

Data Path : P:\HPCHEM1\FID D\Data\FD032218AR\
 Data File : FD022621.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2018 20:45
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:56:35 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...	7.321	1893488	21.889 ug/ml
Spiked Amount 50.000		Recovery =	43.78%
6) S 2-Fluorobiphenyl (SURR)	8.182	1219905	23.093 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.19%
11) S ortho-Terphenyl (SURR)	11.202	2284783	21.495 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.130	1971823	20.245 ug/ml
2) T Naphthalene (C11.7)	5.661	2029777	21.858 ug/ml
3) T 2-Methylnaphthalene (...)	6.710	2022823	22.006 ug/ml
5) T Acenaphthylene (C15.06)	7.976	2212704	21.942 ug/ml
7) T Acenaphthene (C15.5)	8.268	2361152	21.486 ug/ml
8) T Fluorene (C16.55)	9.051	2231389	22.156 ug/ml
9) T Phenanthrene (C19.36)	10.443	2314359	21.991 ug/ml
10) T Anthracene (C19.43)	10.521	2325035	21.668 ug/ml
12) T Fluoranthene (C21.85)	12.253	2443051	21.553 ug/ml
13) T Pyrene (C20.8)	12.547	2435807	21.706 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.426	2250987	21.797 ug/ml
15) T Chrysene (C27.41)	14.468	2385471	20.546 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.983	2252524	21.679 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.014	2577463	21.264 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.366	2289672	21.502 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.747	1432655	21.395 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.772	2644449	21.760 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.998	1653691	20.054 ug/ml

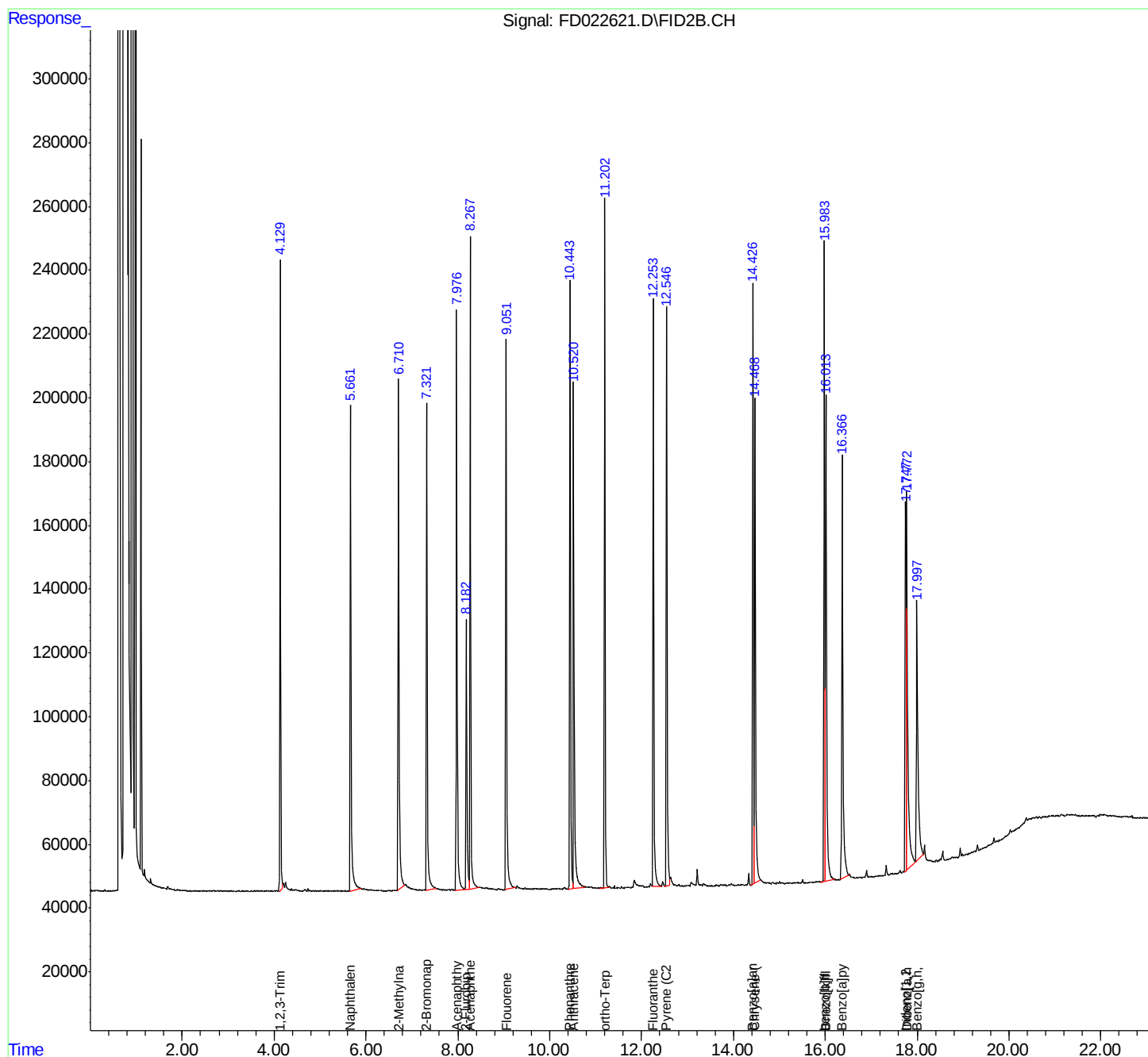
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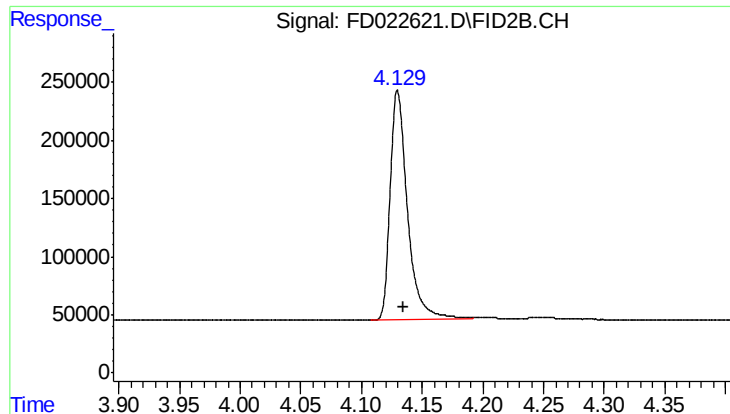
(m)=manual int.

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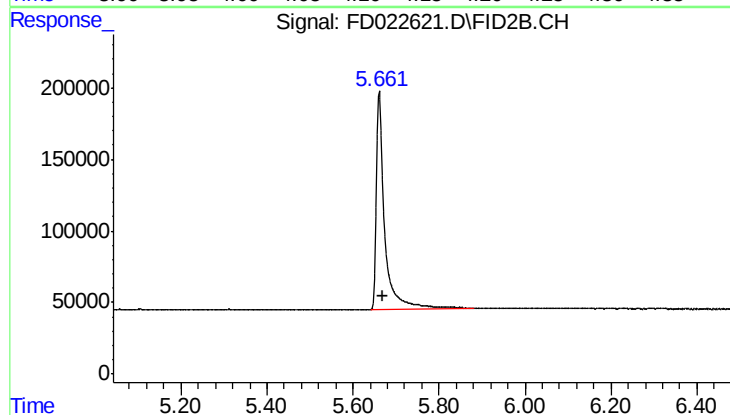
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Signal Info : 20M x 0.18mm x 0.18µm





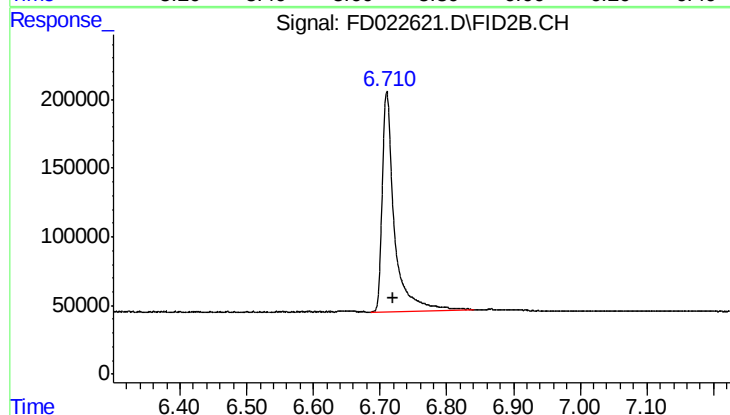
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.130 min
Delta R.T.: -0.005 min
Response: 1971823
Conc: 20.25 ug/ml



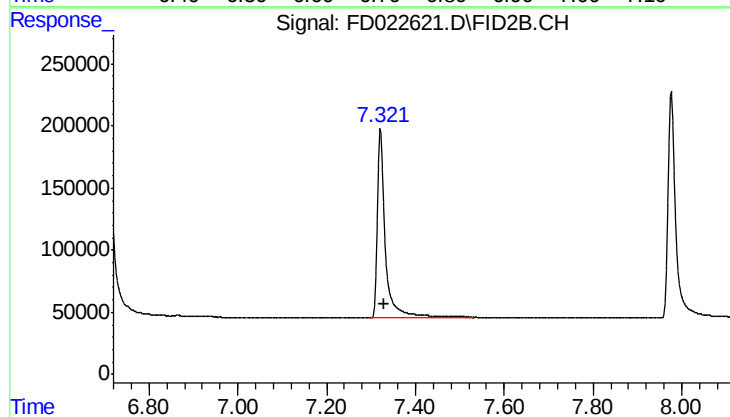
#2 Naphthalene (C11.7)

R.T.: 5.661 min
Delta R.T.: -0.010 min
Response: 2029777
Conc: 21.86 ug/ml



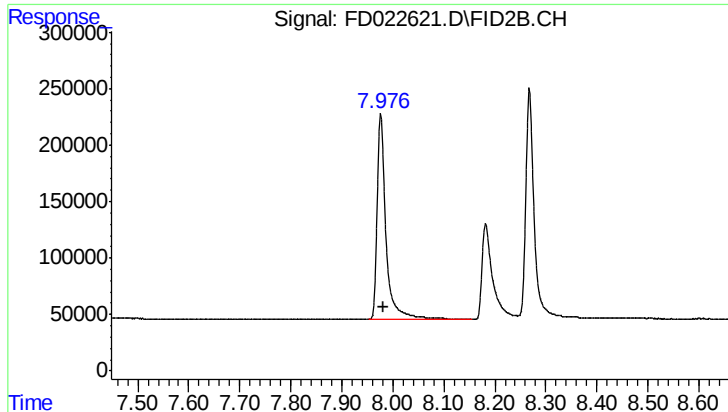
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.710 min
Delta R.T.: -0.010 min
Response: 2022823
Conc: 22.01 ug/ml



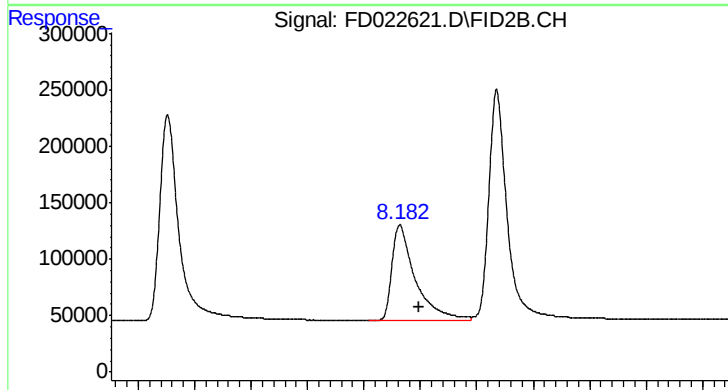
#4 2-Bromonaphthalene (SURR)

R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 1893488
Conc: 21.89 ug/ml



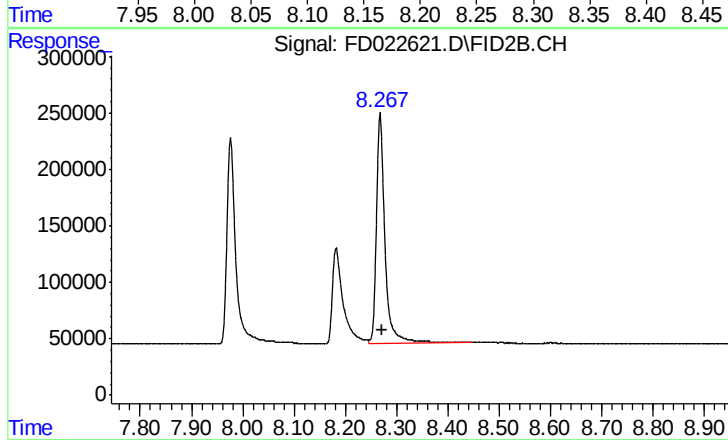
#5 Acenaphthylene (C15.06)

R.T.: 7.976 min
Delta R.T.: -0.006 min
Response: 2212704
Conc: 21.94 ug/ml



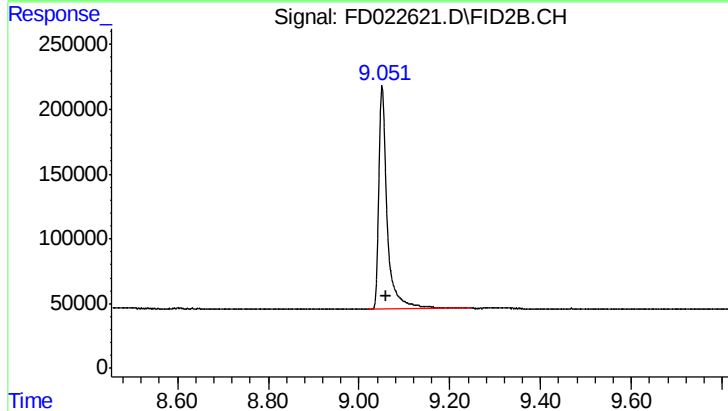
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.017 min
Response: 1219905
Conc: 23.09 ug/ml



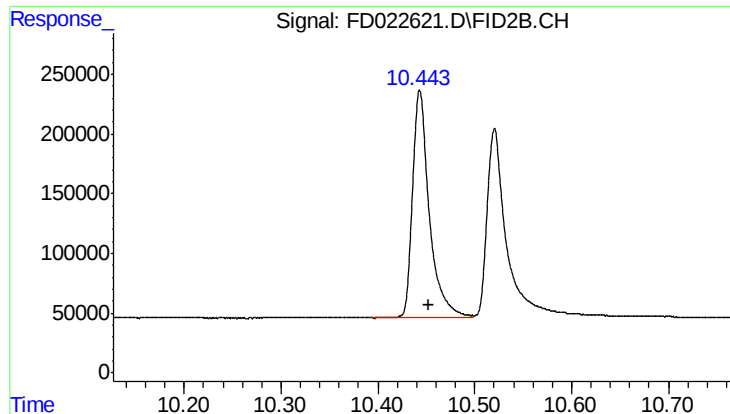
#7 Acenaphthene (C15.5)

R.T.: 8.268 min
Delta R.T.: -0.005 min
Response: 2361152
Conc: 21.49 ug/ml



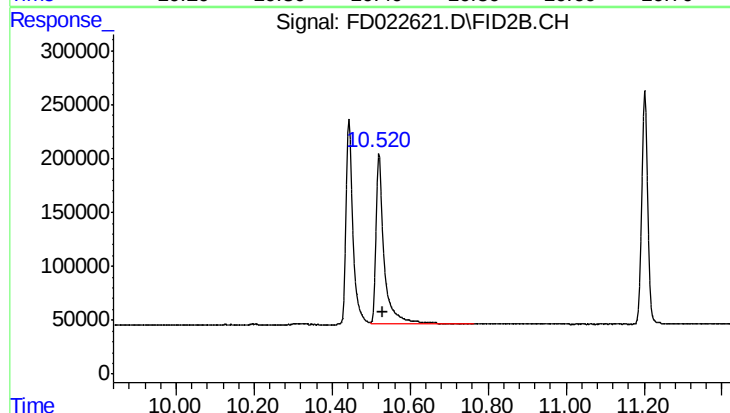
#8 Fluorene (C16.55)

R.T.: 9.051 min
Delta R.T.: -0.009 min
Response: 2231389
Conc: 22.16 ug/ml



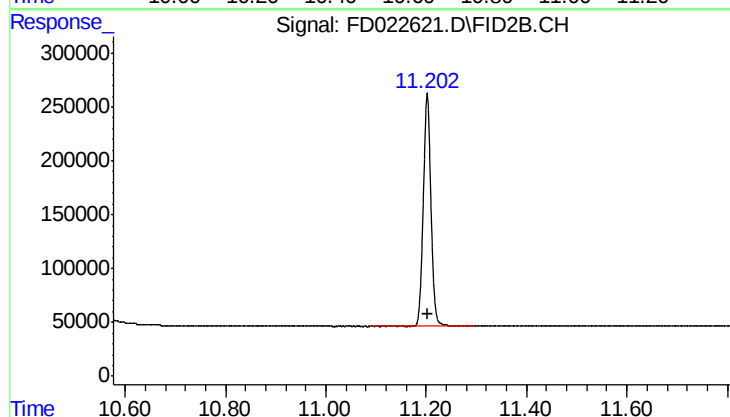
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.009 min
Response: 2314359
Conc: 21.99 ug/ml



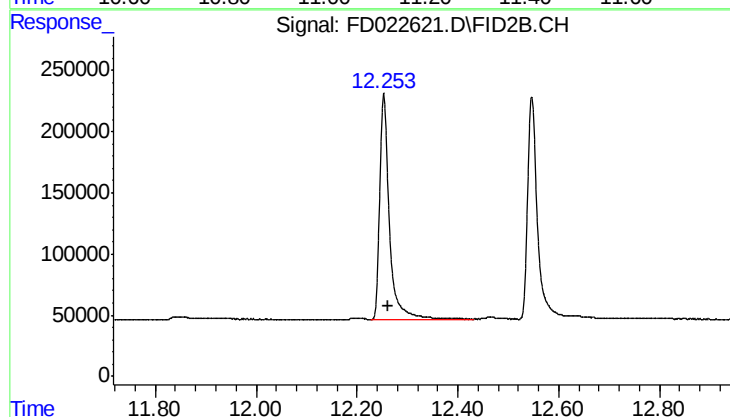
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.011 min
Response: 2325035
Conc: 21.67 ug/ml



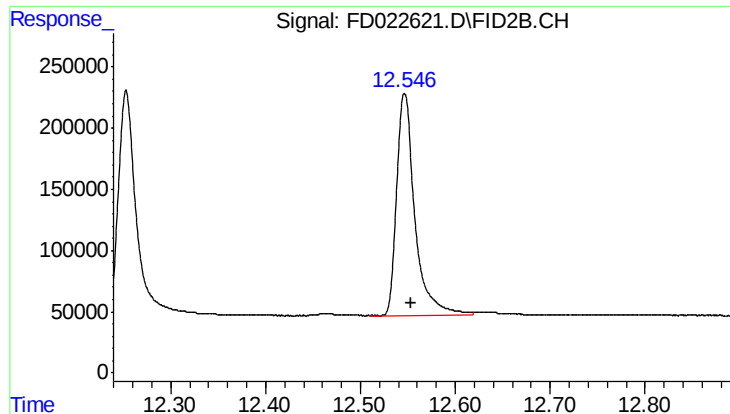
#11 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: -0.002 min
Response: 2284783
Conc: 21.50 ug/ml



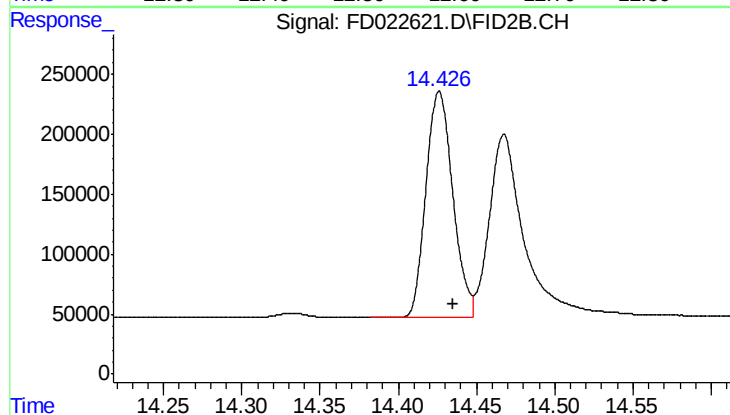
#12 Fluoranthene (C21.85)

R.T.: 12.253 min
Delta R.T.: -0.008 min
Response: 2443051
Conc: 21.55 ug/ml



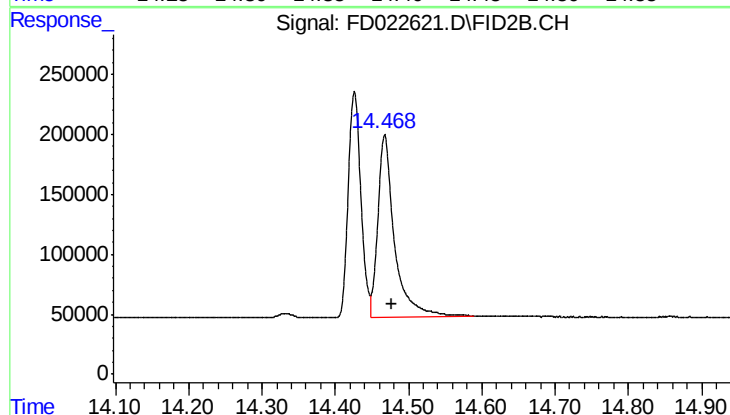
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: -0.007 min
Response: 2435807
Conc: 21.71 ug/ml



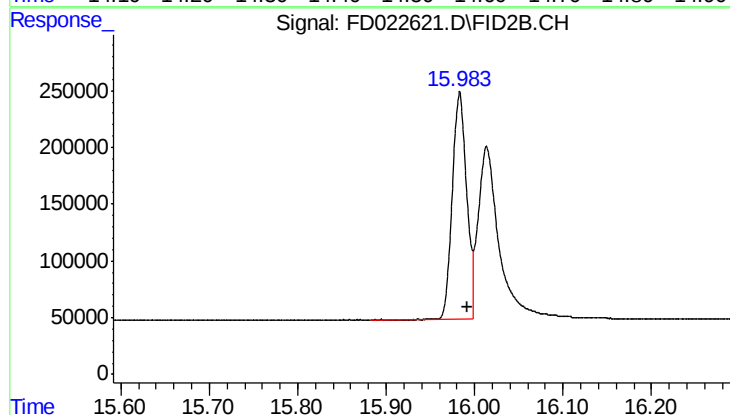
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: -0.009 min
Response: 2250987
Conc: 21.80 ug/ml



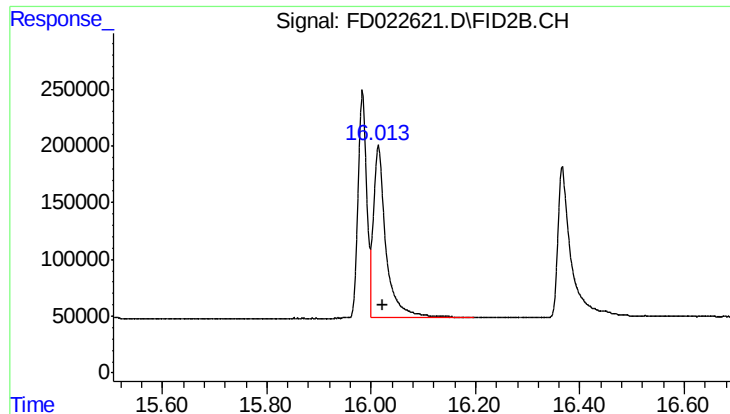
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: -0.010 min
Response: 2385471
Conc: 20.55 ug/ml



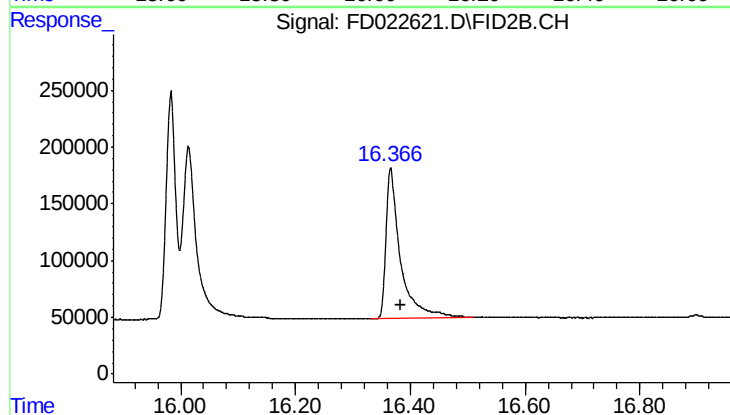
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.983 min
Delta R.T.: -0.009 min
Response: 2252524
Conc: 21.68 ug/ml



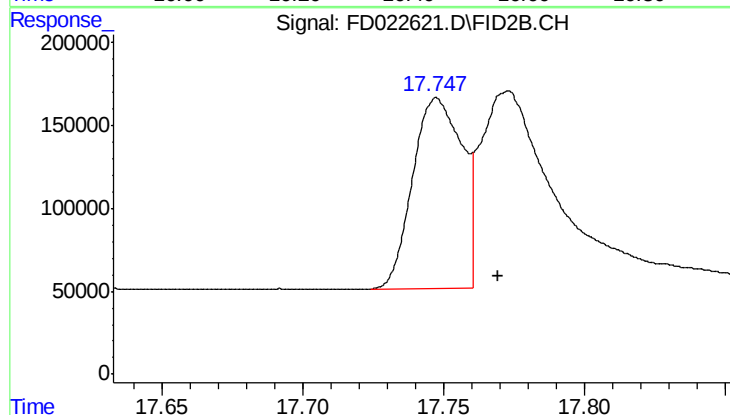
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.014 min
Delta R.T.: -0.009 min
Response: 2577463
Conc: 21.26 ug/ml



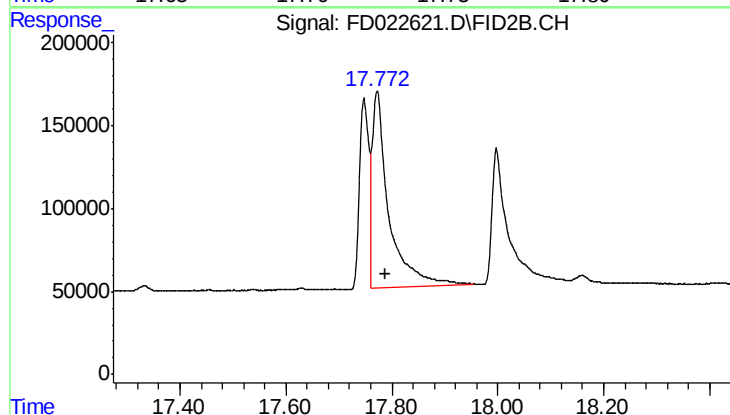
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.366 min
Delta R.T.: -0.017 min
Response: 2289672
Conc: 21.50 ug/ml



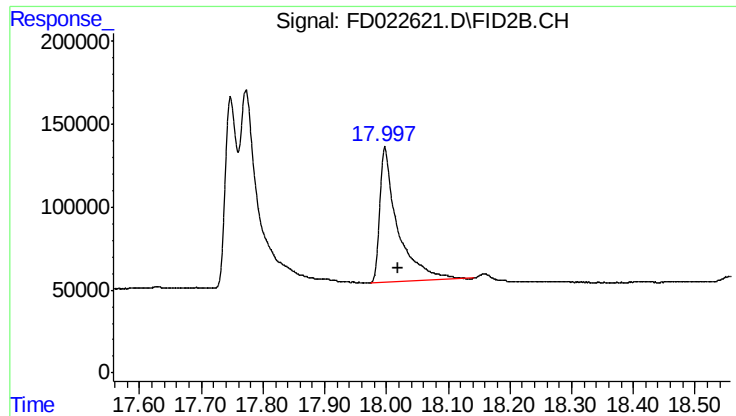
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: -0.022 min
Response: 1432655
Conc: 21.40 ug/ml m



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

R.T.: 17.772 min
Delta R.T.: -0.017 min
Response: 2644449
Conc: 21.76 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.021 min
Response: 1653691
Conc: 20.05 ug/ml