

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080520AR\
 Data File : FD034355.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2020 8:01
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 08:42:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 2020
 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...	7.698	2681780	22.939 ug/ml
Spiked Amount 50.000		Recovery =	45.88%
6) S 2-Fluorobiphenyl (SURR)	8.564	1891851	22.820 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.64%
11) S ortho-Terphenyl (SURR)	11.605	3023983	22.252 ug/ml
Spiked Amount 50.000		Recovery =	44.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	2963633	23.251 ug/ml
2) T Naphthalene (C11.7)	6.036	3098389	23.159 ug/ml
3) T 2-Methylnaphthalene (...)	7.089	3108604	23.030 ug/ml
5) T Acenaphthylene (C15.06)	8.367	2991578	22.604 ug/ml
7) T Acenaphthene (C15.5)	8.663	3061437	22.764 ug/ml
8) T Fluorene (C16.55)	9.444	3000046	22.571 ug/ml
9) T Phenanthrene (C19.36)	10.842	2993114	22.330 ug/ml
10) T Anthracene (C19.43)	10.917	2889555	21.771 ug/ml
12) T Fluoranthene (C21.85)	12.654	3019075	22.213 ug/ml
13) T Pyrene (C20.8)	12.952	2932964	22.026 ug/ml
14) T Benzo[a]anthracene (C...	14.823	2887592	22.001 ug/ml
15) T Chrysene (C27.41)	14.865	2895682	22.086 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2863727	22.384 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2756955	22.259 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2793542	22.312 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	2758424	22.925 ug/ml
20) T Dibenz[a,h]anthracene...	18.151	2830809	23.979 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	2757124	23.269 ug/ml

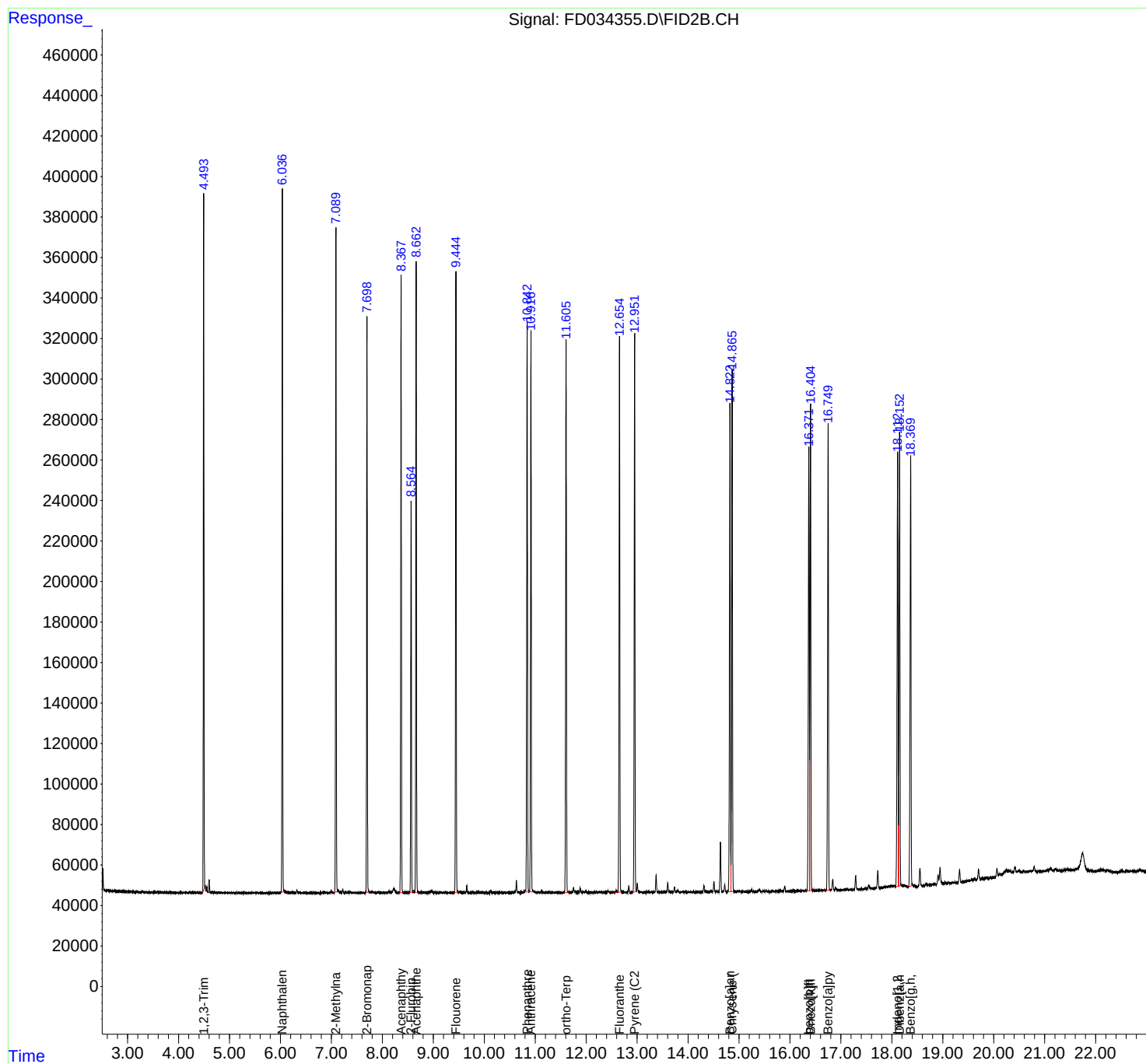
(f)=RT Delta > 1/2 Window

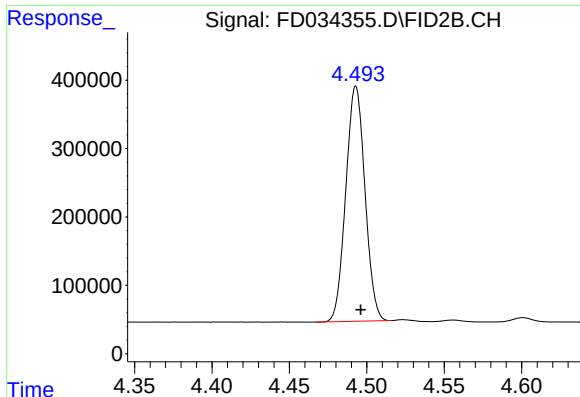
(m)=manual int.

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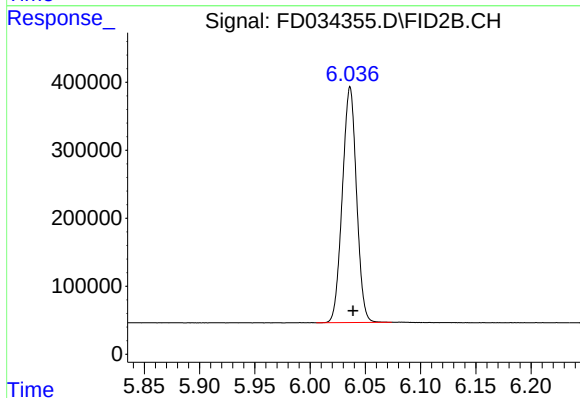
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Signal Info : 20M x 0.18mm x 0.18µm





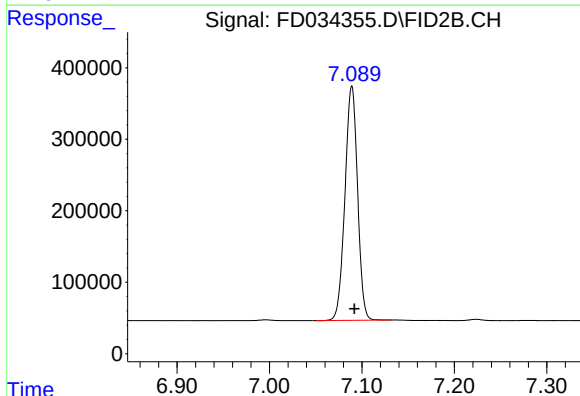
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.493 min
Delta R.T.: -0.003 min
Response: 2963633
Conc: 23.25 ug/ml



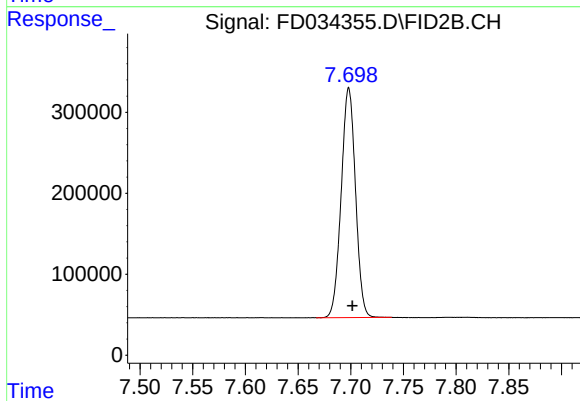
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.003 min
Response: 3098389
Conc: 23.16 ug/ml



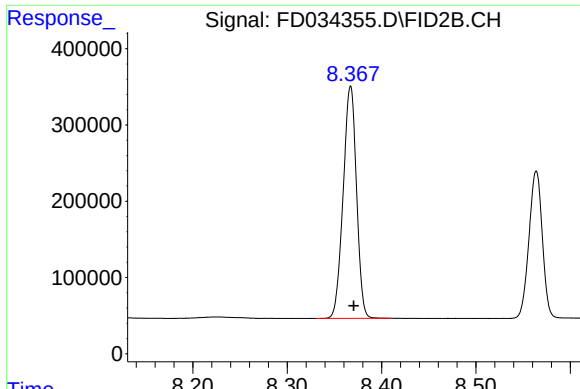
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 3108604
Conc: 23.03 ug/ml



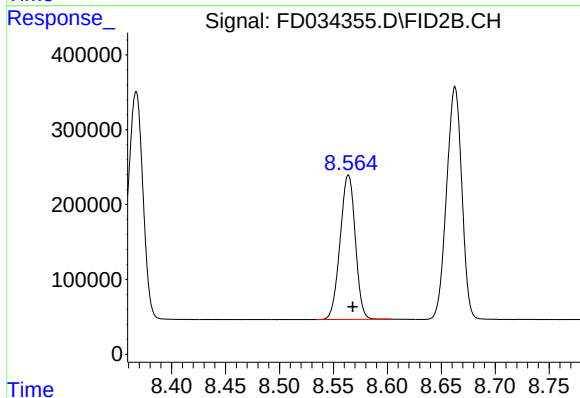
#4 2-Bromonaphthalene (SURR)

R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 2681780
Conc: 22.94 ug/ml



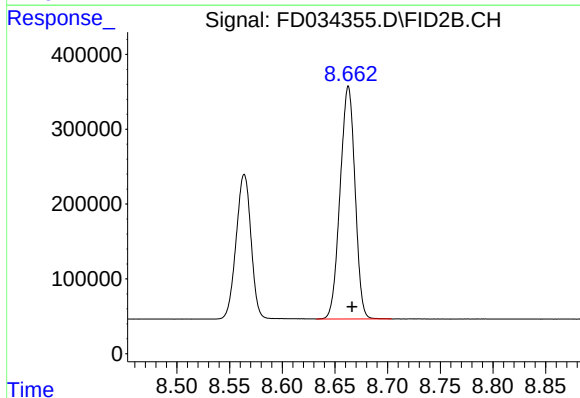
#5 Acenaphthylene (C15.06)

R.T.: 8.367 min
Delta R.T.: -0.004 min
Response: 2991578
Conc: 22.60 ug/ml



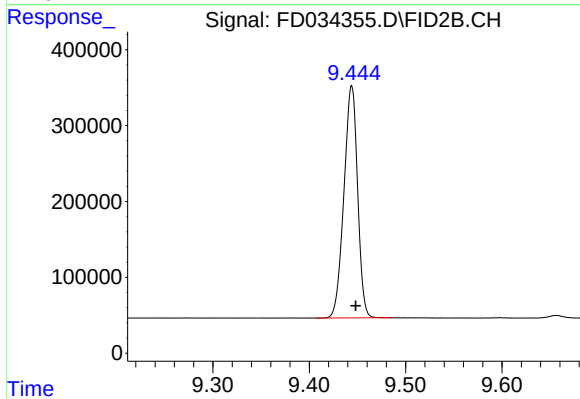
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: -0.004 min
Response: 1891851
Conc: 22.82 ug/ml



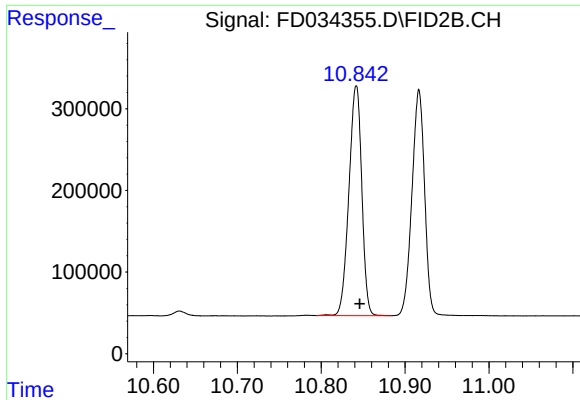
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 3061437
Conc: 22.76 ug/ml



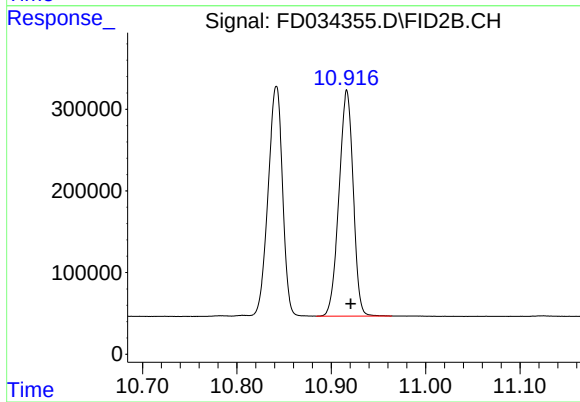
#8 Fluorene (C16.55)

R.T.: 9.444 min
Delta R.T.: -0.004 min
Response: 3000046
Conc: 22.57 ug/ml



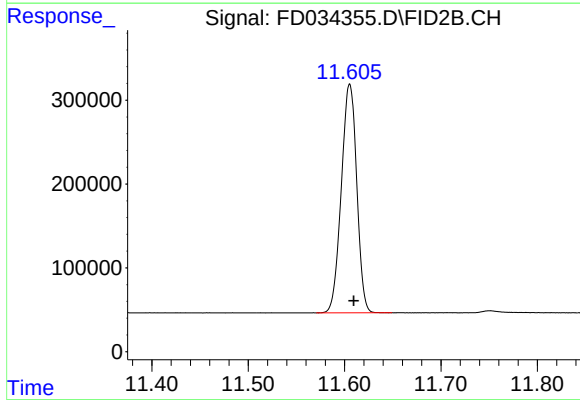
#9 Phenanthrene (C19.36)

R.T.: 10.842 min
Delta R.T.: -0.004 min
Response: 2993114
Conc: 22.33 ug/ml



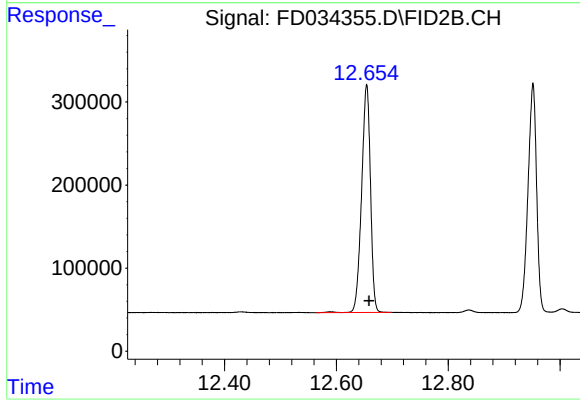
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: -0.004 min
Response: 2889555
Conc: 21.77 ug/ml



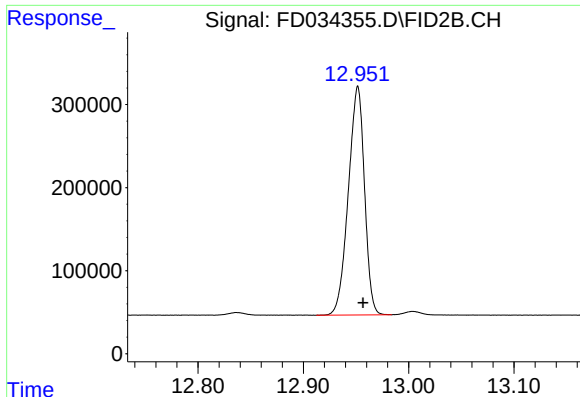
#11 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: -0.004 min
Response: 3023983
Conc: 22.25 ug/ml



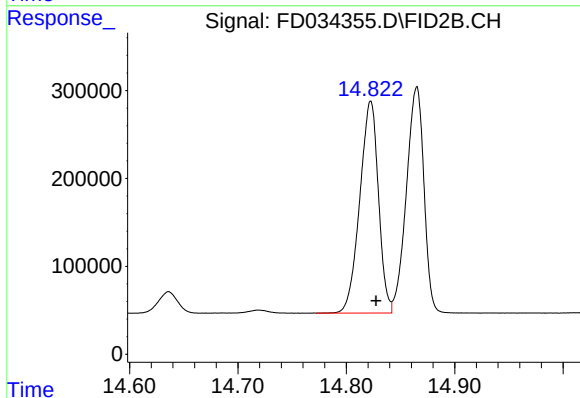
#12 Fluoranthene (C21.85)

R.T.: 12.654 min
Delta R.T.: -0.004 min
Response: 3019075
Conc: 22.21 ug/ml



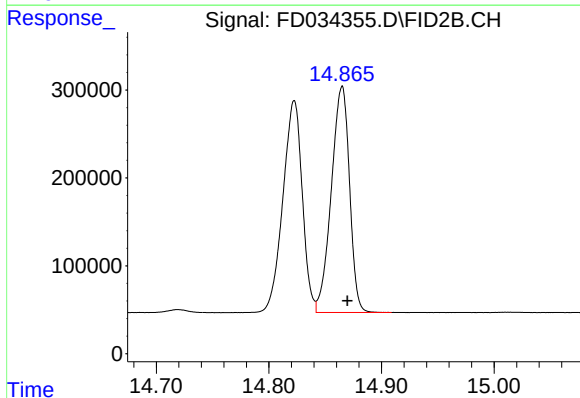
#13 Pyrene (C20.8)

R.T.: 12.952 min
Delta R.T.: -0.005 min
Response: 2932964
Conc: 22.03 ug/ml



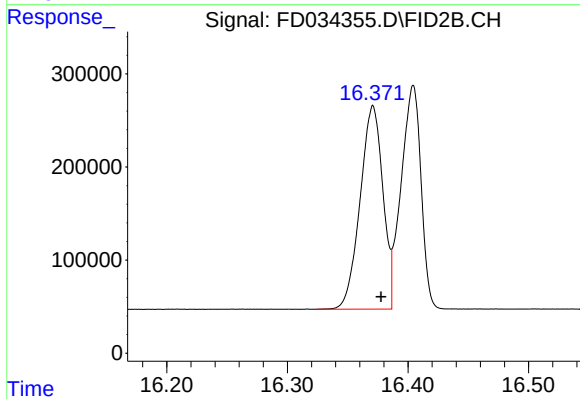
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.823 min
Delta R.T.: -0.005 min
Response: 2887592
Conc: 22.00 ug/ml



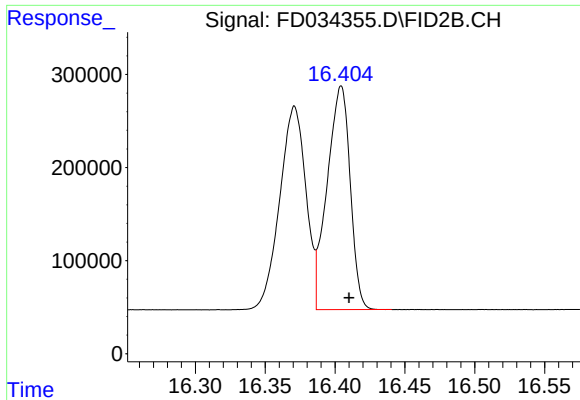
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: -0.005 min
Response: 2895682
Conc: 22.09 ug/ml



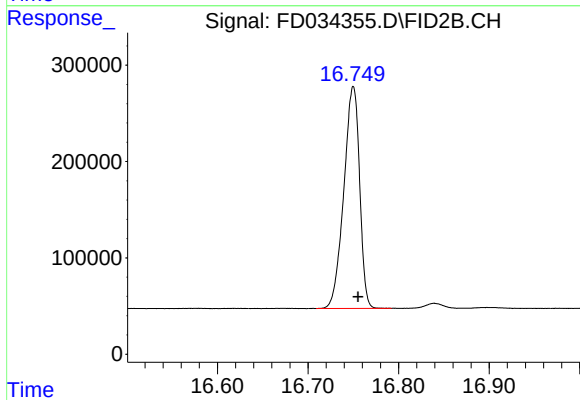
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.371 min
Delta R.T.: -0.007 min
Response: 2863727
Conc: 22.38 ug/ml



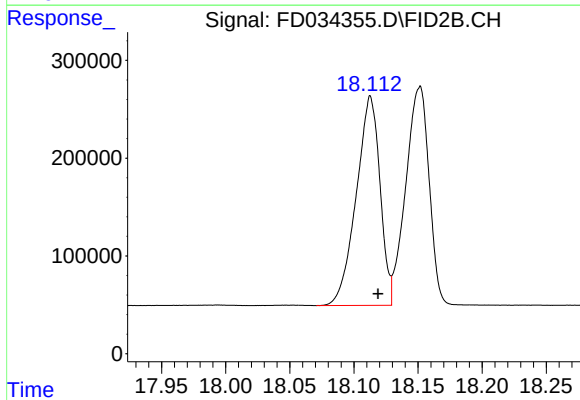
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.404 min
Delta R.T.: -0.006 min
Response: 2756955
Conc: 22.26 ug/ml



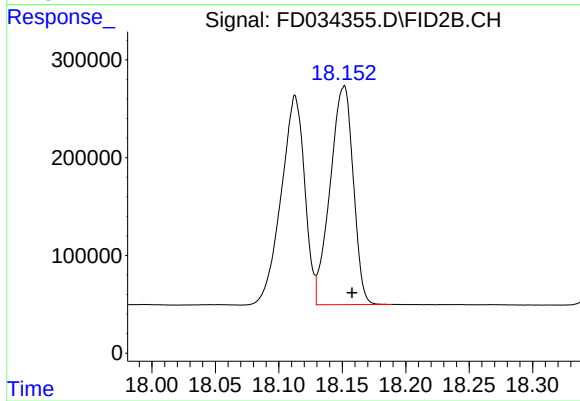
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: -0.005 min
Response: 2793542
Conc: 22.31 ug/ml



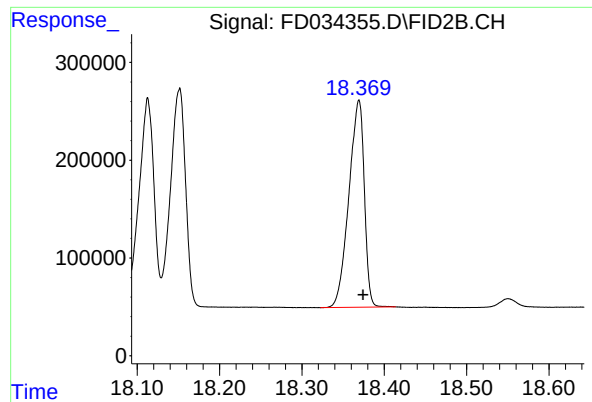
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: -0.006 min
Response: 2758424
Conc: 22.92 ug/ml



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

R.T.: 18.151 min
Delta R.T.: -0.006 min
Response: 2830809
Conc: 23.98 ug/ml



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

R.T.: 18.369 min
Delta R.T.: -0.005 min
Response: 2757124
Conc: 23.27 ug/ml