

Data Path : P:\HPCHEM1\FID_D\Data\FD042118AR\
 Data File : FD023179.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2018 2:37
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 06:50:26 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	2410221	17.772 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
6) S 2-Fluorobiphenyl (SURR)	8.157	1297876	18.211 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.42%
11) S ortho-Terphenyl (SURR)	11.164	2561246	18.320 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.100	2575670	18.478 ug/ml
2) T Naphthalene (C11.7)	5.631	2516061	18.383 ug/ml
3) T 2-Methylnaphthalene (...)	6.681	2436103	17.846 ug/ml
5) T Acenaphthylene (C15.06)	7.944	2640128	18.063 ug/ml
7) T Acenaphthene (C15.5)	8.235	2964318	17.547 ug/ml
8) T Flouorene (C16.55)	9.020	2549291	17.802 ug/ml
9) T Phenanthrene (C19.36)	10.412	2477801	18.668 ug/ml
10) T Anthracene (C19.43)	10.492	2526475	18.057 ug/ml
12) T Fluoranthene (C21.85)	12.222	2630063	19.148 ug/ml
13) T Pyrene (C20.8)	12.513	2700142	19.129 ug/ml
14) T Benzo[a]anthracene (C...	14.436	2939805	23.664 ug/ml
15) T Chrysene (C27.41)	14.436	2939805	18.989 ug/ml
16) T benzo[b]fluoranthene ...	15.982	3192812	23.685 ug/ml
17) T Bnezo[k]fluoranthene ...	15.982	3192812	19.349 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.335	2804643	19.455 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	3296375	25.402 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	3296375	19.817 ug/ml
21) T Benzo[g,h,i]perylene ...	17.961	2820191	19.028 ug/ml

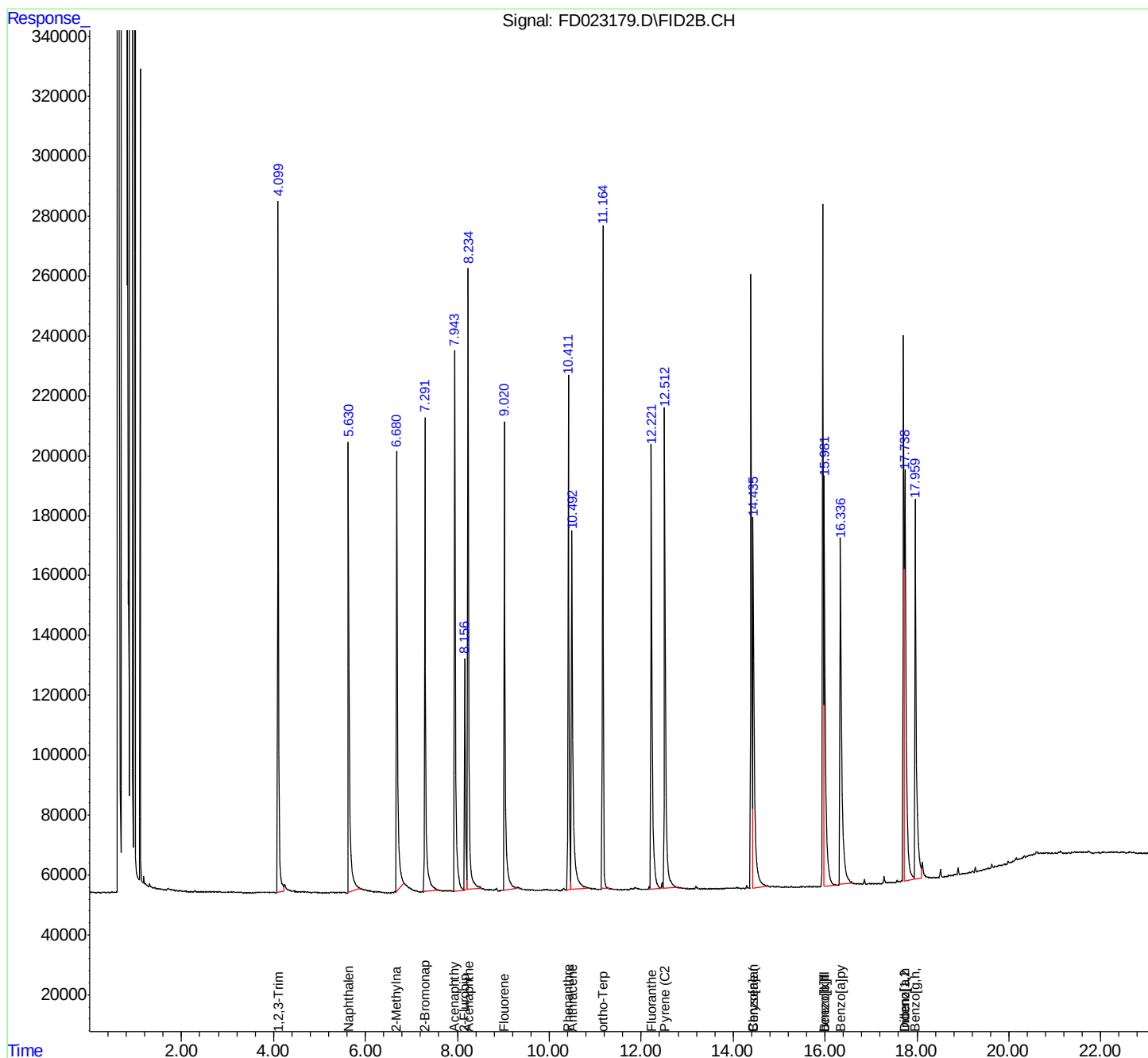
(f)=RT Delta > 1/2 Window

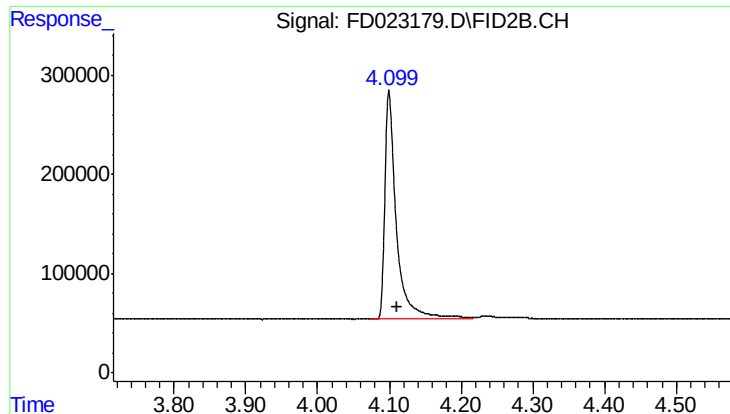
(m)=manual int.

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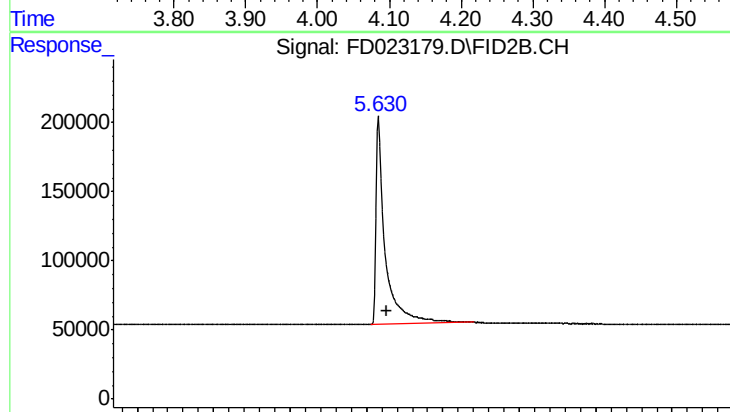
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





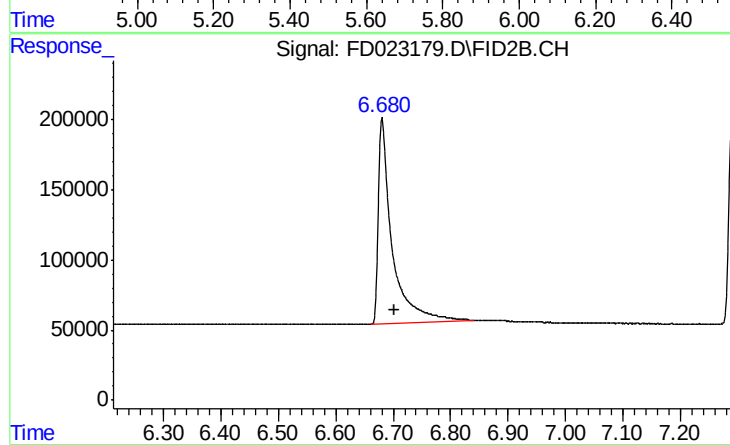
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.100 min
Delta R.T.: -0.011 min
Response: 2575670
Conc: 18.48 ug/ml



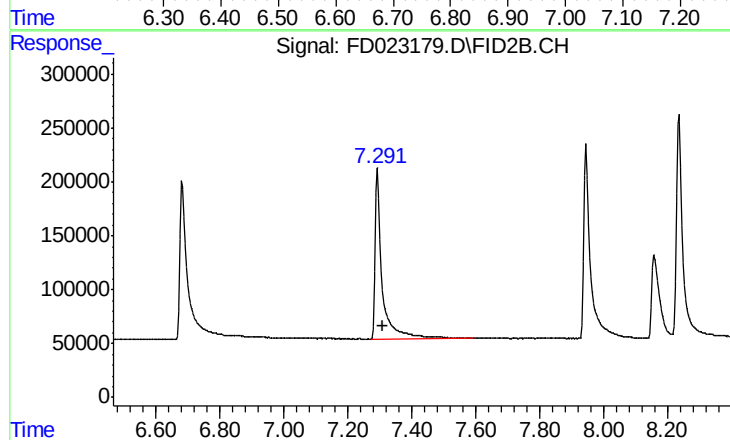
#2 Naphthalene (C11.7)

R.T.: 5.631 min
Delta R.T.: -0.022 min
Response: 2516061
Conc: 18.38 ug/ml



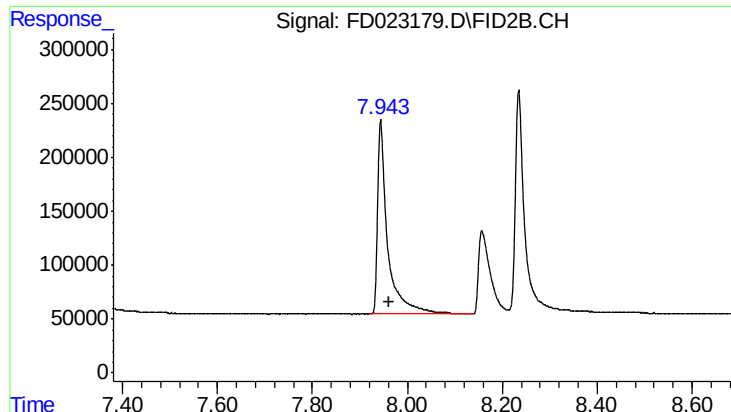
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.681 min
Delta R.T.: -0.021 min
Response: 2436103
Conc: 17.85 ug/ml



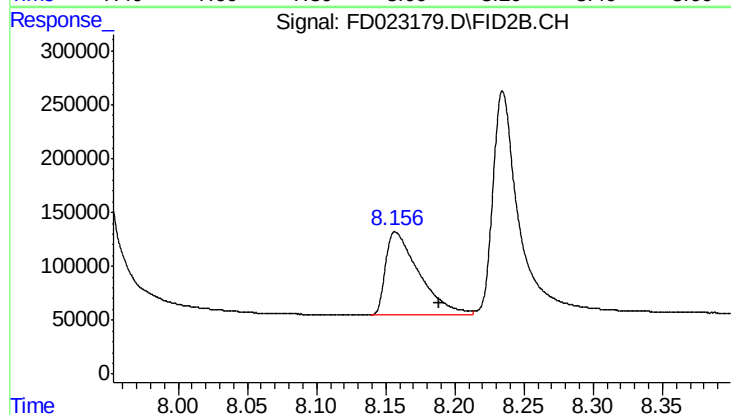
#4 2-Bromonaphthalene (SURR)

R.T.: 7.291 min
Delta R.T.: -0.018 min
Response: 2410221
Conc: 17.77 ug/ml



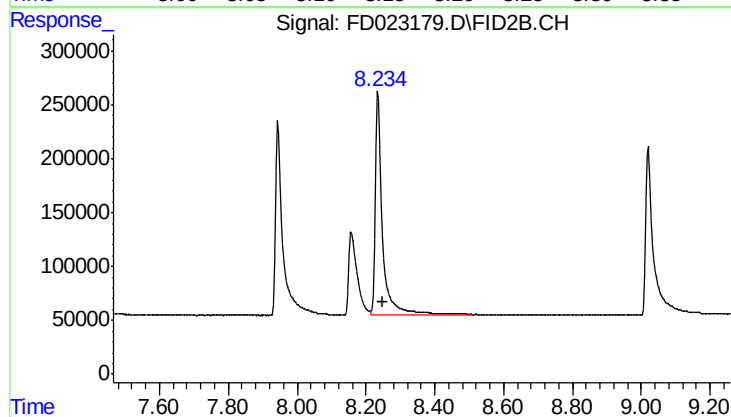
#5 Acenaphthylene (C15.06)

R.T.: 7.944 min
Delta R.T.: -0.019 min
Response: 2640128
Conc: 18.06 ug/ml



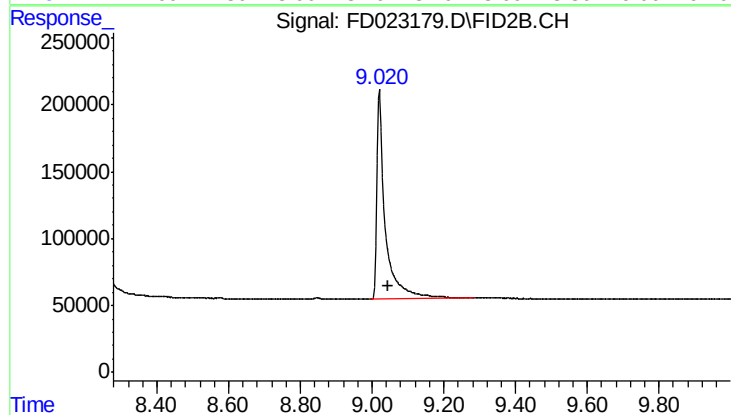
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.157 min
Delta R.T.: -0.031 min
Response: 1297876
Conc: 18.21 ug/ml



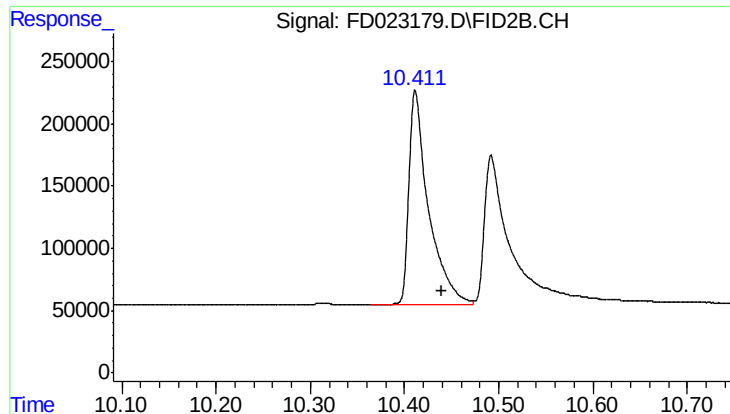
#7 Acenaphthene (C15.5)

R.T.: 8.235 min
Delta R.T.: -0.014 min
Response: 2964318
Conc: 17.55 ug/ml



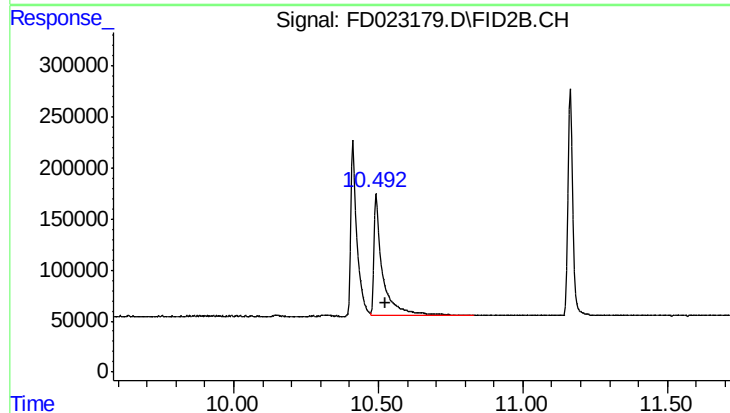
#8 Fluorene (C16.55)

R.T.: 9.020 min
Delta R.T.: -0.024 min
Response: 2549291
Conc: 17.80 ug/ml



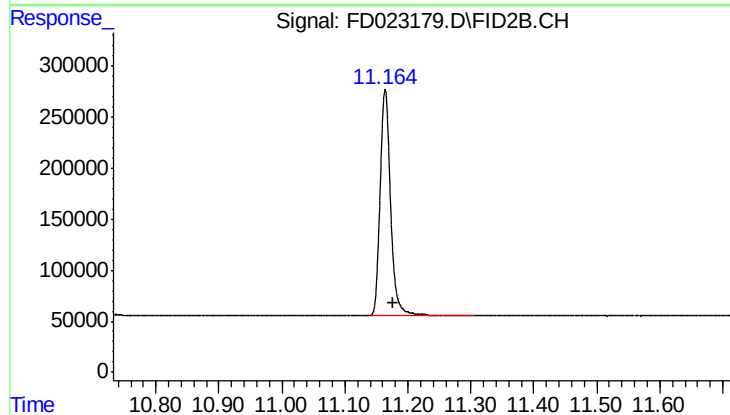
#9 Phenanthrene (C19.36)

R.T.: 10.412 min
Delta R.T.: -0.027 min
Response: 2477801
Conc: 18.67 ug/ml



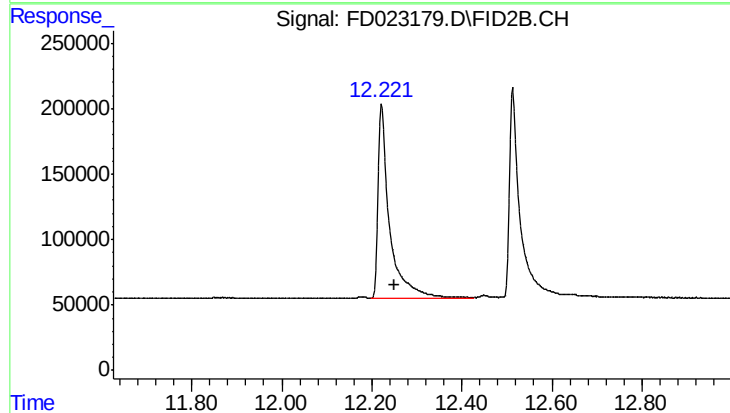
#10 Anthracene (C19.43)

R.T.: 10.492 min
Delta R.T.: -0.031 min
Response: 2526475
Conc: 18.06 ug/ml



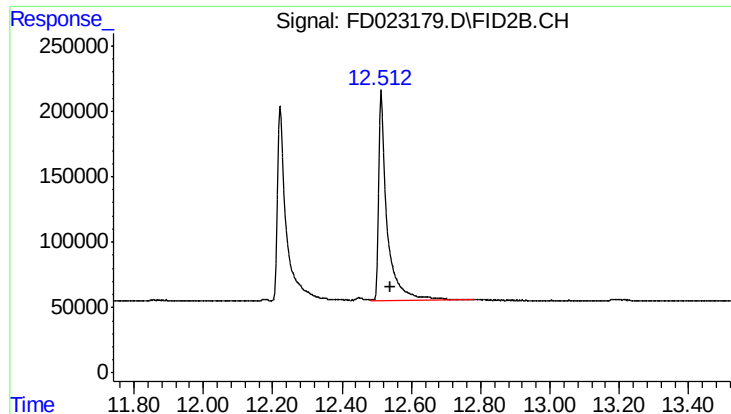
#11 ortho-Terphenyl (SURR)

R.T.: 11.164 min
Delta R.T.: -0.013 min
Response: 2561246
Conc: 18.32 ug/ml



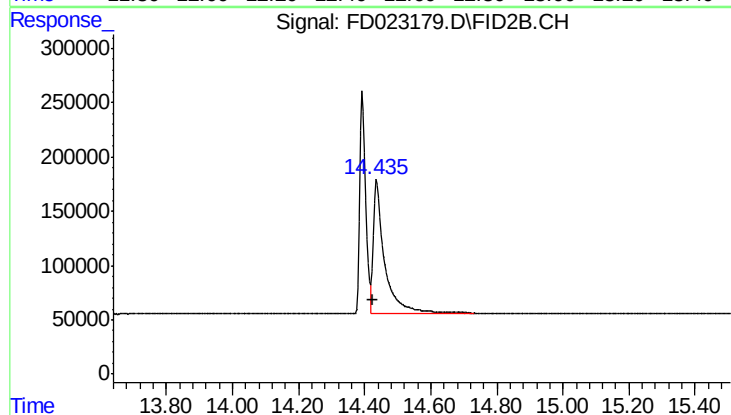
#12 Fluoranthene (C21.85)

R.T.: 12.222 min
Delta R.T.: -0.027 min
Response: 2630063
Conc: 19.15 ug/ml



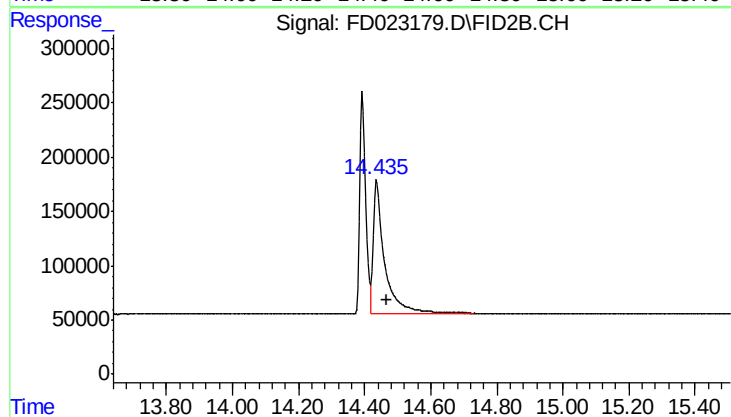
#13 Pyrene (C20.8)

R.T.: 12.513 min
Delta R.T.: -0.028 min
Response: 2700142
Conc: 19.13 ug/ml



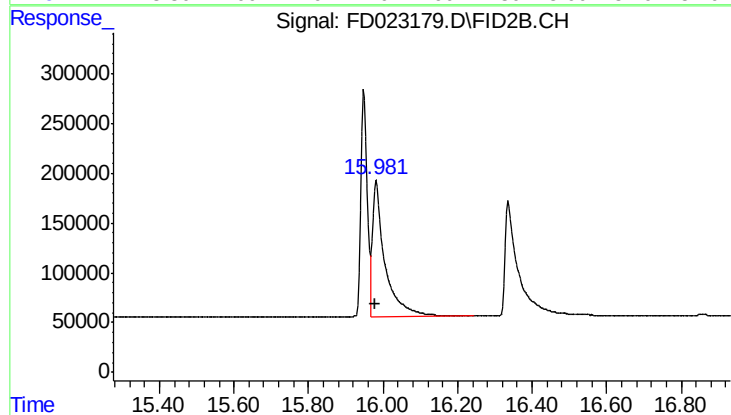
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: 0.013 min
Response: 2939805
Conc: 23.66 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.436 min
Delta R.T.: -0.031 min
Response: 2939805
Conc: 18.99 ug/ml



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

R.T.: 15.982 min
Delta R.T.: 0.003 min
Response: 3192812
Conc: 23.69 ug/ml