

Data Path : P:\HPCHEM1\FID D\Data\FD033018AR\
 Data File : FD022720.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2018 17:35
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 31 00:13:43 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...	7.317	1851536	21.404 ug/ml
Spiked Amount 50.000		Recovery =	42.81%
6) S 2-Fluorobiphenyl (SURR)	8.178	1187544	22.481 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.96%
11) S ortho-Terphenyl (SURR)	11.196	2319171	21.819 ug/ml
Spiked Amount 50.000		Recovery =	43.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.125	1919898	19.712 ug/ml
2) T Naphthalene (C11.7)	5.657	1953443	21.036 ug/ml
3) T 2-Methylnaphthalene (...)	6.706	1959928	21.322 ug/ml
5) T Acenaphthylene (C15.06)	7.971	2199389	21.810 ug/ml
7) T Acenaphthene (C15.5)	8.263	2410212	21.932 ug/ml
8) T Fluorene (C16.55)	9.046	2240241	22.244 ug/ml
9) T Phenanthrene (C19.36)	10.439	2350792	22.337 ug/ml
10) T Anthracene (C19.43)	10.516	2325170	21.670 ug/ml
12) T Fluoranthene (C21.85)	12.248	2476182	21.845 ug/ml
13) T Pyrene (C20.8)	12.541	2466299	21.978 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.420	2259856	21.883 ug/ml
15) T Chrysene (C27.41)	14.461	2513068	21.645 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.977	2222621	21.391 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.009	2658177	21.930 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.363	2265526	21.275 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.771	2636077	39.367 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.771	2636077	21.691 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.997	1513339	18.352 ug/ml

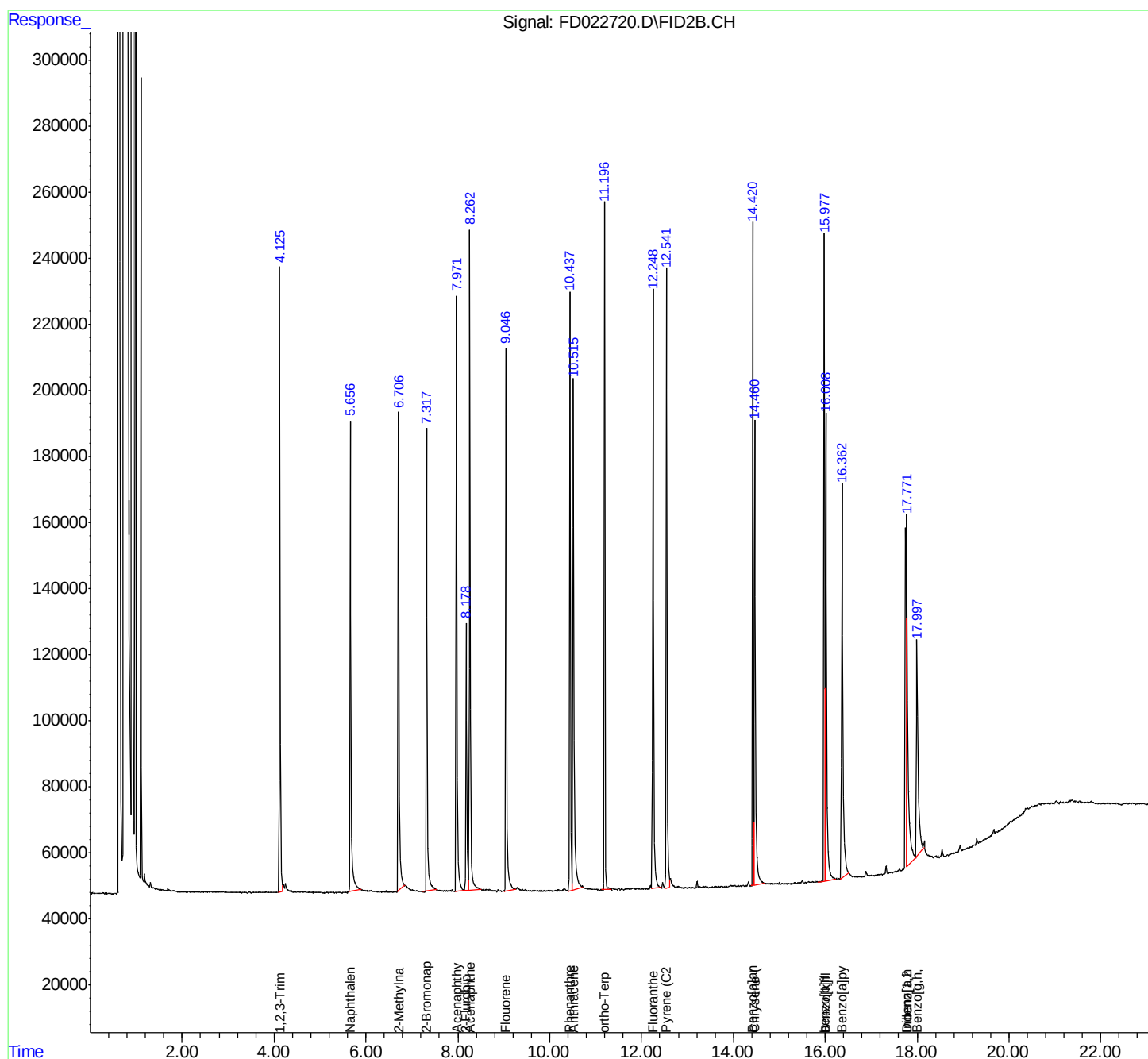
(f)=RT Delta > 1/2 Window

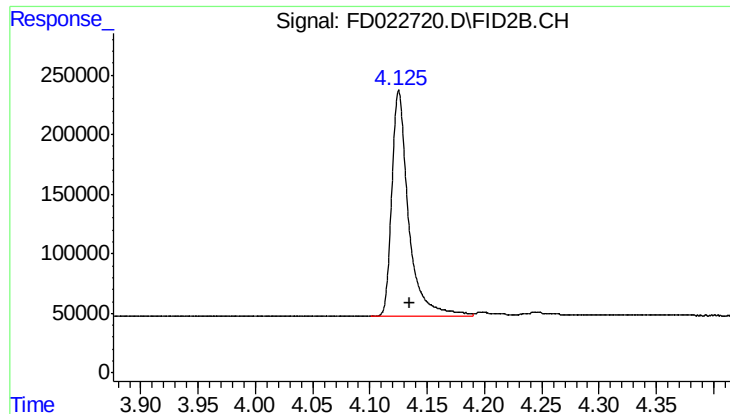
(m)=manual int.

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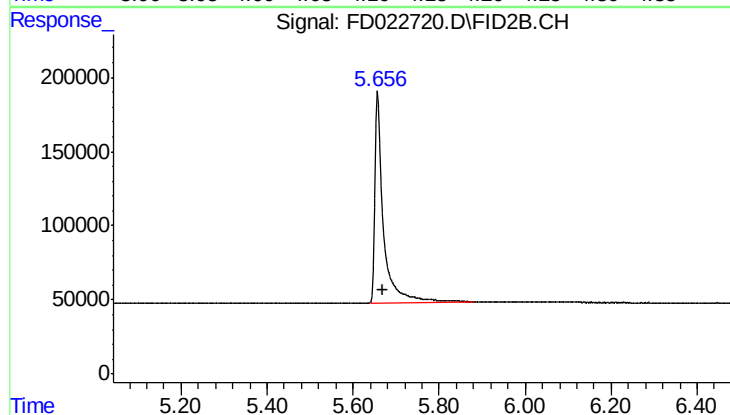
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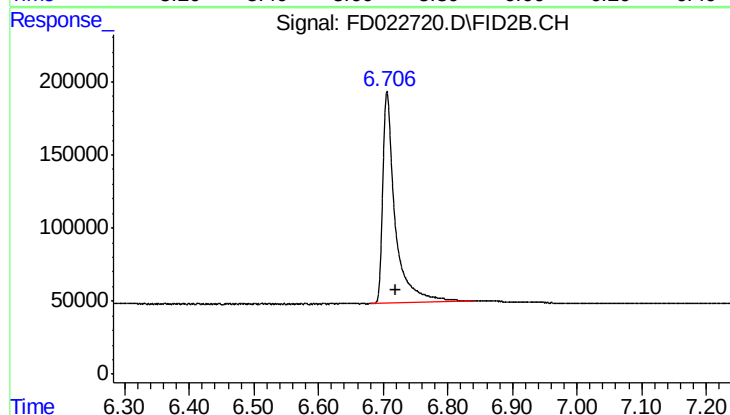
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.125 min
Delta R.T.: -0.009 min
Response: 1919898
Conc: 19.71 ug/ml



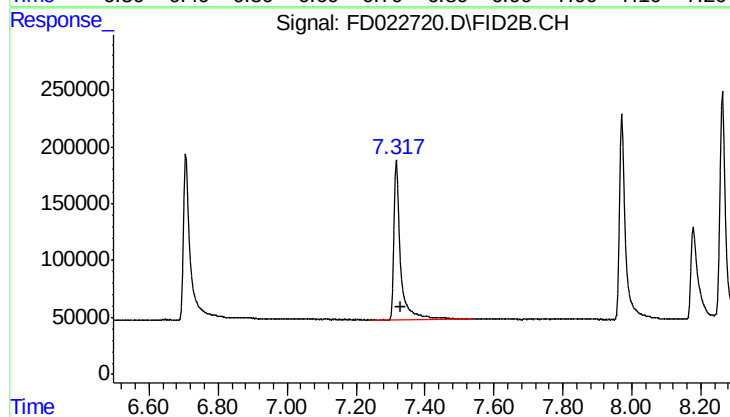
#2 Naphthalene (C11.7)

R.T.: 5.657 min
Delta R.T.: -0.014 min
Response: 1953443
Conc: 21.04 ug/ml



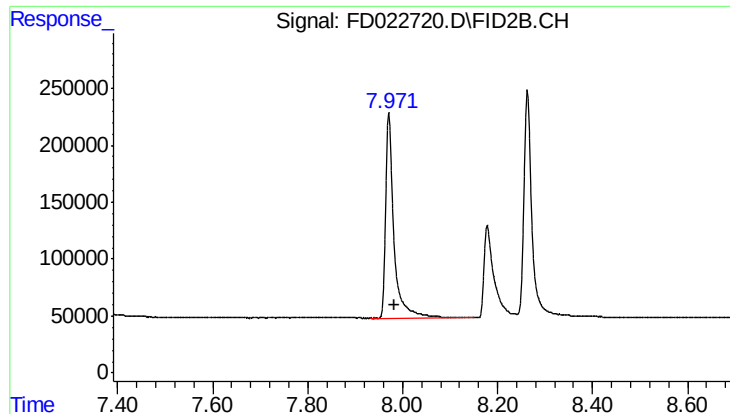
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.706 min
Delta R.T.: -0.014 min
Response: 1959928
Conc: 21.32 ug/ml



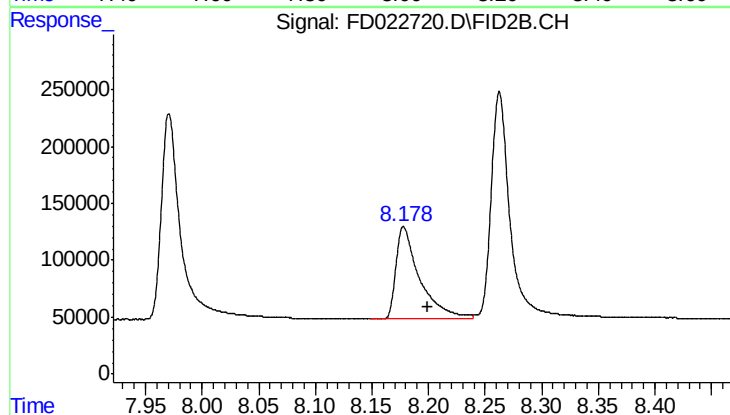
#4 2-Bromonaphthalene (SURR)

R.T.: 7.317 min
Delta R.T.: -0.012 min
Response: 1851536
Conc: 21.40 ug/ml



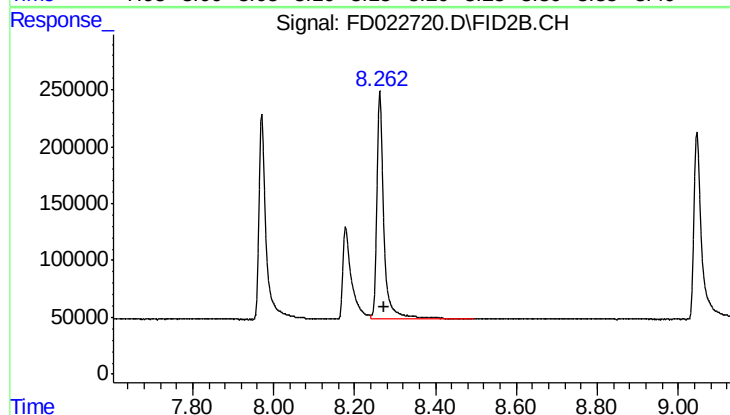
#5 Acenaphthylene (C15.06)

R.T.: 7.971 min
Delta R.T.: -0.012 min
Response: 2199389
Conc: 21.81 ug/ml



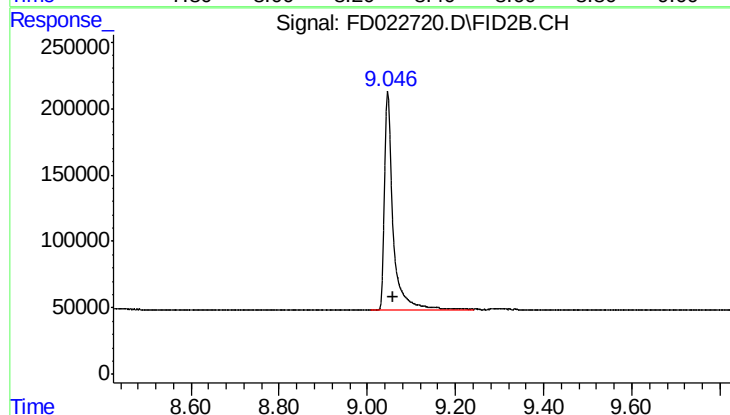
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.178 min
Delta R.T.: -0.021 min
Response: 1187544
Conc: 22.48 ug/ml



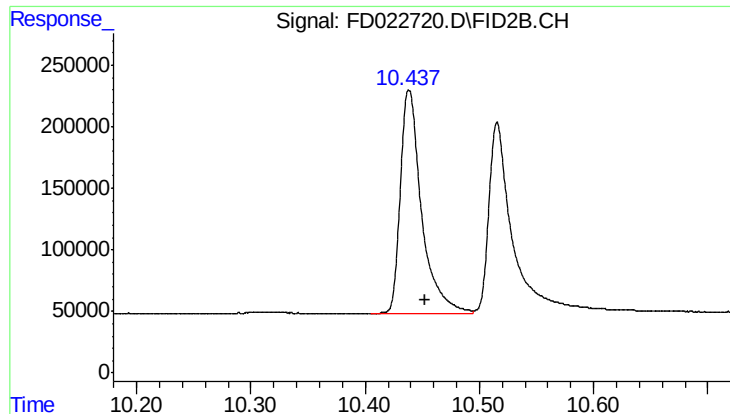
#7 Acenaphthene (C15.5)

R.T.: 8.263 min
Delta R.T.: -0.010 min
Response: 2410212
Conc: 21.93 ug/ml



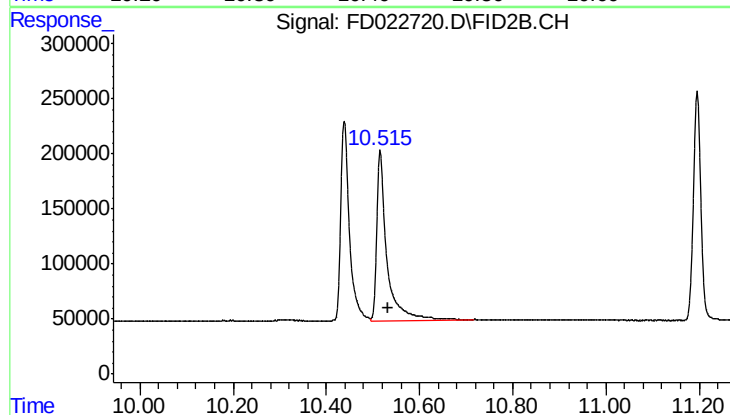
#8 Fluorene (C16.55)

R.T.: 9.046 min
Delta R.T.: -0.013 min
Response: 2240241
Conc: 22.24 ug/ml



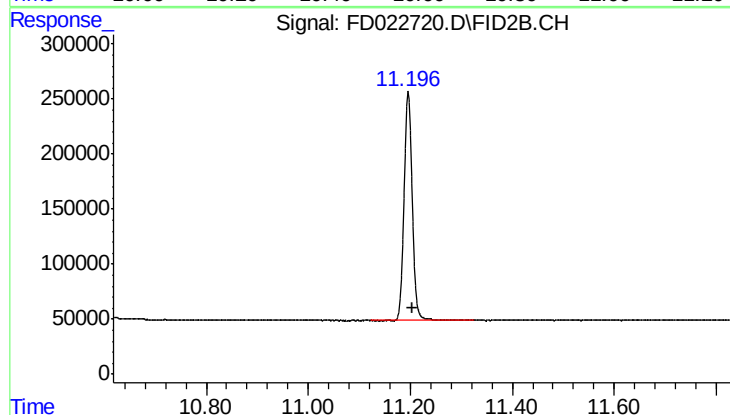
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.014 min
Response: 2350792
Conc: 22.34 ug/ml



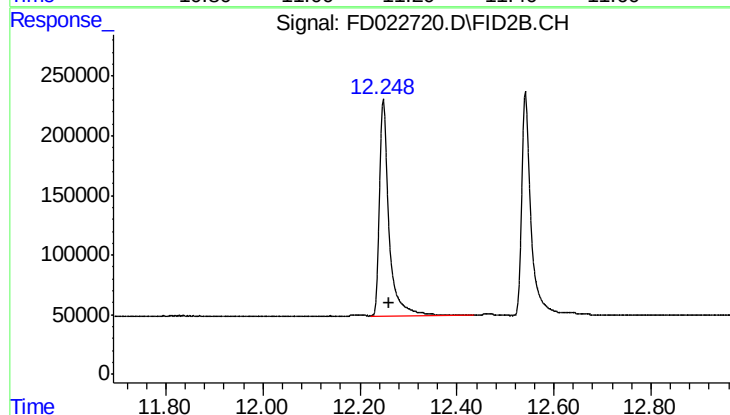
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.016 min
Response: 2325170
Conc: 21.67 ug/ml



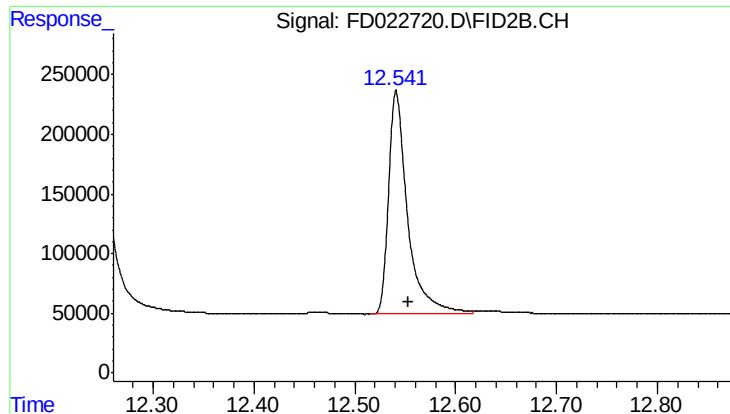
#11 ortho-Terphenyl (SURR)

R.T.: 11.196 min
Delta R.T.: -0.008 min
Response: 2319171
Conc: 21.82 ug/ml



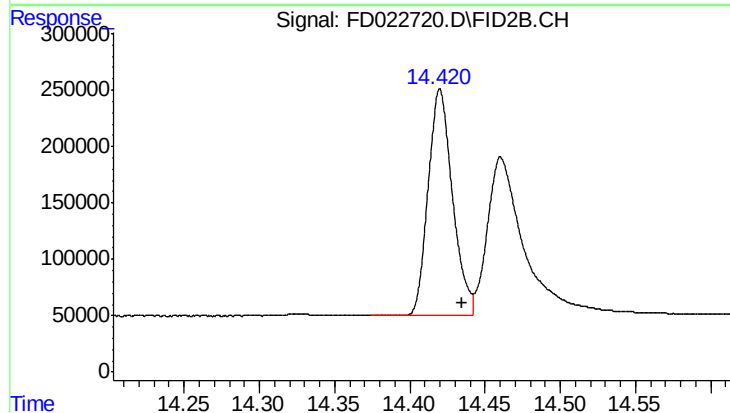
#12 Fluoranthene (C21.85)

R.T.: 12.248 min
Delta R.T.: -0.013 min
Response: 2476182
Conc: 21.85 ug/ml



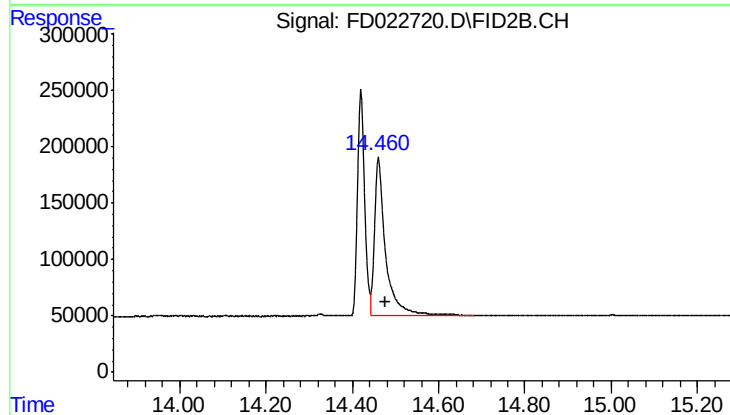
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: -0.012 min
Response: 2466299
Conc: 21.98 ug/ml



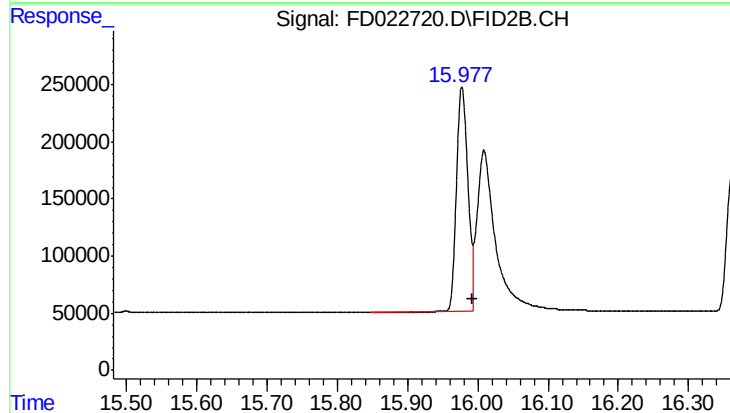
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.015 min
Response: 2259856
Conc: 21.88 ug/ml



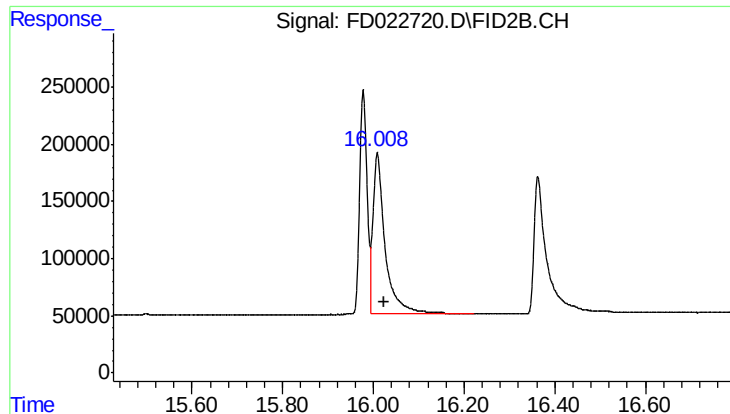
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.017 min
Response: 2513068
Conc: 21.64 ug/ml



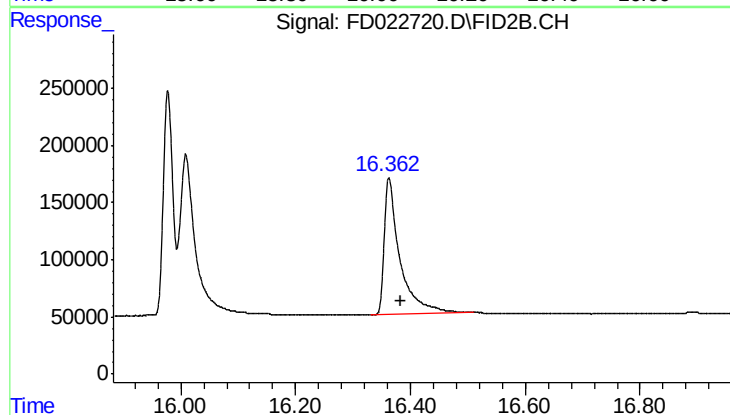
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: -0.015 min
Response: 2222621
Conc: 21.39 ug/ml



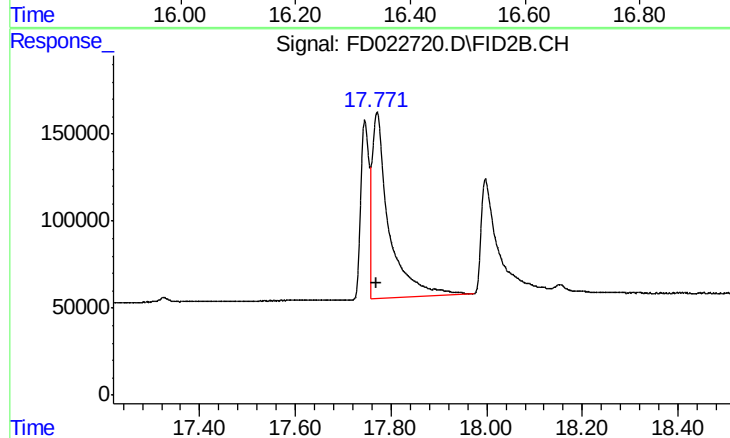
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min
Delta R.T.: -0.014 min
Response: 2658177
Conc: 21.93 ug/ml



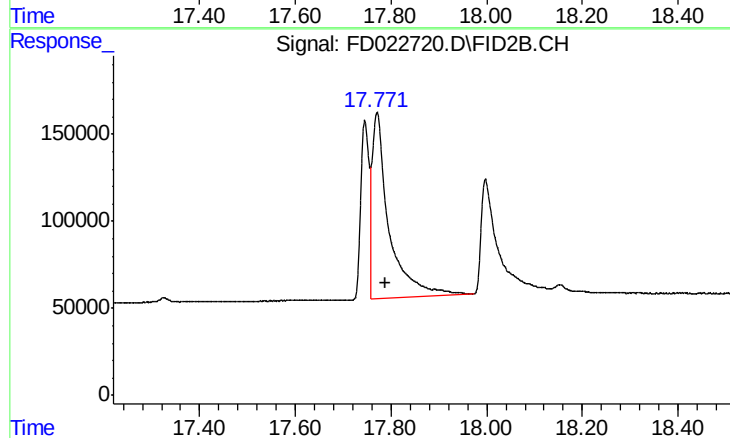
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: -0.020 min
Response: 2265526
Conc: 21.28 ug/ml



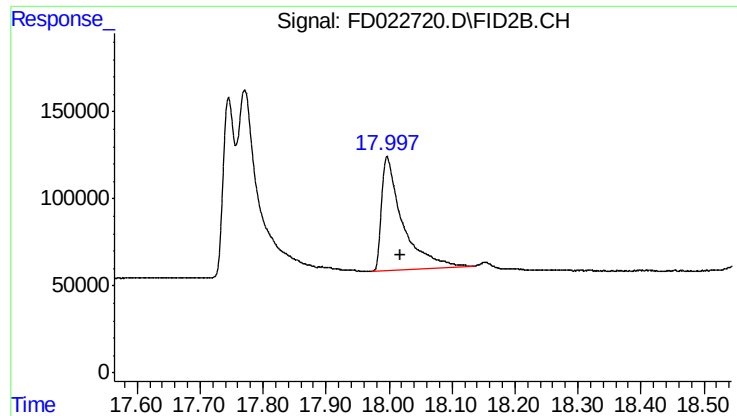
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min
Delta R.T.: 0.002 min
Response: 2636077
Conc: 39.37 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.018 min
Response: 2636077
Conc: 21.69 ug/ml



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

R.T.: 17.997 min
Delta R.T.: -0.022 min
Response: 1513339
Conc: 18.35 ug/ml