

Data Path : P:\HPCHEM1\FID D\Data\FD033018AR\
 Data File : FD022726.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2018 21:19
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 31 00:15:13 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...	7.316	1887545	21.820 ug/ml
Spiked Amount 50.000		Recovery =	43.64%
6) S 2-Fluorobiphenyl (SURR)	8.177	1225209	23.194 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.39%
11) S ortho-Terphenyl (SURR)	11.196	2346450	22.075 ug/ml
Spiked Amount 50.000		Recovery =	44.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.125	1944199	19.962 ug/ml
2) T Naphthalene (C11.7)	5.656	1942782	20.921 ug/ml
3) T 2-Methylnaphthalene (...)	6.705	2008766	21.853 ug/ml
5) T Acenaphthylene (C15.06)	7.971	2241089	22.223 ug/ml
7) T Acenaphthene (C15.5)	8.262	2433351	22.143 ug/ml
8) T Fluorene (C16.55)	9.045	2279745	22.636 ug/ml
9) T Phenanthrene (C19.36)	10.437	2374731	22.564 ug/ml
10) T Anthracene (C19.43)	10.515	2383915	22.217 ug/ml
12) T Fluoranthene (C21.85)	12.248	2523210	22.260 ug/ml
13) T Pyrene (C20.8)	12.542	2505553	22.327 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.420	2328942	22.552 ug/ml
15) T Chrysene (C27.41)	14.461	2551388	21.975 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.978	2306462	22.198 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.009	2675607	22.074 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.363	2340548	21.980 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.770	2737465	40.881 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.770	2737465	22.525 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	17.994	1600122	19.404 ug/ml

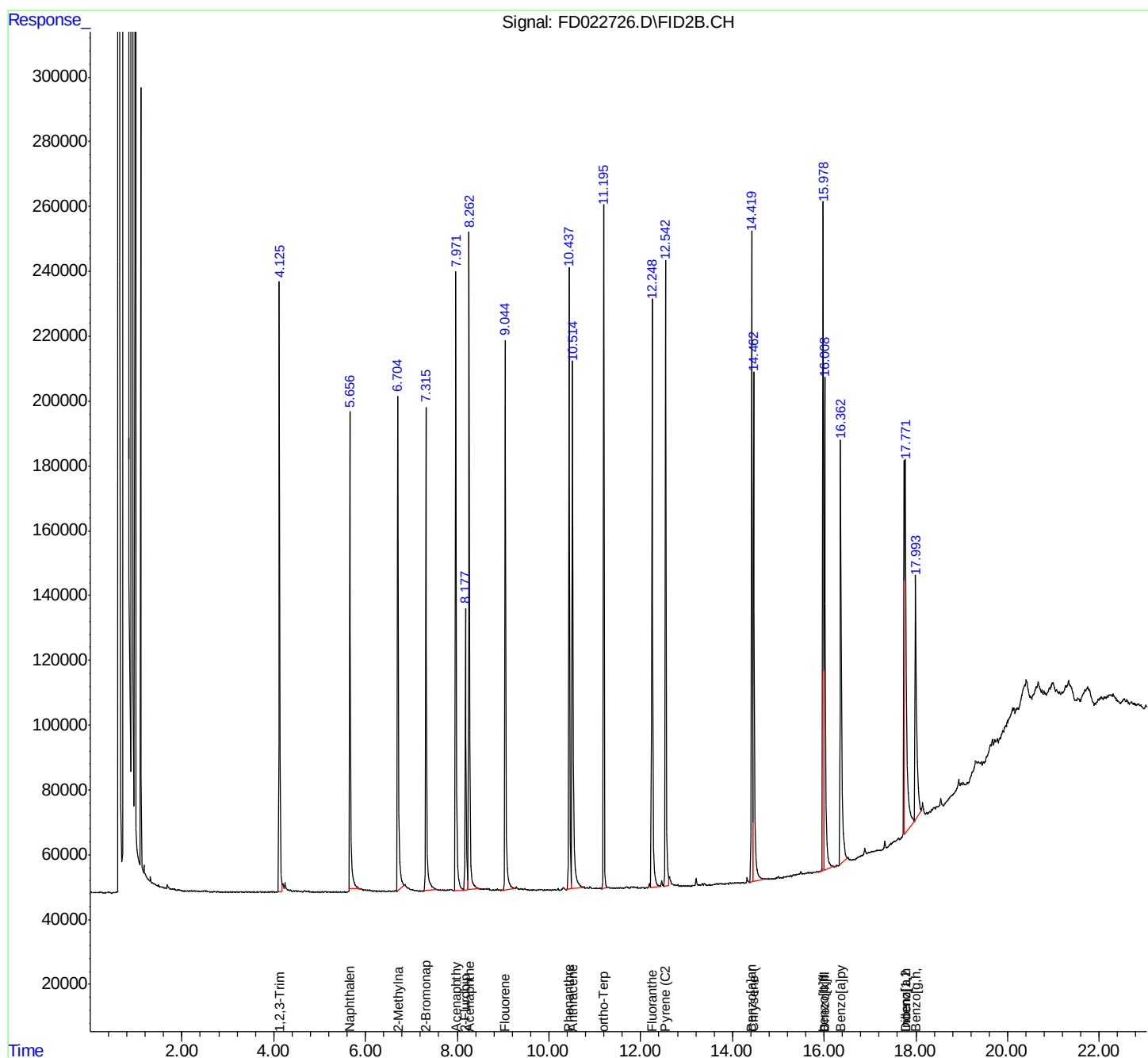
(f)=RT Delta > 1/2 Window

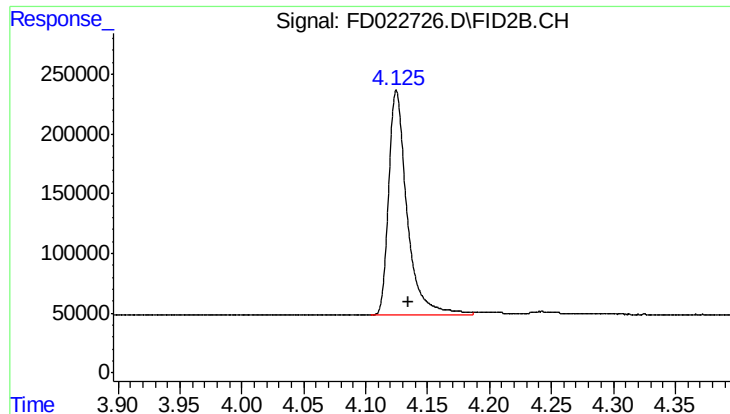
(m)=manual int.

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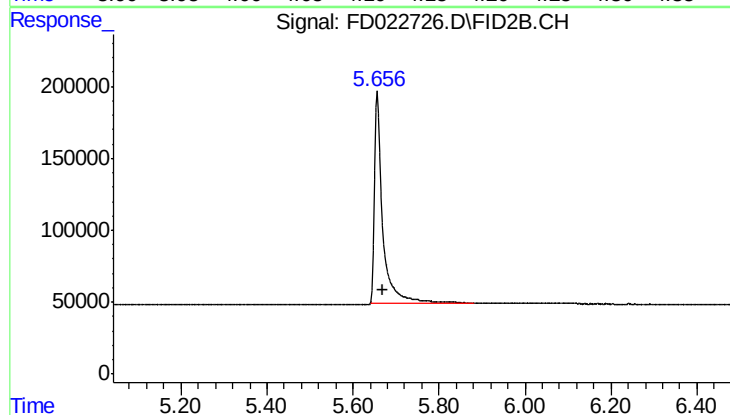
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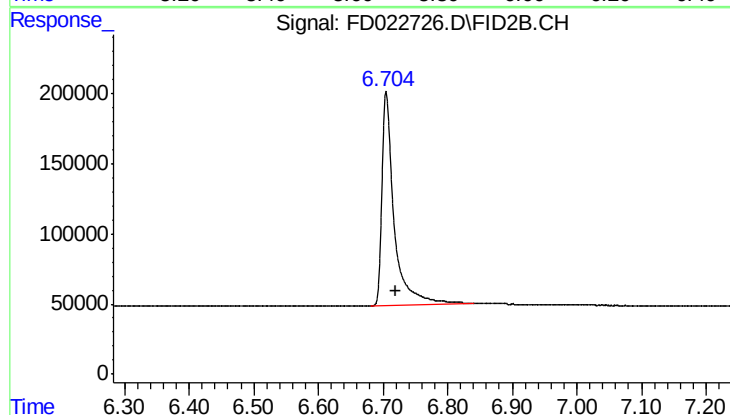
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.125 min
Delta R.T.: -0.009 min
Response: 1944199
Conc: 19.96 ug/ml



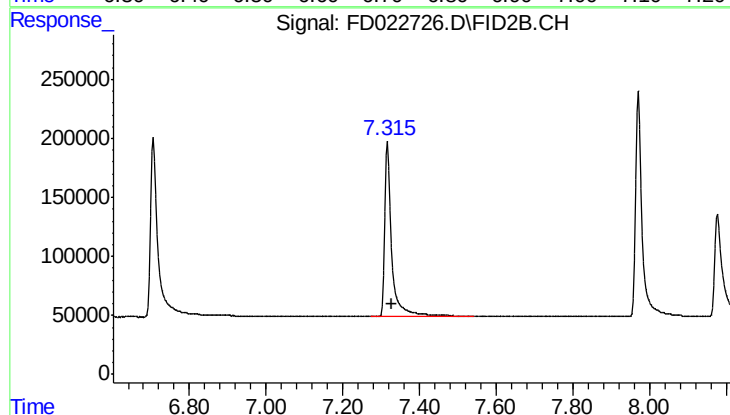
#2 Naphthalene (C11.7)

R.T.: 5.656 min
Delta R.T.: -0.014 min
Response: 1942782
Conc: 20.92 ug/ml



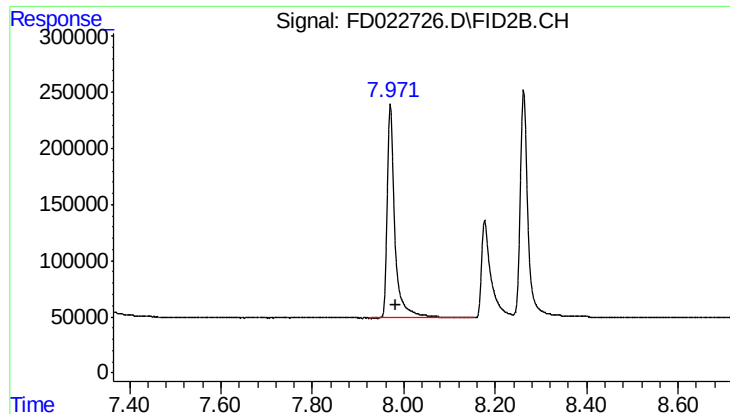
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.705 min
Delta R.T.: -0.015 min
Response: 2008766
Conc: 21.85 ug/ml



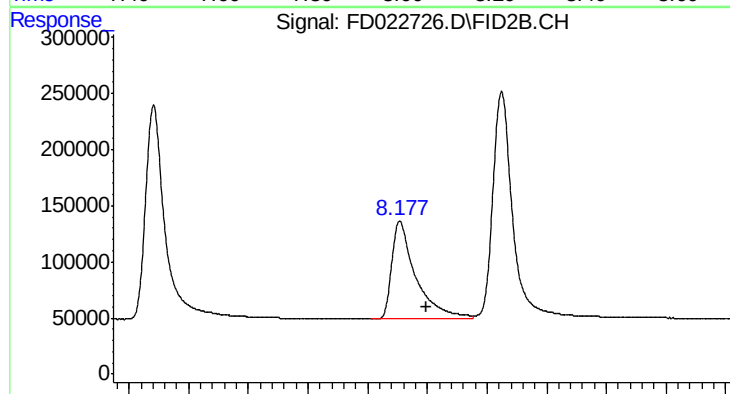
#4 2-Bromonaphthalene (SURR)

R.T.: 7.316 min
Delta R.T.: -0.013 min
Response: 1887545
Conc: 21.82 ug/ml



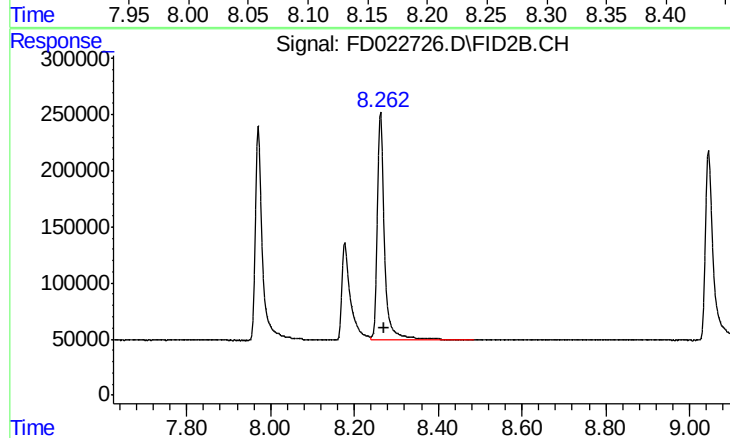
#5 Acenaphthylene (C15.06)

R.T.: 7.971 min
Delta R.T.: -0.012 min
Response: 2241089
Conc: 22.22 ug/ml



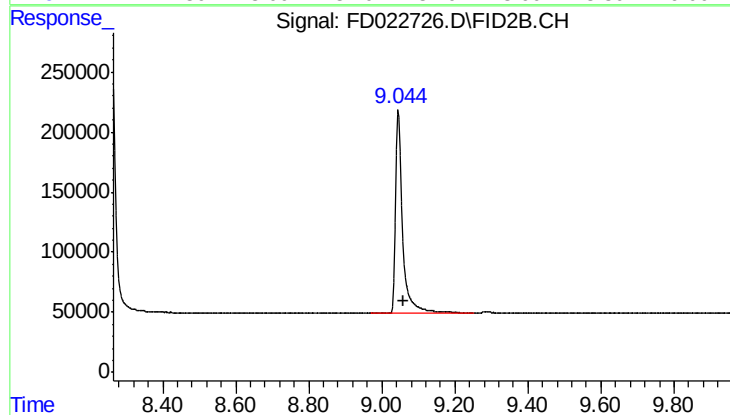
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.177 min
Delta R.T.: -0.022 min
Response: 1225209
Conc: 23.19 ug/ml



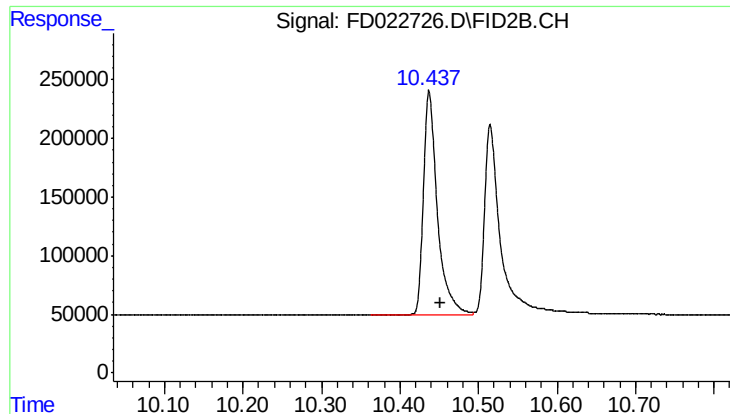
#7 Acenaphthene (C15.5)

R.T.: 8.262 min
Delta R.T.: -0.010 min
Response: 2433351
Conc: 22.14 ug/ml



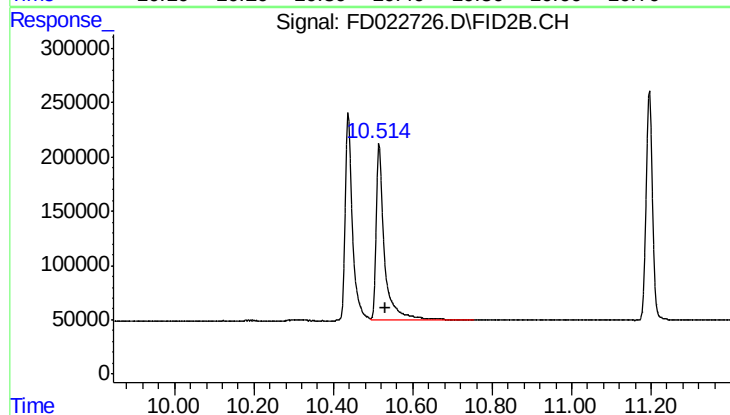
#8 Fluorene (C16.55)

R.T.: 9.045 min
Delta R.T.: -0.015 min
Response: 2279745
Conc: 22.64 ug/ml



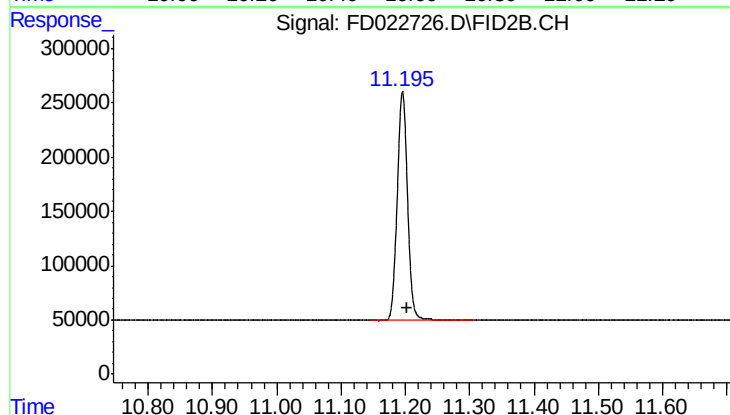
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.015 min
Response: 2374731
Conc: 22.56 ug/ml



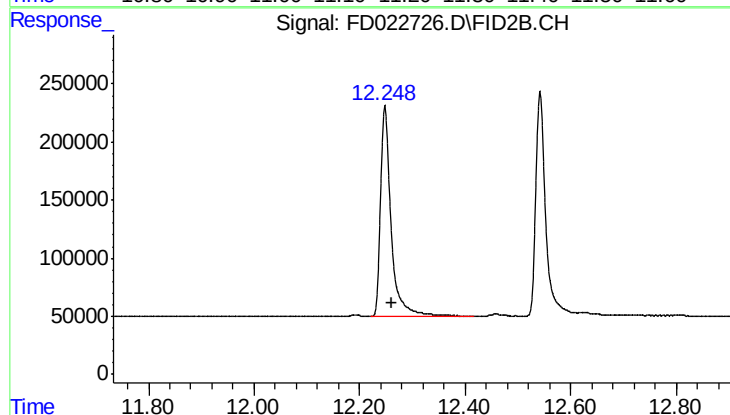
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.017 min
Response: 2383915
Conc: 22.22 ug/ml



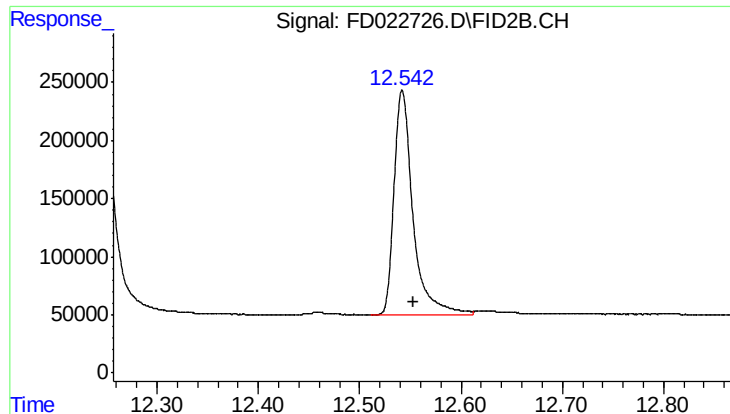
#11 ortho-Terphenyl (SURR)

R.T.: 11.196 min
Delta R.T.: -0.008 min
Response: 2346450
Conc: 22.08 ug/ml



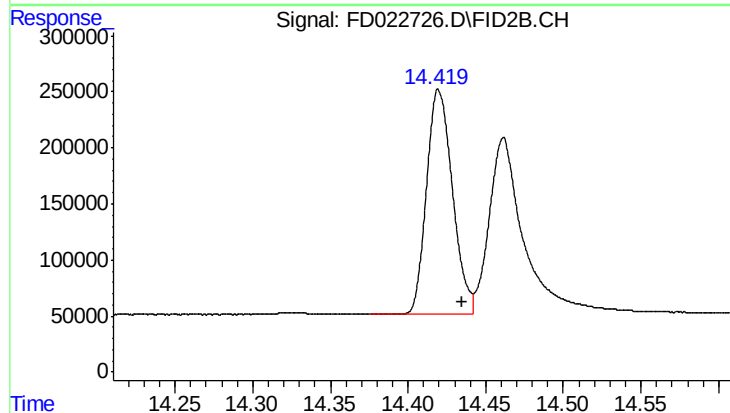
#12 Fluoranthene (C21.85)

R.T.: 12.248 min
Delta R.T.: -0.013 min
Response: 2523210
Conc: 22.26 ug/ml



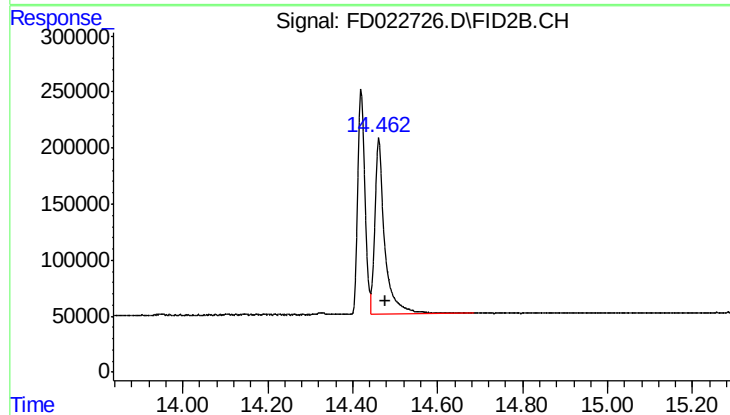
#13 Pyrene (C20.8)

R.T.: 12.542 min
Delta R.T.: -0.011 min
Response: 2505553
Conc: 22.33 ug/ml



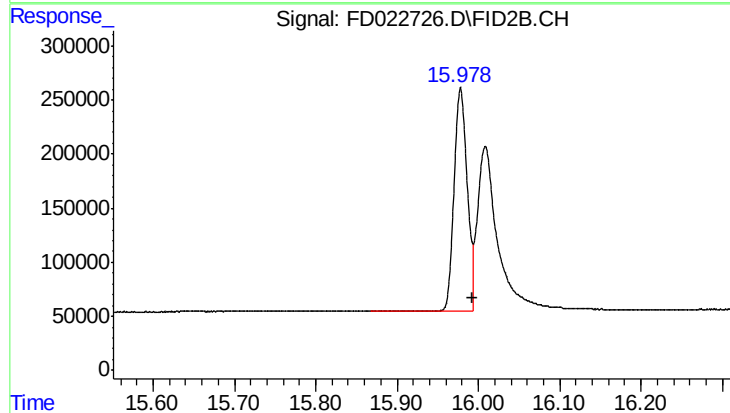
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.015 min
Response: 2328942
Conc: 22.55 ug/ml



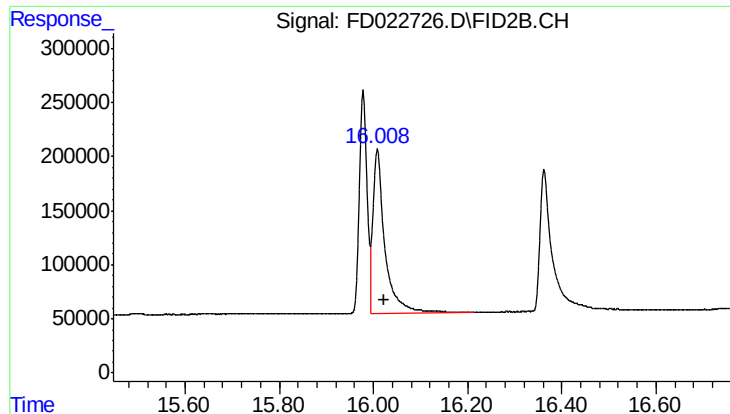
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.016 min
Response: 2551388
Conc: 21.97 ug/ml



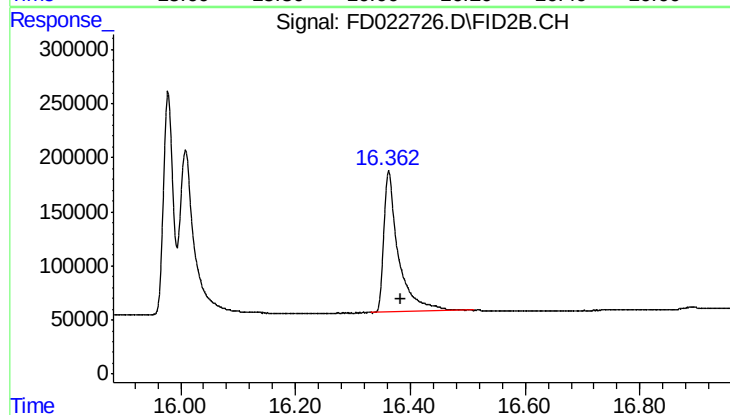
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.978 min
Delta R.T.: -0.014 min
Response: 2306462
Conc: 22.20 ug/ml



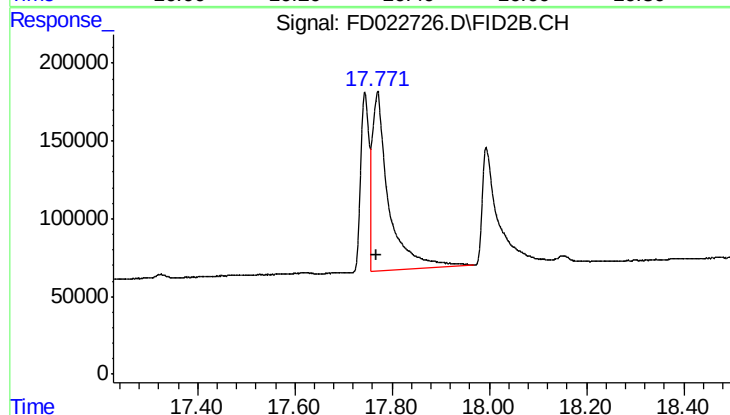
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min
Delta R.T.: -0.014 min
Response: 2675607
Conc: 22.07 ug/ml



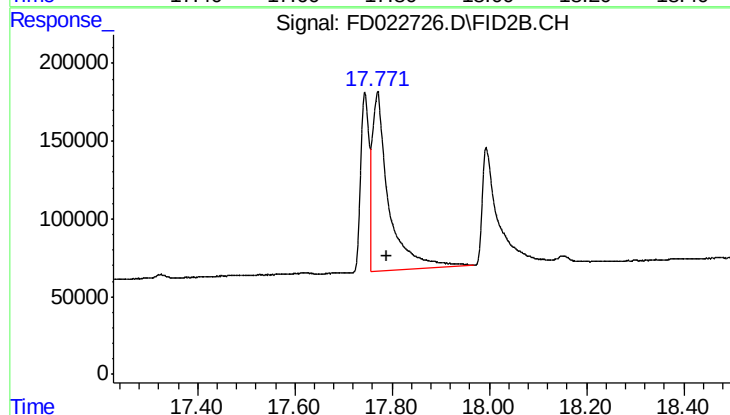
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: -0.020 min
Response: 2340548
Conc: 21.98 ug/ml



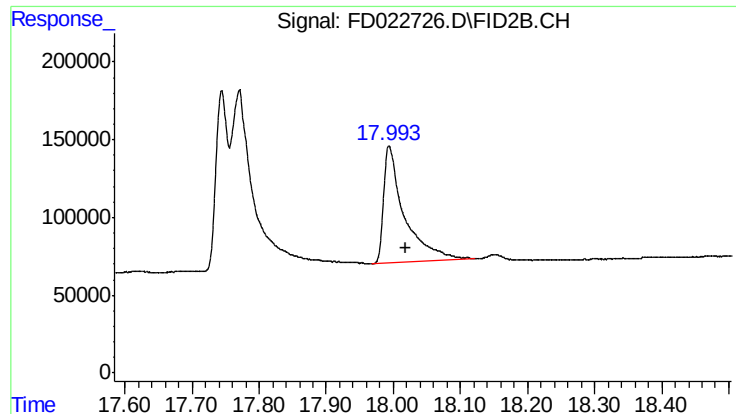
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.770 min
Delta R.T.: 0.002 min
Response: 2737465
Conc: 40.88 ug/ml



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

R.T.: 17.770 min
Delta R.T.: -0.019 min
Response: 2737465
Conc: 22.53 ug/ml



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

R.T.: 17.994 min
Delta R.T.: -0.025 min
Response: 1600122
Conc: 19.40 ug/ml