

Data Path : P:\HPCHEM1\FID D\Data\FD050818AR\
 Data File : FD023516.D
 Signal(s) : FID2B.CH
 Acq On : 08 May 2018 23:29
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 09 07:34:45 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 21:25:16 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...	7.254	2626624	19.719 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
6) S 2-Fluorobiphenyl (SURR)	8.114	1515829	21.832 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.66%
11) S ortho-Terphenyl (SURR)	11.124	2983562	21.467 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.071	2811068	20.407 ug/ml
2) T Naphthalene (C11.7)	5.596	2754899	20.428 ug/mlm
3) T 2-Methylnaphthalene (...)	6.644	2784982	20.792 ug/ml
5) T Acenaphthylene (C15.06)	7.906	2918431	20.293 ug/ml
7) T Acenaphthene (C15.5)	8.197	3250150	19.510 ug/ml
8) T Fluorene (C16.55)	8.980	2872311	20.311 ug/ml
9) T Phenanthrene (C19.36)	10.370	2884459	21.787 ug/ml
10) T Anthracene (C19.43)	10.448	2936390	20.993 ug/ml
12) T Fluoranthene (C21.85)	12.176	3096357	22.286 ug/ml
13) T Pyrene (C20.8)	12.469	3181100	22.383 ug/ml
14) T Benzo[alanthracene (C...	14.349	2926135	23.196 ug/ml
15) T Chrysene (C27.41)	14.390	3281079	21.073 ug/ml
16) T benzo[b]fluoranthene ...	15.907	2989396	22.044 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.937	3480719	21.352 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.292	3204303	22.356 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.673	2342767	18.109 ug/ml
20) T Dibenz[a,h]anthracene...	17.697	3843306	23.175 ug/ml
21) T Benzo[a,h,i]pervlene ...	17.922	2969065	20.101 ug/ml

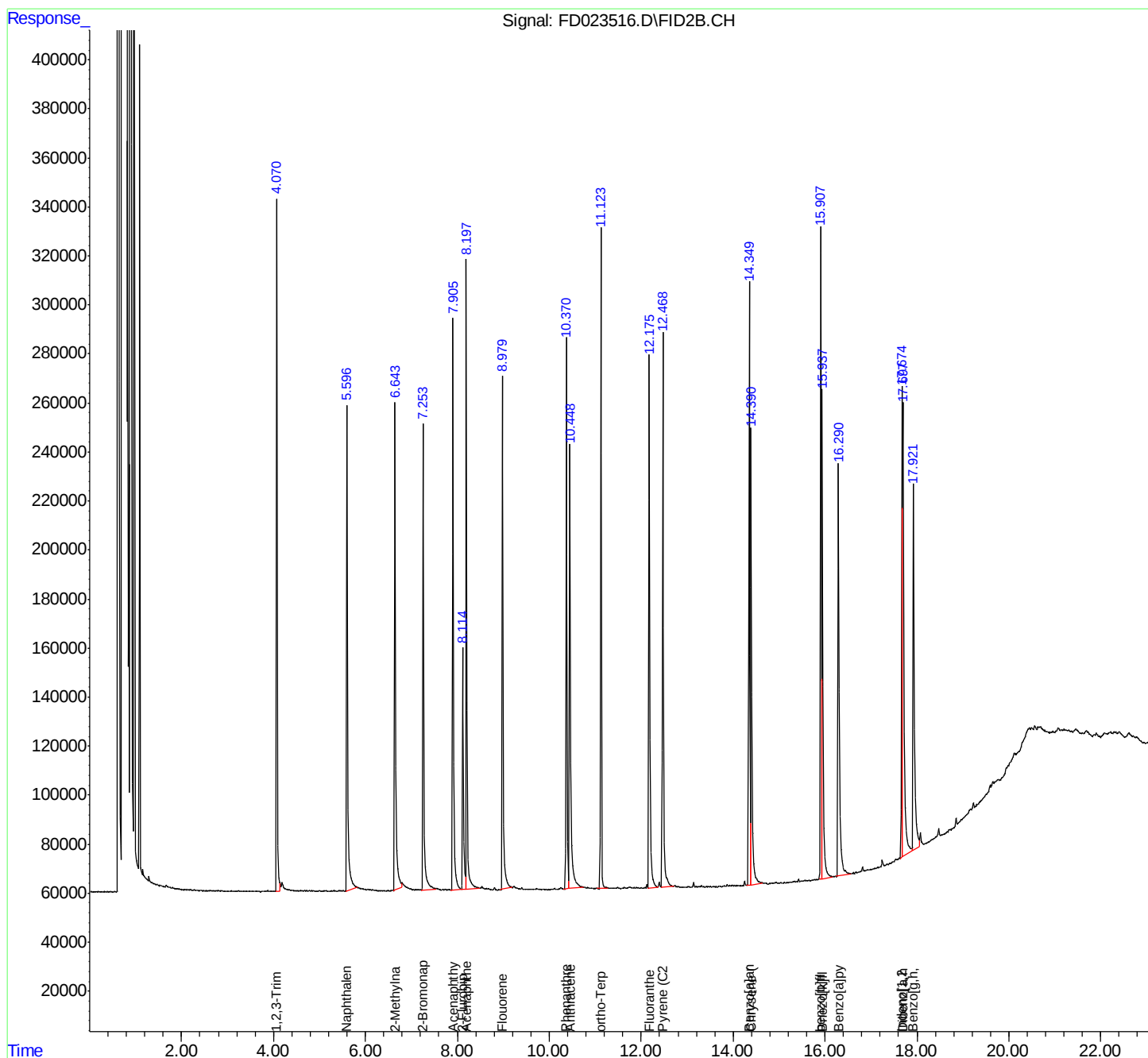
(f)=RT Delta > 1/2 Window

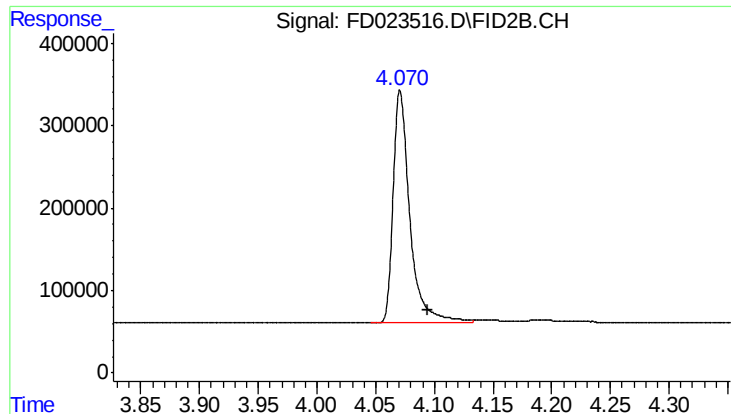
(m)=manual int.

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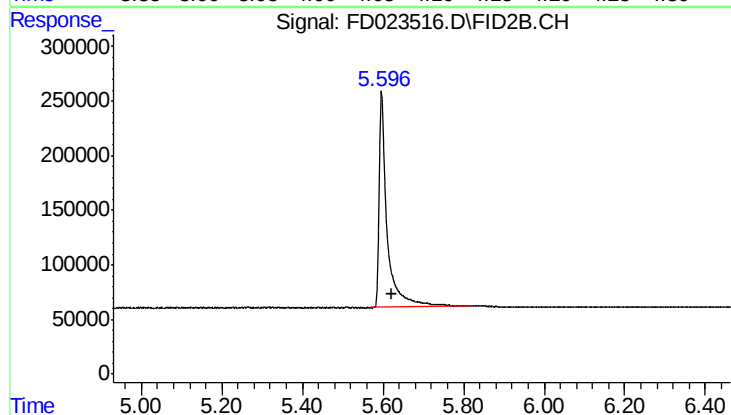
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Signal Info : 20M x 0.18mm x 0.18µm





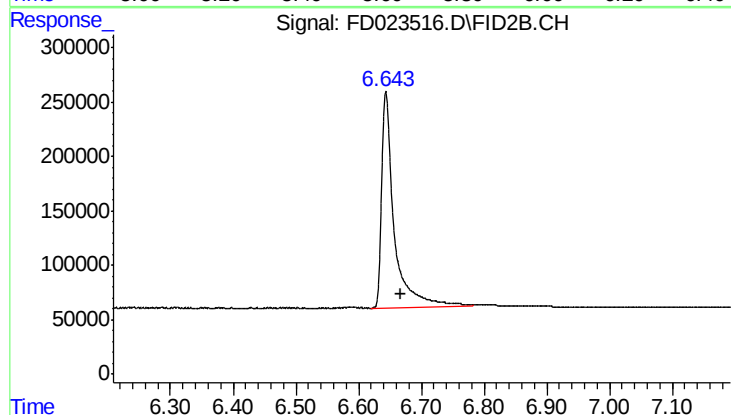
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.071 min
Delta R.T.: -0.024 min
Response: 2811068
Conc: 20.41 ug/ml



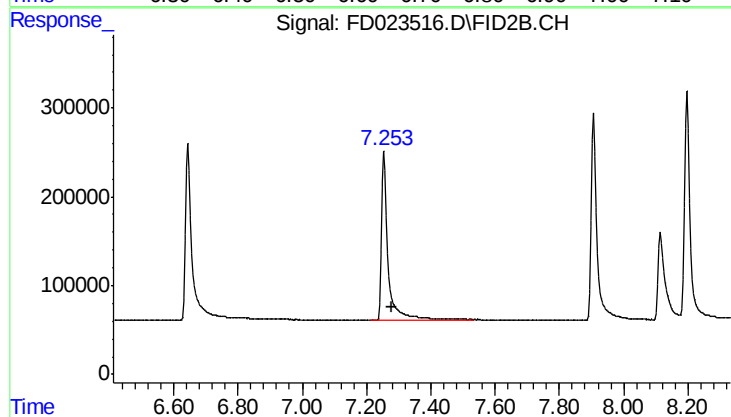
#2 Naphthalene (C11.7)

R.T.: 5.596 min
Delta R.T.: -0.026 min
Response: 2754899
Conc: 20.43 ug/ml m



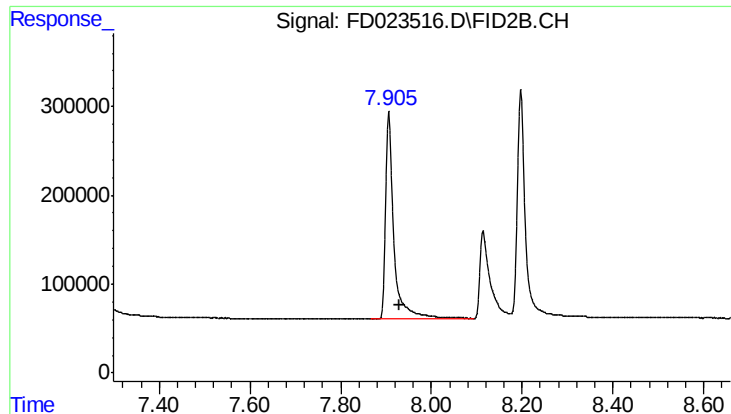
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.644 min
Delta R.T.: -0.024 min
Response: 2784982
Conc: 20.79 ug/ml



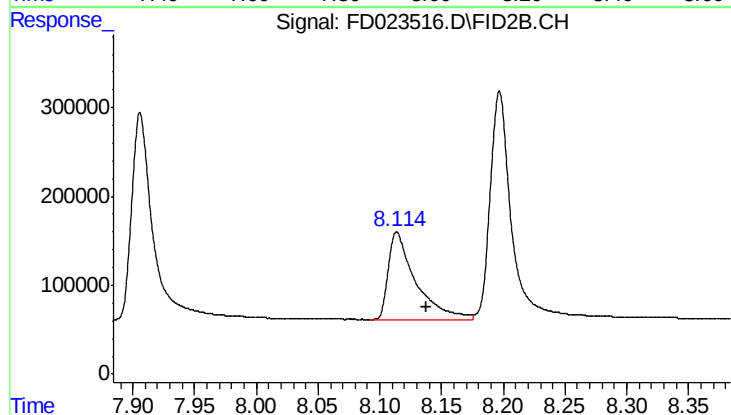
#4 2-Bromonaphthalene (SURR)

R.T.: 7.254 min
Delta R.T.: -0.024 min
Response: 2626624
Conc: 19.72 ug/ml



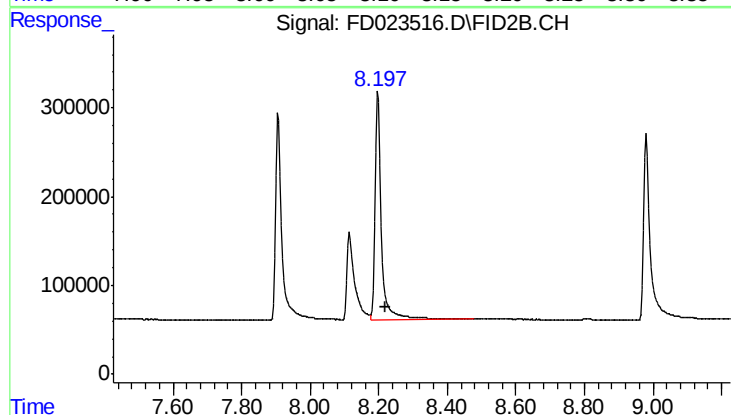
#5 Acenaphthylene (C15.06)

R.T.: 7.906 min
Delta R.T.: -0.024 min
Response: 2918431
Conc: 20.29 ug/ml



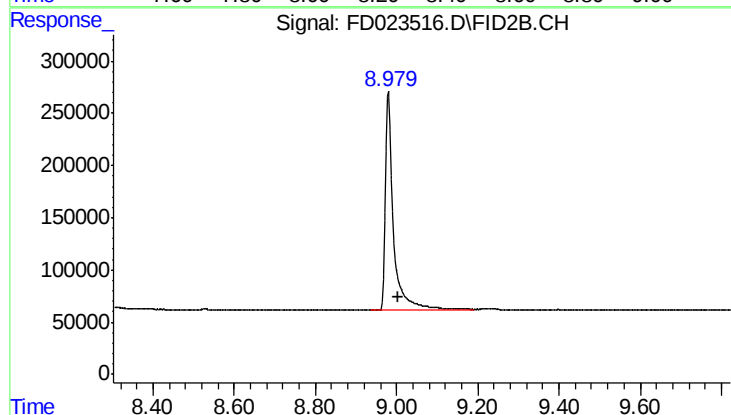
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.114 min
Delta R.T.: -0.024 min
Response: 1515829
Conc: 21.83 ug/ml



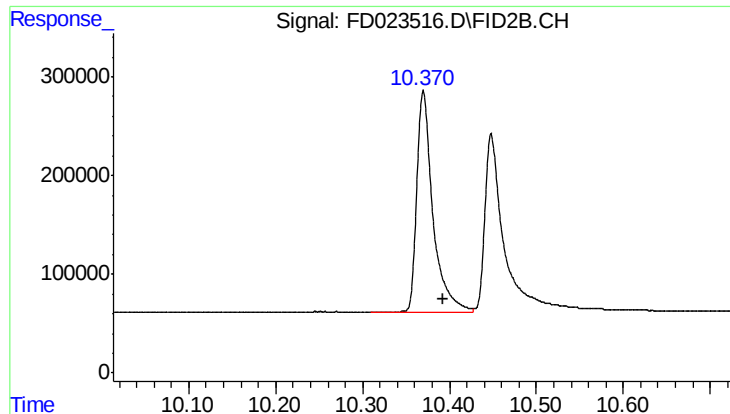
#7 Acenaphthene (C15.5)

R.T.: 8.197 min
Delta R.T.: -0.024 min
Response: 3250150
Conc: 19.51 ug/ml



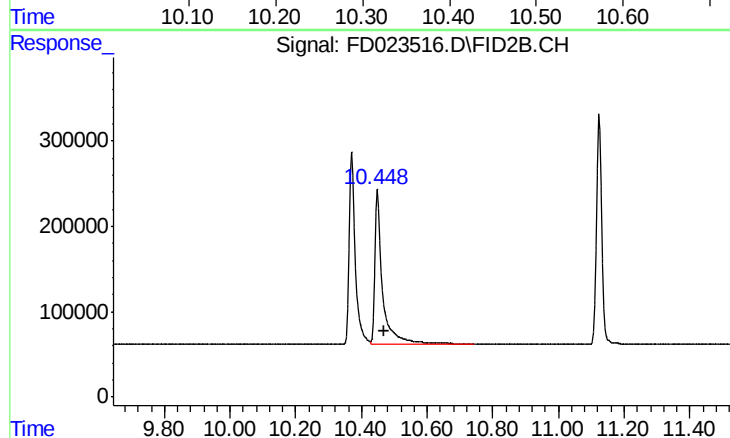
#8 Fluorene (C16.55)

R.T.: 8.980 min
Delta R.T.: -0.024 min
Response: 2872311
Conc: 20.31 ug/ml



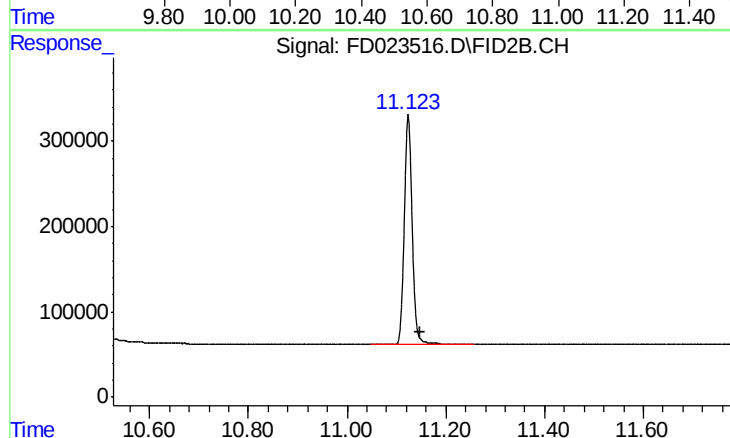
#9 Phenanthrene (C19.36)

R.T.: 10.370 min
Delta R.T.: -0.022 min
Response: 2884459
Conc: 21.79 ug/ml



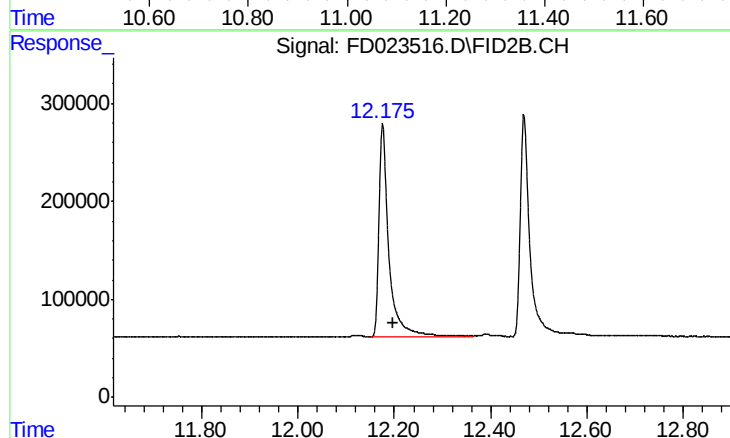
#10 Anthracene (C19.43)

R.T.: 10.448 min
Delta R.T.: -0.023 min
Response: 2936390
Conc: 20.99 ug/ml



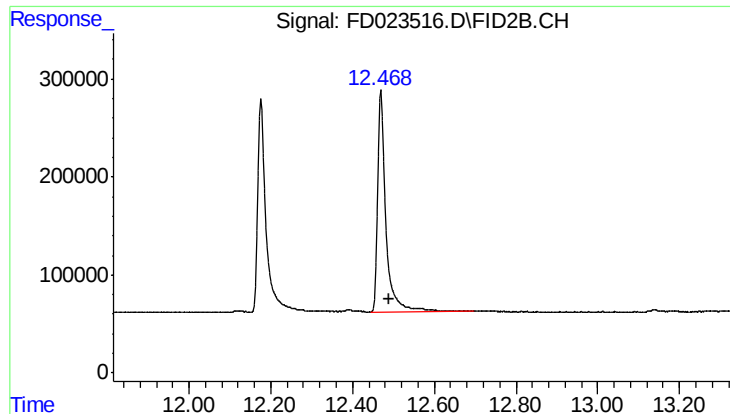
#11 ortho-Terphenyl (SURR)

R.T.: 11.124 min
Delta R.T.: -0.023 min
Response: 2983562
Conc: 21.47 ug/ml



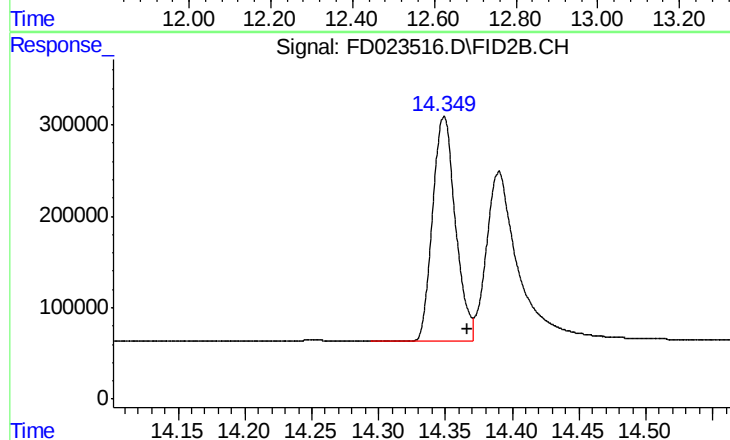
#12 Fluoranthene (C21.85)

R.T.: 12.176 min
Delta R.T.: -0.023 min
Response: 3096357
Conc: 22.29 ug/ml



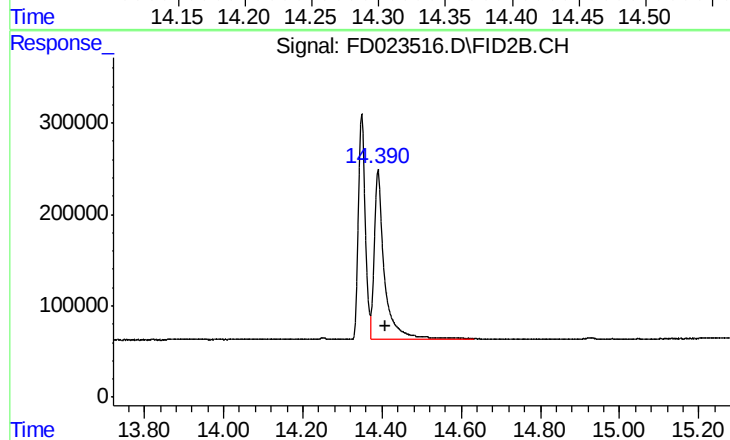
#13 Pyrene (C20.8)

R.T.: 12.469 min
Delta R.T.: -0.020 min
Response: 3181100
Conc: 22.38 ug/ml



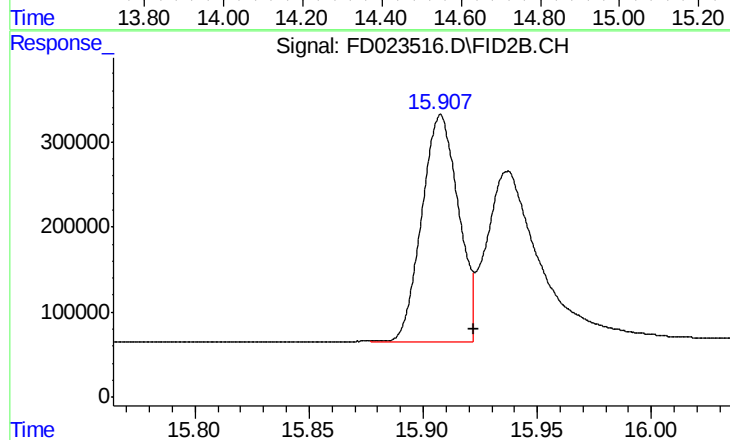
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.349 min
Delta R.T.: -0.017 min
Response: 2926135
Conc: 23.20 ug/ml



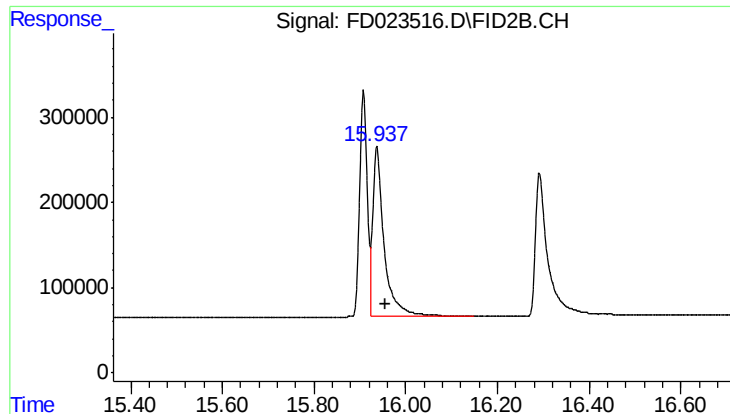
#15 Chrysene (C27.41)

R.T.: 14.390 min
Delta R.T.: -0.019 min
Response: 3281079
Conc: 21.07 ug/ml



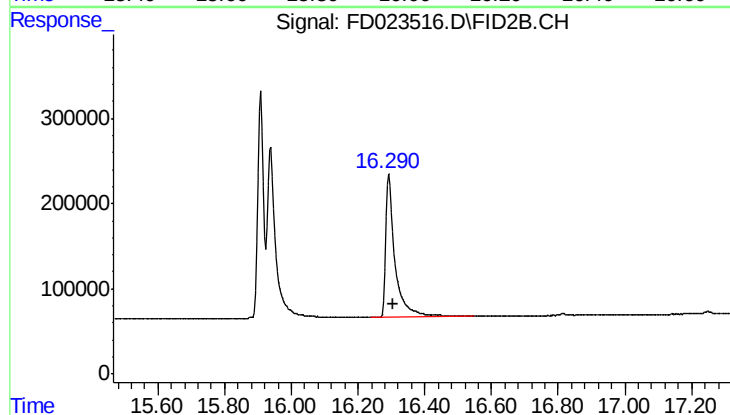
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.907 min
Delta R.T.: -0.015 min
Response: 2989396
Conc: 22.04 ug/ml m



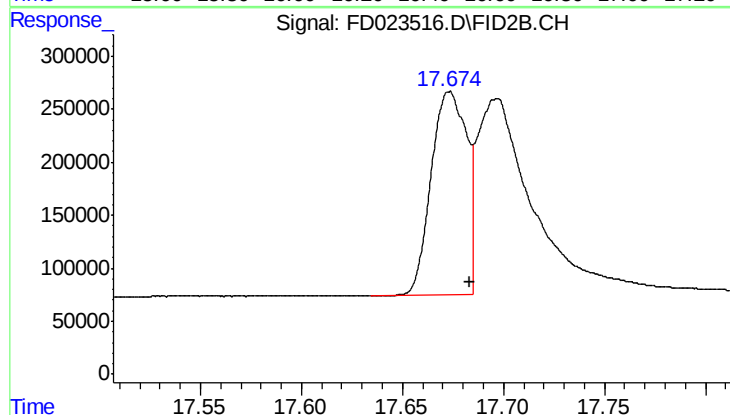
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.937 min
Delta R.T.: -0.017 min
Response: 3480719
Conc: 21.35 ug/ml



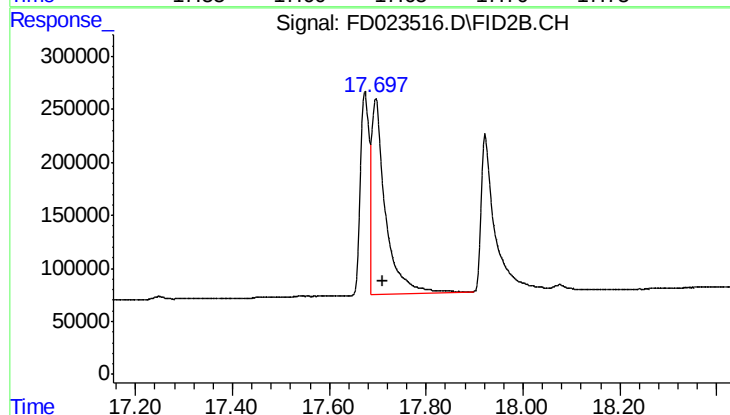
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.292 min
Delta R.T.: -0.014 min
Response: 3204303
Conc: 22.36 ug/ml



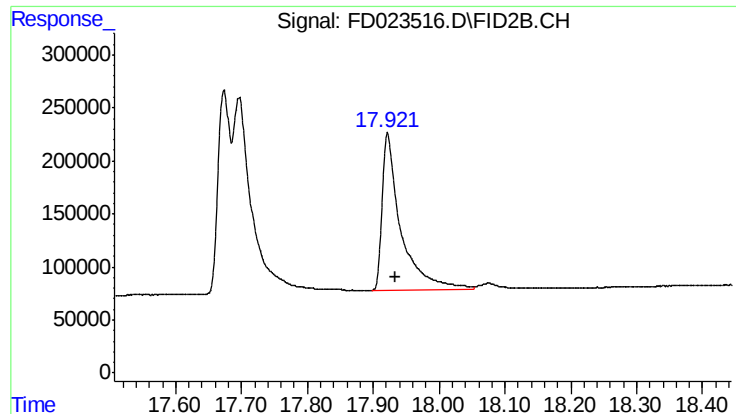
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.673 min
Delta R.T.: -0.010 min
Response: 2342767
Conc: 18.11 ug/ml



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

R.T.: 17.697 min
Delta R.T.: -0.013 min
Response: 3843306
Conc: 23.17 ug/ml



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

R.T.: 17.922 min
Delta R.T.: -0.012 min
Response: 2969065
Conc: 20.10 ug/ml