

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071018AR\
 Data File : FD024908.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jul 2018 13:18
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 11 01:34:24 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	2060031	22.519 ug/ml
Spiked Amount 50.000		Recovery =	45.04%
6) S 2-Fluorobiphenyl (SURR)	8.332	1338891	21.111 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.22%
11) S ortho-Terphenyl (SURR)	11.380	1946029	19.391 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	2098005	22.574 ug/ml
2) T Naphthalene (C11.7)	5.808	2335449	23.016 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	2305438	22.675 ug/ml
5) T Acenaphthylene (C15.06)	8.135	2142097	21.453 ug/ml
7) T Acenaphthene (C15.5)	8.431	2224689	21.297 ug/ml
8) T Fluorene (C16.55)	9.212	2120934	20.299 ug/ml
9) T Phenanthrene (C19.36)	10.605	1941903	18.887 ug/ml
10) T Anthracene (C19.43)	10.679	1913704	18.771 ug/ml
12) T Fluoranthene (C21.85)	12.416	1901224	19.067 ug/ml
13) T Pyrene (C20.8)	12.711	1910252	19.210 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.584	1913287	20.380 ug/ml
15) T Chrysene (C27.41)	14.625	1922562	20.323 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.134	1994683	19.289 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.165	2001375	18.966 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.510	1989819	19.148 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.874	1968853	18.472 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.916	1990606	19.033 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.128	1973775	18.583 ug/ml

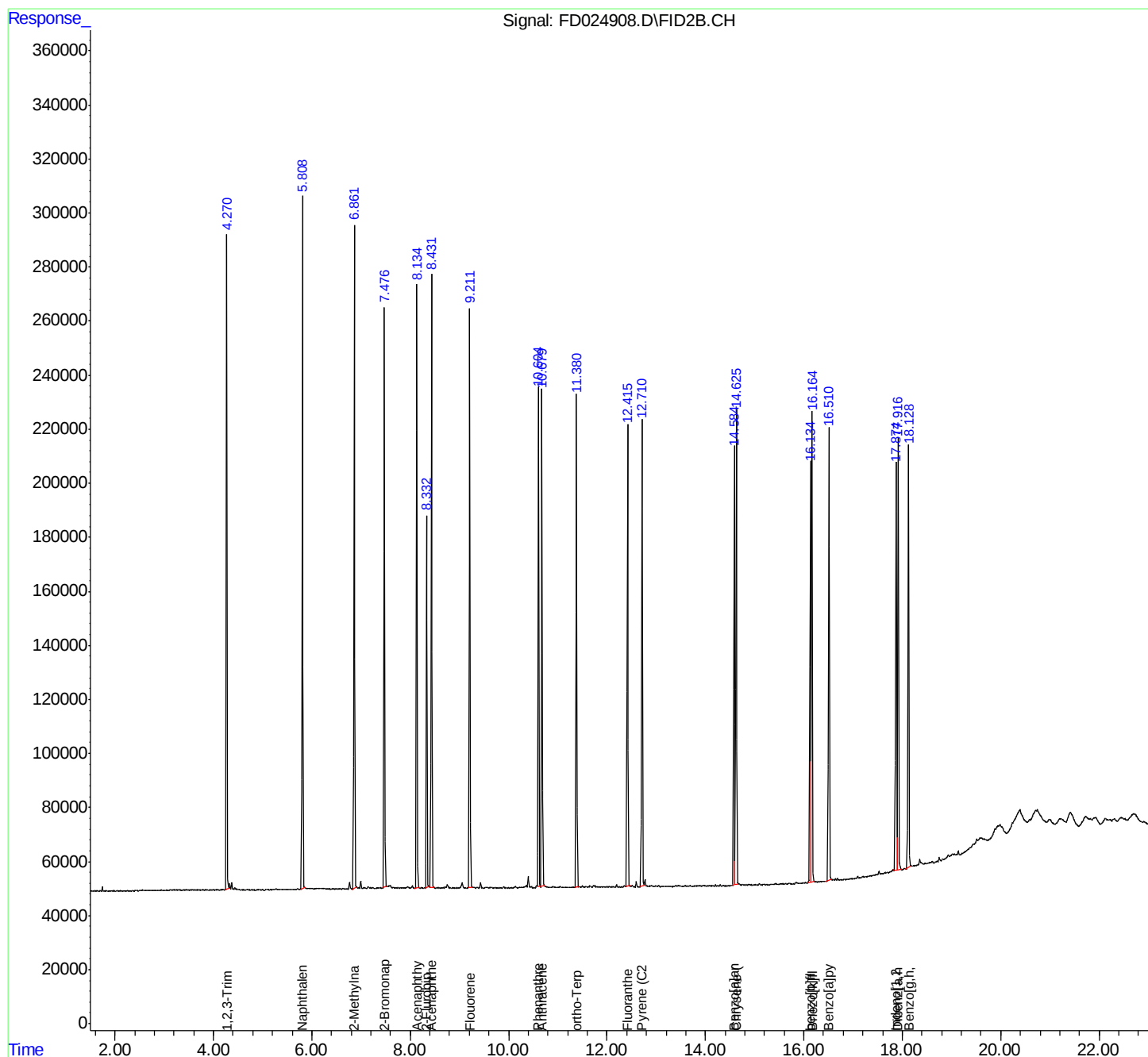
(f)=RT Delta > 1/2 Window

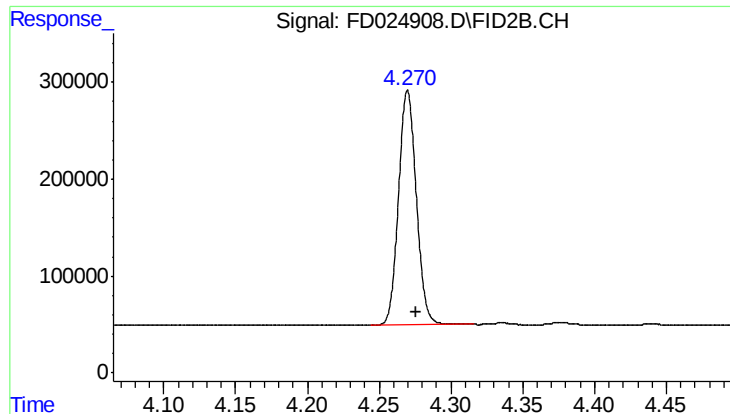
(m)=manual int.

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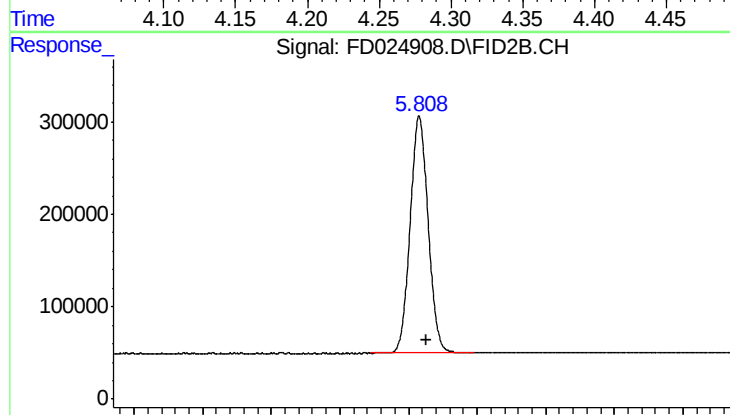
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Signal Phase : Rxi-1ms
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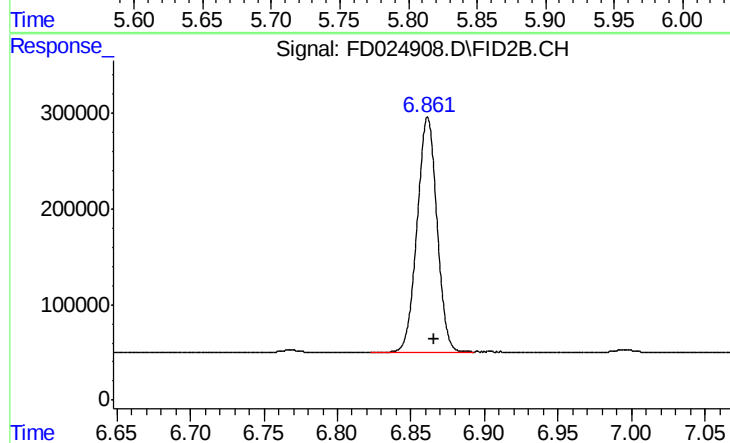
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: -0.006 min
Response: 2098005
Conc: 22.57 ug/ml



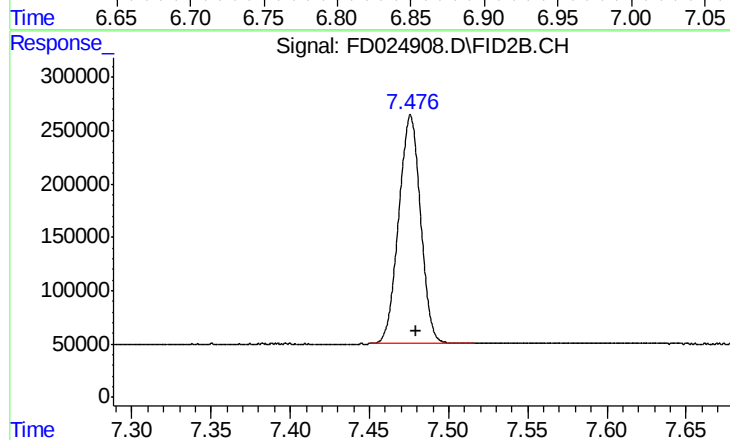
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.005 min
Response: 2335449
Conc: 23.02 ug/ml



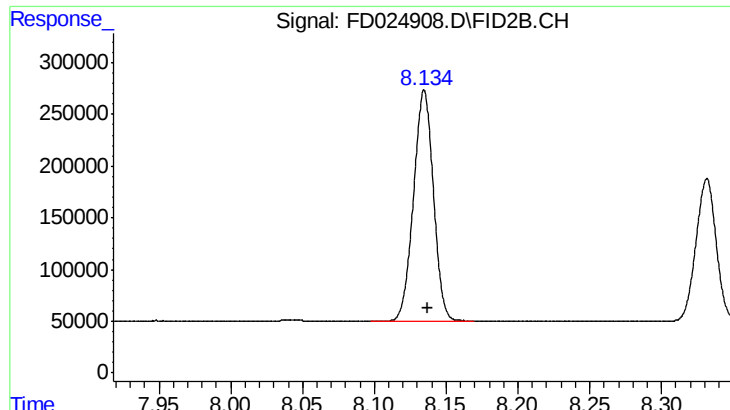
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 2305438
Conc: 22.68 ug/ml



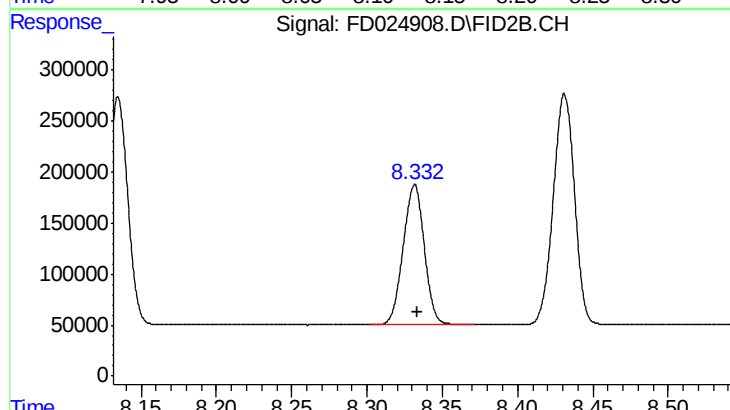
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.003 min
Response: 2060031
Conc: 22.52 ug/ml



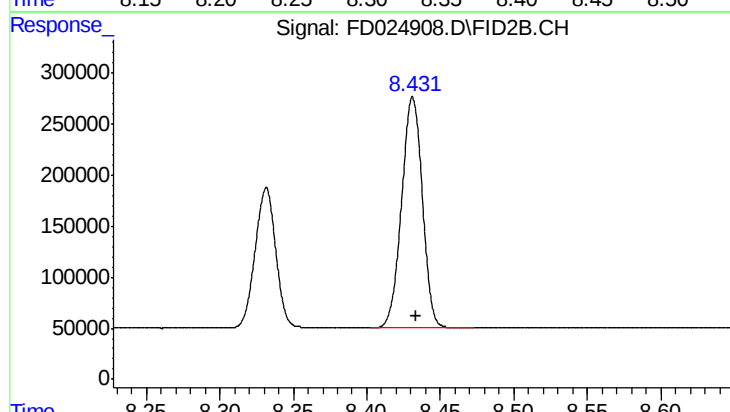
#5 Acenaphthylene (C15.06)

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 2142097
Conc: 21.45 ug/ml



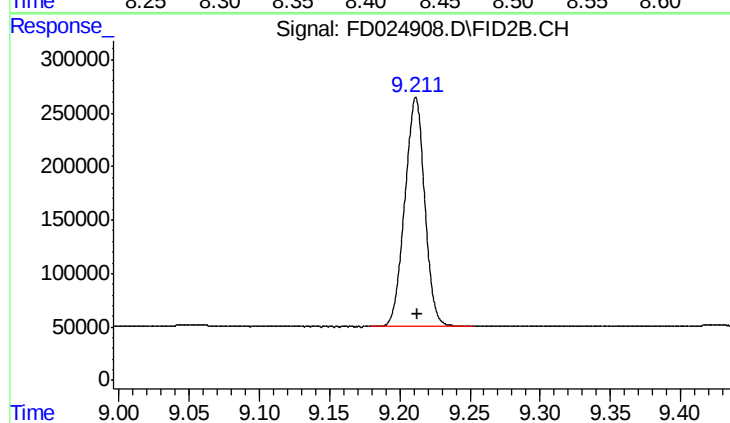
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 1338891
Conc: 21.11 ug/ml



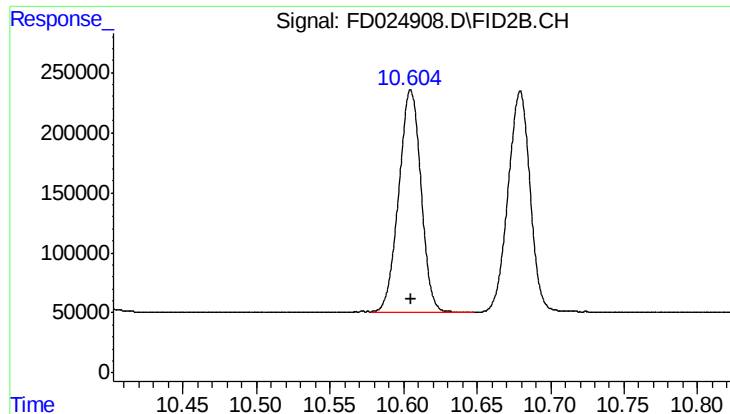
#7 Acenaphthene (C15.5)

R.T.: 8.431 min
Delta R.T.: -0.002 min
Response: 2224689
Conc: 21.30 ug/ml



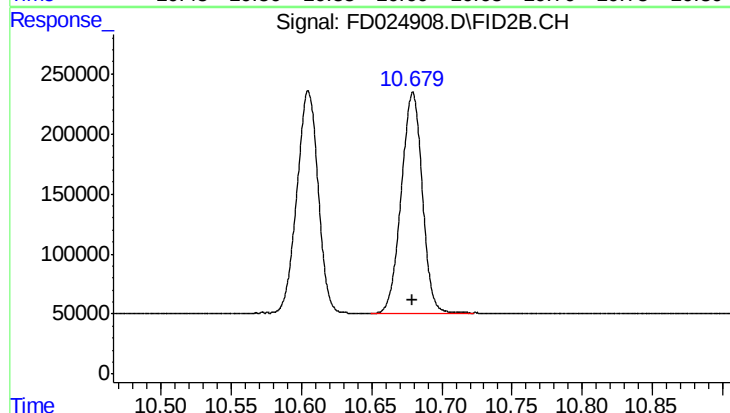
#8 Fluorene (C16.55)

R.T.: 9.212 min
Delta R.T.: -0.001 min
Response: 2120934
Conc: 20.30 ug/ml



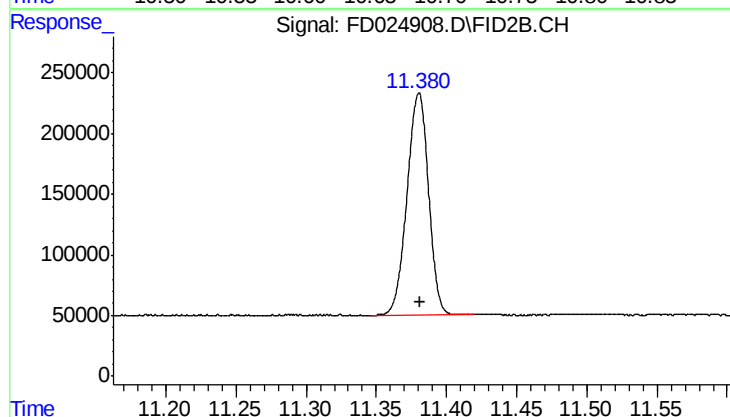
#9 Phenanthrene (C19.36)

R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 1941903
Conc: 18.89 ug/ml



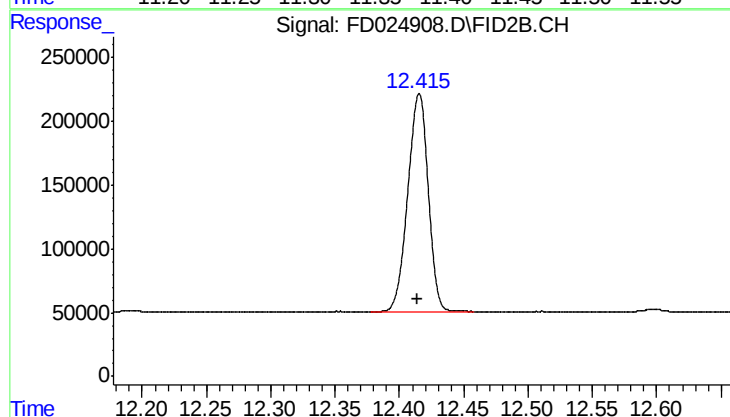
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: 0.000 min
Response: 1913704
Conc: 18.77 ug/ml



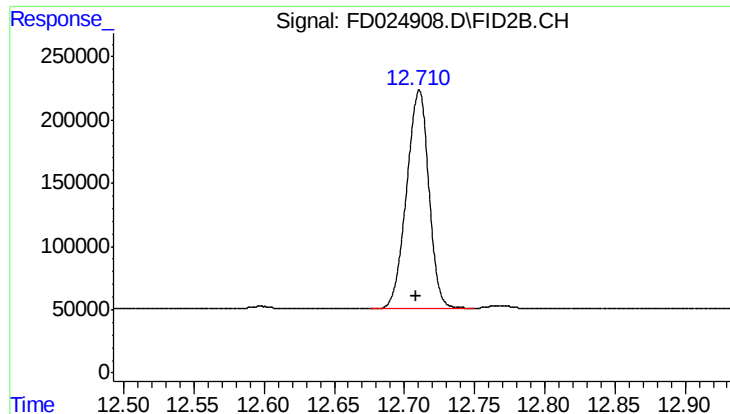
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.001 min
Response: 1946029
Conc: 19.39 ug/ml



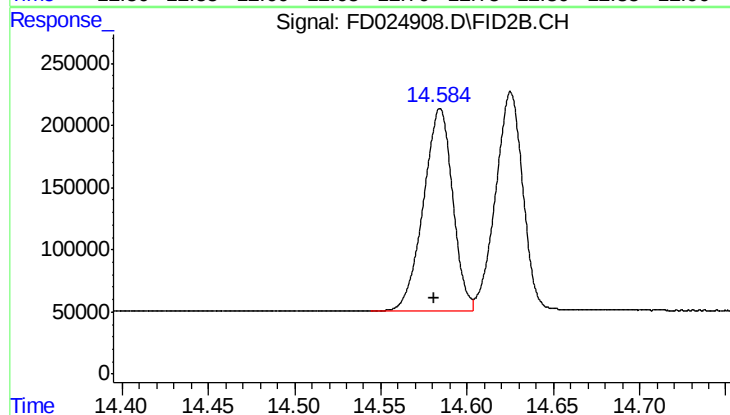
#12 Fluoranthene (C21.85)

R.T.: 12.416 min
Delta R.T.: 0.001 min
Response: 1901224
Conc: 19.07 ug/ml



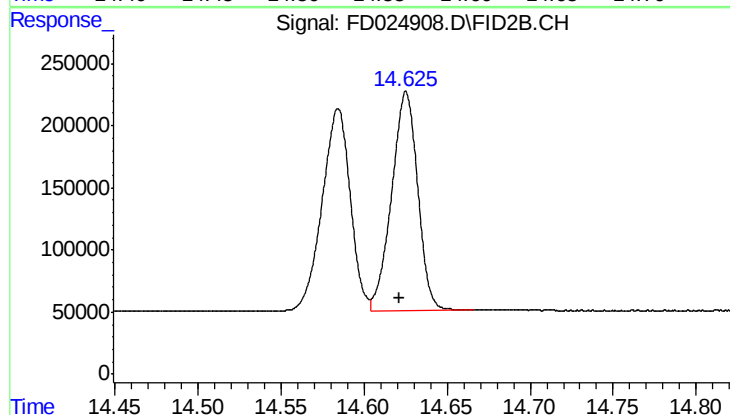
#13 Pyrene (C20.8)

R.T.: 12.711 min
Delta R.T.: 0.002 min
Response: 1910252
Conc: 19.21 ug/ml



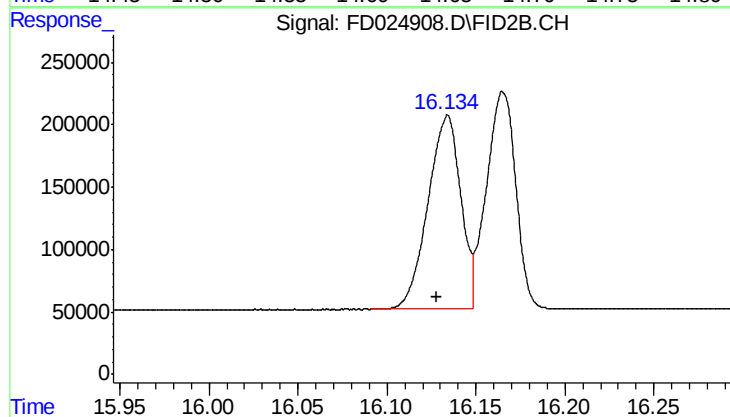
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: 0.004 min
Response: 1913287
Conc: 20.38 ug/ml



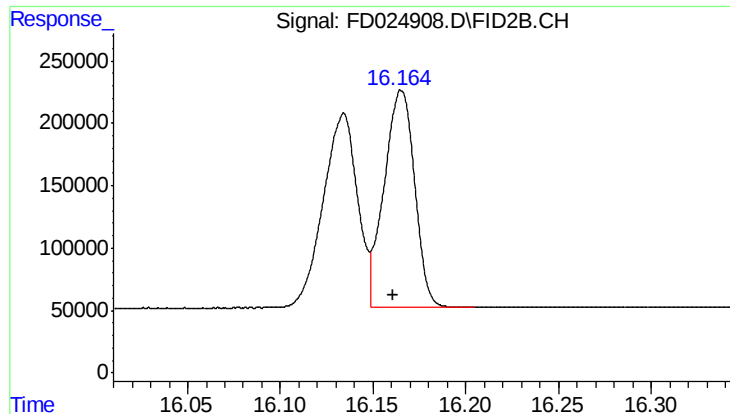
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: 0.004 min
Response: 1922562
Conc: 20.32 ug/ml



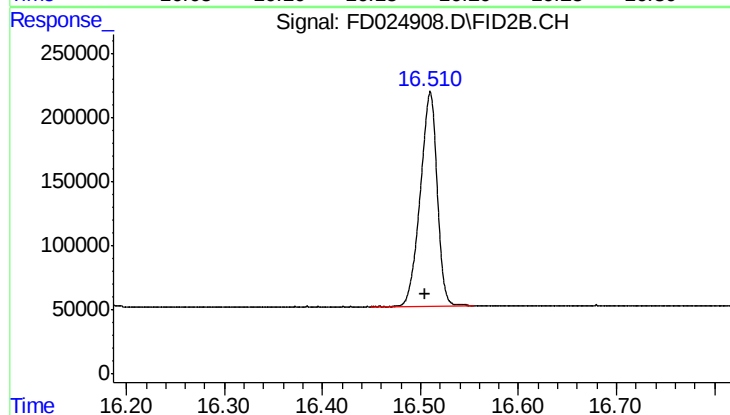
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 1994683
Conc: 19.29 ug/ml



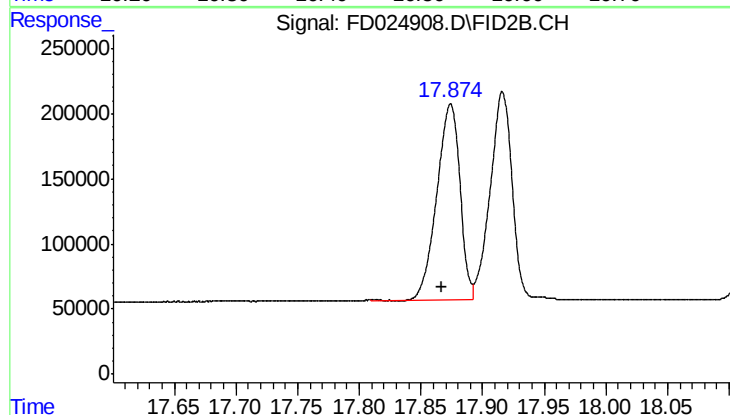
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min
Delta R.T.: 0.005 min
Response: 2001375
Conc: 18.97 ug/ml



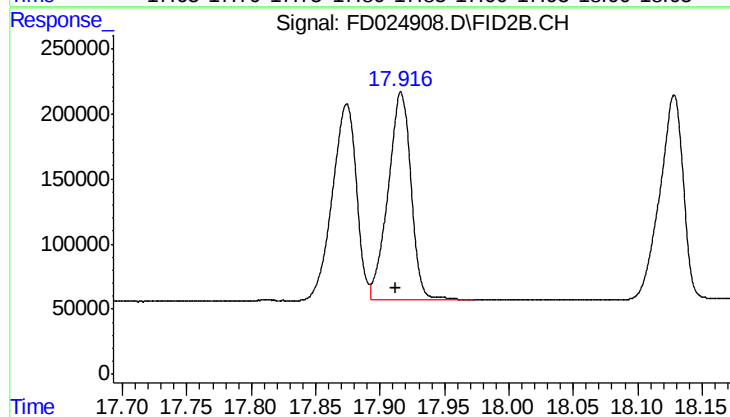
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.510 min
Delta R.T.: 0.005 min
Response: 1989819
Conc: 19.15 ug/ml



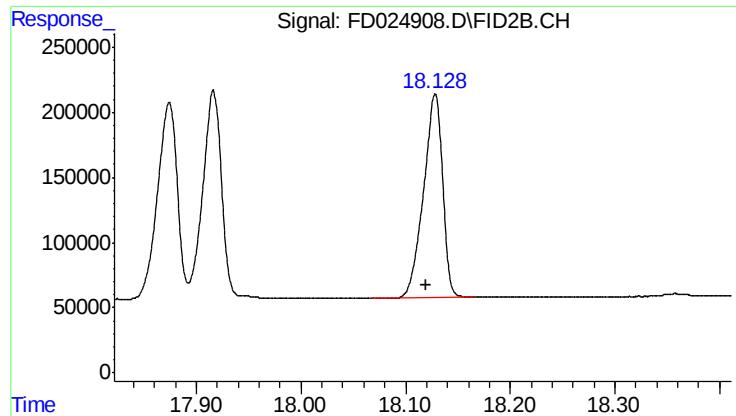
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min
Delta R.T.: 0.007 min
Response: 1968853
Conc: 18.47 ug/ml



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

R.T.: 17.916 min
Delta R.T.: 0.004 min
Response: 1990606
Conc: 19.03 ug/ml



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

R.T.: 18.128 min
Delta R.T.: 0.009 min
Response: 1973775
Conc: 18.58 ug/ml