

Data Path : P:\HPCHEM1\FID D\Data\FD041918AR\
 Data File : FD023111.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2018 8:06
 Operator : UA/AJ
 Sample : PB108347BS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 09:49:41 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 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...	7.291	4462084	32.902 ug/ml
Spiked Amount 50.000		Recovery =	65.80%
6) S 2-Fluorobiphenyl (SURR)	8.152	2760445	38.734 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.47%
11) S ortho-Terphenyl (SURR)	11.172	4256575	30.446 ug/ml
Spiked Amount 50.000		Recovery =	60.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.102	3508172	25.168 ug/ml
2) T Naphthalene (C11.7)	5.631	3883480	28.374 ug/ml
3) T 2-Methylnaphthalene (...)	6.680	4044369	29.628 ug/ml
5) T Acenaphthylene (C15.06)	7.946	4255199	29.114 ug/ml
7) T Acenaphthene (C15.5)	8.238	4673275	27.663 ug/ml
8) T Fluorene (C16.55)	9.022	4520108	31.565 ug/ml
9) T Phenanthrene (C19.36)	10.414	4721973	35.576 ug/ml
10) T Anthracene (C19.43)	10.491	4762077	34.034 ug/ml
12) T Fluoranthene (C21.85)	12.225	4859160	35.376 ug/ml
13) T Pyrene (C20.8)	12.518	4660002	33.013 ug/ml
14) T Benzo[alanthracene (C...	14.439	6185983	49.793 ug/ml
15) T Chrysene (C27.41)	14.439	6185983	39.956 ug/ml
16) T benzo[b]fluoranthene ...	15.988	5399159	40.053 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	5399159	32.720 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.417	1486887	10.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	5455867	42.043 ug/ml
20) T Dibenz[a,h]anthracene...	17.742	5455867	32.799 ug/ml
21) T Benzo[a,h,i]pervlene ...	17.965	4932535	33.279 ug/ml

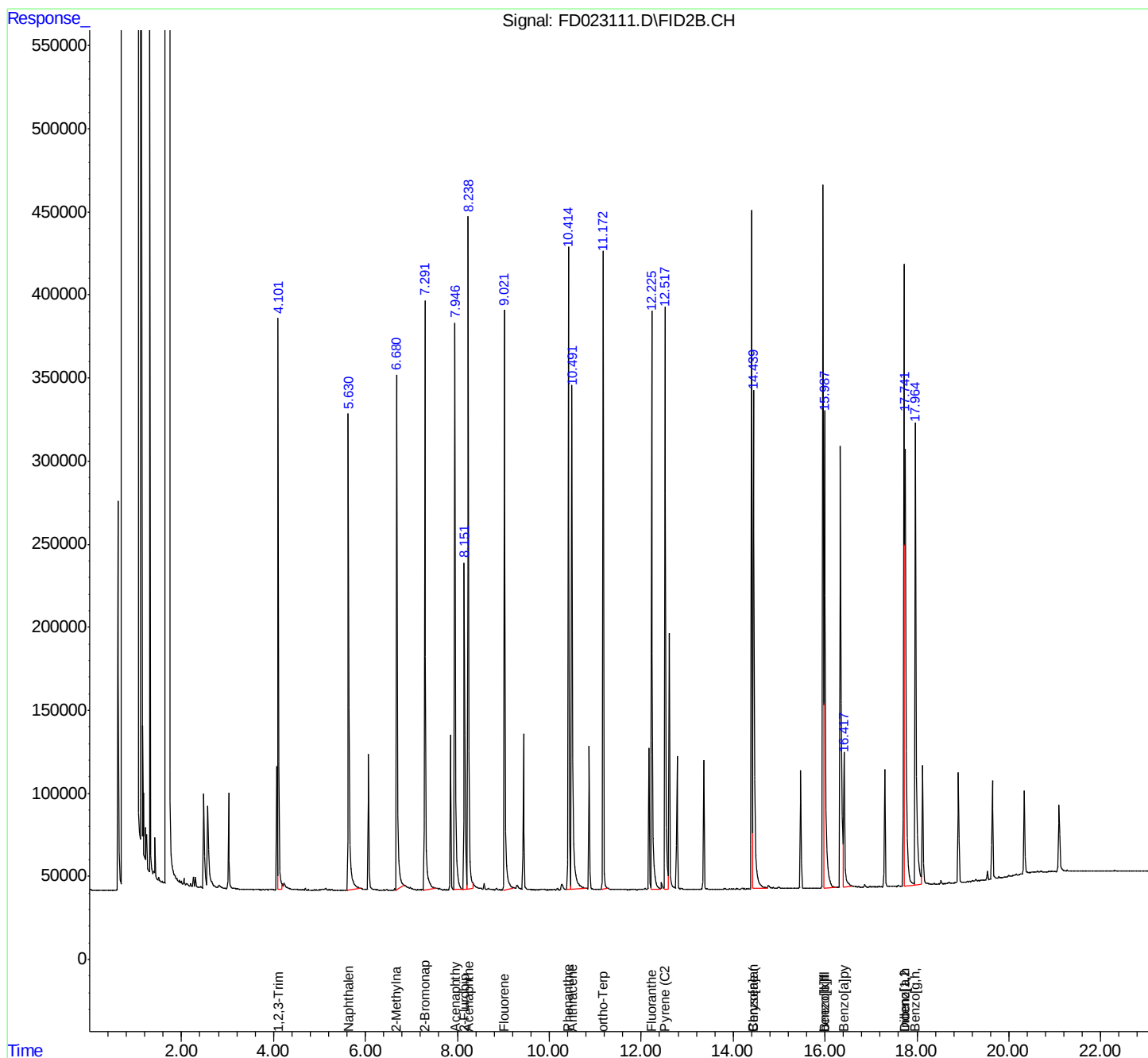
(f)=RT Delta > 1/2 Window

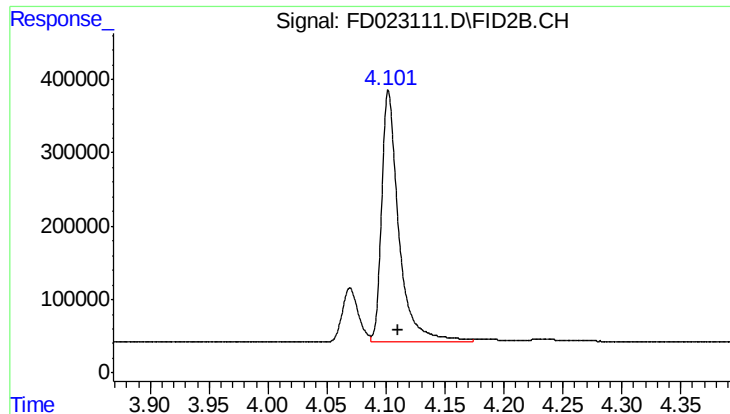
(m)=manual int.

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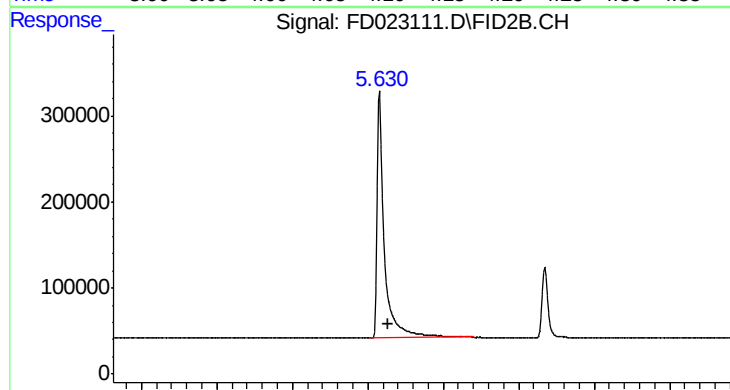
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Signal Info : 20M x 0.18mm x 0.18µm





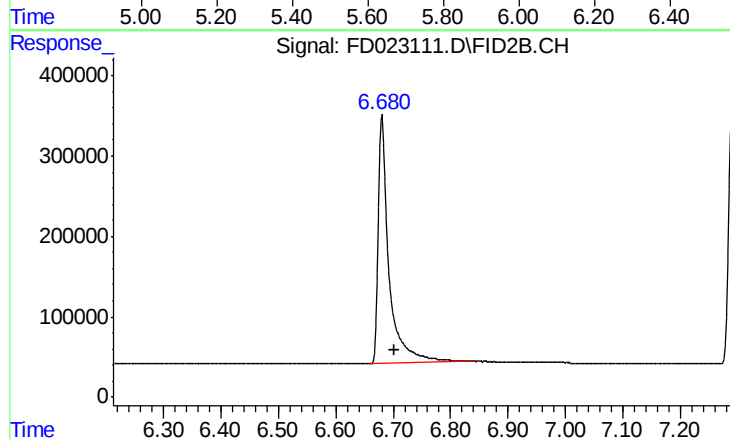
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.102 min
Delta R.T.: -0.008 min
Response: 3508172
Conc: 25.17 ug/ml



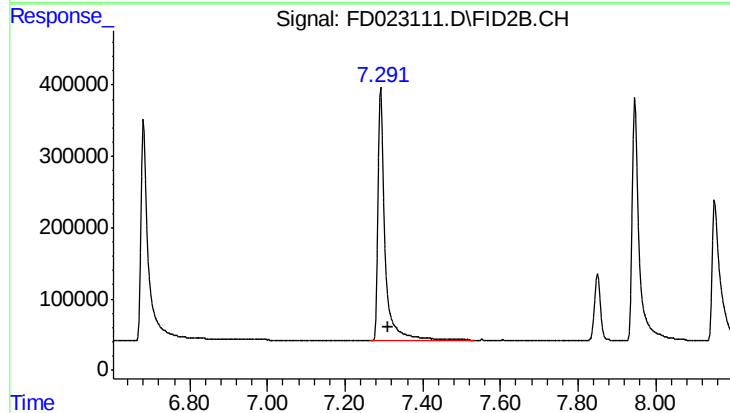
#2 Naphthalene (C11.7)

R.T.: 5.631 min
Delta R.T.: -0.022 min
Response: 3883480
Conc: 28.37 ug/ml



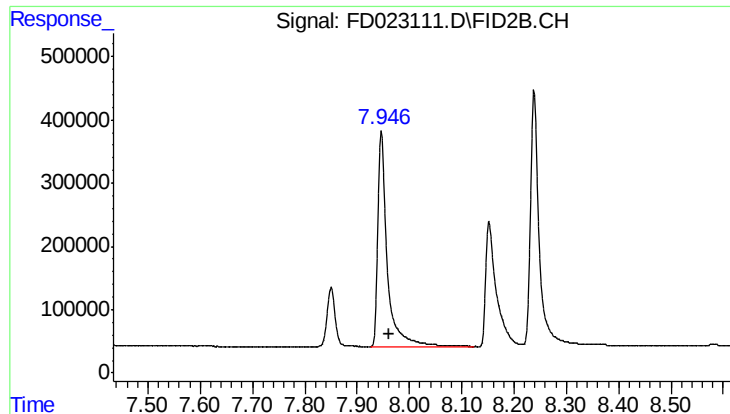
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.680 min
Delta R.T.: -0.022 min
Response: 4044369
Conc: 29.63 ug/ml



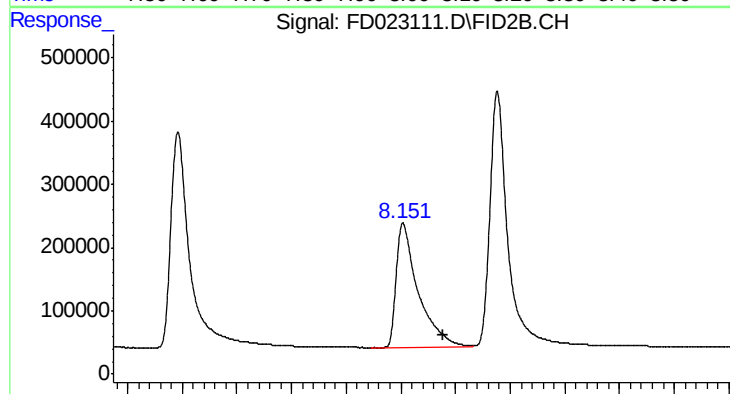
#4 2-Bromonaphthalene (SURR)

R.T.: 7.291 min
Delta R.T.: -0.018 min
Response: 4462084
Conc: 32.90 ug/ml



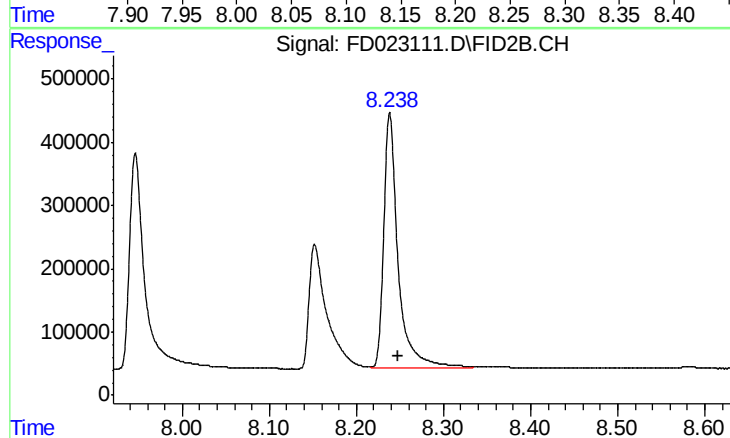
#5 Acenaphthylene (C15.06)

R.T.: 7.946 min
Delta R.T.: -0.016 min
Response: 4255199
Conc: 29.11 ug/ml



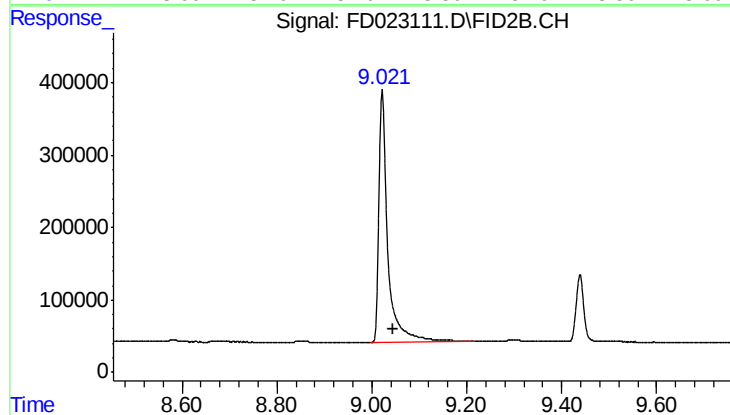
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.152 min
Delta R.T.: -0.036 min
Response: 2760445
Conc: 38.73 ug/ml



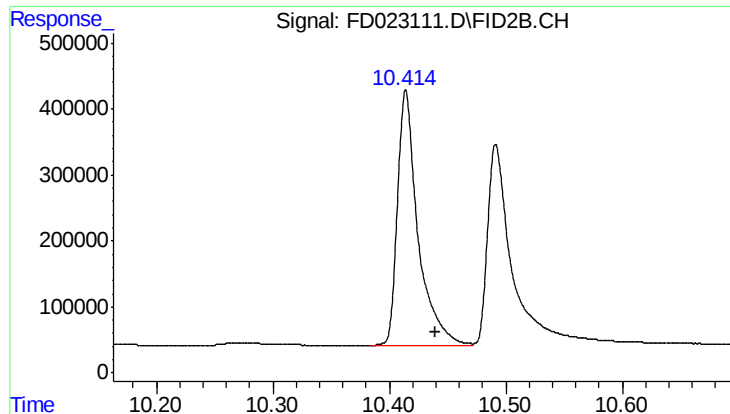
#7 Acenaphthene (C15.5)

R.T.: 8.238 min
Delta R.T.: -0.010 min
Response: 4673275
Conc: 27.66 ug/ml



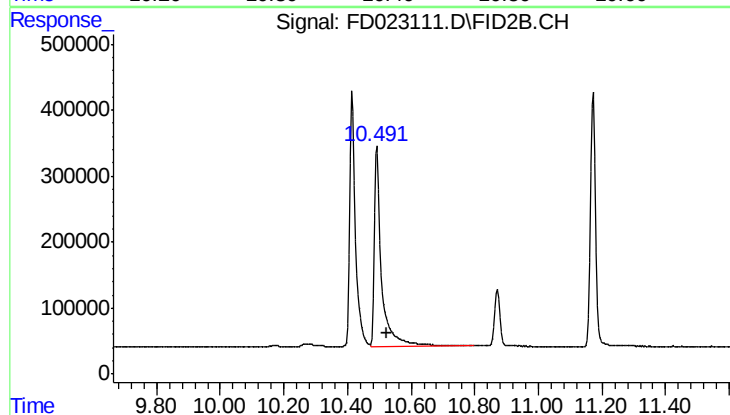
#8 Fluorene (C16.55)

R.T.: 9.022 min
Delta R.T.: -0.022 min
Response: 4520108
Conc: 31.56 ug/ml



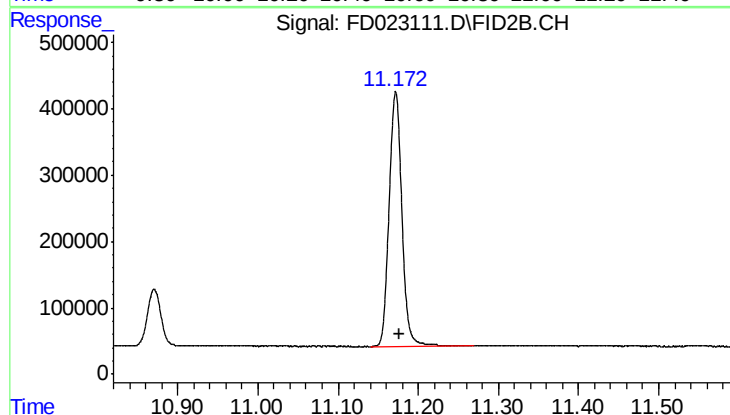
#9 Phenanthrene (C19.36)

R.T.: 10.414 min
Delta R.T.: -0.025 min
Response: 4721973
Conc: 35.58 ug/ml



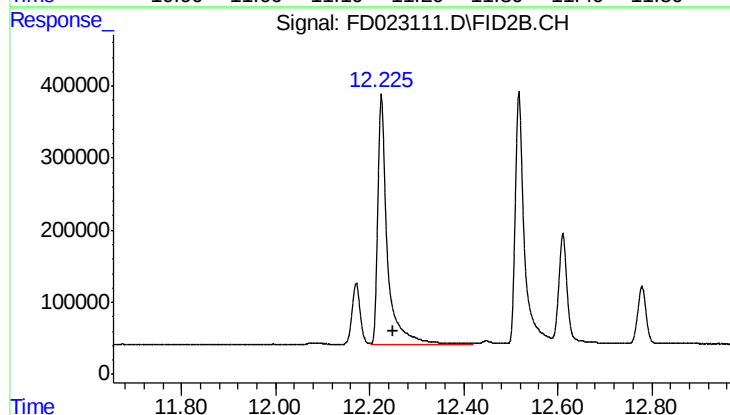
#10 Anthracene (C19.43)

R.T.: 10.491 min
Delta R.T.: -0.031 min
Response: 4762077
Conc: 34.03 ug/ml



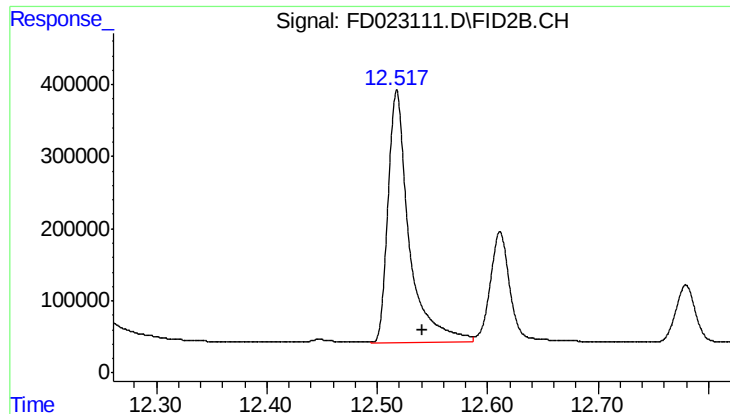
#11 ortho-Terphenyl (SURRE)

R.T.: 11.172 min
Delta R.T.: -0.005 min
Response: 4256575
Conc: 30.45 ug/ml



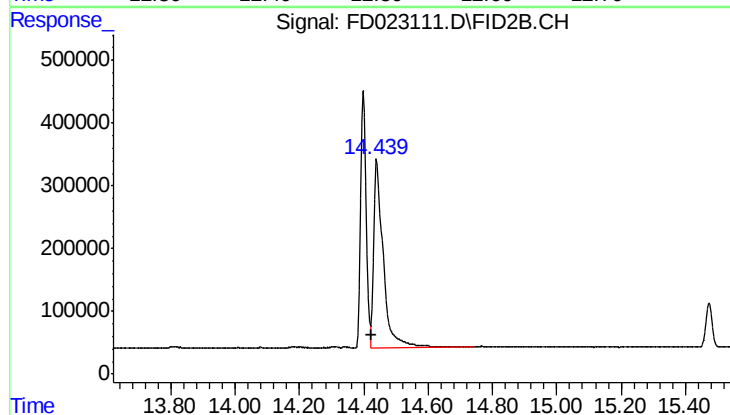
#12 Fluoranthene (C21.85)

R.T.: 12.225 min
Delta R.T.: -0.024 min
Response: 4859160
Conc: 35.38 ug/ml



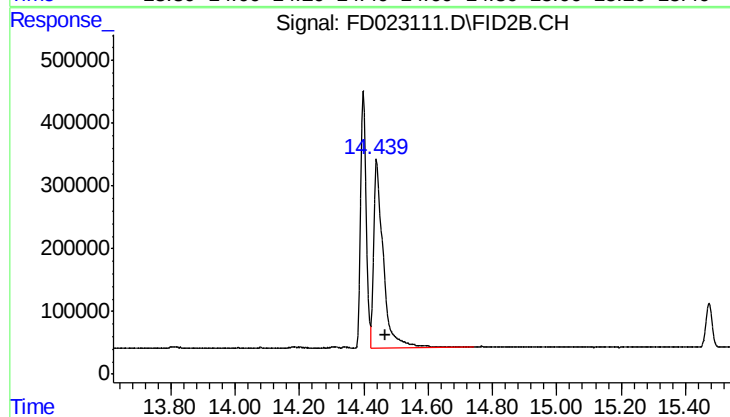
#13 Pyrene (C20.8)

R.T.: 12.518 min
Delta R.T.: -0.023 min
Response: 4660002
Conc: 33.01 ug/ml



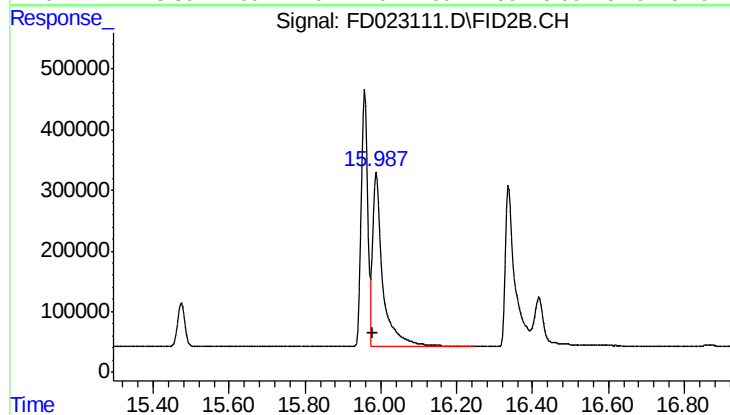
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: 0.017 min
Response: 6185983
Conc: 49.79 ug/ml



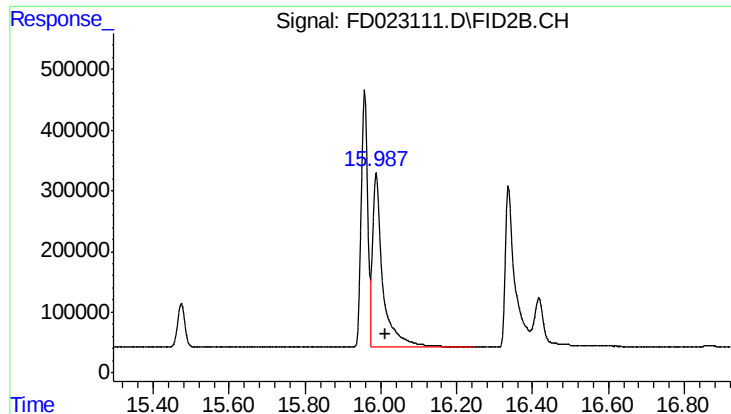
#15 Chrysene (C27.41)

R.T.: 14.439 min
Delta R.T.: -0.027 min
Response: 6185983
Conc: 39.96 ug/ml



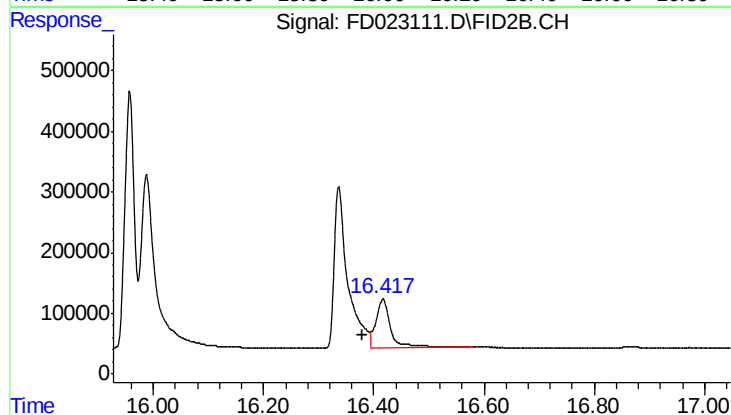
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.988 min
Delta R.T.: 0.009 min
Response: 5399159
Conc: 40.05 ug/ml



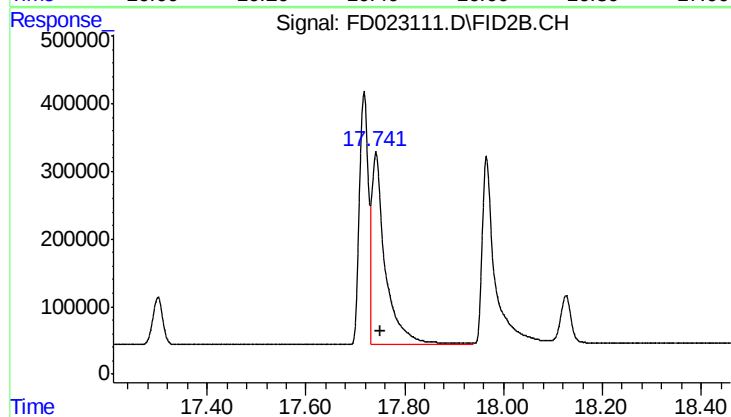
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.988 min
Delta R.T.: -0.026 min
Response: 5399159
Conc: 32.72 ug/ml



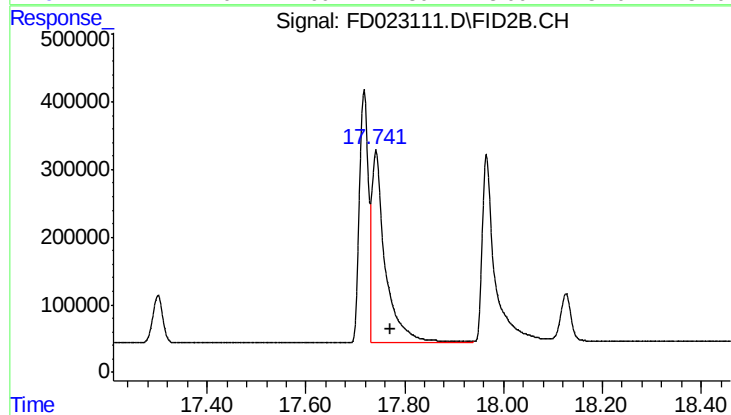
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.417 min
Delta R.T.: 0.037 min
Response: 1486887
Conc: 10.31 ug/ml



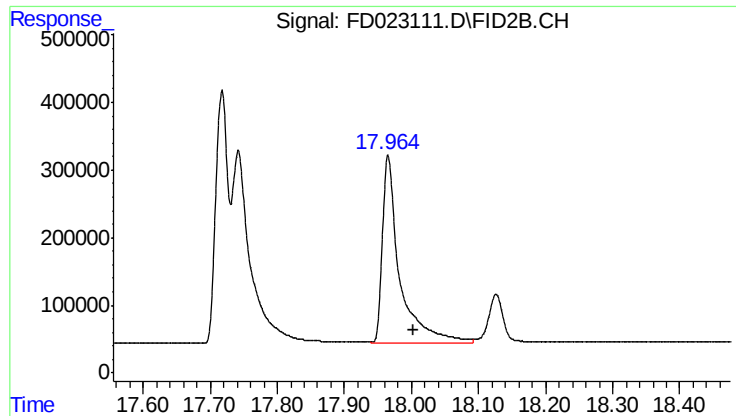
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: -0.009 min
Response: 5455867
Conc: 42.04 ug/ml



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

R.T.: 17.742 min
Delta R.T.: -0.031 min
Response: 5455867
Conc: 32.80 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.038 min
Response: 4932535
Conc: 33.28 ug/ml