

Data Path : P:\HPCHEM1\FID D\Data\FD031118AR\
 Data File : FD022470.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2018 13:06
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 01:16:27 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.329	1762182	21.034 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
6) S 2-Fluorobiphenyl (SURR)	8.188	1043435	20.639 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.28%
11) S ortho-Terphenyl (SURR)	11.210	2130719	22.452 ug/ml
Spiked Amount 50.000		Recovery =	44.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.137	1960651	22.202 ug/ml
2) T Naphthalene (C11.7)	5.668	1919991	21.464 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	1873976	20.634 ug/ml
5) T Acenaphthylene (C15.06)	7.984	2022072	21.114 ug/ml
7) T Acenaphthene (C15.5)	8.276	1473148	14.381 ug/ml
8) T Fluorene (C16.55)	9.059	2059546	21.965 ug/ml
9) T Phenanthrene (C19.36)	10.451	2145289	23.025 ug/ml
10) T Anthracene (C19.43)	10.527	2126047	22.420 ug/ml
12) T Fluoranthene (C21.85)	12.261	2301073	22.941 ug/ml
13) T Pyrene (C20.8)	12.554	2293549	22.575 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.474	2351182	24.382 ug/ml
15) T Chrysene (C27.41)	14.474	2351182	21.784 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.019	2427359	24.146 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.019	2427359	21.391 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.371	2155636	20.512 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.778	2651383	27.829 ug/ml
20) T Dibenzo[<i>a,h</i>]anthracene...	17.778	2651383	23.332 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.000	1860674	17.915 ug/ml

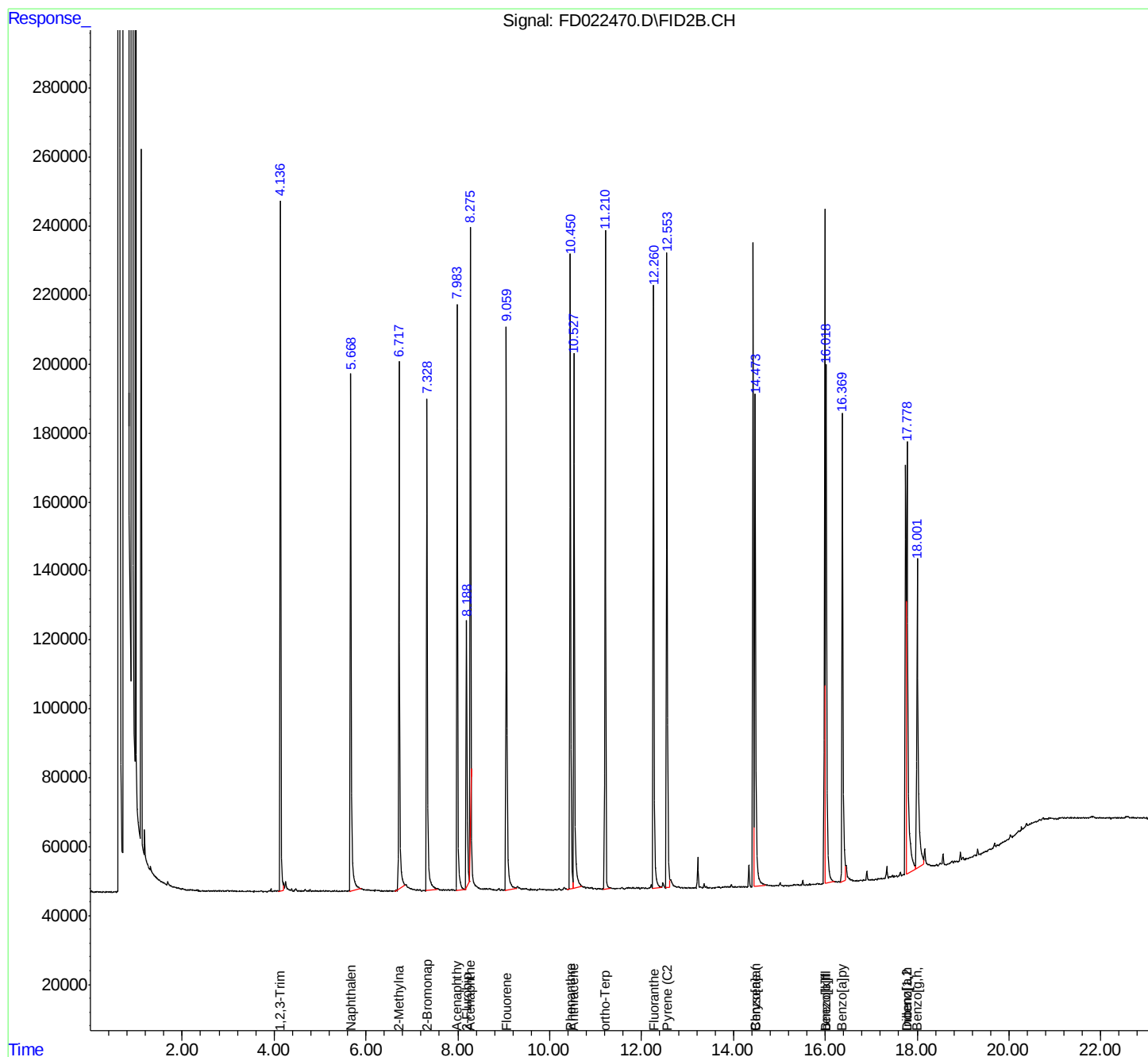
(f)=RT Delta > 1/2 Window

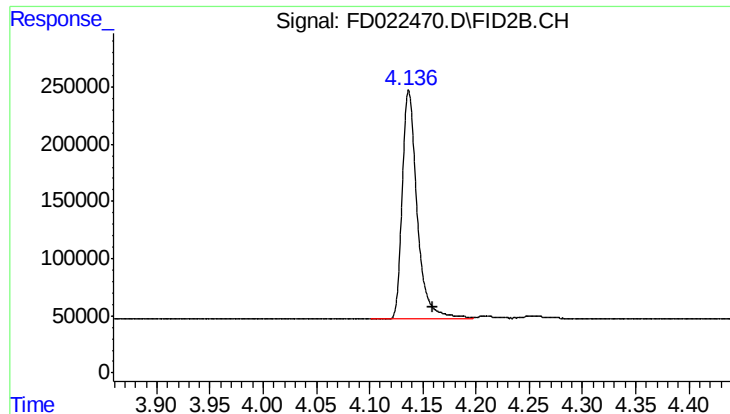
(m)=manual int.

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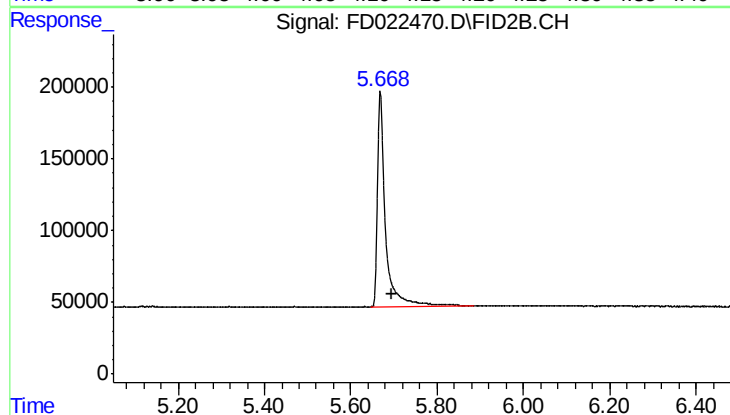
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Signal Info : 20M x 0.18mm x 0.18µm





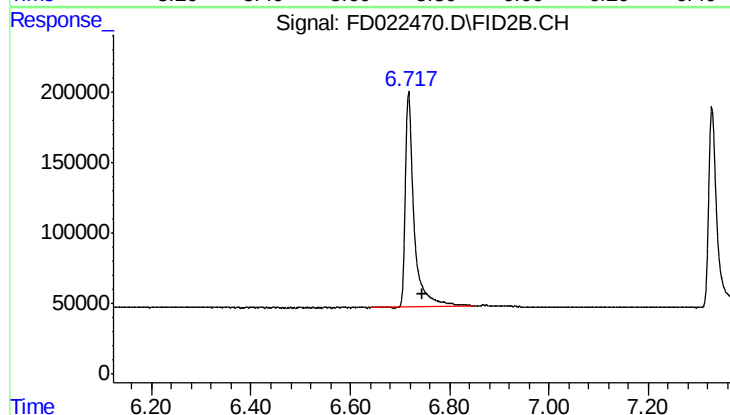
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.137 min
Delta R.T.: -0.023 min
Response: 1960651
Conc: 22.20 ug/ml



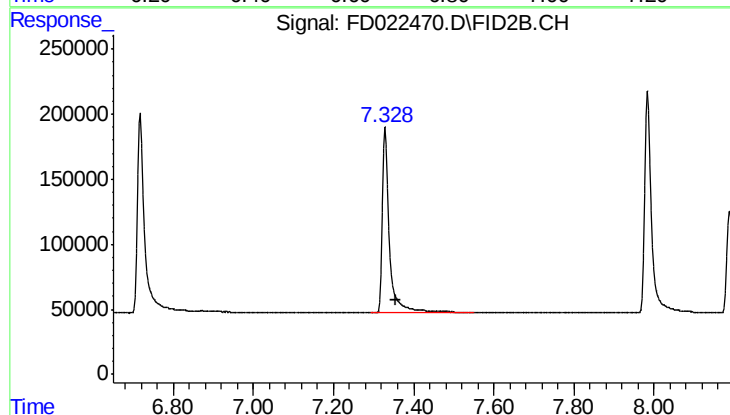
#2 Naphthalene (C11.7)

R.T.: 5.668 min
Delta R.T.: -0.028 min
Response: 1919991
Conc: 21.46 ug/ml



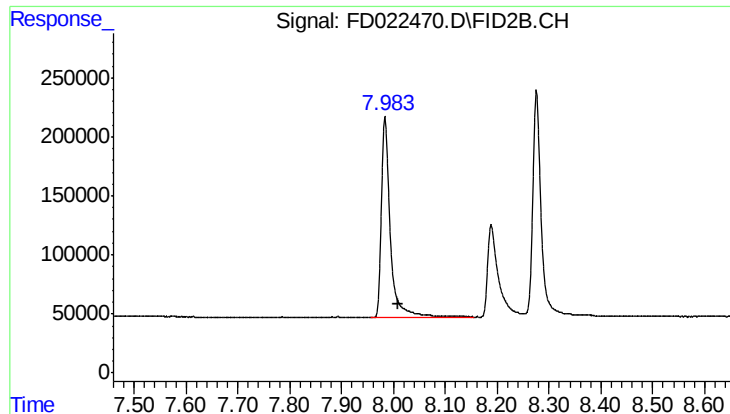
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.028 min
Response: 1873976
Conc: 20.63 ug/ml



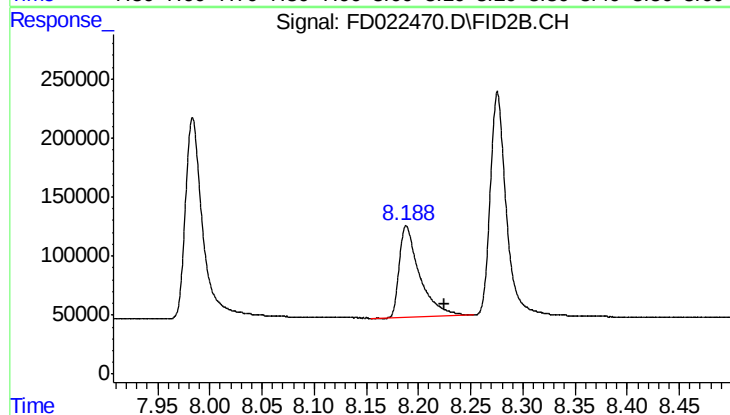
#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.027 min
Response: 1762182
Conc: 21.03 ug/ml



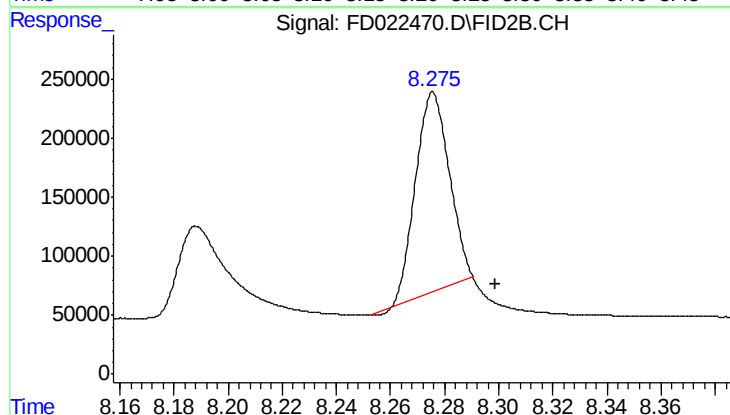
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.025 min
Response: 2022072
Conc: 21.11 ug/ml



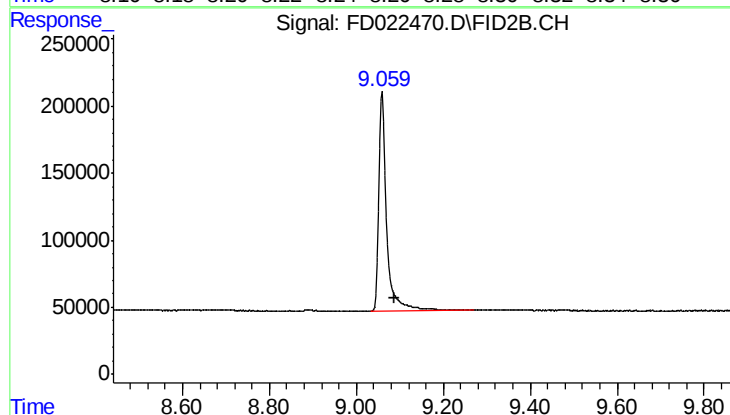
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.188 min
Delta R.T.: -0.036 min
Response: 1043435
Conc: 20.64 ug/ml



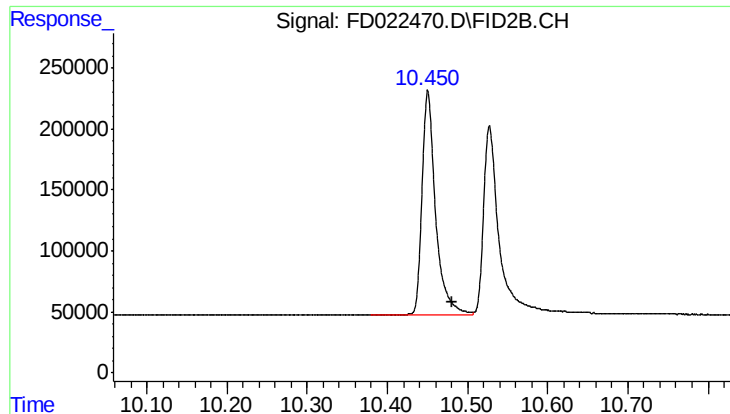
#7 Acenaphthene (C15.5)

R.T.: 8.276 min
Delta R.T.: -0.023 min
Response: 1473148
Conc: 14.38 ug/ml



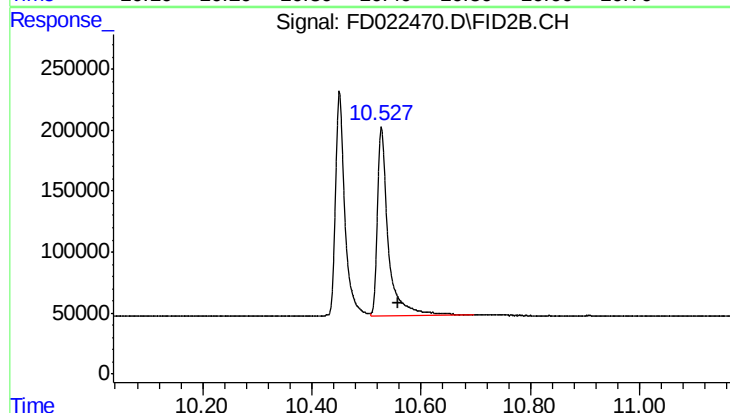
#8 Fluorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.028 min
Response: 2059546
Conc: 21.96 ug/ml



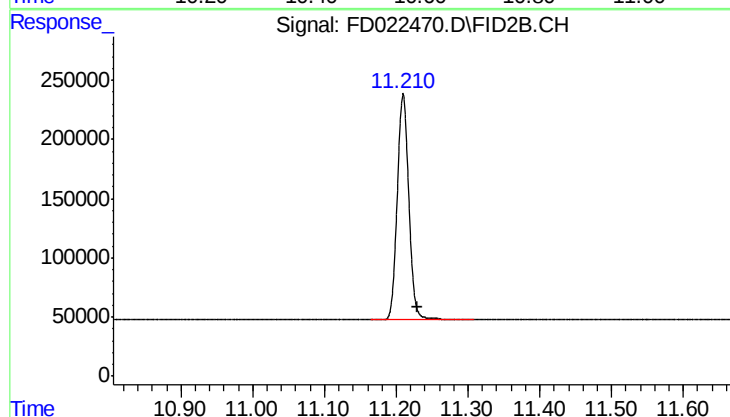
#9 Phenanthrene (C19.36)

R.T.: 10.451 min
Delta R.T.: -0.029 min
Response: 2145289
Conc: 23.03 ug/ml



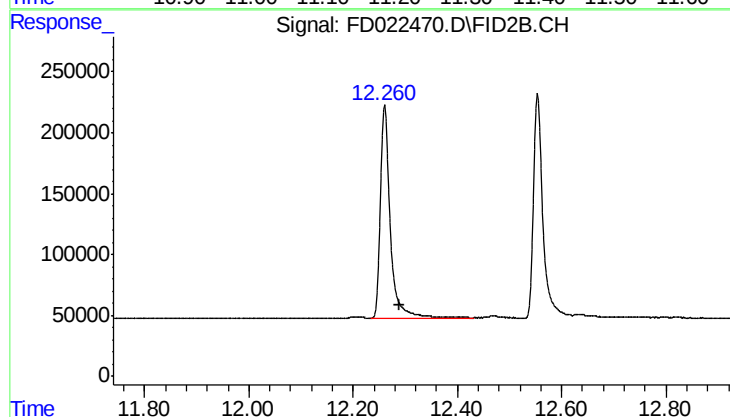
#10 Anthracene (C19.43)

R.T.: 10.527 min
Delta R.T.: -0.032 min
Response: 2126047
Conc: 22.42 ug/ml



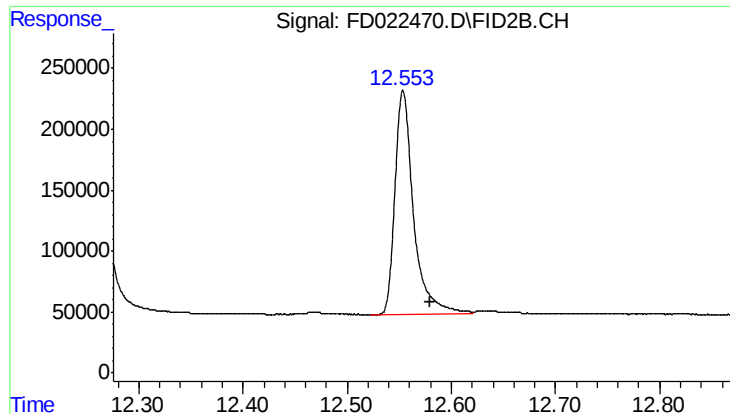
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min
Delta R.T.: -0.021 min
Response: 2130719
Conc: 22.45 ug/ml



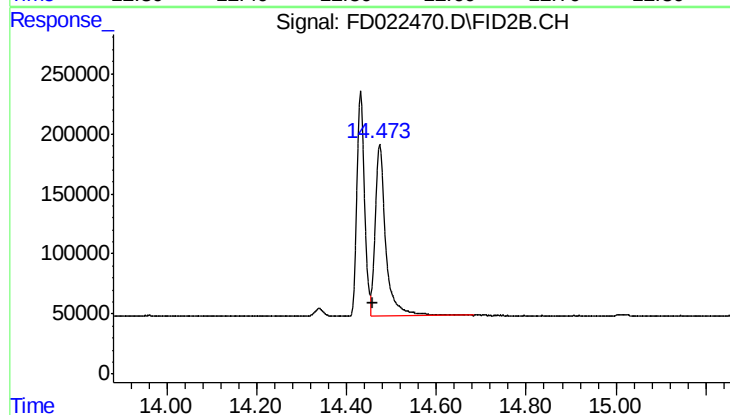
#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.027 min
Response: 2301073
Conc: 22.94 ug/ml



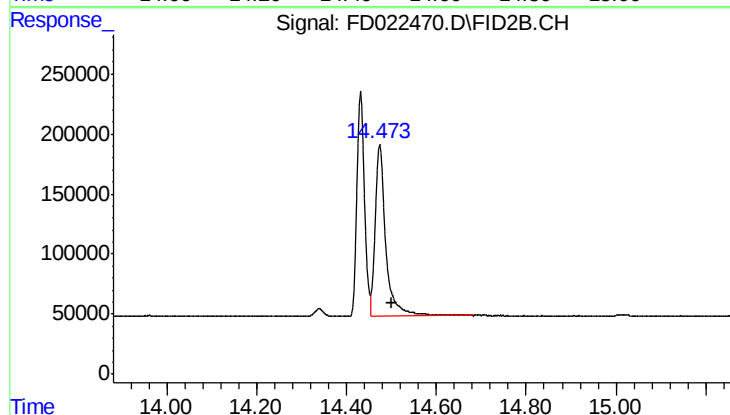
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.026 min
Response: 2293549
Conc: 22.57 ug/ml



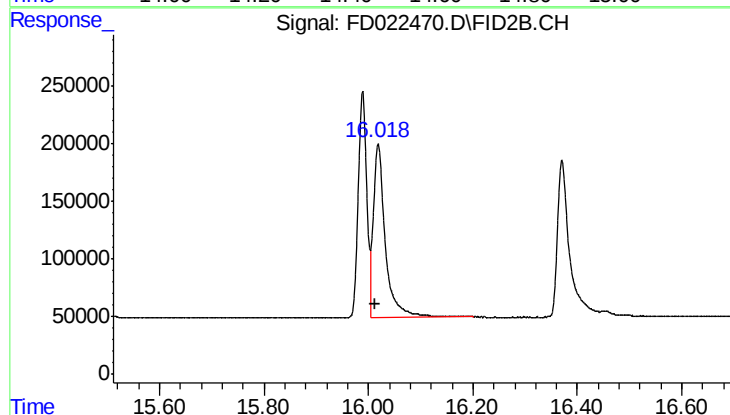
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: 0.015 min
Response: 2351182
Conc: 24.38 ug/ml



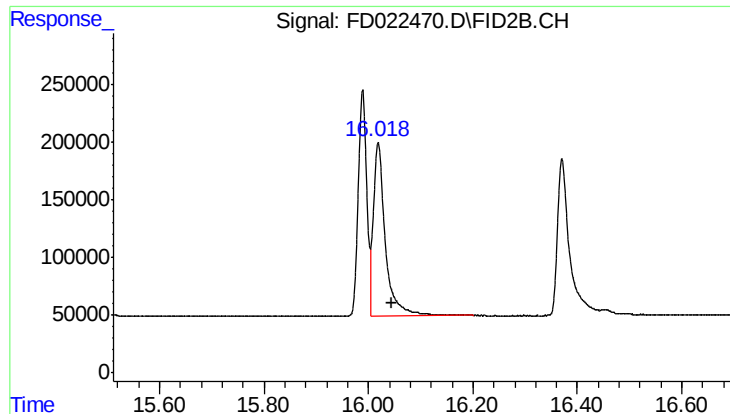
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.026 min
Response: 2351182
Conc: 21.78 ug/ml



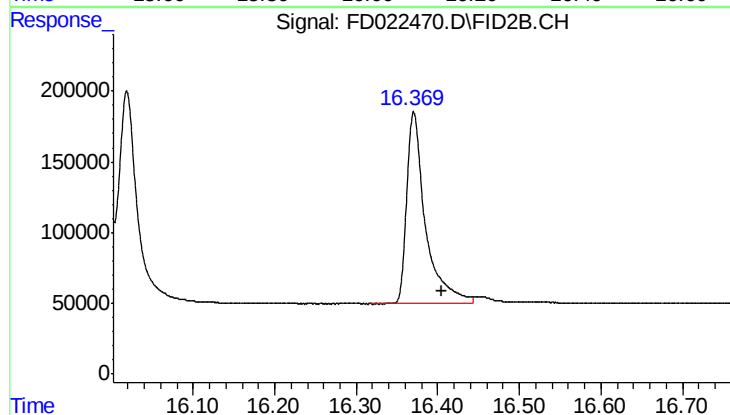
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.019 min
Delta R.T.: 0.007 min
Response: 2427359
Conc: 24.15 ug/ml



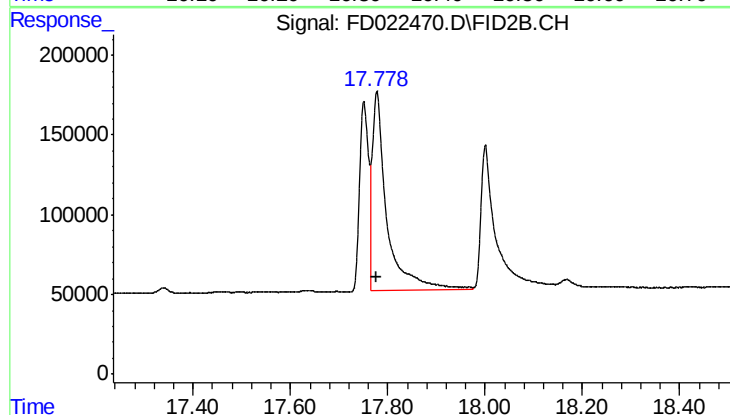
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.019 min
Delta R.T.: -0.027 min
Response: 2427359
Conc: 21.39 ug/ml



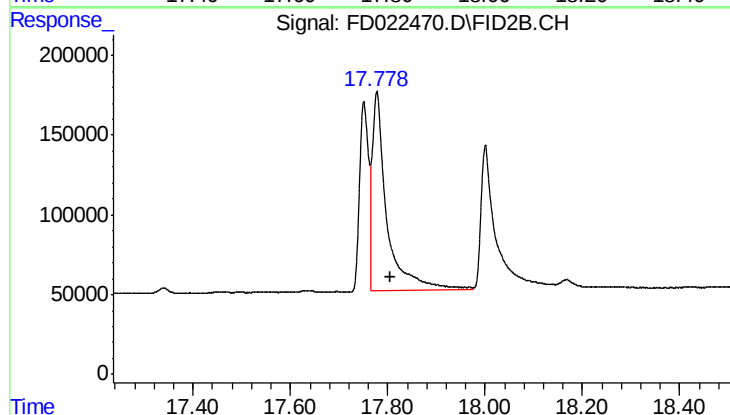
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.034 min
Response: 2155636
Conc: 20.51 ug/ml



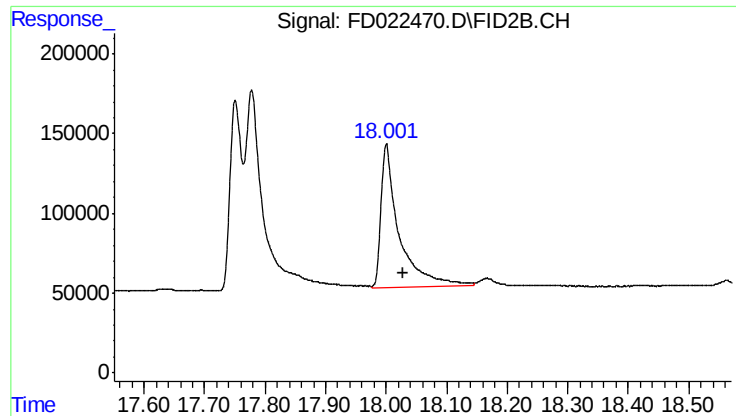
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 2651383
Conc: 27.83 ug/ml



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

R.T.: 17.778 min
Delta R.T.: -0.027 min
Response: 2651383
Conc: 23.33 ug/ml



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

R.T.: 18.000 min
Delta R.T.: -0.027 min
Response: 1860674
Conc: 17.91 ug/ml