

Data Path : P:\HPCHEM1\FID D\Data\FD050818AR\
 Data File : FD023500.D
 Signal(s) : FID2B.CH
 Acq On : 08 May 2018 12:45
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 08 13:22:22 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...	7.255	2306715	17.318 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
6) S 2-Fluorobiphenyl (SURR)	8.117	1301484	18.745 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.49%
11) S ortho-Terphenyl (SURR)	11.124	2625512	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.072	2511711	18.233 ug/ml
3) T 2-Methylnaphthalene (...)	6.645	2439097	18.210 ug/ml
5) T Acenaphthylene (C15.06)	7.907	2585262	17.976 ug/ml
7) T Acenaphthene (C15.5)	8.198	2894413	17.375 ug/ml
8) T Fluorene (C16.55)	8.981	2553816	18.059 ug/ml
9) T Phenanthrene (C19.36)	10.371	2562826	19.358 ug/ml
10) T Anthracene (C19.43)	10.450	2619048	18.724 ug/ml
12) T Fluoranthene (C21.85)	12.177	2766426	19.912 ug/ml
13) T Pyrene (C20.8)	12.470	2836861	19.961 ug/ml
14) T Benzo[alanthracene (C...	14.347	2607016	20.666 ug/ml
15) T Chrysene (C27.41)	14.389	2953866	18.971 ug/ml
16) T benzo[b]fluoranthene ...	15.935	3158884	23.294 ug/ml
17) T Bnezo[k]fluoranthene ...	15.935	3158884	19.378 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.289	2864896	19.988 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.695	3454375	26.702 ug/ml
20) T Dibenz[a,h]anthracene...	17.695	3454375	20.830 ug/ml
21) T Benzo[a,h,i]perylene ...	17.920	2650446	17.943 ug/ml

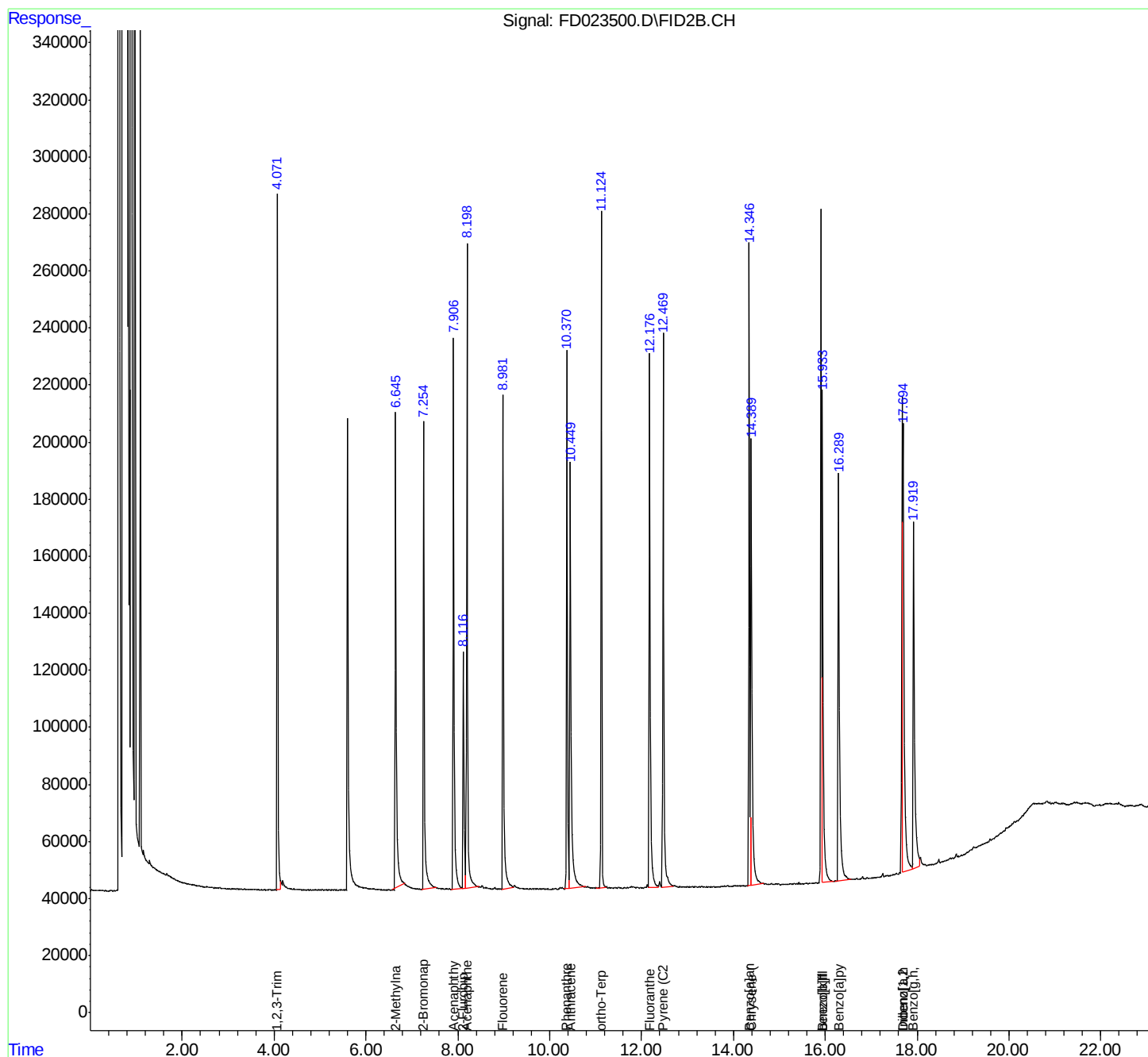
(f)=RT Delta > 1/2 Window

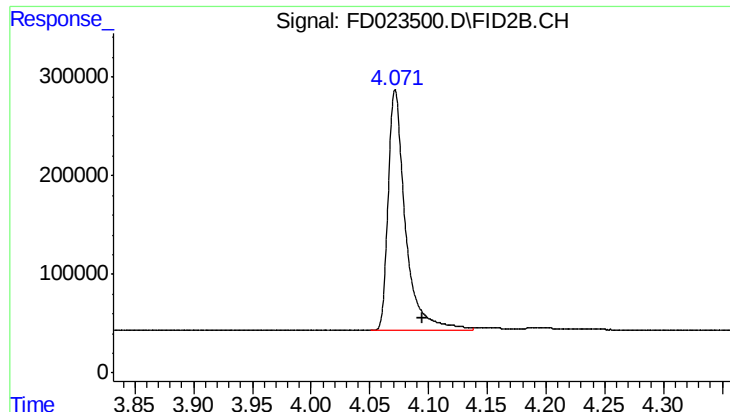
(m)=manual int.

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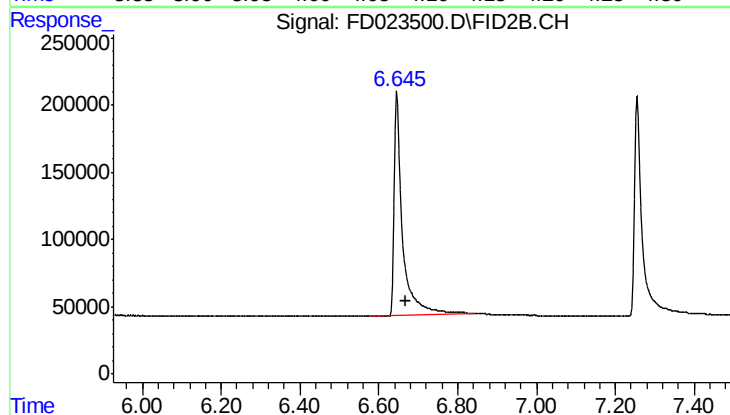
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





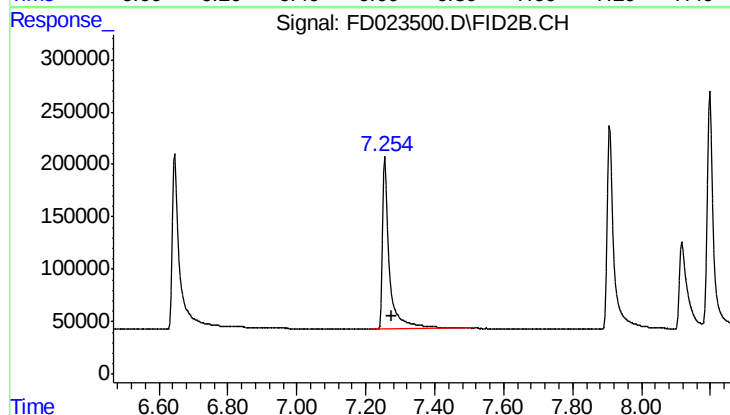
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.072 min
Delta R.T.: -0.023 min
Response: 2511711
Conc: 18.23 ug/ml



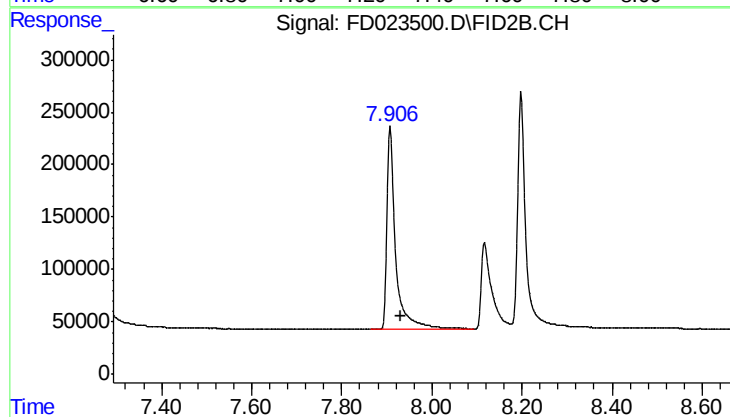
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.645 min
Delta R.T.: -0.022 min
Response: 2439097
Conc: 18.21 ug/ml



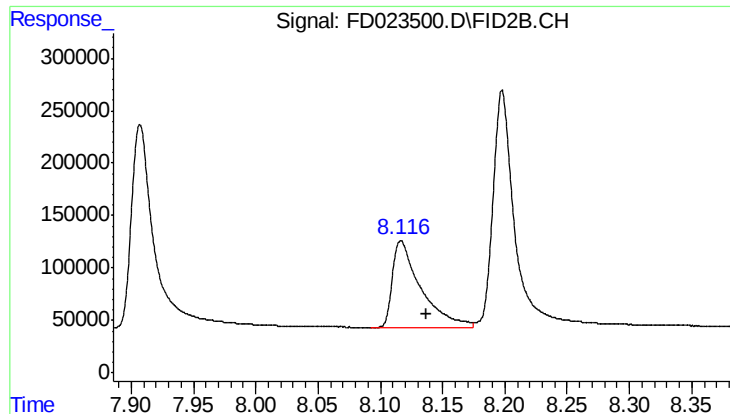
#4 2-Bromonaphthalene (SURR)

R.T.: 7.255 min
Delta R.T.: -0.022 min
Response: 2306715
Conc: 17.32 ug/ml



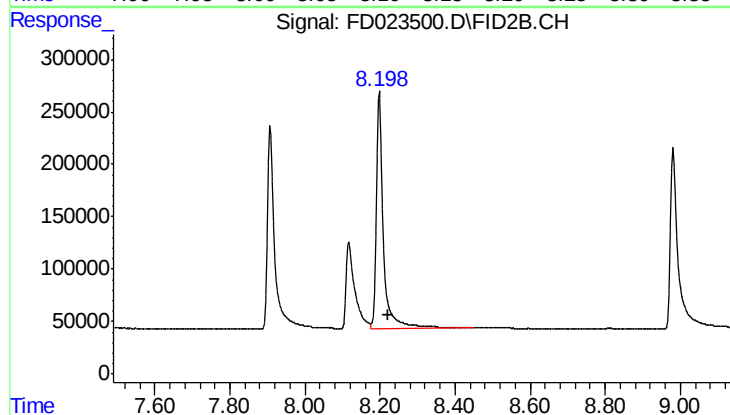
#5 Acenaphthylene (C15.06)

R.T.: 7.907 min
Delta R.T.: -0.022 min
Response: 2585262
Conc: 17.98 ug/ml



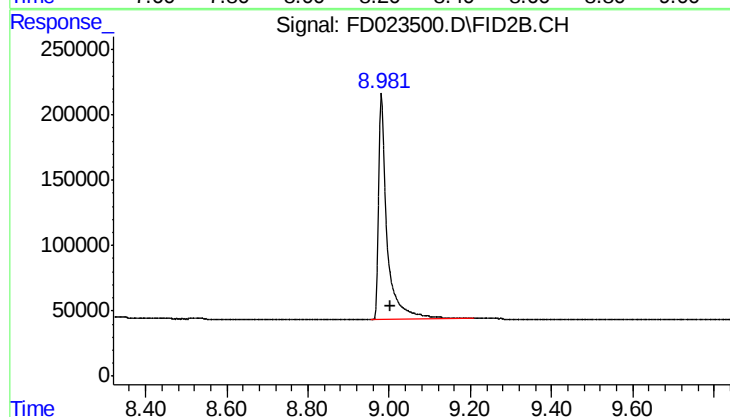
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.117 min
Delta R.T.: -0.021 min
Response: 1301484
Conc: 18.74 ug/ml



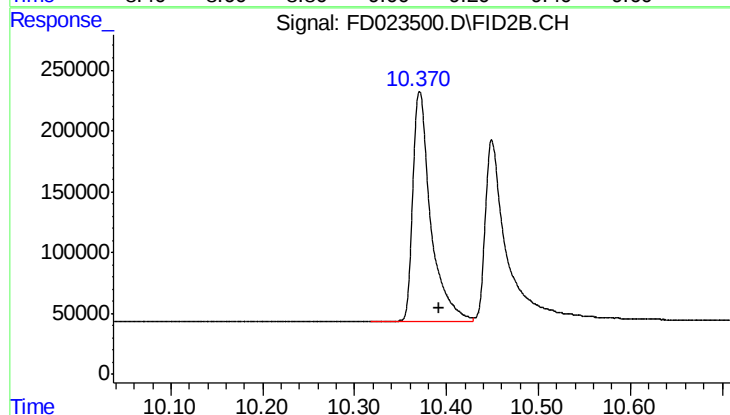
#7 Acenaphthene (C15.5)

R.T.: 8.198 min
Delta R.T.: -0.023 min
Response: 2894413
Conc: 17.37 ug/ml



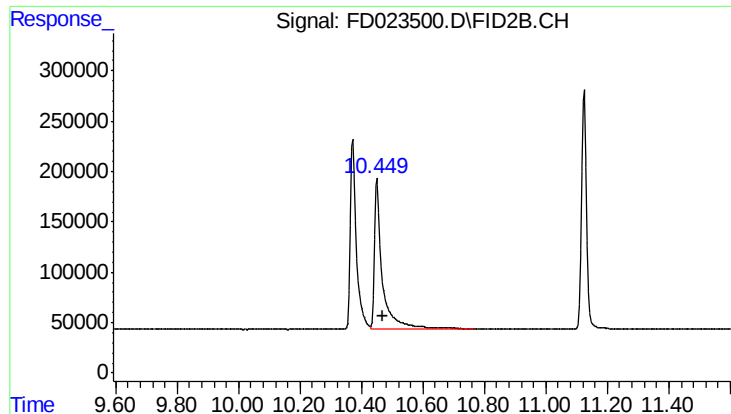
#8 Flouorene (C16.55)

R.T.: 8.981 min
Delta R.T.: -0.023 min
Response: 2553816
Conc: 18.06 ug/ml



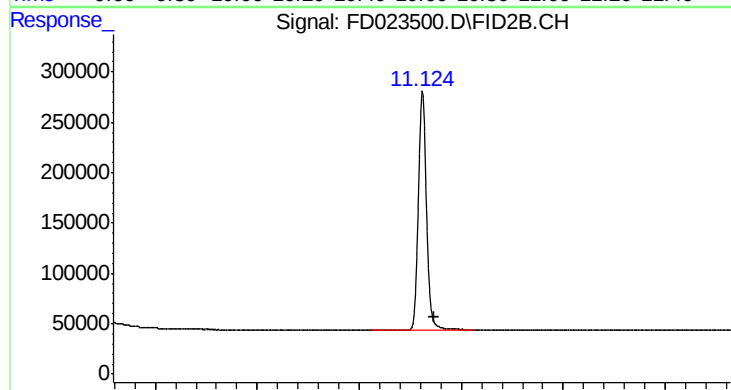
#9 Phenanthrene (C19.36)

R.T.: 10.371 min
Delta R.T.: -0.021 min
Response: 2562826
Conc: 19.36 ug/ml



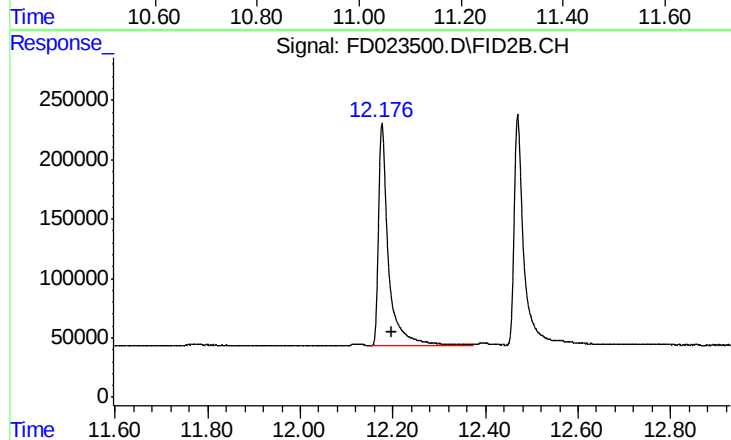
#10 Anthracene (C19.43)

R.T.: 10.450 min
Delta R.T.: -0.021 min
Response: 2619048
Conc: 18.72 ug/ml



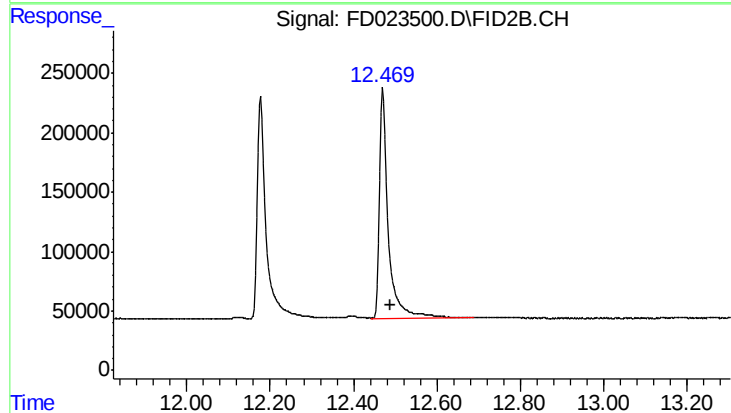
#11 ortho-Terphenyl (SURR)

R.T.: 11.124 min
Delta R.T.: -0.023 min
Response: 2625512
Conc: 18.89 ug/ml



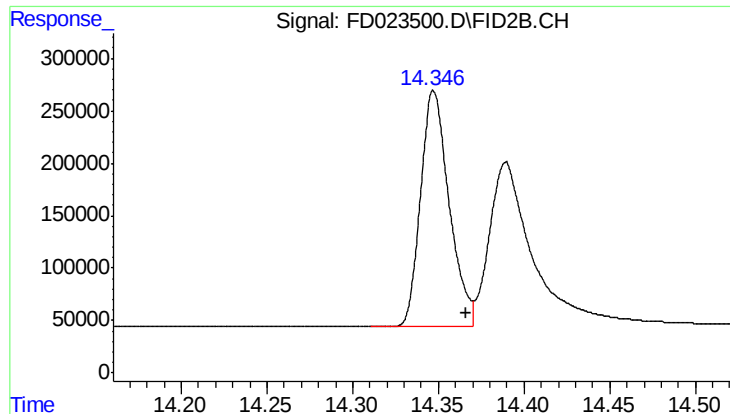
#12 Fluoranthene (C21.85)

R.T.: 12.177 min
Delta R.T.: -0.022 min
Response: 2766426
Conc: 19.91 ug/ml



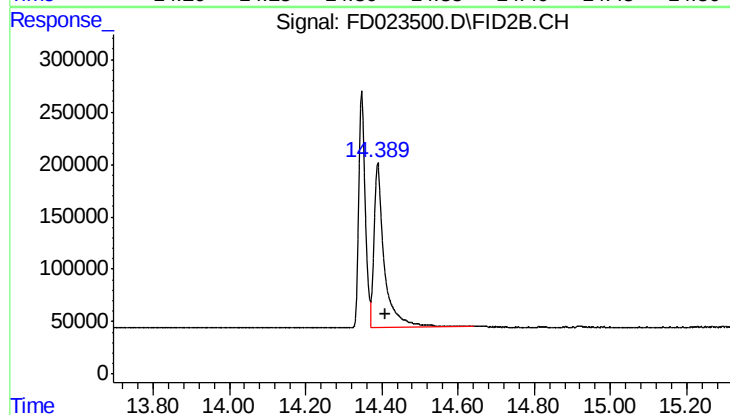
#13 Pyrene (C20.8)

R.T.: 12.470 min
Delta R.T.: -0.020 min
Response: 2836861
Conc: 19.96 ug/ml



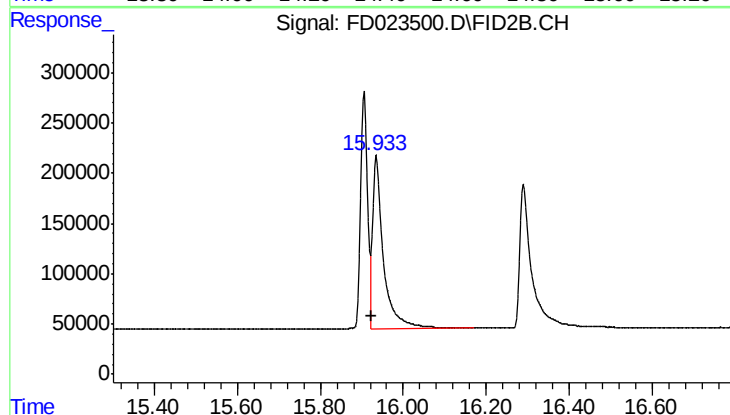
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.347 min
Delta R.T.: -0.019 min
Response: 2607016
Conc: 20.67 ug/ml



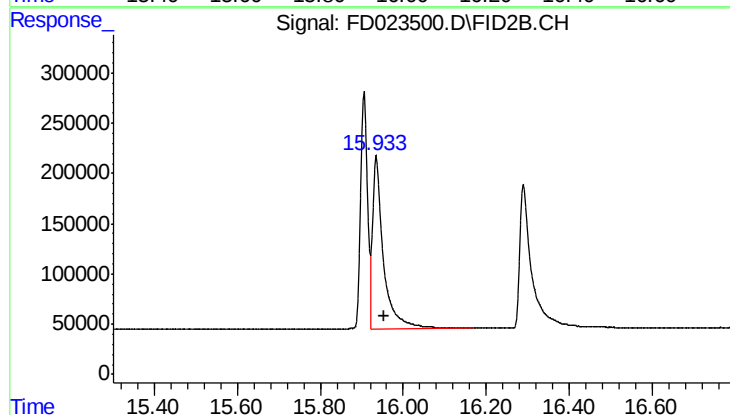
#15 Chrysene (C27.41)

R.T.: 14.389 min
Delta R.T.: -0.019 min
Response: 2953866
Conc: 18.97 ug/ml



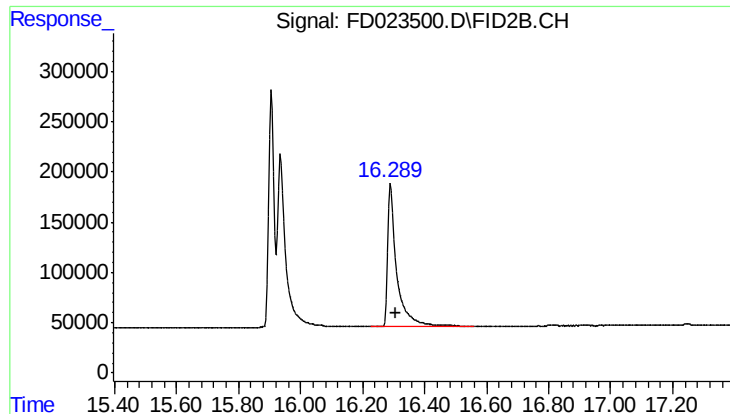
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.935 min
Delta R.T.: 0.012 min
Response: 3158884
Conc: 23.29 ug/ml



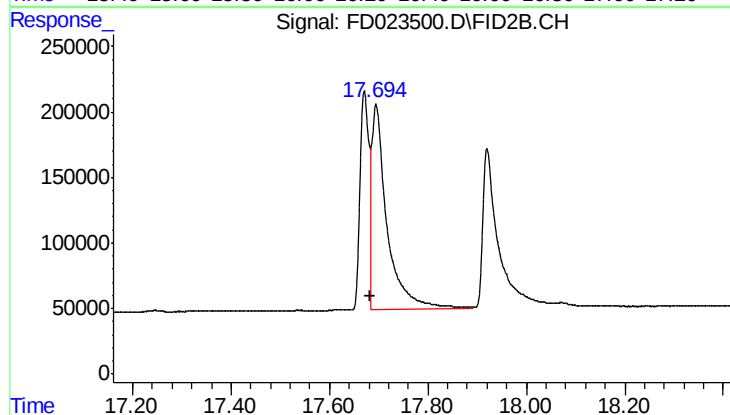
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.935 min
Delta R.T.: -0.020 min
Response: 3158884
Conc: 19.38 ug/ml



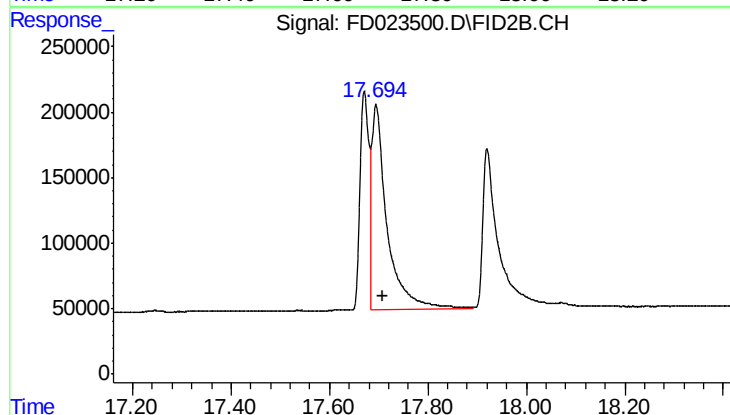
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.289 min
Delta R.T.: -0.016 min
Response: 2864896
Conc: 19.99 ug/ml



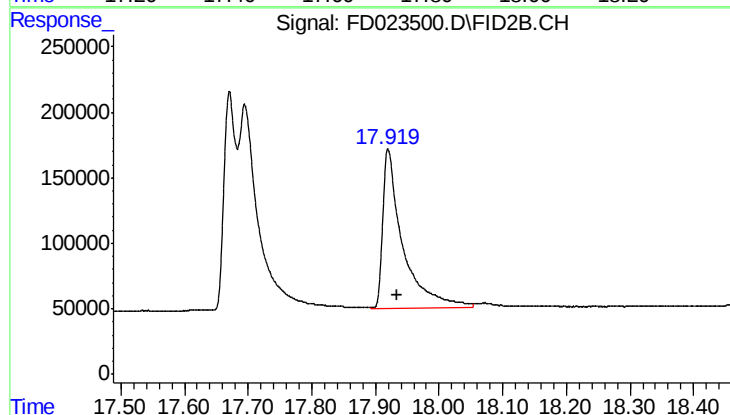
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.695 min
Delta R.T.: 0.011 min
Response: 3454375
Conc: 26.70 ug/ml



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

R.T.: 17.695 min
Delta R.T.: -0.015 min
Response: 3454375
Conc: 20.83 ug/ml



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

R.T.: 17.920 min
Delta R.T.: -0.014 min
Response: 2650446
Conc: 17.94 ug/ml