

Data Path : P:\HPCHEM1\FID D\Data\FD022318AR\
 Data File : FD020143.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2018 18:28
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 22:43:58 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.347	1689668	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
6) S 2-Fluorobiphenyl (SURR)	8.208	1007962	19.937 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.87%
11) S ortho-Terphenyl (SURR)	11.227	1890738	19.923 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	1739384	19.697 ug/ml
2) T Naphthalene (C11.7)	5.686	1819382	20.339 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	1794283	19.756 ug/ml
5) T Acenaphthylene (C15.06)	8.001	1902405	19.864 ug/ml
7) T Acenaphthene (C15.5)	8.294	2062546	20.134 ug/ml
8) T Fluorene (C16.55)	9.077	1870499	19.949 ug/ml
9) T Phenanthrene (C19.36)	10.469	1872090	20.093 ug/ml
10) T Anthracene (C19.43)	10.547	1881546	19.842 ug/ml
12) T Fluoranthene (C21.85)	12.278	2019164	20.130 ug/ml
13) T Pyrene (C20.8)	12.571	2003407	19.719 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.448	1898194	19.685 ug/ml
15) T Chrysene (C27.41)	14.490	2145563	19.879 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.002	1988086	19.776 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.033	2242961	19.766 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.385	1927902	18.345 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.758	1783042	18.715 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.790	2321777	20.432 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.008	1985924	19.121 ug/ml

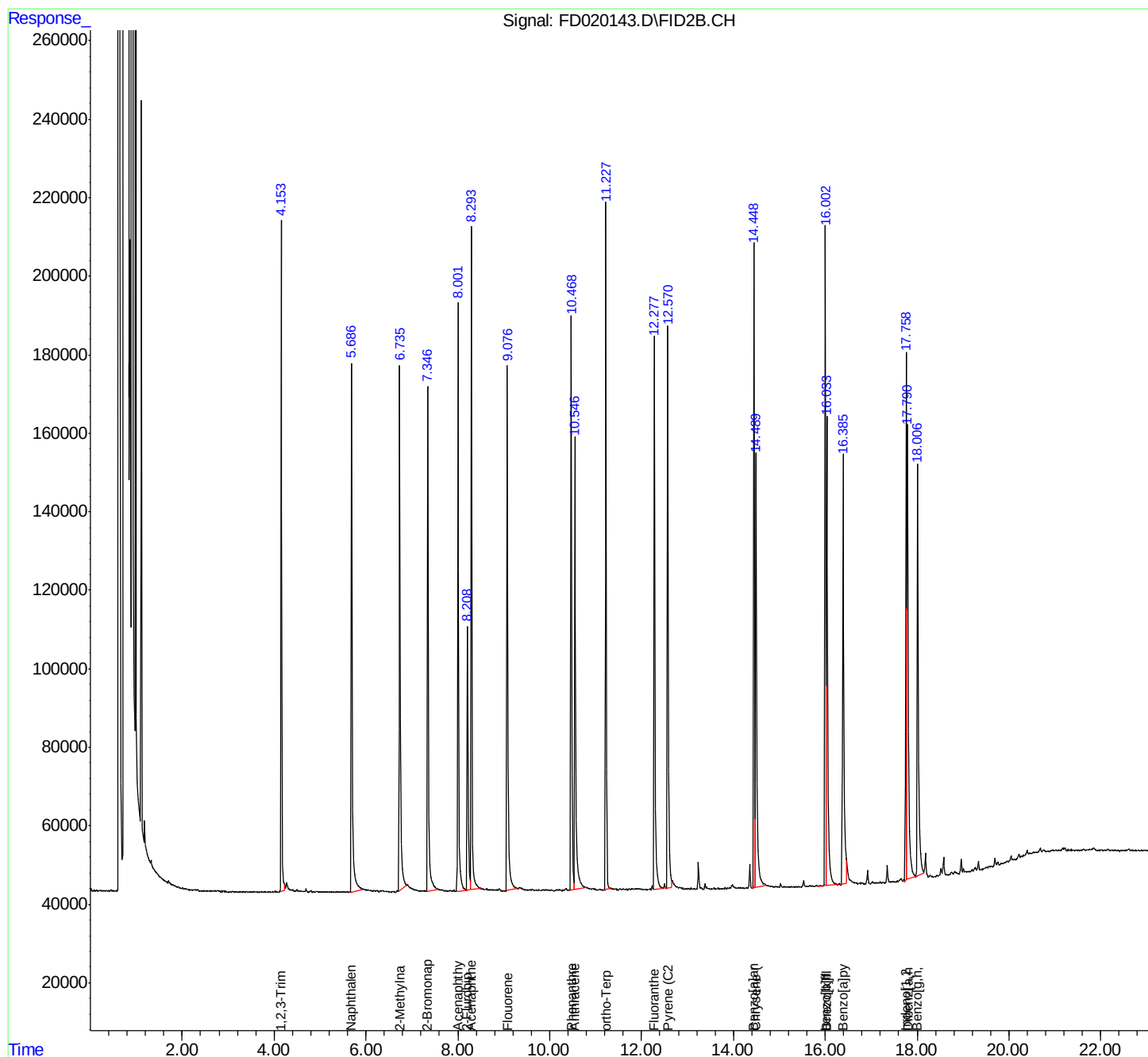
(f)=RT Delta > 1/2 Window

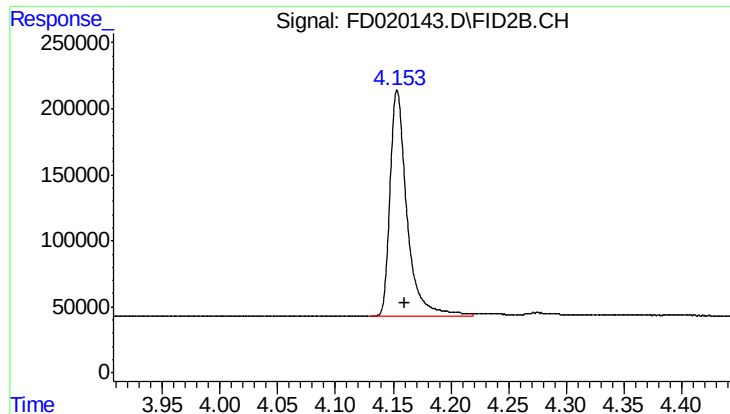
(m)=manual int.

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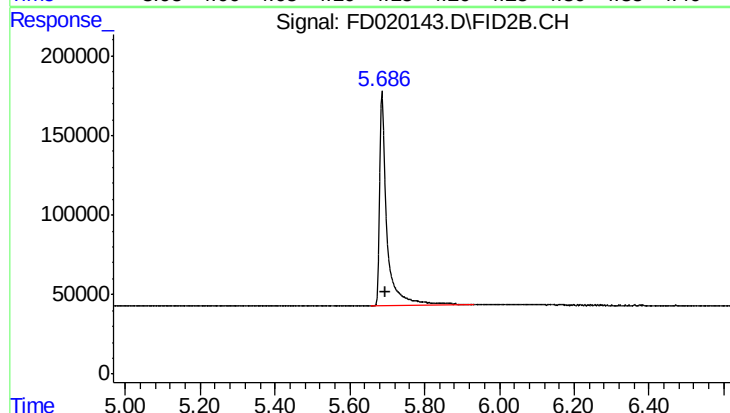
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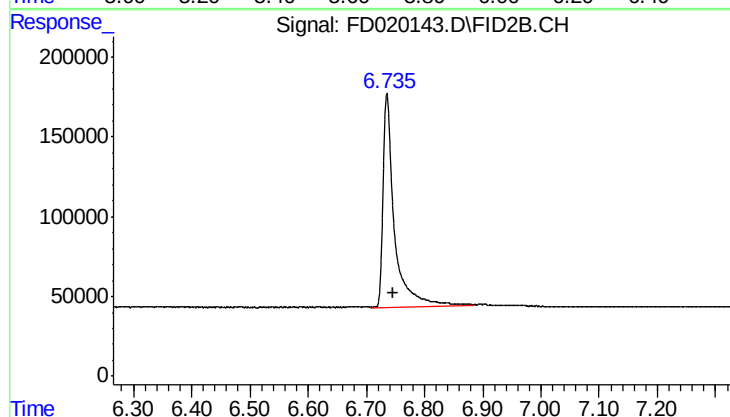
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.006 min
Response: 1739384
Conc: 19.70 ug/ml



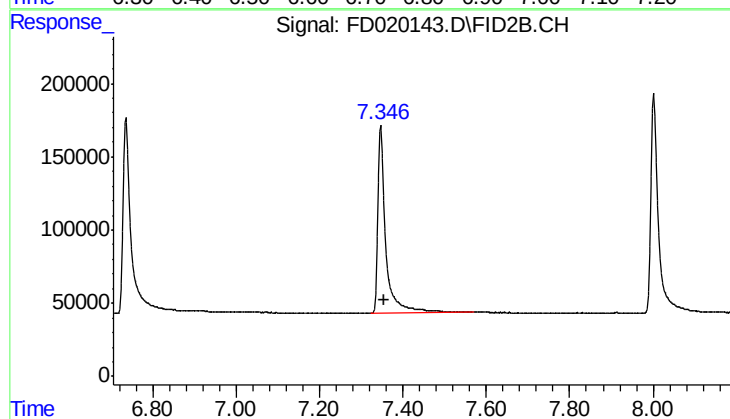
#2 Naphthalene (C11.7)

R.T.: 5.686 min
Delta R.T.: -0.010 min
Response: 1819382
Conc: 20.34 ug/ml



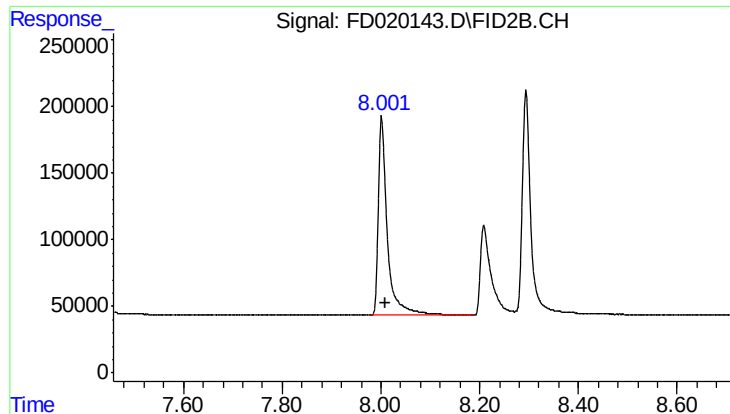
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.010 min
Response: 1794283
Conc: 19.76 ug/ml



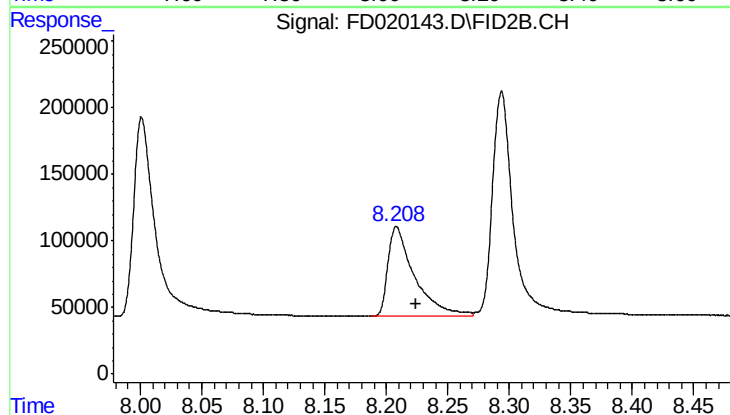
#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: -0.009 min
Response: 1689668
Conc: 20.17 ug/ml



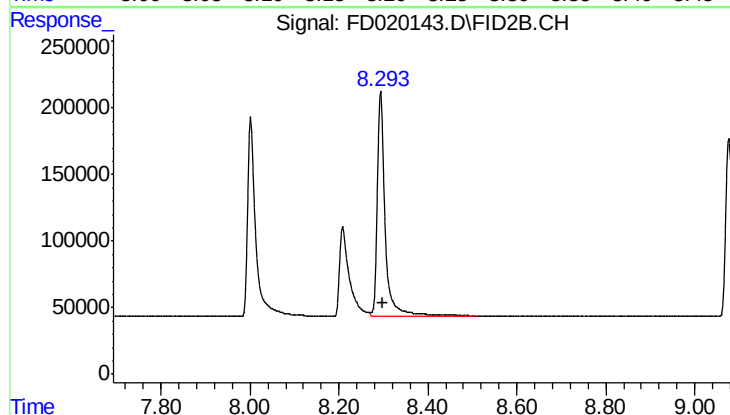
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.007 min
Response: 1902405
Conc: 19.86 ug/ml



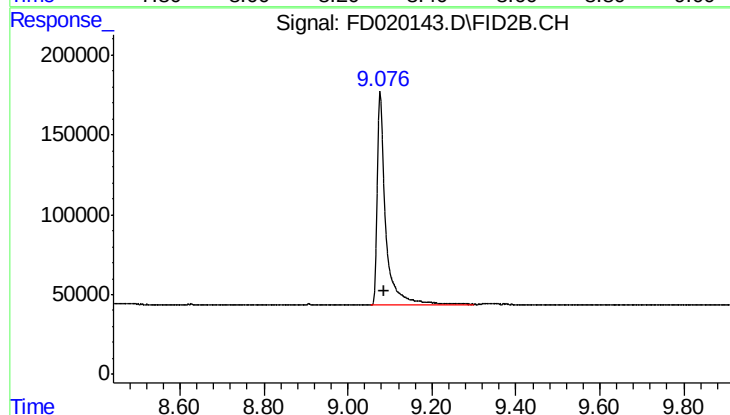
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.208 min
Delta R.T.: -0.016 min
Response: 1007962
Conc: 19.94 ug/ml



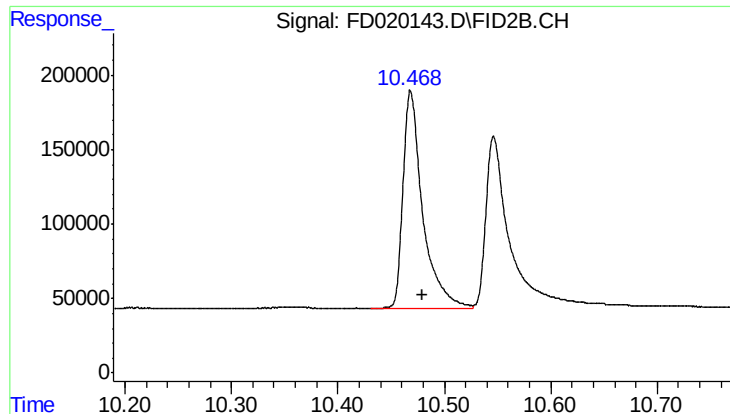
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.005 min
Response: 2062546
Conc: 20.13 ug/ml



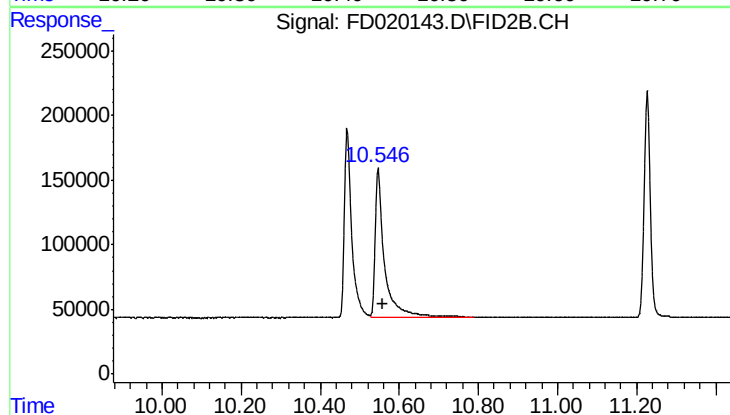
#8 Fluorene (C16.55)

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 1870499
Conc: 19.95 ug/ml



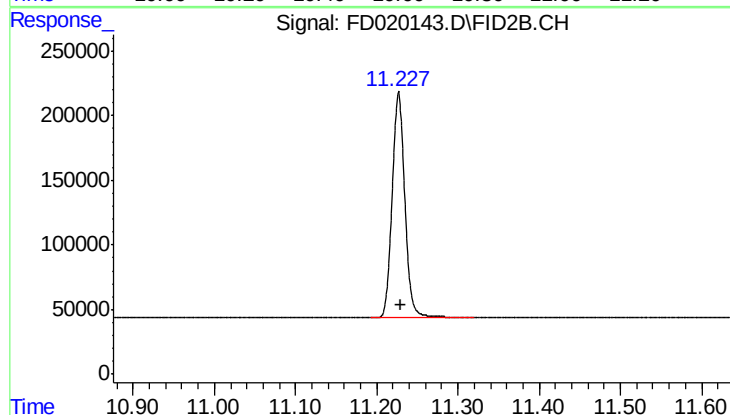
#9 Phenanthrene (C19.36)

R.T.: 10.469 min
Delta R.T.: -0.011 min
Response: 1872090
Conc: 20.09 ug/ml



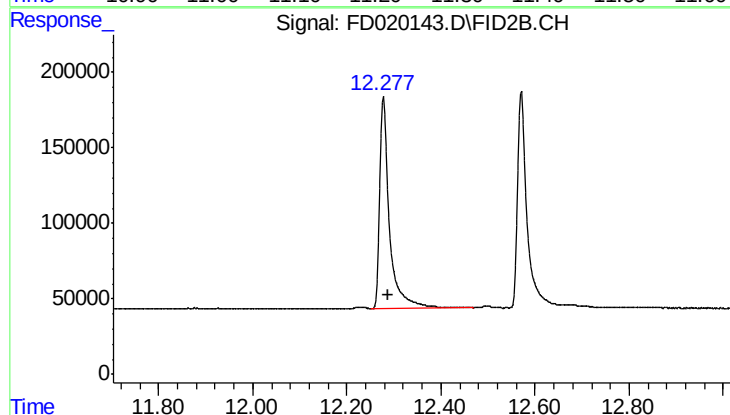
#10 Anthracene (C19.43)

R.T.: 10.547 min
Delta R.T.: -0.013 min
Response: 1881546
Conc: 19.84 ug/ml



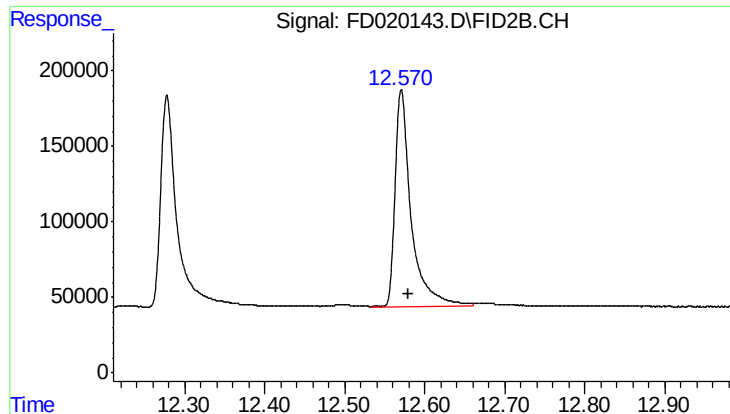
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 1890738
Conc: 19.92 ug/ml



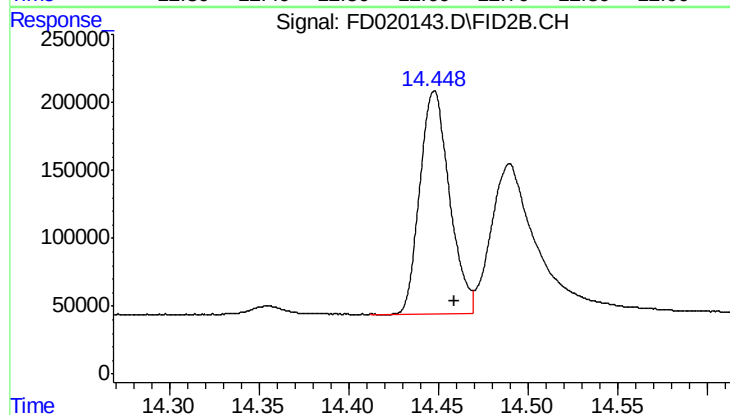
#12 Fluoranthene (C21.85)

R.T.: 12.278 min
Delta R.T.: -0.010 min
Response: 2019164
Conc: 20.13 ug/ml



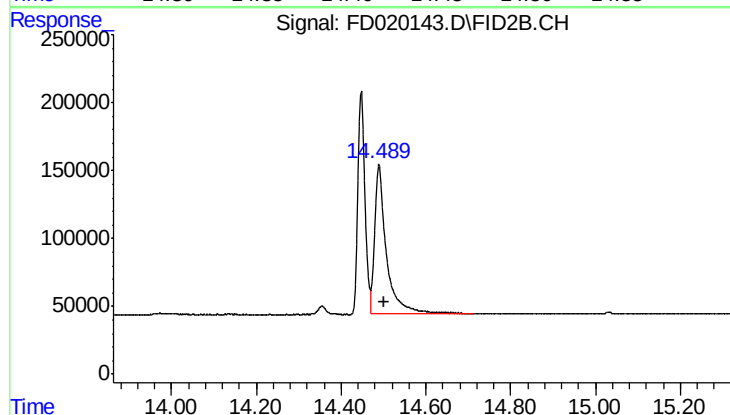
#13 Pyrene (C20.8)

R.T.: 12.571 min
Delta R.T.: -0.010 min
Response: 2003407
Conc: 19.72 ug/ml



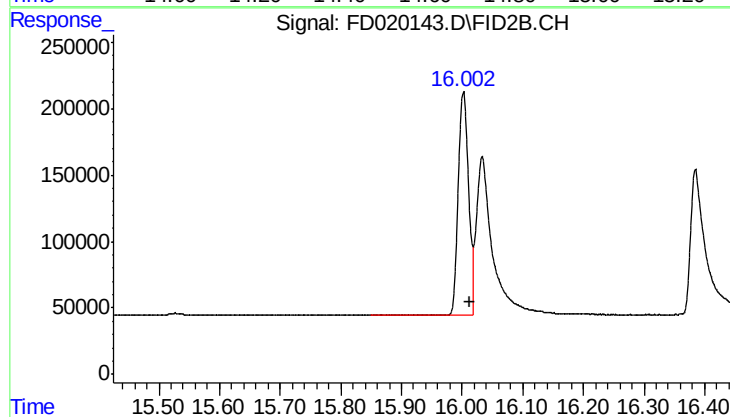
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min
Delta R.T.: -0.011 min
Response: 1898194
Conc: 19.68 ug/ml



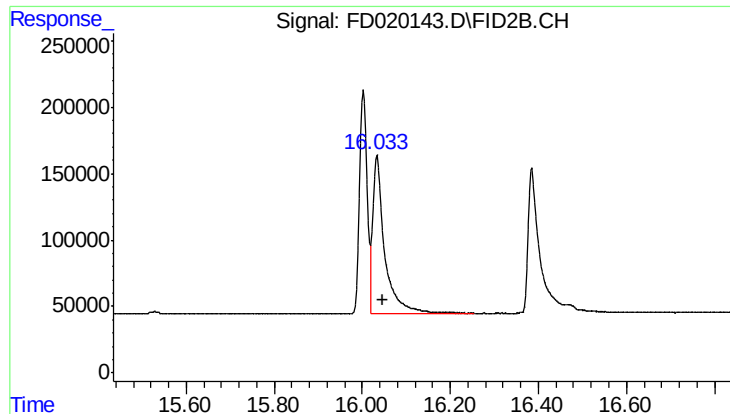
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: -0.011 min
Response: 2145563
Conc: 19.88 ug/ml



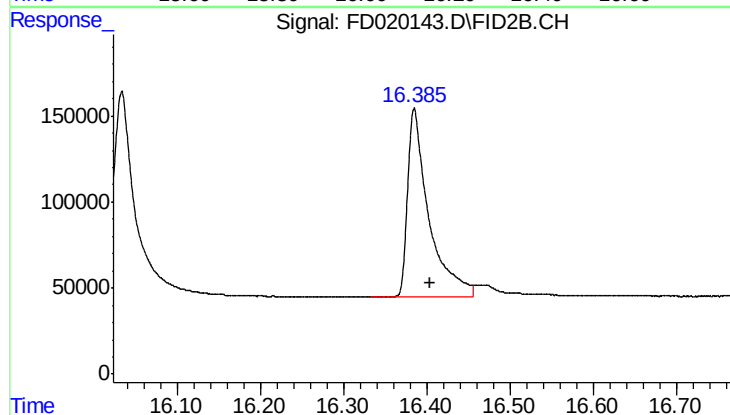
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.002 min
Delta R.T.: -0.010 min
Response: 1988086
Conc: 19.78 ug/ml



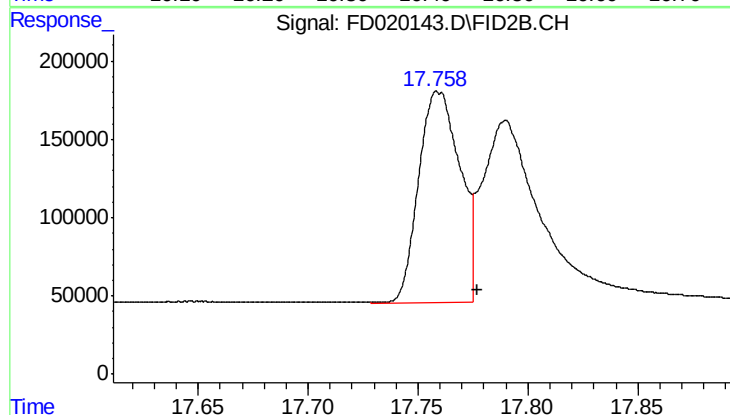
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: -0.012 min
Response: 2242961
Conc: 19.77 ug/ml



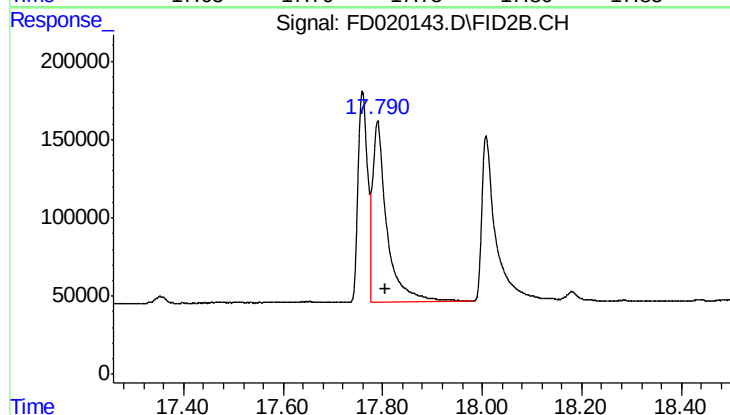
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.020 min
Response: 1927902
Conc: 18.34 ug/ml



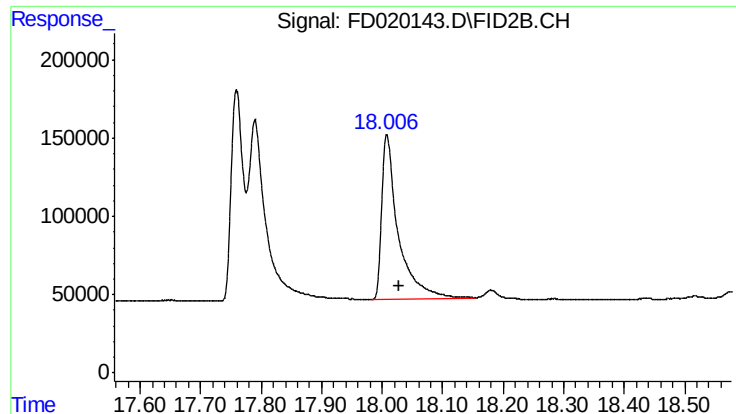
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: -0.019 min
Response: 1783042
Conc: 18.71 ug/ml m



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

R.T.: 17.790 min
Delta R.T.: -0.015 min
Response: 2321777
Conc: 20.43 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.020 min
Response: 1985924
Conc: 19.12 ug/ml