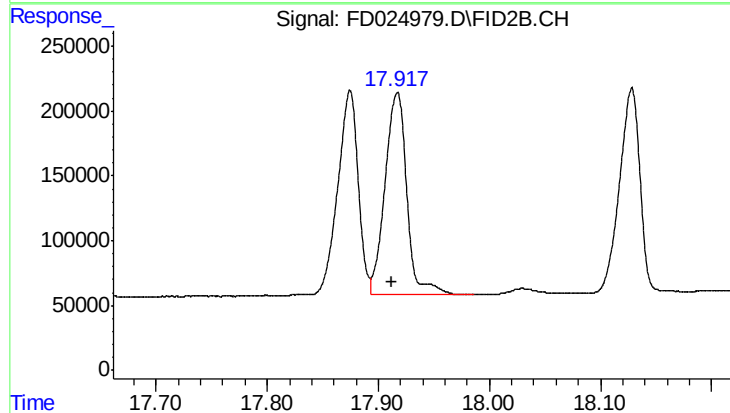
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min
Delta R.T.: 0.006 min
Response: 2074330
Conc: 19.96 ug/ml



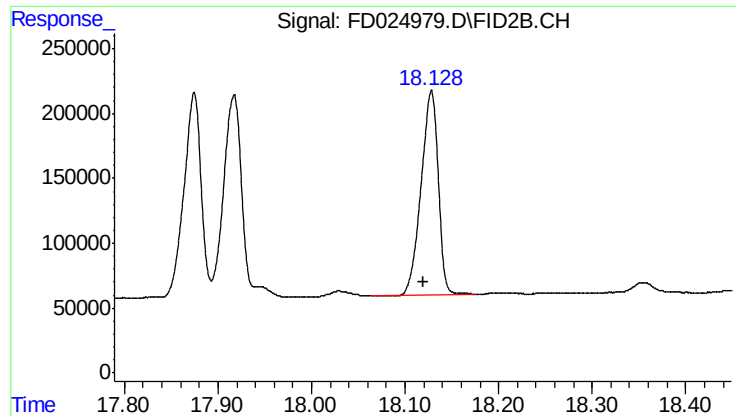
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min
Delta R.T.: 0.008 min
Response: 2012647
Conc: 18.88 ug/ml



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

R.T.: 17.917 min
Delta R.T.: 0.005 min
Response: 2147425
Conc: 20.53 ug/ml



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

R.T.: 18.128 min
Delta R.T.: 0.009 min
Response: 2002006
Conc: 18.85 ug/ml