

Data Path : P:\HPCHEM1\FID D\Data\FD052118AR\
 Data File : FD023795.D
 Signal(s) : FID2B.CH
 Acq On : 22 May 2018 13:03
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 22 19:26:40 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Tue May 22 10:27:34 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...	7.508	1683246	20.962 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
6) S 2-Fluorobiphenyl (SURR)	8.365	1203167	21.087 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.17%
11) S ortho-Terphenyl (SURR)	11.412	1976661	21.258 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	1805317	20.812 ug/ml
2) T Naphthalene (C11.7)	5.842	1913291	20.803 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	1900511	20.985 ug/ml
5) T Acenaphthylene (C15.06)	8.168	1862091	21.010 ug/ml
7) T Acenaphthene (C15.5)	8.464	1950681	21.029 ug/ml
8) T Fluorene (C16.55)	9.244	1976362	21.149 ug/ml
9) T Phenanthrene (C19.36)	10.637	2066550	21.103 ug/ml
10) T Anthracene (C19.43)	10.711	2054183	21.077 ug/ml
12) T Fluoranthene (C21.85)	12.447	2128654	20.822 ug/ml
13) T Pyrene (C20.8)	12.742	2166034	20.941 ug/ml
14) T Benzo[alanthracene (C...	14.615	2086778	20.700 ug/ml
15) T Chrysene (C27.41)	14.657	2099798	20.601 ug/ml
16) T benzo[b]fluoranthene ...	16.165	2065747	20.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.196	2097959	20.481 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.541	1981676	20.122 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	1420928	17.302 ug/ml
20) T Dibenz[fa,h]anthracene...	17.947	1693725	18.808 ug/ml
21) T Benzo[ghi]perylene ...	18.155	1374526	16.491 ug/ml

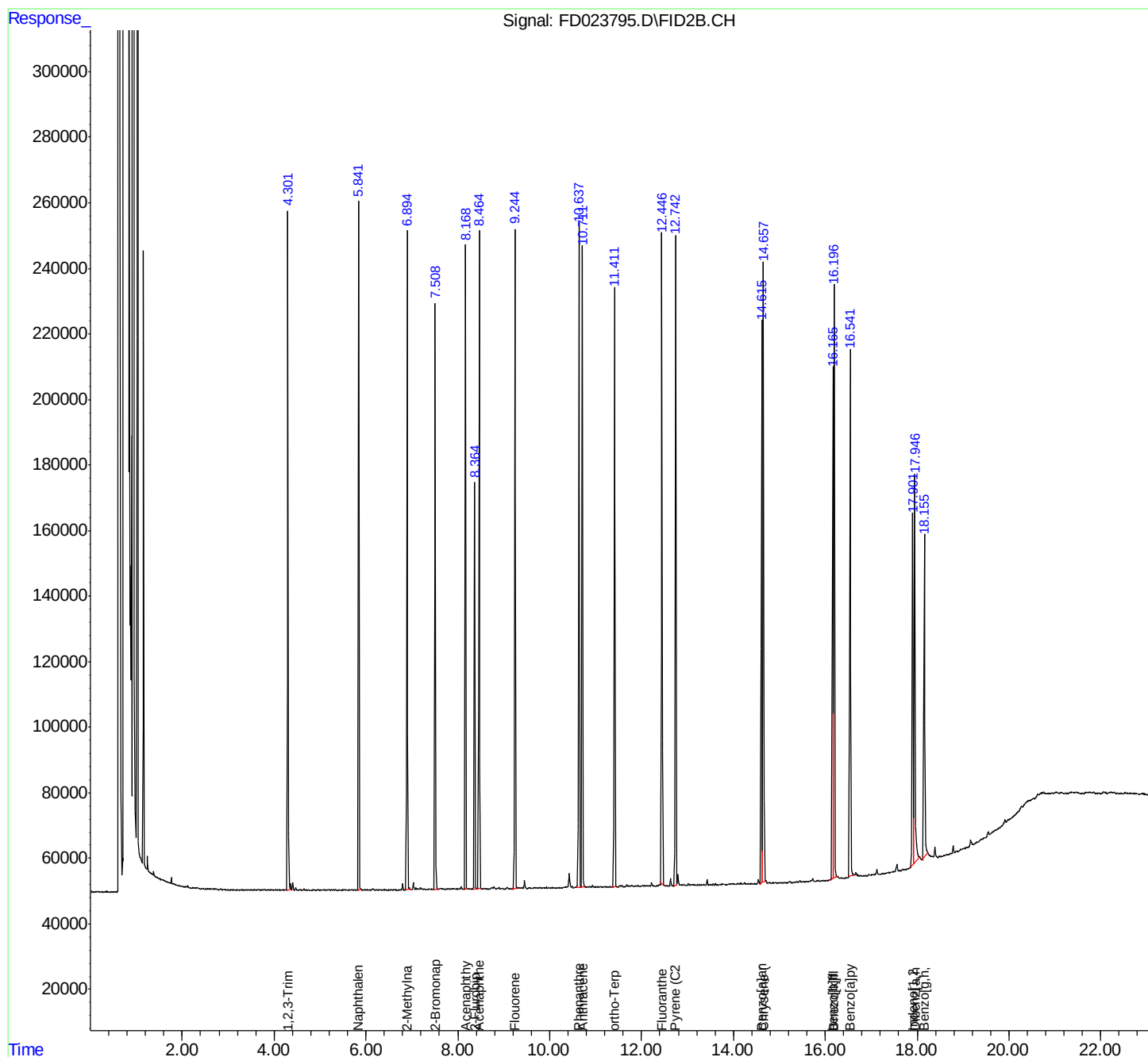
(f)=RT Delta > 1/2 Window

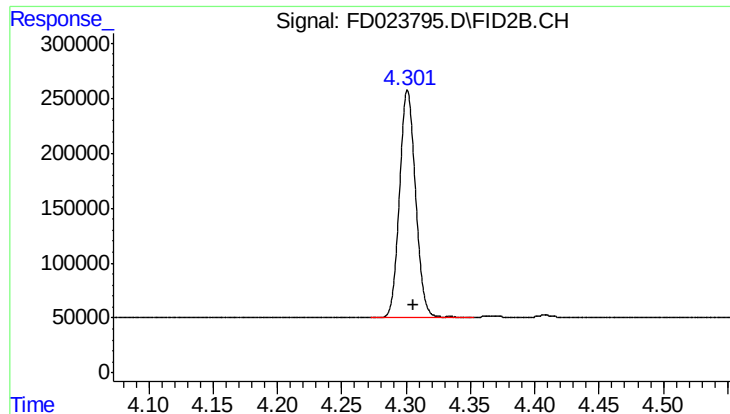
(m)=manual int.

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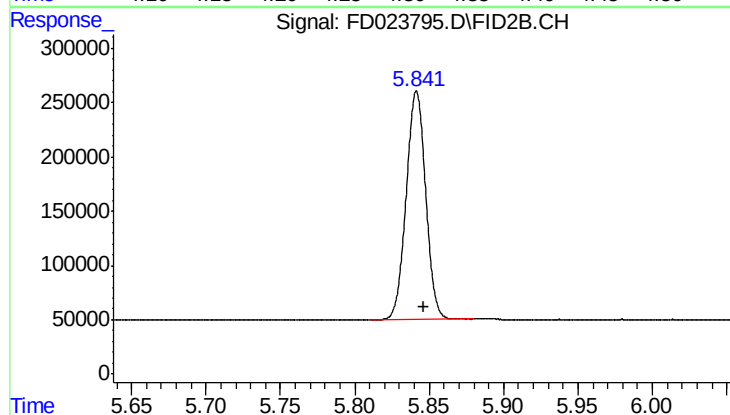
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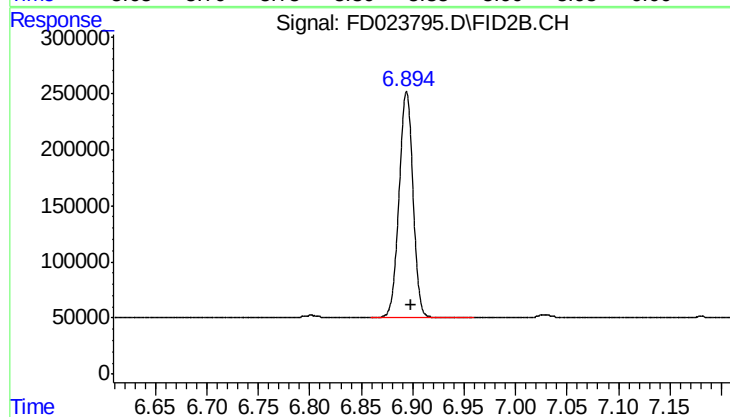
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 1805317
Conc: 20.81 ug/ml



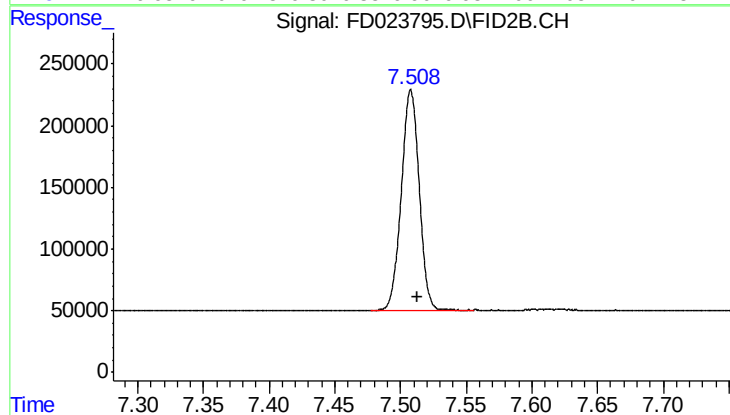
#2 Naphthalene (C11.7)

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 1913291
Conc: 20.80 ug/ml



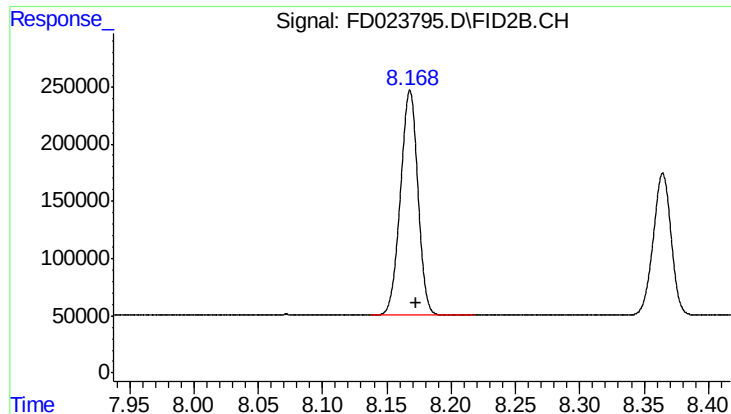
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: -0.005 min
Response: 1900511
Conc: 20.98 ug/ml



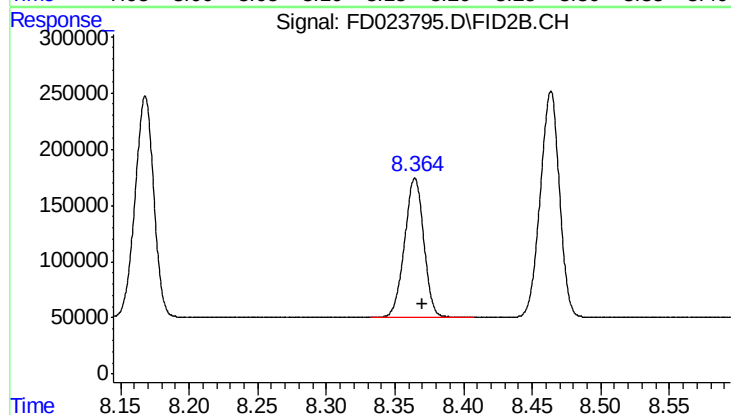
#4 2-Bromonaphthalene (SURR)

R.T.: 7.508 min
Delta R.T.: -0.005 min
Response: 1683246
Conc: 20.96 ug/ml



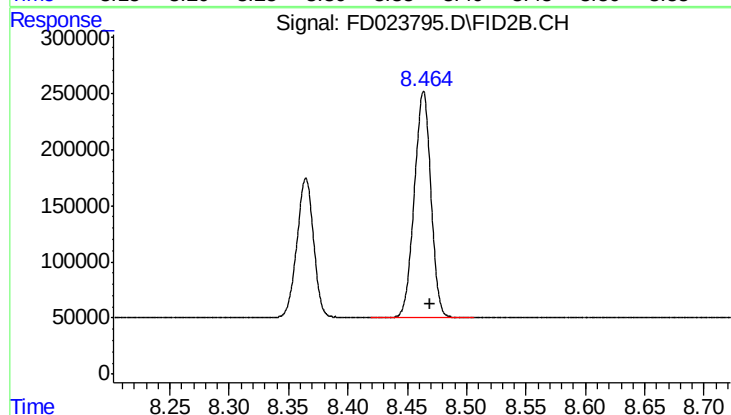
#5 Acenaphthylene (C15.06)

R.T.: 8.168 min
Delta R.T.: -0.005 min
Response: 1862091
Conc: 21.01 ug/ml



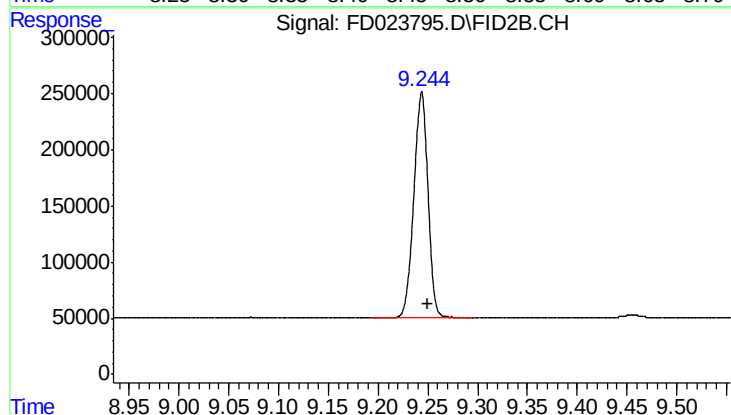
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.365 min
Delta R.T.: -0.005 min
Response: 1203167
Conc: 21.09 ug/ml



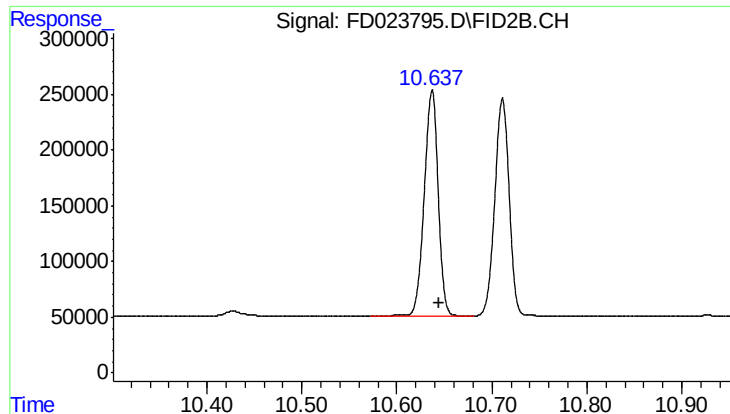
#7 Acenaphthene (C15.5)

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 1950681
Conc: 21.03 ug/ml



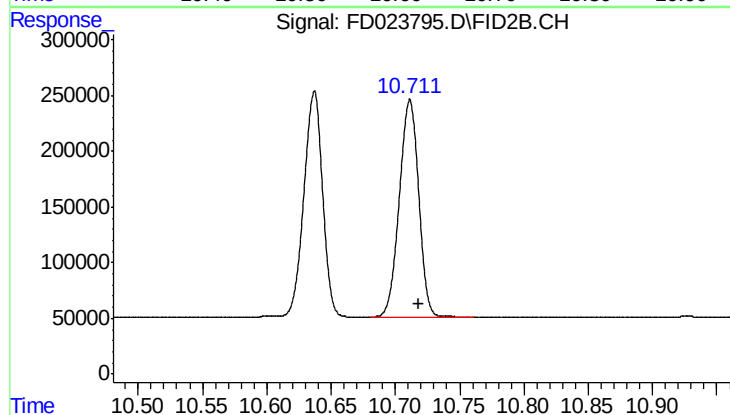
#8 Fluorene (C16.55)

R.T.: 9.244 min
Delta R.T.: -0.006 min
Response: 1976362
Conc: 21.15 ug/ml



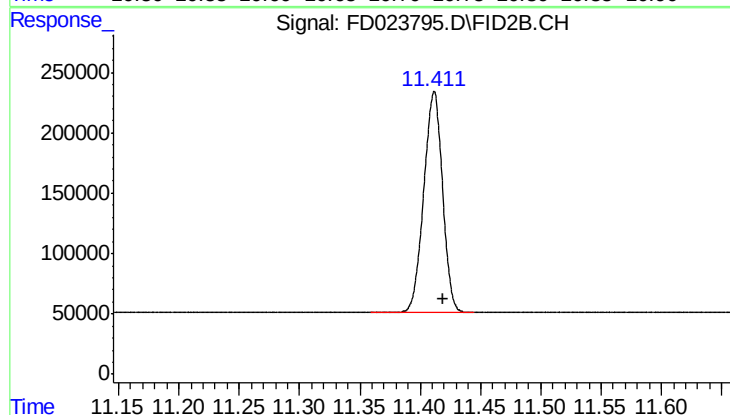
#9 Phenanthrene (C19.36)

R.T.: 10.637 min
Delta R.T.: -0.007 min
Response: 2066550
Conc: 21.10 ug/ml



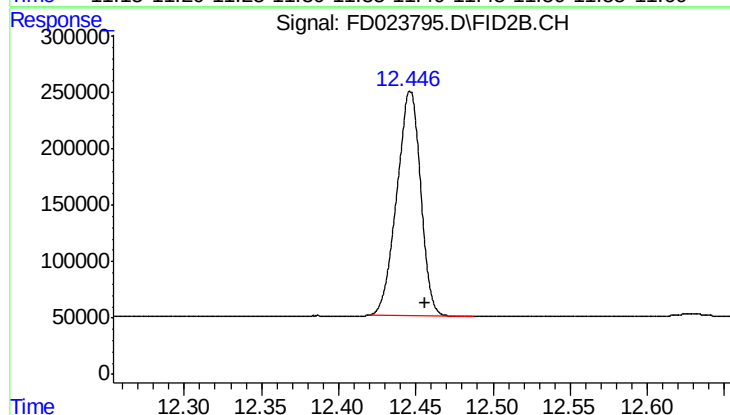
#10 Anthracene (C19.43)

R.T.: 10.711 min
Delta R.T.: -0.007 min
Response: 2054183
Conc: 21.08 ug/ml



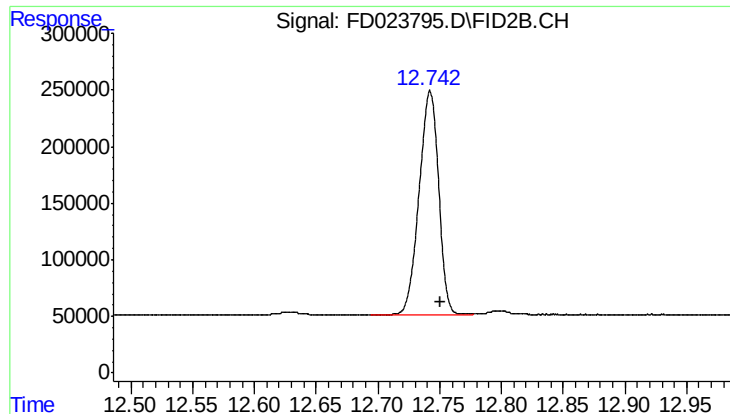
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.007 min
Response: 1976661
Conc: 21.26 ug/ml



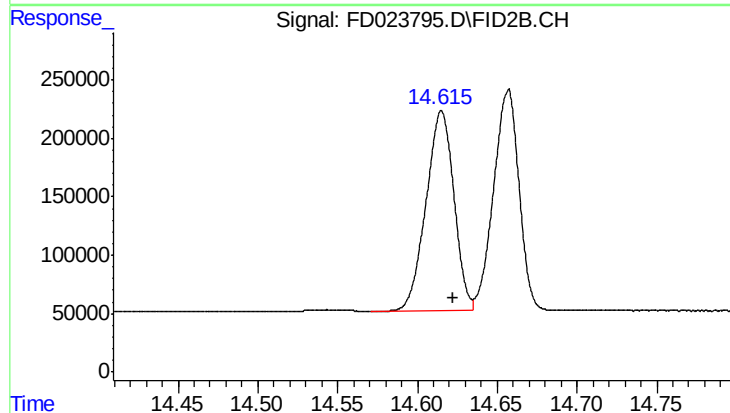
#12 Fluoranthene (C21.85)

R.T.: 12.447 min
Delta R.T.: -0.009 min
Response: 2128654
Conc: 20.82 ug/ml



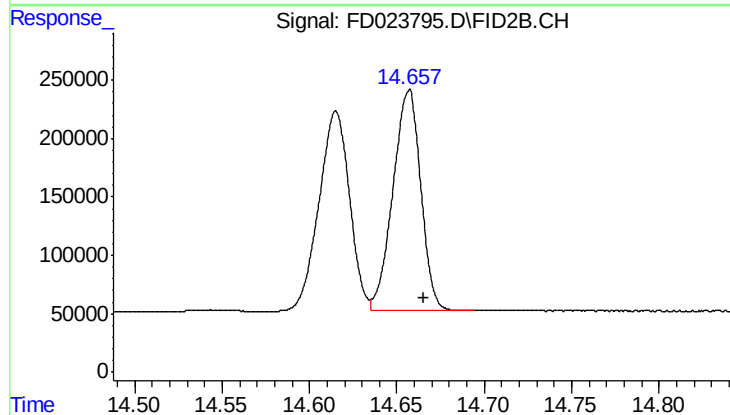
#13 Pyrene (C20.8)

R.T.: 12.742 min
Delta R.T.: -0.009 min
Response: 2166034
Conc: 20.94 ug/ml



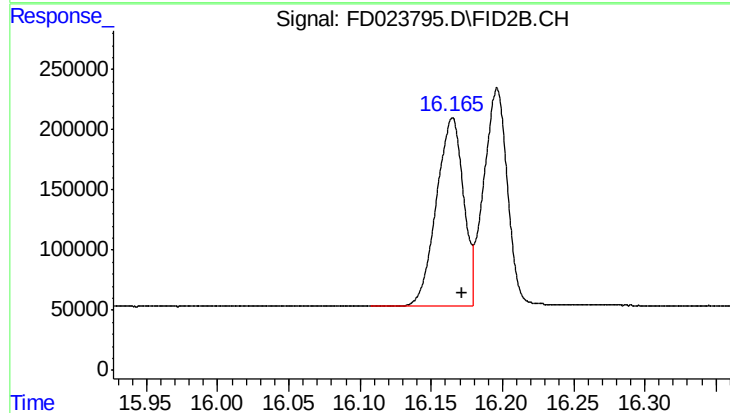
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: -0.008 min
Response: 2086778
Conc: 20.70 ug/ml



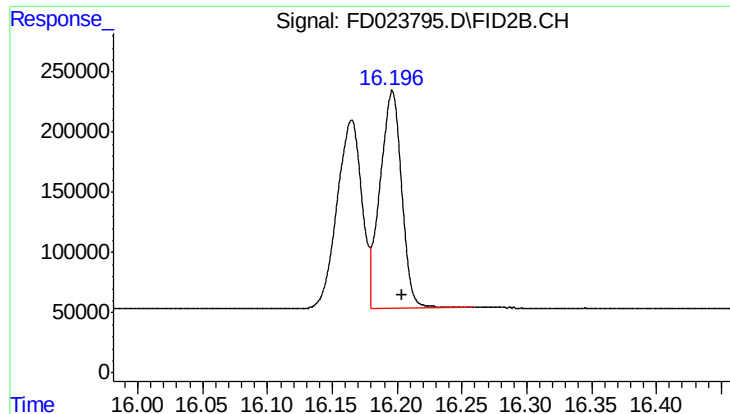
#15 Chrysene (C27.41)

R.T.: 14.657 min
Delta R.T.: -0.008 min
Response: 2099798
Conc: 20.60 ug/ml



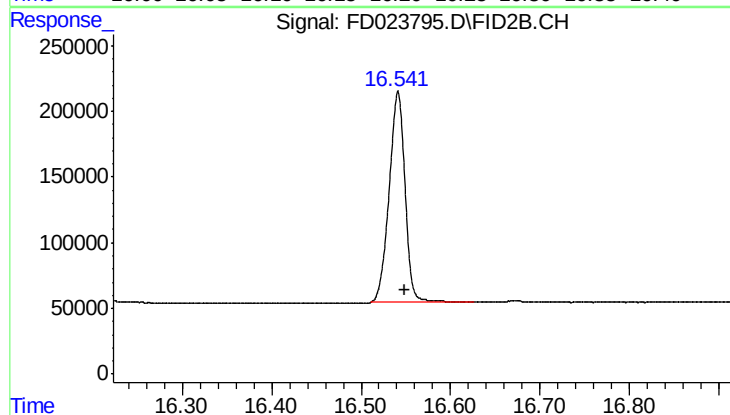
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.165 min
Delta R.T.: -0.007 min
Response: 2065747
Conc: 20.46 ug/ml



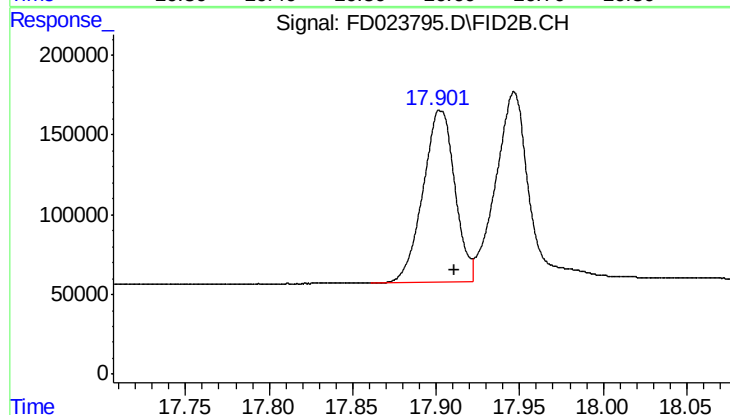
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.196 min
Delta R.T.: -0.008 min
Response: 2097959
Conc: 20.48 ug/ml



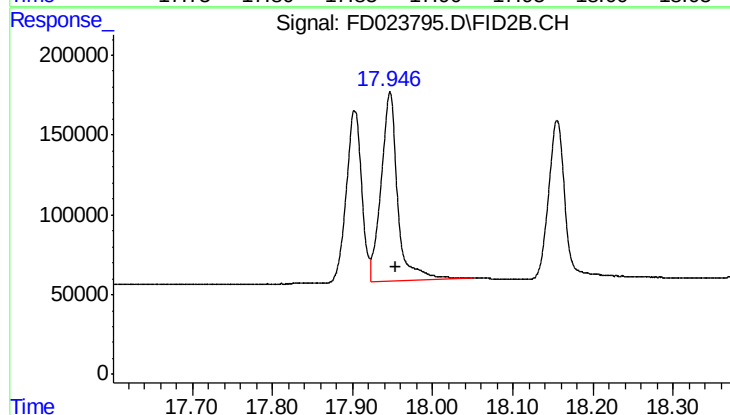
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.541 min
Delta R.T.: -0.008 min
Response: 1981676
Conc: 20.12 ug/ml



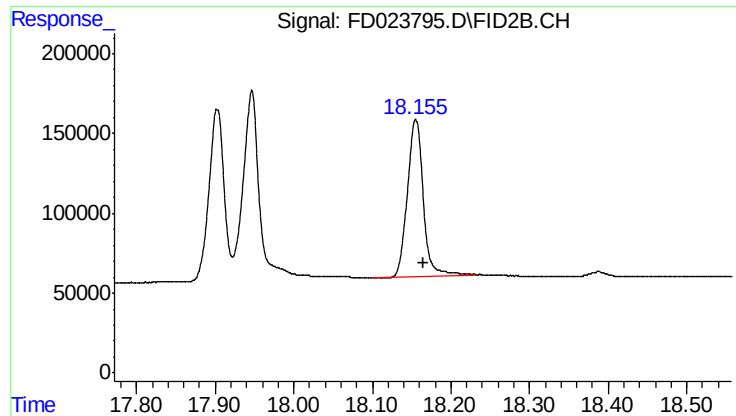
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.903 min
Delta R.T.: -0.008 min
Response: 1420928
Conc: 17.30 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.008 min
Response: 1693725
Conc: 18.81 ug/ml



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

R.T.: 18.155 min
Delta R.T.: -0.009 min
Response: 1374526
Conc: 16.49 ug/ml