

Data Path : P:\HPCHEM1\FID D\Data\FD032018AR\
 Data File : FD022596.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 18:33
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 07:07:49 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	1670337	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
6) S 2-Fluorobiphenyl (SURR)	8.184	1021127	19.330 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.66%
11) S ortho-Terphenyl (SURR)	11.204	2007263	18.884 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.131	1896346	19.470 ug/ml
2) T Naphthalene (C11.7)	5.663	1854121	19.966 ug/ml
3) T 2-Methylnaphthalene (...)	6.712	1792212	19.497 ug/ml
5) T Acenaphthylene (C15.06)	7.978	1897233	18.813 ug/ml
7) T Acenaphthene (C15.5)	8.270	2058547	18.732 ug/ml
8) T Fluorene (C16.55)	9.053	1925186	19.115 ug/ml
9) T Phenanthrene (C19.36)	10.445	1997292	18.978 ug/ml
10) T Anthracene (C19.43)	10.522	2019183	18.818 ug/ml
12) T Fluoranthene (C21.85)	12.255	2140105	18.880 ug/ml
13) T Pyrene (C20.8)	12.548	2117636	18.871 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.427	1956630	18.946 ug/ml
15) T Chrysene (C27.41)	14.469	2159075	18.596 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.986	1953450	18.801 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.016	2278689	18.799 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.370	1924436	18.072 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.777	2372407	35.429 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.777	2372407	19.522 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.004	1380310	16.739 ug/ml

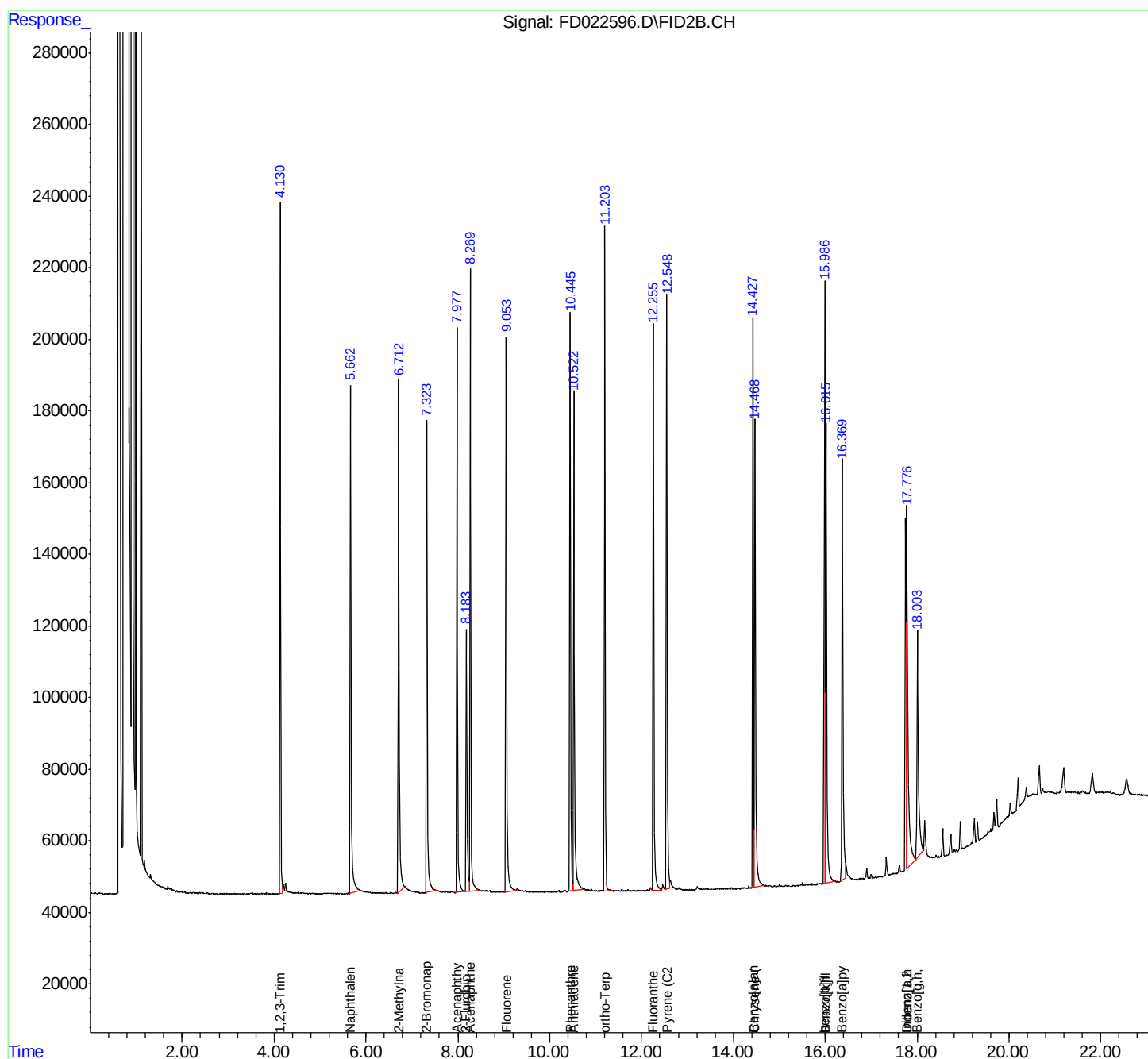
(f)=RT Delta > 1/2 Window

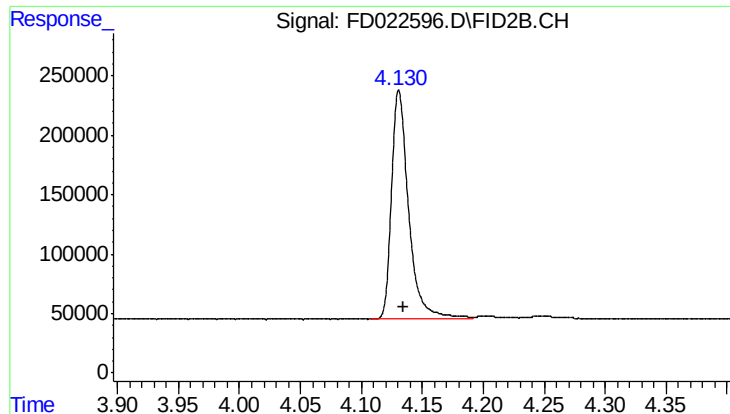
(m)=manual int.

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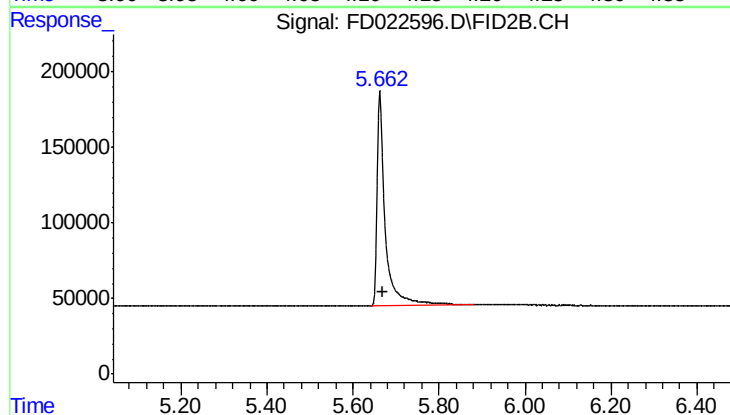
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





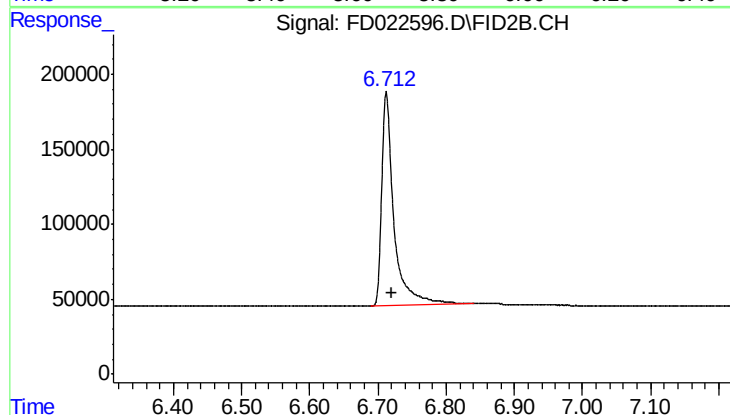
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.131 min
Delta R.T.: -0.004 min
Response: 1896346
Conc: 19.47 ug/ml



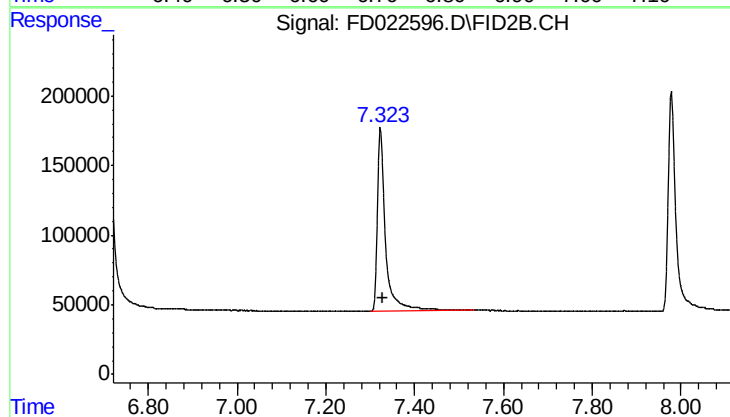
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 1854121
Conc: 19.97 ug/ml



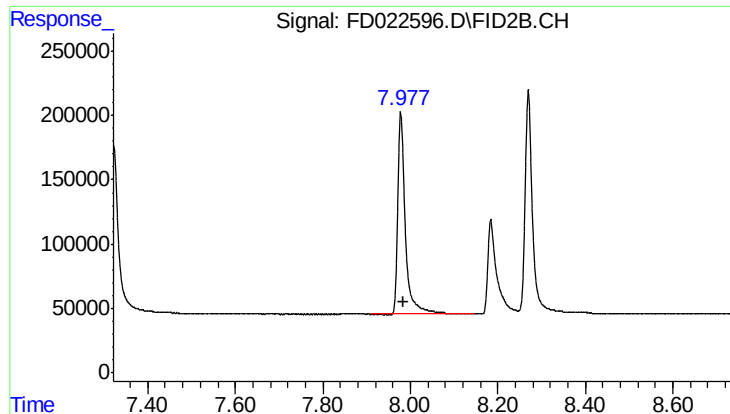
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min
Delta R.T.: -0.008 min
Response: 1792212
Conc: 19.50 ug/ml



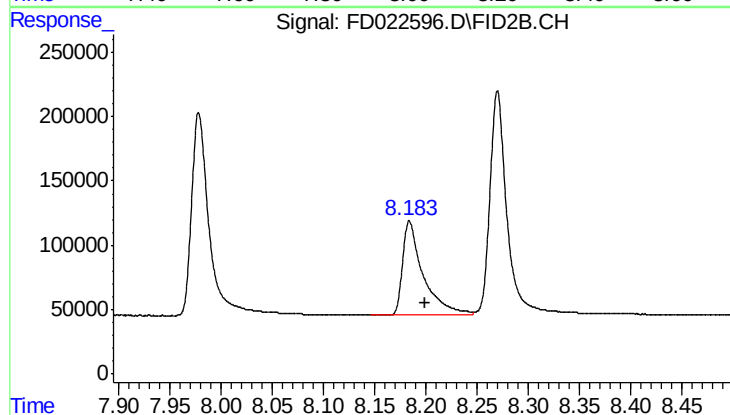
#4 2-Bromonaphthalene (SURR)

R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 1670337
Conc: 19.31 ug/ml



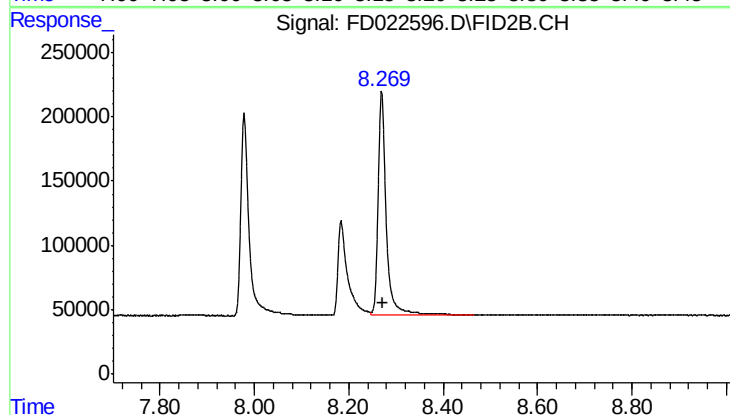
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 1897233
Conc: 18.81 ug/ml



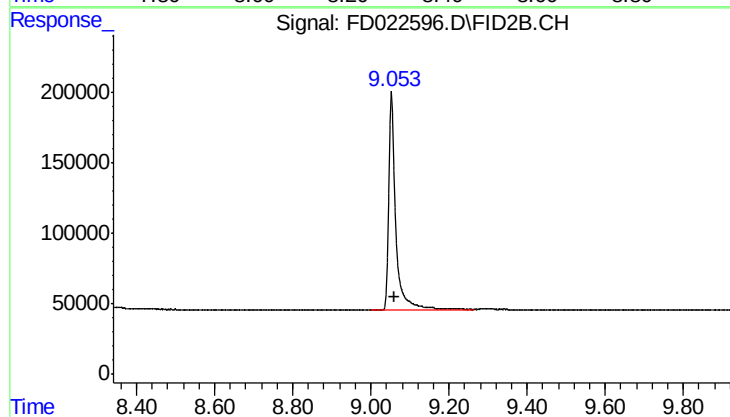
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.015 min
Response: 1021127
Conc: 19.33 ug/ml



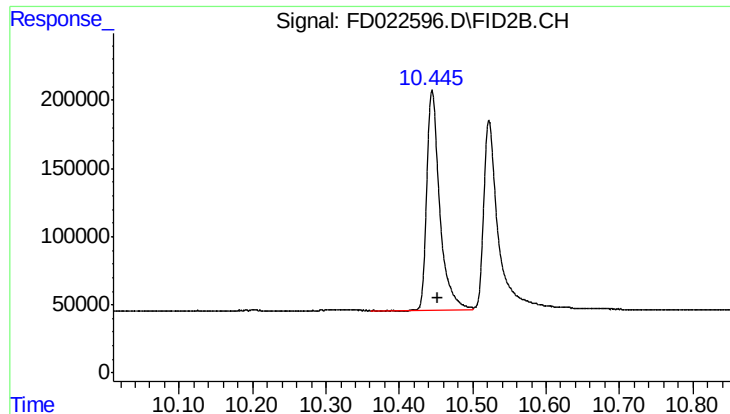
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: -0.003 min
Response: 2058547
Conc: 18.73 ug/ml



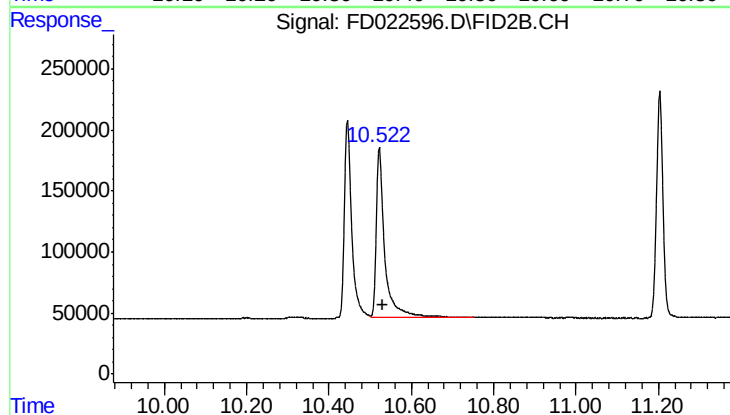
#8 Fluorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.007 min
Response: 1925186
Conc: 19.12 ug/ml



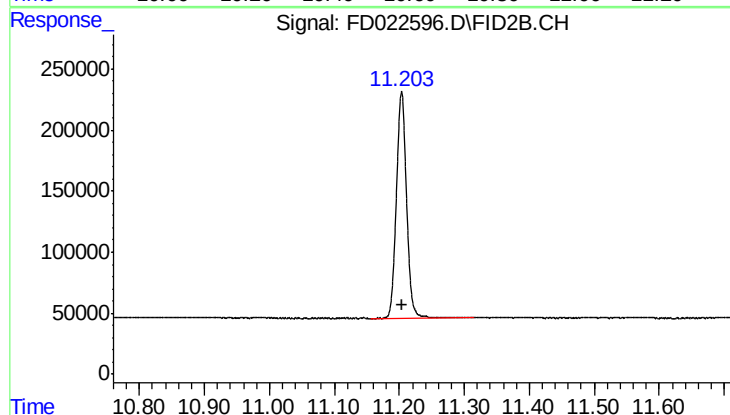
#9 Phenanthrene (C19.36)

R.T.: 10.445 min
Delta R.T.: -0.007 min
Response: 1997292
Conc: 18.98 ug/ml



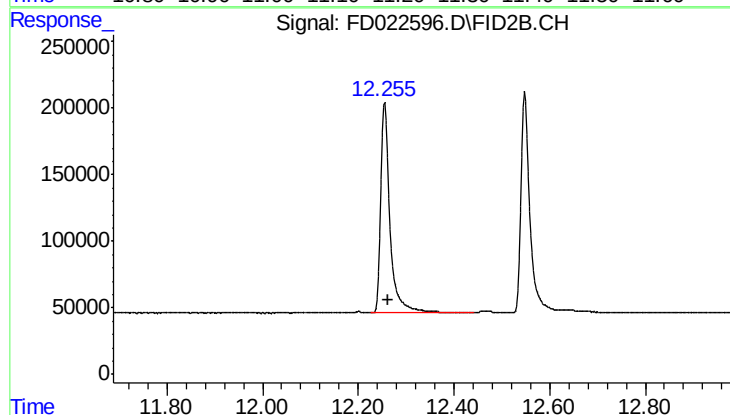
#10 Anthracene (C19.43)

R.T.: 10.522 min
Delta R.T.: -0.009 min
Response: 2019183
Conc: 18.82 ug/ml



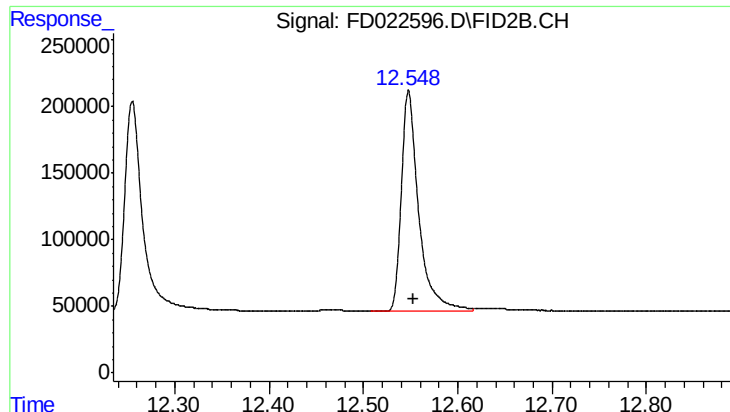
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 2007263
Conc: 18.88 ug/ml



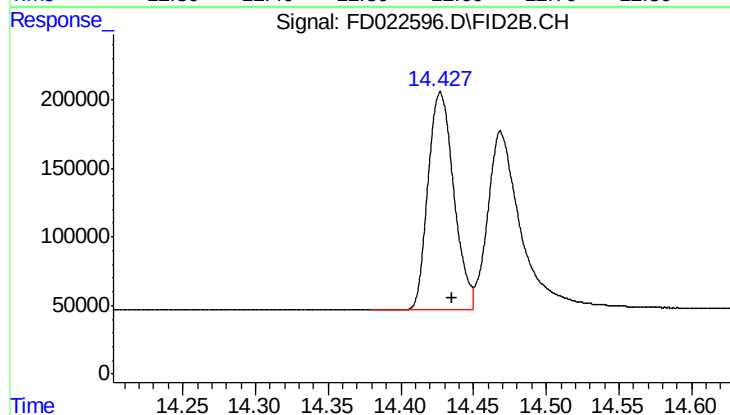
#12 Fluoranthene (C21.85)

R.T.: 12.255 min
Delta R.T.: -0.006 min
Response: 2140105
Conc: 18.88 ug/ml



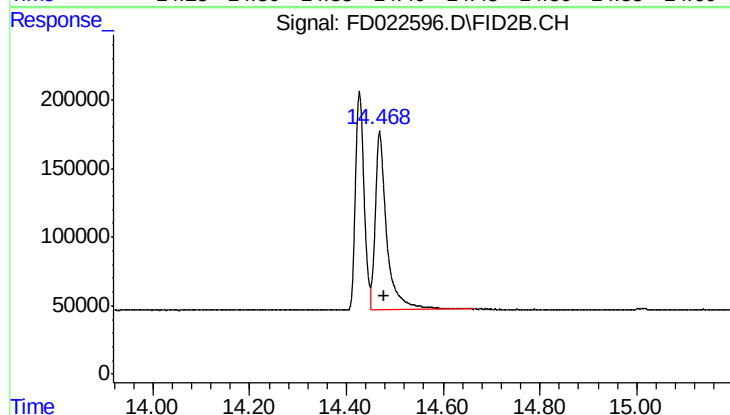
#13 Pyrene (C20.8)

R.T.: 12.548 min
Delta R.T.: -0.006 min
Response: 2117636
Conc: 18.87 ug/ml



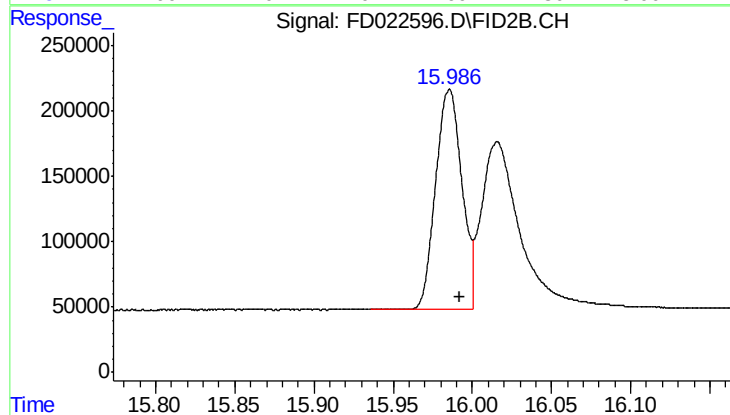
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.008 min
Response: 1956630
Conc: 18.95 ug/ml



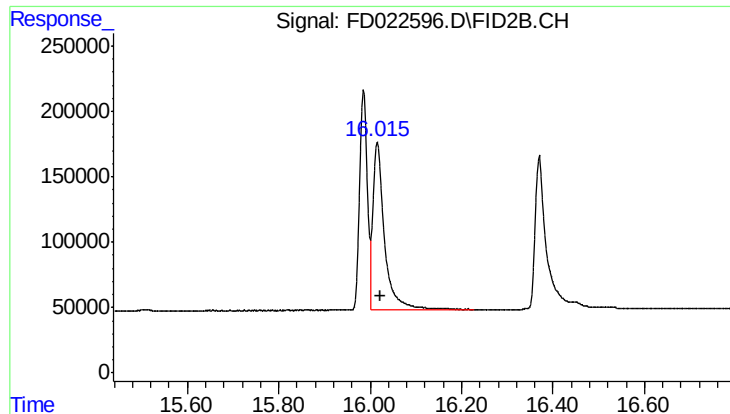
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.008 min
Response: 2159075
Conc: 18.60 ug/ml



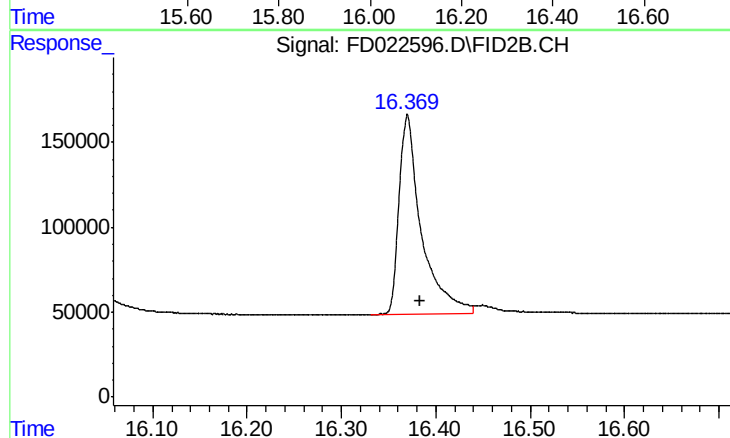
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.986 min
Delta R.T.: -0.006 min
Response: 1953450
Conc: 18.80 ug/ml



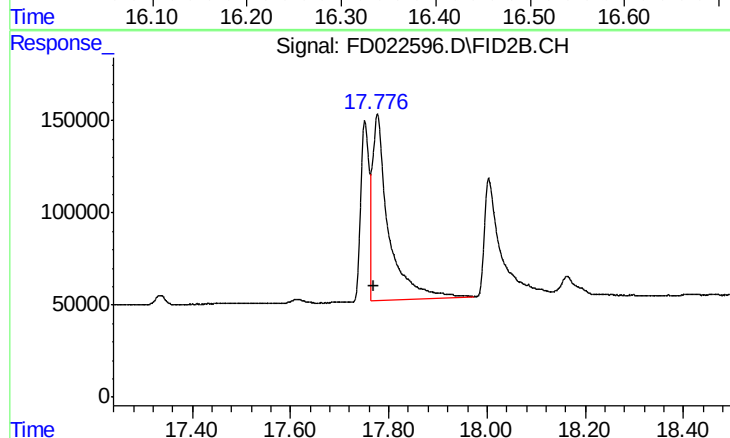
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.016 min
Delta R.T.: -0.007 min
Response: 2278689
Conc: 18.80 ug/ml



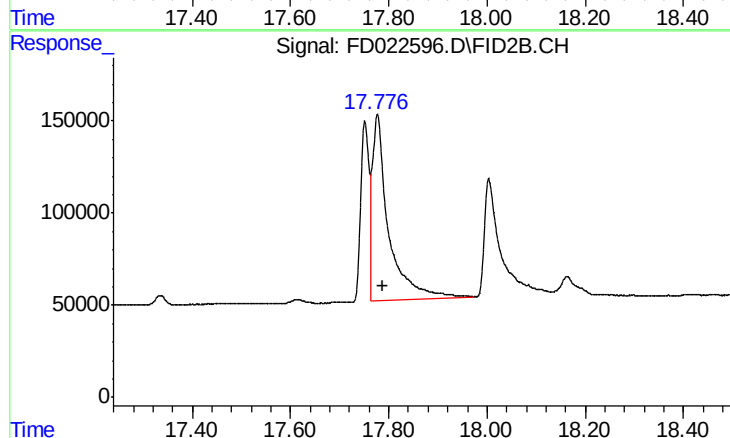
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: -0.013 min
Response: 1924436
Conc: 18.07 ug/ml



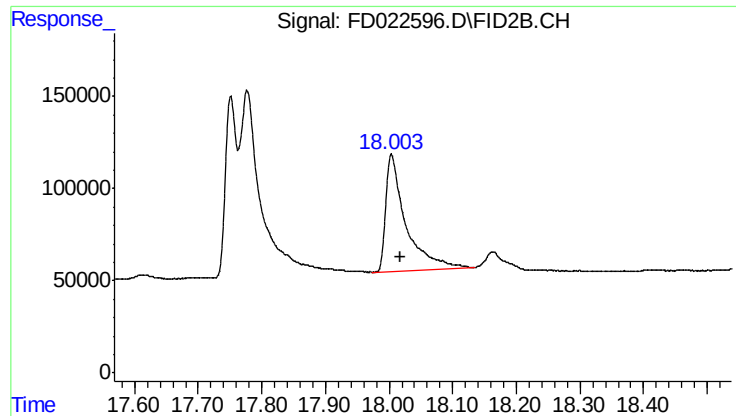
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min
Delta R.T.: 0.008 min
Response: 2372407
Conc: 35.43 ug/ml



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

R.T.: 17.777 min
Delta R.T.: -0.012 min
Response: 2372407
Conc: 19.52 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.015 min
Response: 1380310
Conc: 16.74 ug/ml