

Data Path : P:\HPCHEM1\FID D\Data\FD032018AR\
 Data File : FD022598.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 19:46
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 07:11:19 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...	7.323	1611814	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
6) S 2-Fluorobiphenyl (SURR)	8.184	1025405	19.411 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.82%
11) S ortho-Terphenyl (SURR)	11.204	2012046	18.929 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.131	1851579	19.011 ug/ml
2) T Naphthalene (C11.7)	5.663	1793073	19.309 ug/ml
3) T 2-Methylnaphthalene (...)	6.712	1756677	19.110 ug/ml
5) T Acenaphthylene (C15.06)	7.978	1910370	18.944 ug/ml
7) T Acenaphthene (C15.5)	8.270	2053867	18.690 ug/ml
8) T Fluorene (C16.55)	9.053	1889488	18.761 ug/ml
9) T Phenanthrene (C19.36)	10.445	2010981	19.108 ug/ml
10) T Anthracene (C19.43)	10.522	2044068	19.050 ug/ml
12) T Fluoranthene (C21.85)	12.254	2136218	18.846 ug/ml
13) T Pyrene (C20.8)	12.548	2130026	18.981 ug/ml
14) T Benzo[alanthracene (C...	14.427	1956297	18.943 ug/ml
15) T Chrysene (C27.41)	14.469	2181138	18.786 ug/ml
16) T benzo[b]fluoranthene ...	15.985	1950385	18.771 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	2289203	18.886 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	2003831	18.818 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	2345040	35.021 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	2345040	19.296 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.003	1376102	16.688 ug/ml

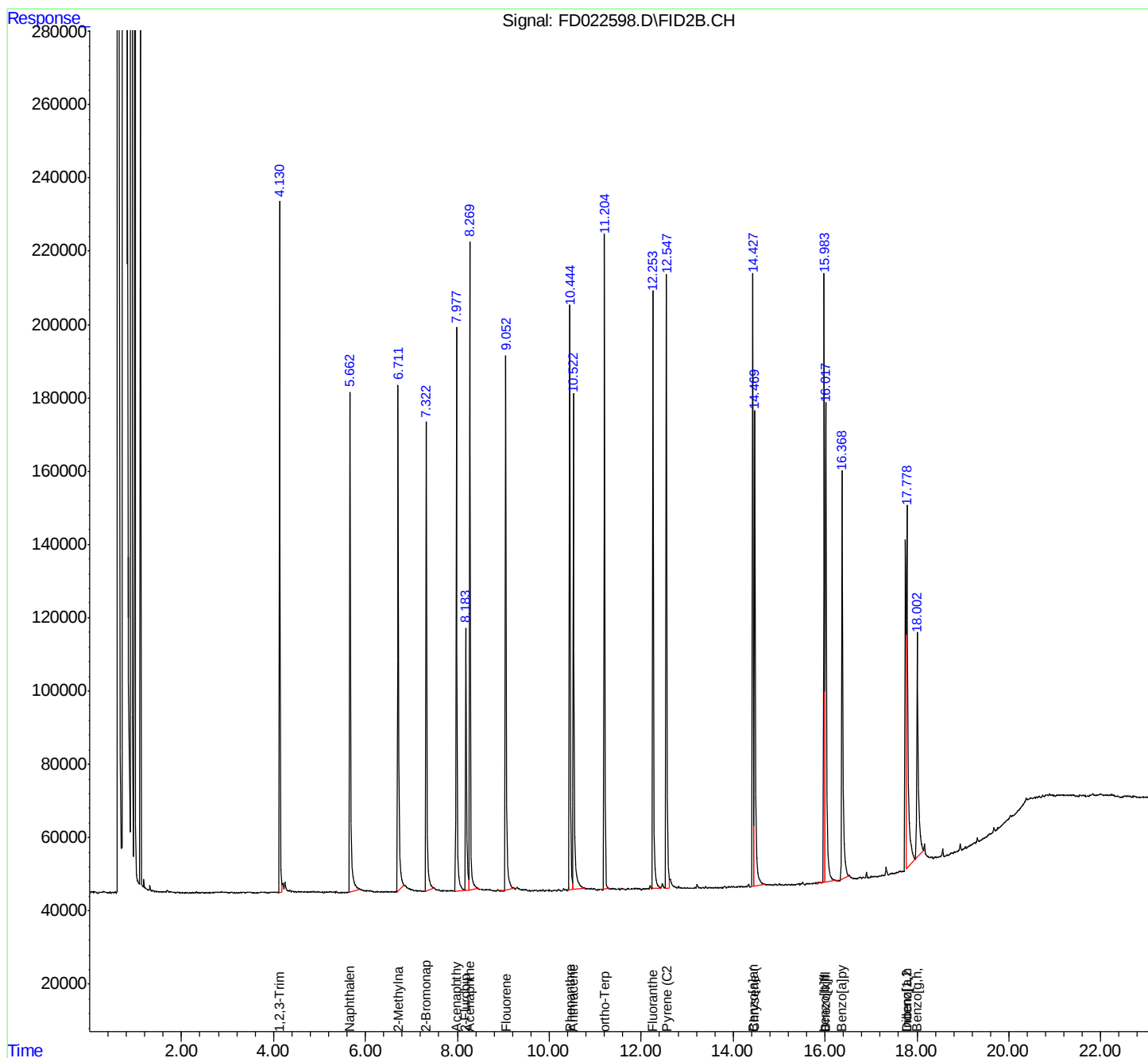
(f)=RT Delta > 1/2 Window

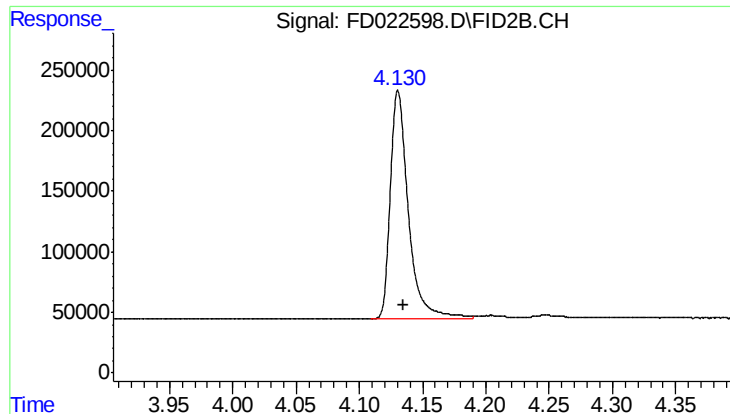
(m)=manual int.

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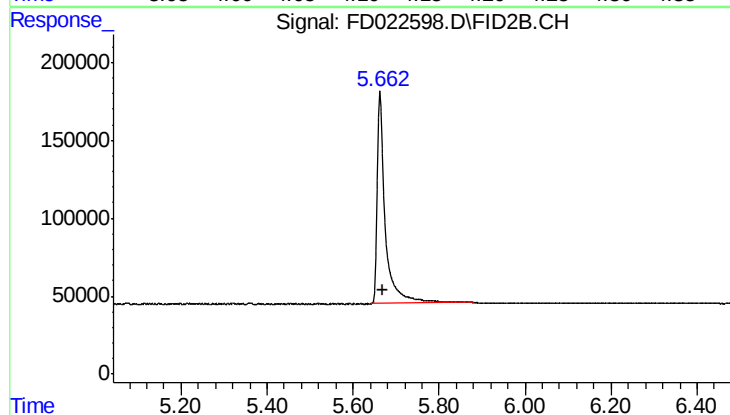
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





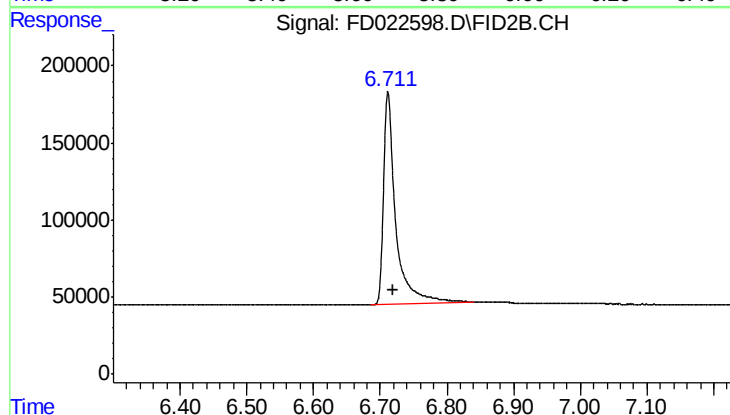
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.131 min
Delta R.T.: -0.004 min
Response: 1851579
Conc: 19.01 ug/ml



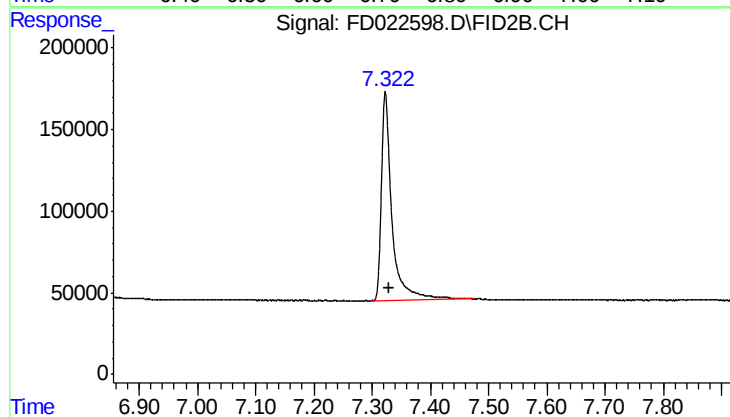
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 1793073
Conc: 19.31 ug/ml



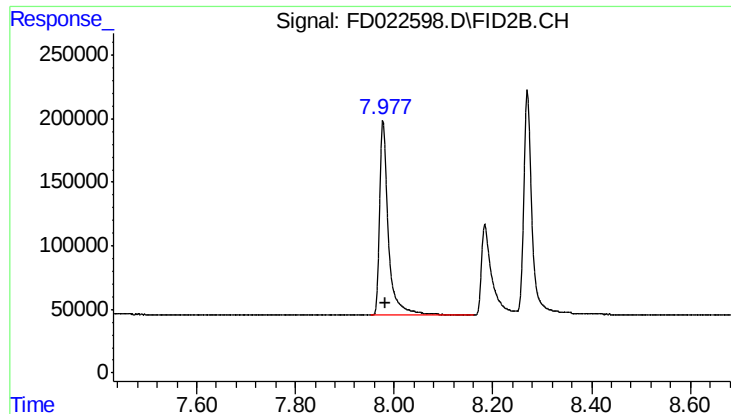
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min
Delta R.T.: -0.008 min
Response: 1756677
Conc: 19.11 ug/ml



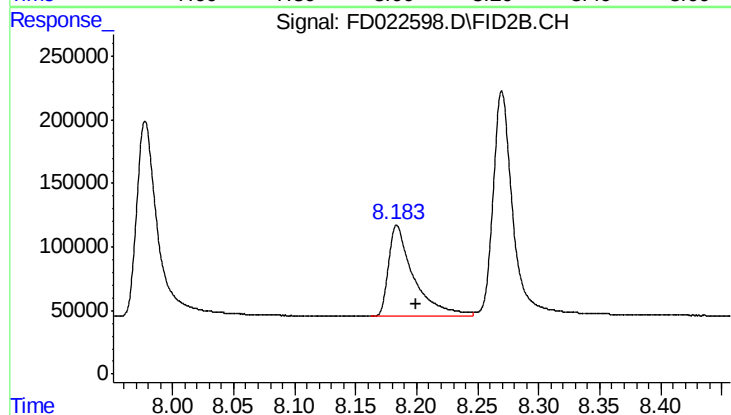
#4 2-Bromonaphthalene (SURR)

R.T.: 7.323 min
Delta R.T.: -0.007 min
Response: 1611814
Conc: 18.63 ug/ml



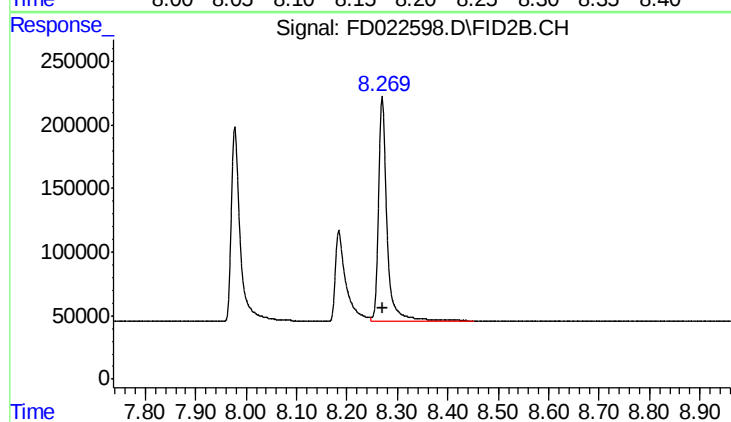
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 1910370
Conc: 18.94 ug/ml



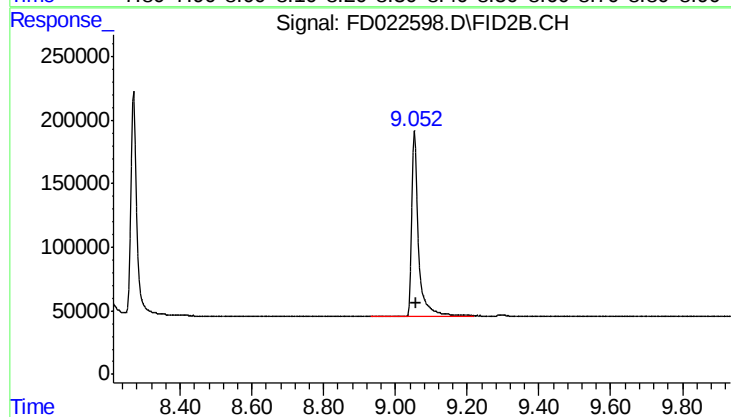
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.015 min
Response: 1025405
Conc: 19.41 ug/ml



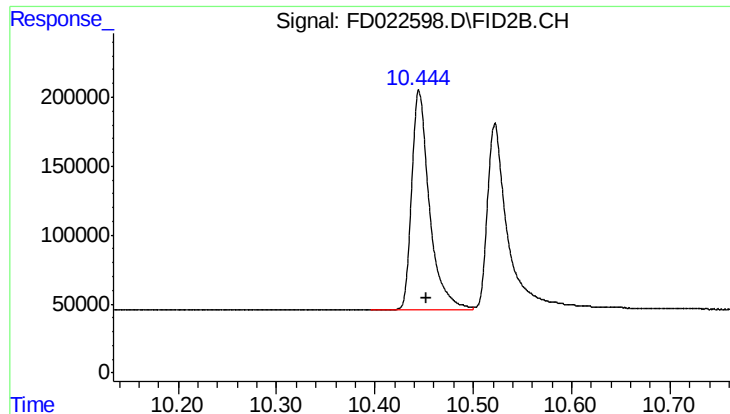
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: -0.003 min
Response: 2053867
Conc: 18.69 ug/ml



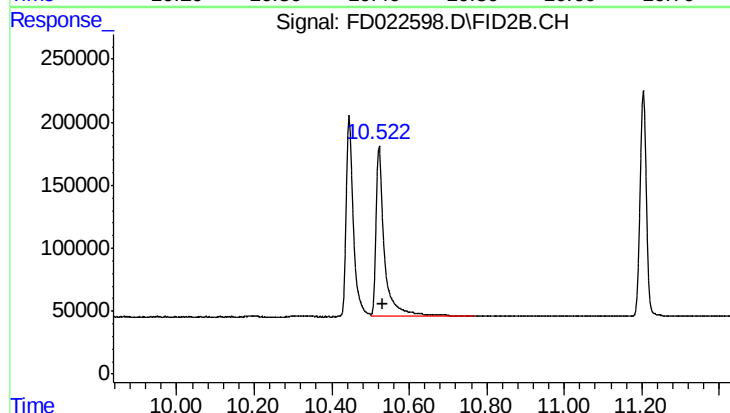
#8 Fluorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.007 min
Response: 1889488
Conc: 18.76 ug/ml



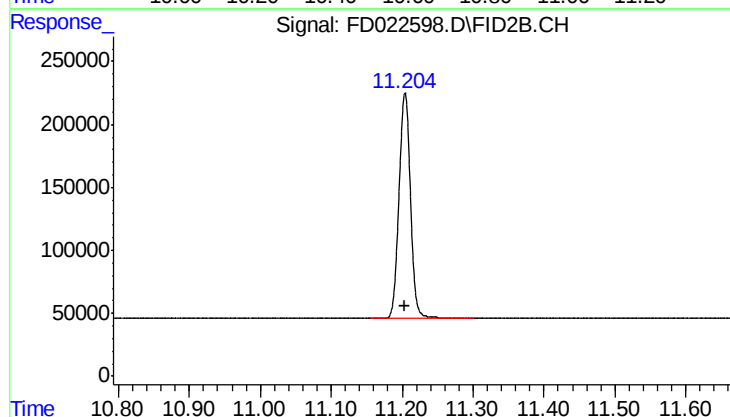
#9 Phenanthrene (C19.36)

R.T.: 10.445 min
Delta R.T.: -0.007 min
Response: 2010981
Conc: 19.11 ug/ml



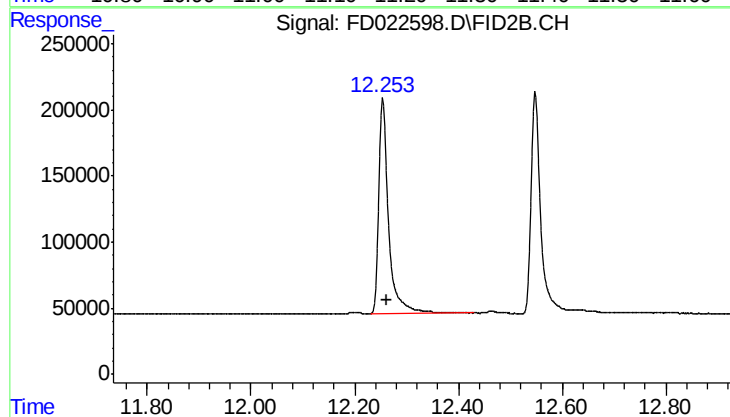
#10 Anthracene (C19.43)

R.T.: 10.522 min
Delta R.T.: -0.010 min
Response: 2044068
Conc: 19.05 ug/ml



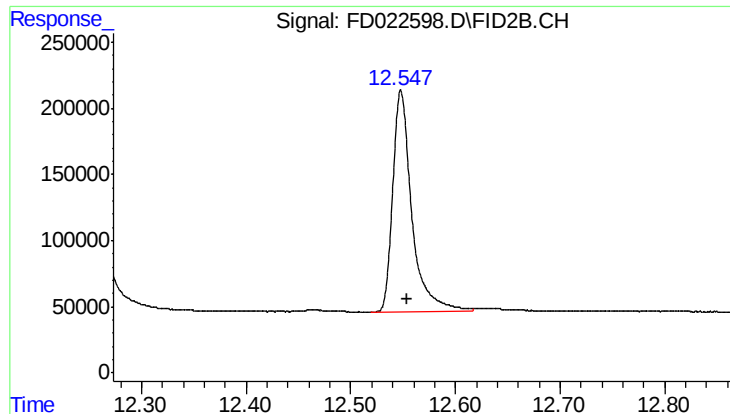
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 2012046
Conc: 18.93 ug/ml



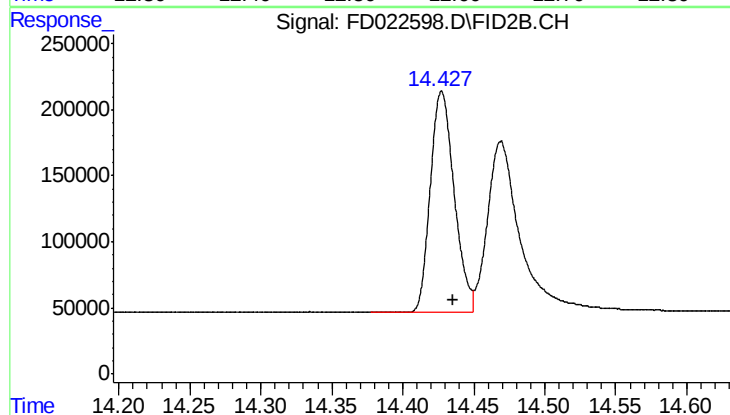
#12 Fluoranthene (C21.85)

R.T.: 12.254 min
Delta R.T.: -0.007 min
Response: 2136218
Conc: 18.85 ug/ml



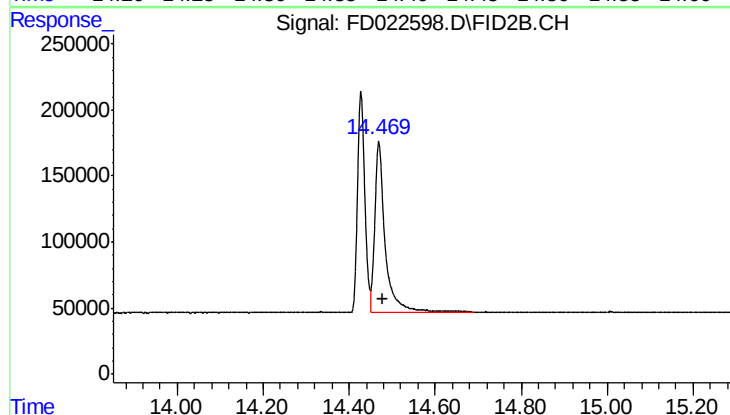
#13 Pyrene (C20.8)

R.T.: 12.548 min
Delta R.T.: -0.006 min
Response: 2130026
Conc: 18.98 ug/ml



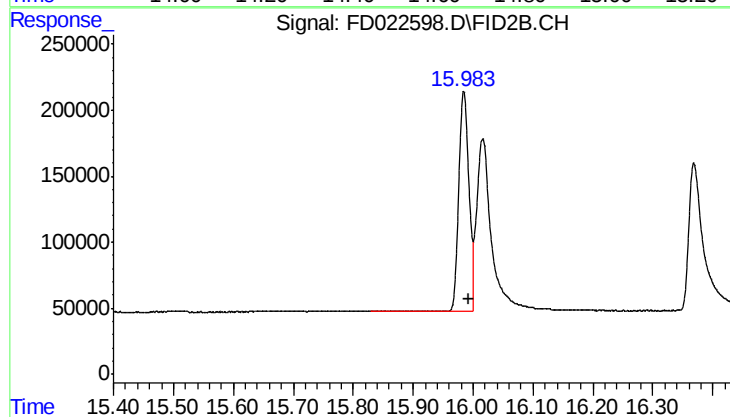
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.008 min
Response: 1956297
Conc: 18.94 ug/ml



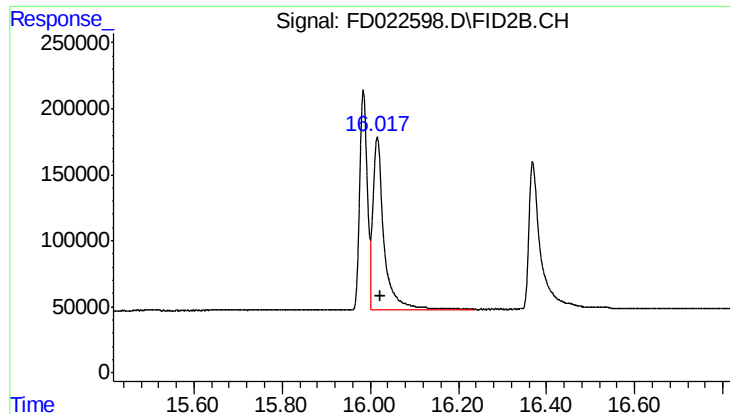
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.008 min
Response: 2181138
Conc: 18.79 ug/ml



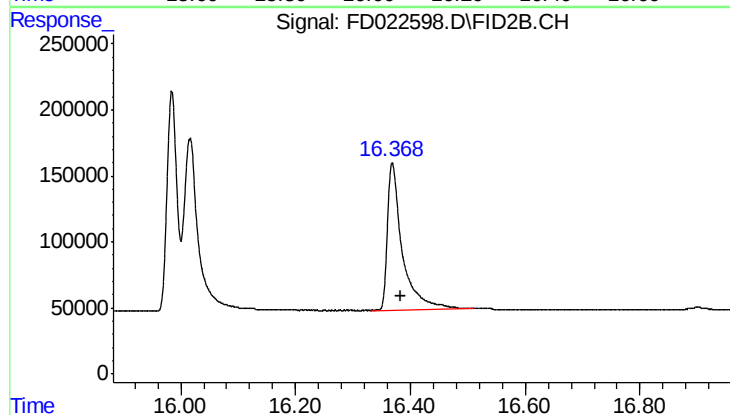
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.985 min
Delta R.T.: -0.007 min
Response: 1950385
Conc: 18.77 ug/ml



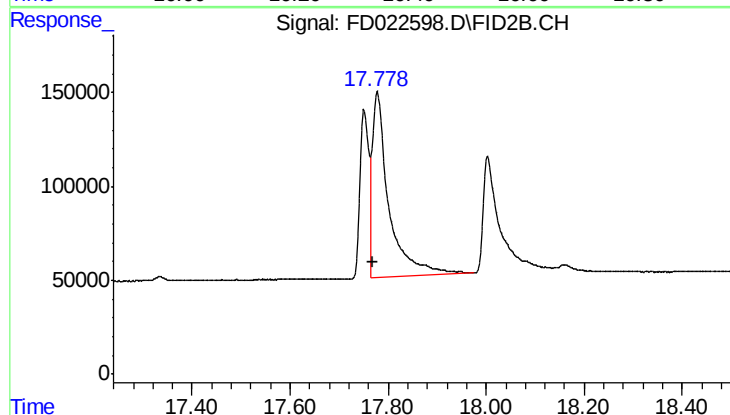
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.016 min
Delta R.T.: -0.007 min
Response: 2289203
Conc: 18.89 ug/ml



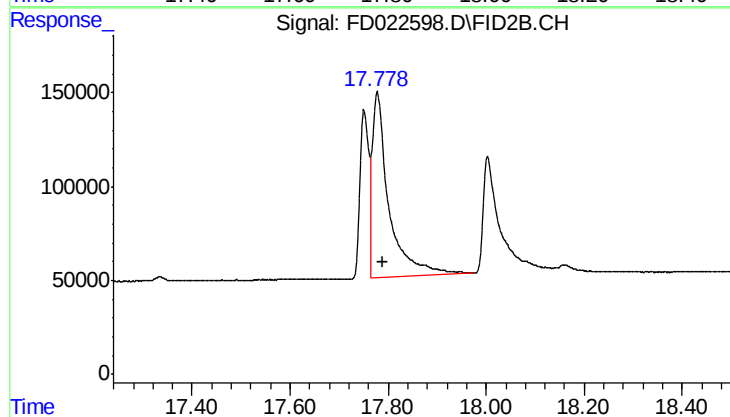
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: -0.014 min
Response: 2003831
Conc: 18.82 ug/ml



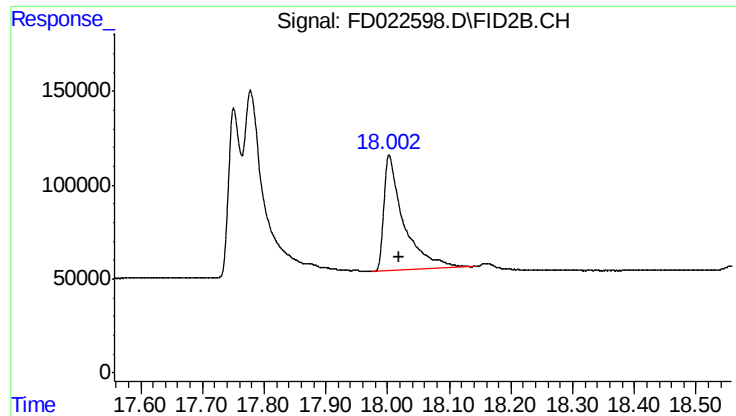
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: 0.009 min
Response: 2345040
Conc: 35.02 ug/ml



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

R.T.: 17.778 min
Delta R.T.: -0.011 min
Response: 2345040
Conc: 19.30 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.016 min
Response: 1376102
Conc: 16.69 ug/ml