

Data Path : P:\HPCHEM1\FID_D\Data\FD032118AR\
 Data File : FD022605.D
 Signal(s) : FID2B.CH
 Acq On : 21 Mar 2018 13:48
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 03:18:39 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.322	1722093	19.908 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
6) S 2-Fluorobiphenyl (SURR)	8.183	1087710	20.591 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.18%
11) S ortho-Terphenyl (SURR)	11.202	2108008	19.832 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.131	1803218	18.514 ug/ml
2) T Naphthalene (C11.7)	5.662	1833890	19.748 ug/ml
3) T 2-Methylnaphthalene (...)	6.711	1827229	19.878 ug/ml
5) T Acenaphthylene (C15.06)	7.976	2019723	20.028 ug/ml
7) T Acenaphthene (C15.5)	8.268	2170053	19.747 ug/ml
8) T Flouorene (C16.55)	9.051	2042783	20.283 ug/ml
9) T Phenanthrene (C19.36)	10.443	2099126	19.946 ug/ml
10) T Anthracene (C19.43)	10.520	2137120	19.917 ug/ml
12) T Fluoranthene (C21.85)	12.254	2230824	19.681 ug/ml
13) T Pyrene (C20.8)	12.547	2216479	19.751 ug/ml
14) T Benzo[a]anthracene (C...	14.427	2038681	19.741 ug/ml
15) T Chrysene (C27.41)	14.468	2276411	19.606 ug/ml
16) T benzo[b]fluoranthene ...	15.984	2052596	19.755 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	2368927	19.544 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	2095281	19.677 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	2421938	36.169 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2421938	19.929 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	1611570	19.543 ug/ml

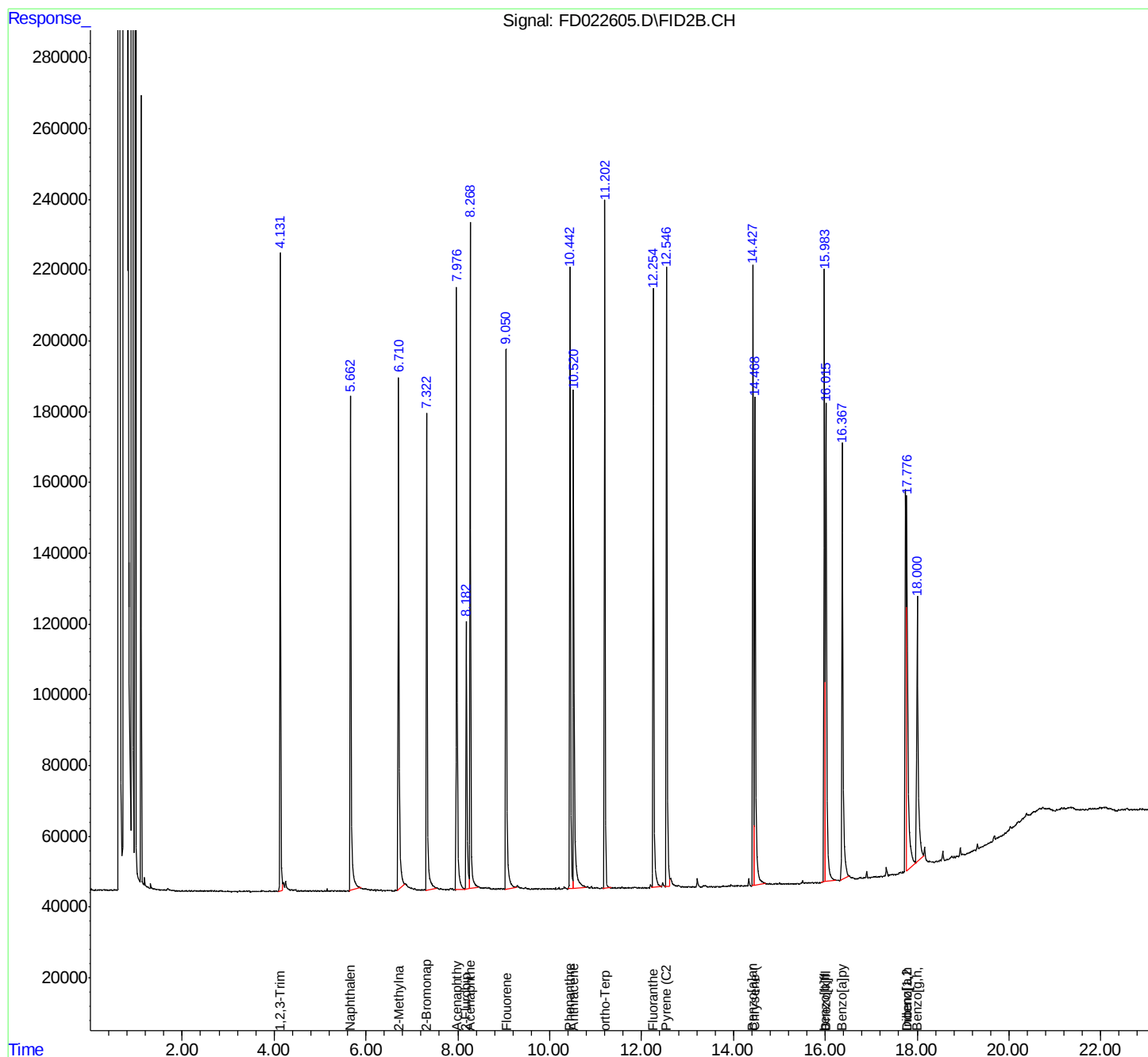
(f)=RT Delta > 1/2 Window

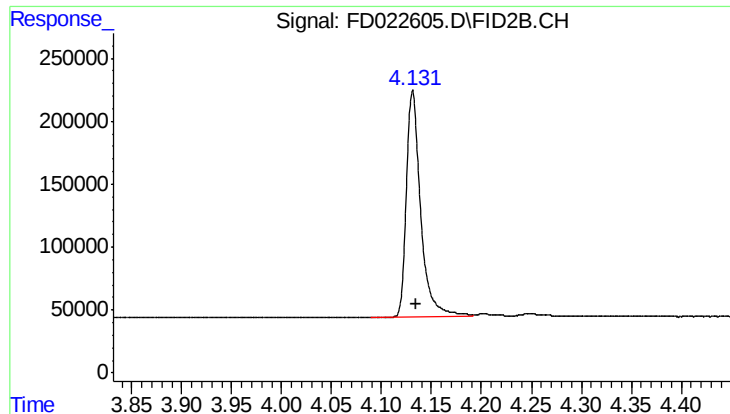
(m)=manual int.

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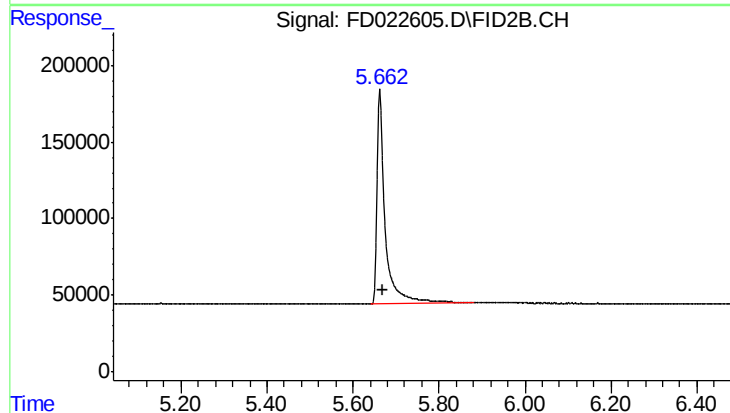
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





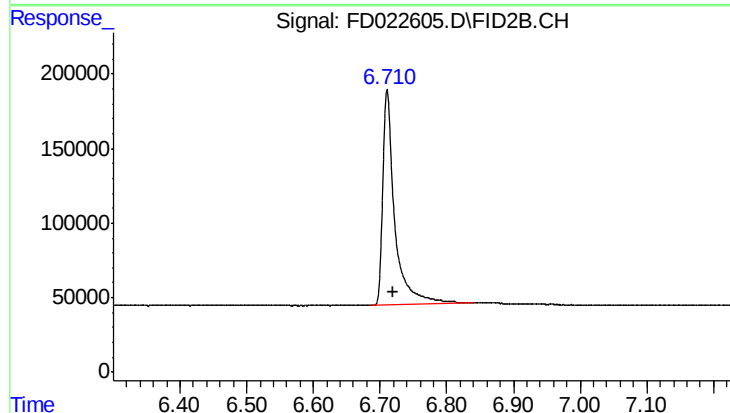
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 1803218
Conc: 18.51 ug/ml



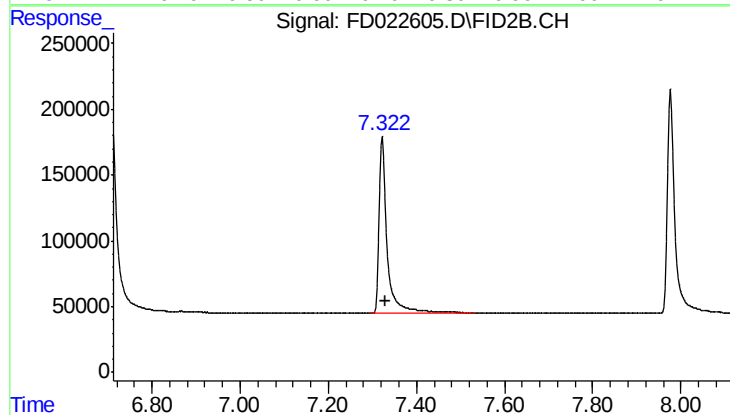
#2 Naphthalene (C11.7)

R.T.: 5.662 min
Delta R.T.: -0.008 min
Response: 1833890
Conc: 19.75 ug/ml



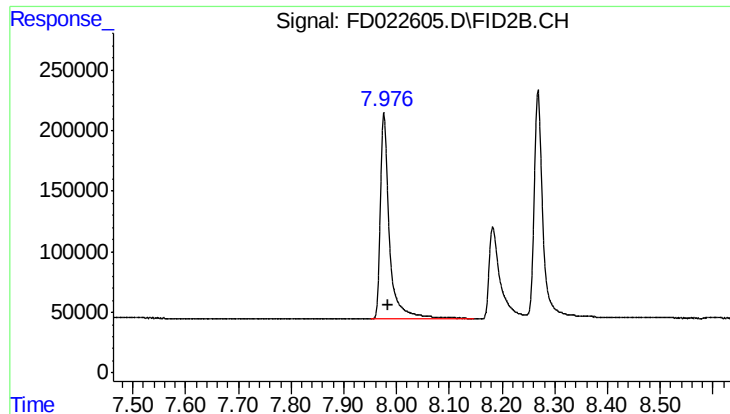
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.711 min
Delta R.T.: -0.009 min
Response: 1827229
Conc: 19.88 ug/ml



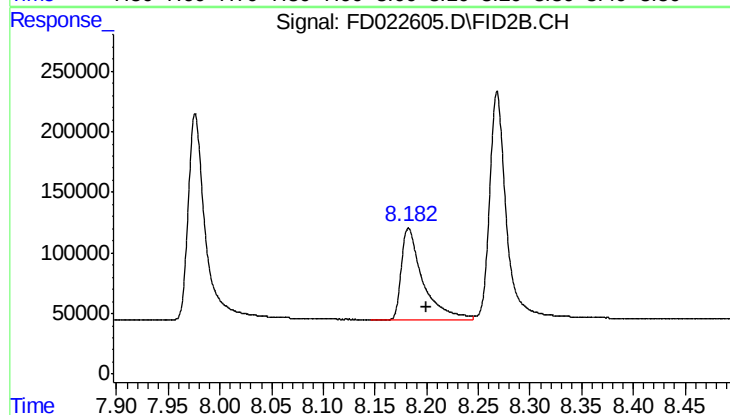
#4 2-Bromonaphthalene (SURR)

R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 1722093
Conc: 19.91 ug/ml



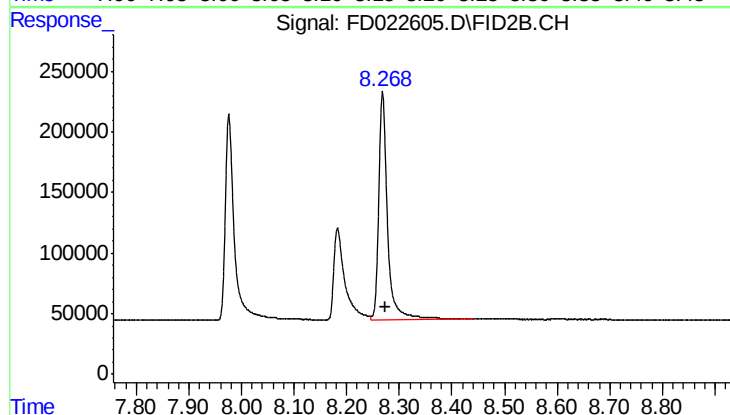
#5 Acenaphthylene (C15.06)

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 2019723
Conc: 20.03 ug/ml



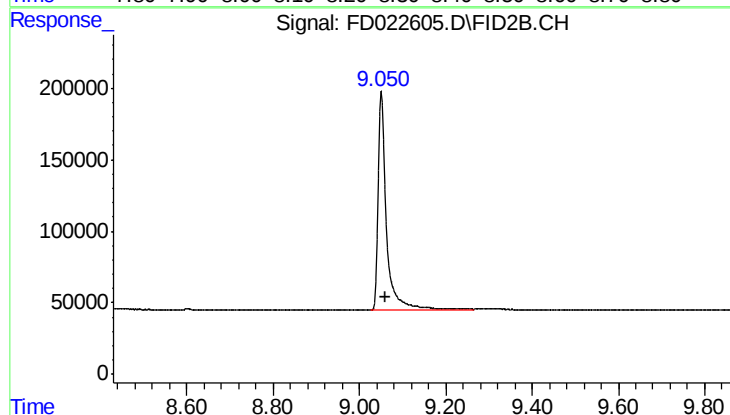
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.183 min
Delta R.T.: -0.017 min
Response: 1087710
Conc: 20.59 ug/ml



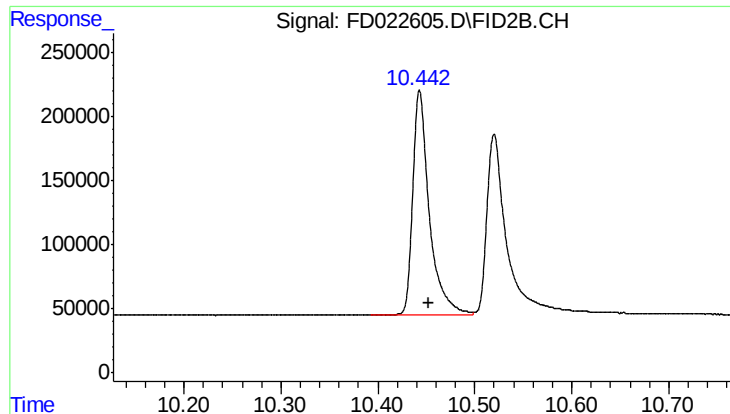
#7 Acenaphthene (C15.5)

R.T.: 8.268 min
Delta R.T.: -0.004 min
Response: 2170053
Conc: 19.75 ug/ml



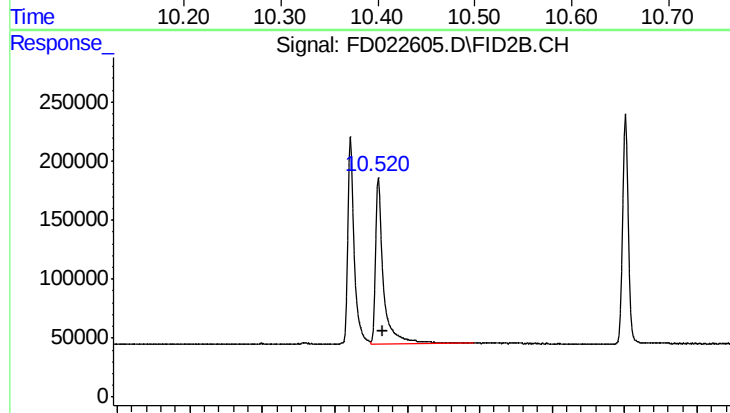
#8 Fluorene (C16.55)

R.T.: 9.051 min
Delta R.T.: -0.009 min
Response: 2042783
Conc: 20.28 ug/ml



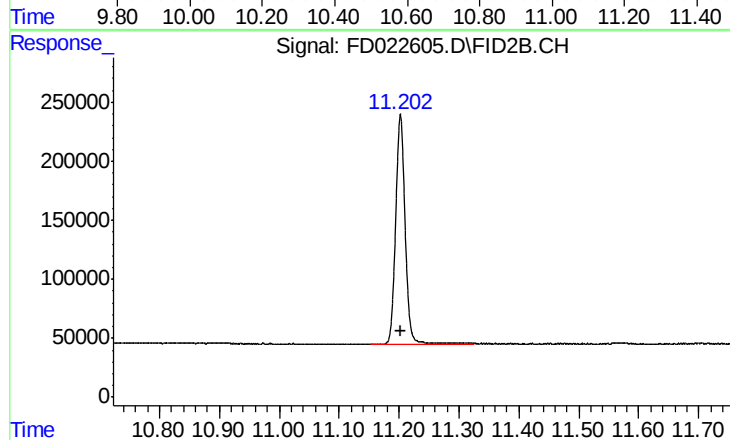
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.009 min
Response: 2099126
Conc: 19.95 ug/ml



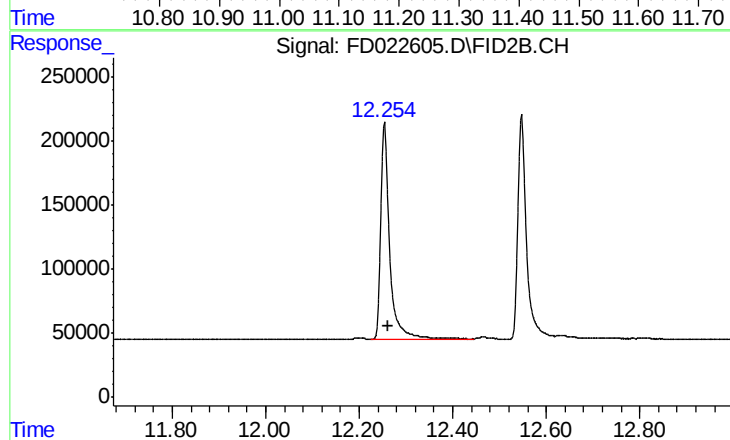
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.012 min
Response: 2137120
Conc: 19.92 ug/ml



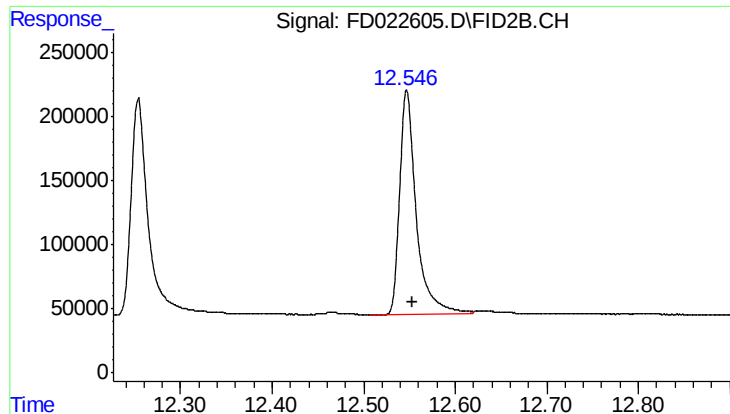
#11 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: -0.001 min
Response: 2108008
Conc: 19.83 ug/ml



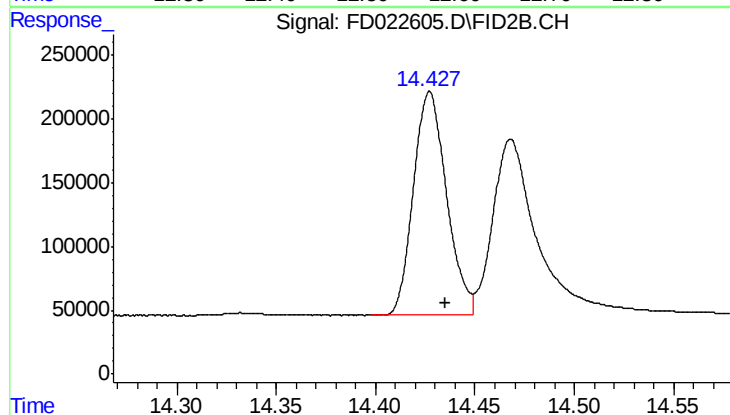
#12 Fluoranthene (C21.85)

R.T.: 12.254 min
Delta R.T.: -0.007 min
Response: 2230824
Conc: 19.68 ug/ml



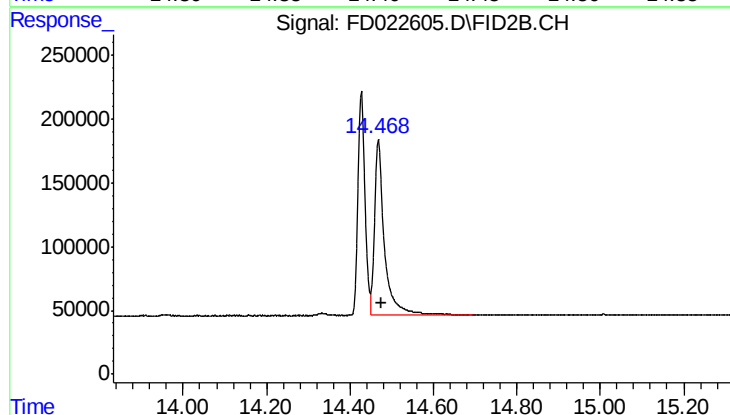
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: -0.006 min
Response: 2216479
Conc: 19.75 ug/ml



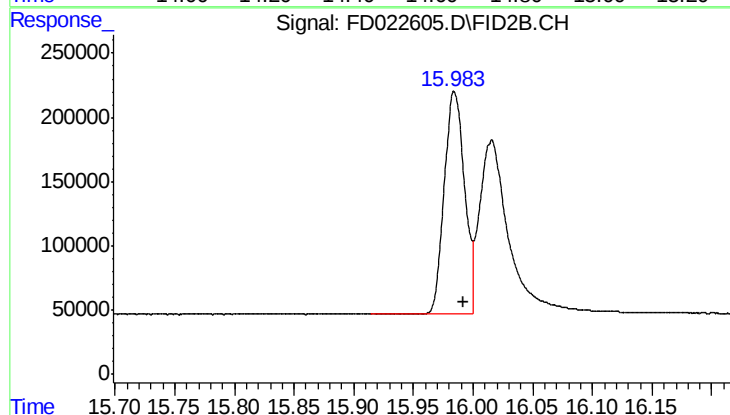
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.008 min
Response: 2038681
Conc: 19.74 ug/ml



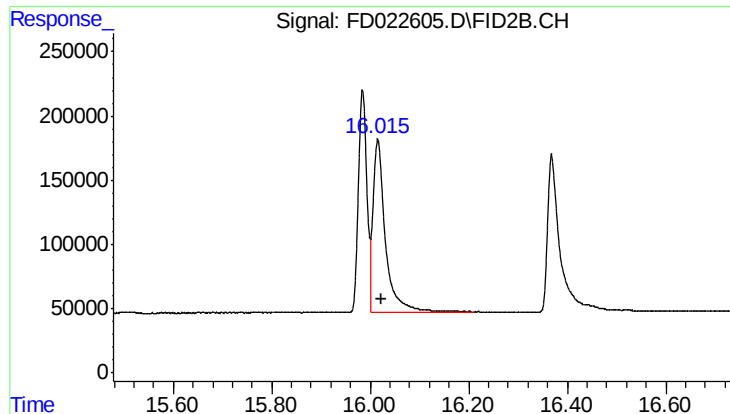
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: -0.009 min
Response: 2276411
Conc: 19.61 ug/ml



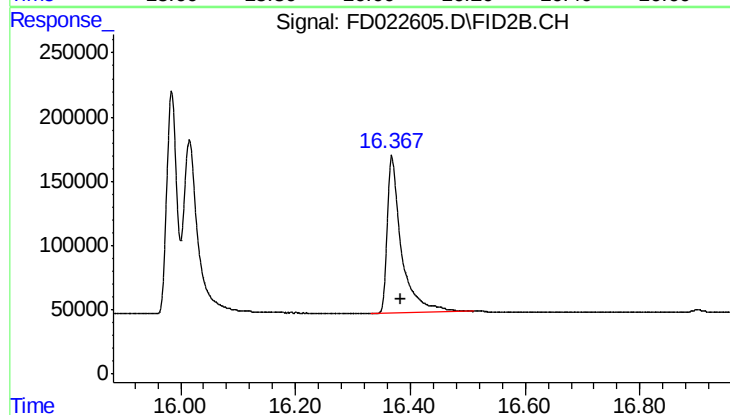
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.984 min
Delta R.T.: -0.008 min
Response: 2052596
Conc: 19.75 ug/ml



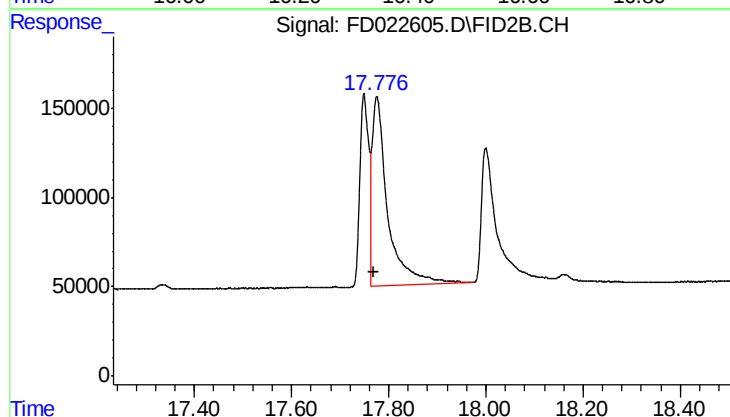
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.015 min
Delta R.T.: -0.008 min
Response: 2368927
Conc: 19.54 ug/ml



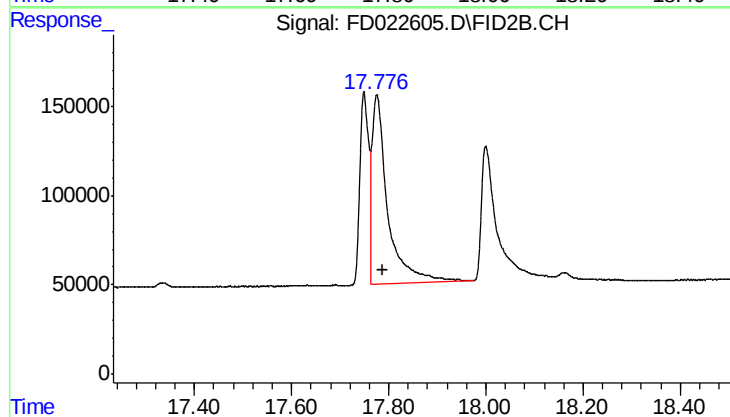
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.015 min
Response: 2095281
Conc: 19.68 ug/ml



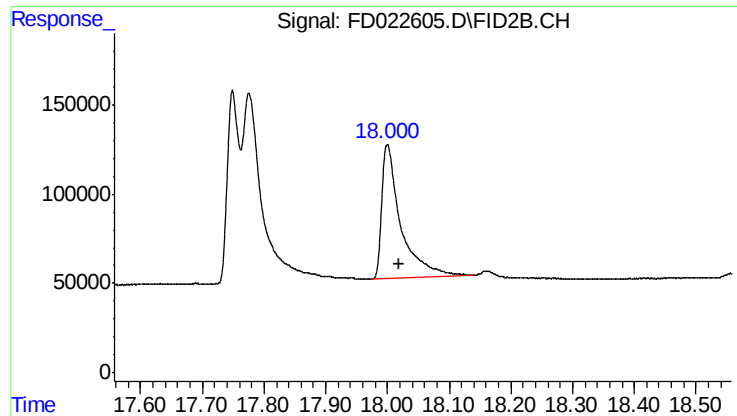
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: 0.007 min
Response: 2421938
Conc: 36.17 ug/ml



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

R.T.: 17.776 min
Delta R.T.: -0.014 min
Response: 2421938
Conc: 19.93 ug/ml



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

R.T.: 18.000 min
Delta R.T.: -0.019 min
Response: 1611570
Conc: 19.54 ug/ml