

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081419AR\
 Data File : FD030069.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2019 4:02
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 14 05:10:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 09 05:48:54 2019
 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...	7.666	2841240	18.475 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
6) S 2-Fluorobiphenyl (SURR)	8.529	1872089	17.917 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.83%
11) S ortho-Terphenyl (SURR)	11.565	2833081	17.160 ug/ml
Spiked Amount 50.000		Recovery =	34.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.468	3199010	19.337 ug/ml
2) T Naphthalene (C11.7)	6.006	3288630	18.853 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	3188994	18.559 ug/ml
5) T Acenaphthylene (C15.06)	8.334	2950278	17.796 ug/ml
7) T Acenaphthene (C15.5)	8.628	3087518	18.013 ug/ml
8) T Fluorene (C16.55)	9.408	3000846	17.663 ug/ml
9) T Phenanthrene (C19.36)	10.802	2866387	17.008 ug/ml
10) T Anthracene (C19.43)	10.877	2685269	16.395 ug/ml
12) T Fluoranthene (C21.85)	12.611	2702430	16.257 ug/ml
13) T Pyrene (C20.8)	12.908	2653884	16.065 ug/ml
14) T Benzo[a]anthracene (C...	14.773	2373723	15.605 ug/ml
15) T Chrysene (C27.41)	14.816	2385359	15.626 ug/ml
16) T benzo[b]fluoranthene ...	16.320	2329130	16.255 ug/ml
17) T Bnezo[k]fluoranthene ...	16.352	2321764	16.315 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	2312041	16.686 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.058	2330623	18.590 ug/ml
20) T Dibenz[a,h]anthracene...	18.097	2331007	18.873 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	2336318	19.213 ug/ml

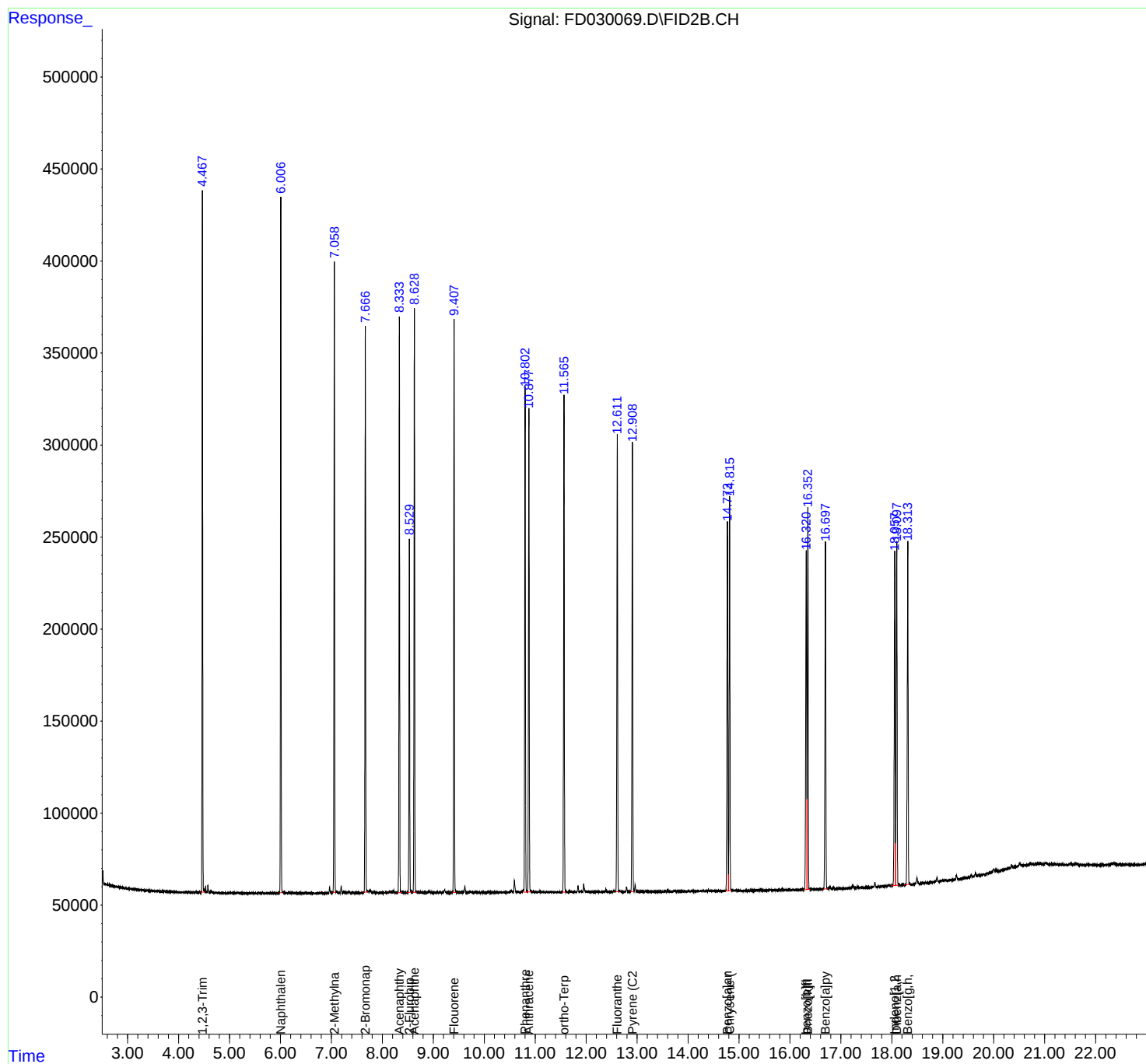
(f)=RT Delta > 1/2 Window

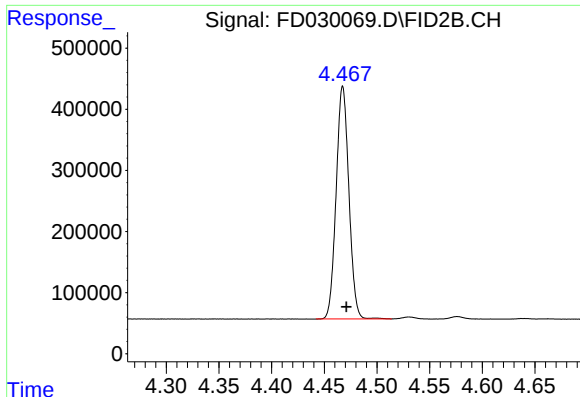
(m)=manual int.

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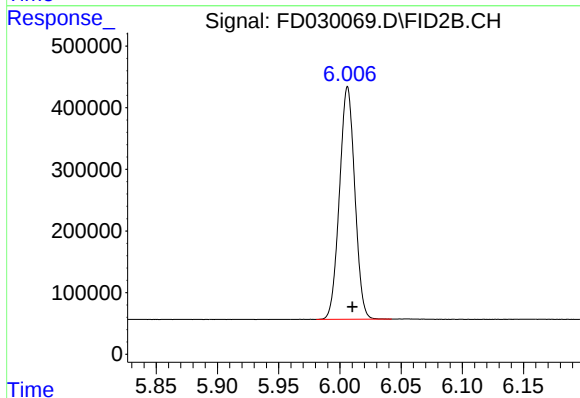
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





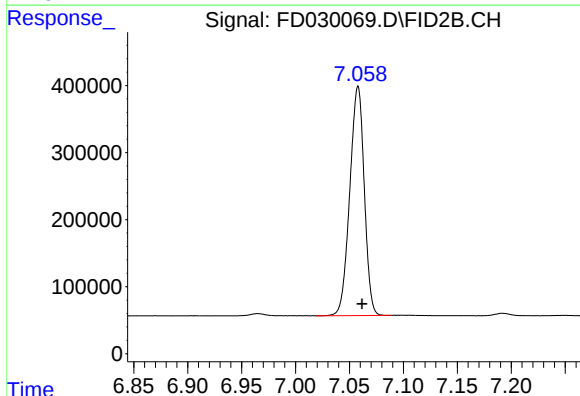
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 3199010
Conc: 19.34 ug/ml



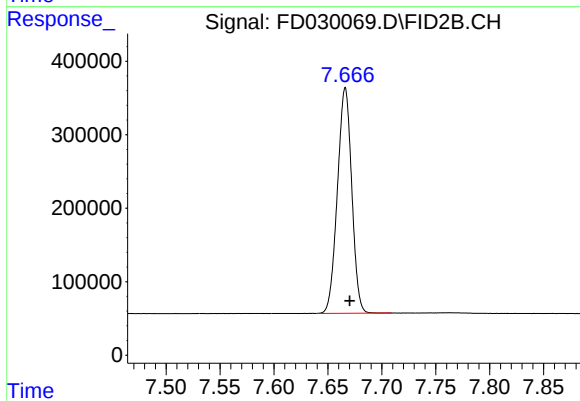
#2 Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.004 min
Response: 3288630
Conc: 18.85 ug/ml



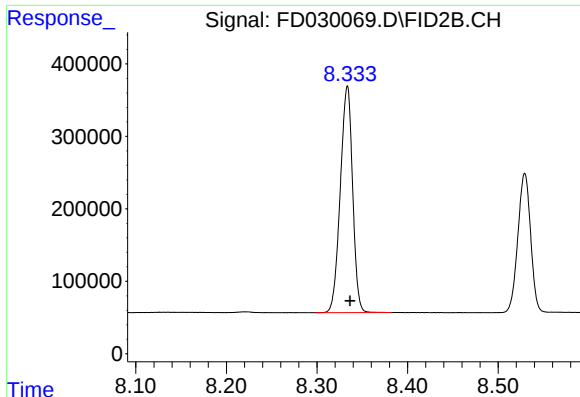
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: -0.004 min
Response: 3188994
Conc: 18.56 ug/ml



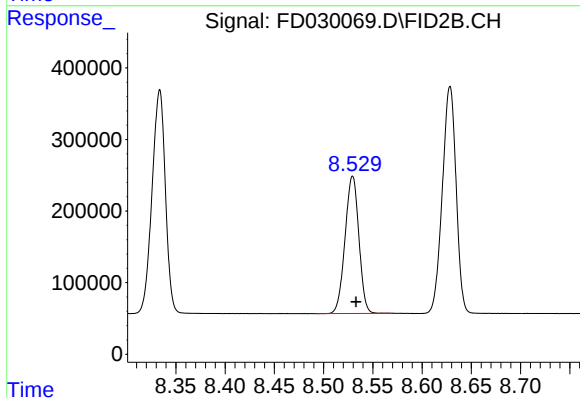
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.004 min
Response: 2841240
Conc: 18.47 ug/ml



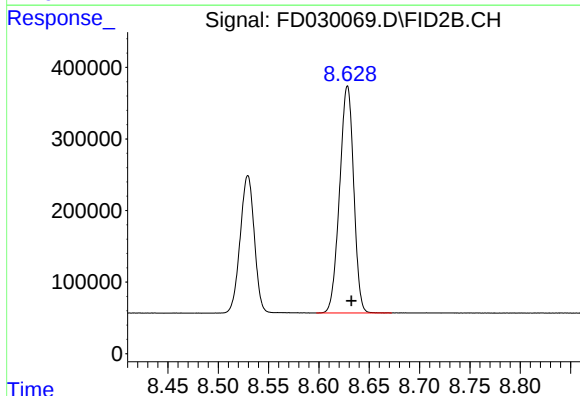
#5 Acenaphthylene (C15.06)

R.T.: 8.334 min
Delta R.T.: -0.003 min
Response: 2950278
Conc: 17.80 ug/ml



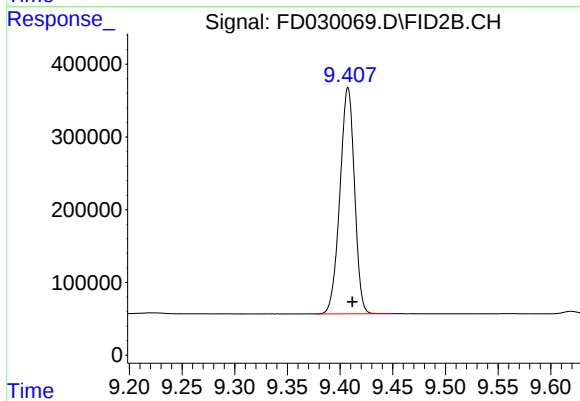
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: -0.003 min
Response: 1872089
Conc: 17.92 ug/ml



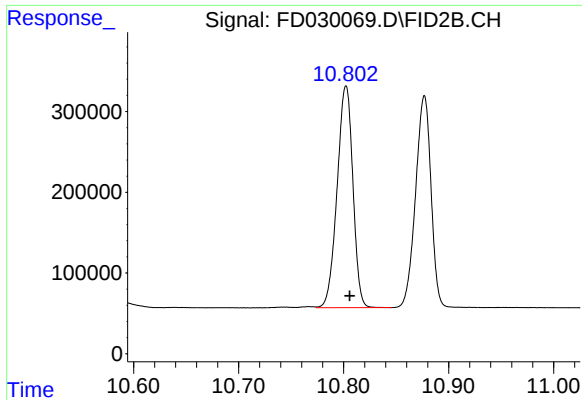
#7 Acenaphthene (C15.5)

R.T.: 8.628 min
Delta R.T.: -0.004 min
Response: 3087518
Conc: 18.01 ug/ml



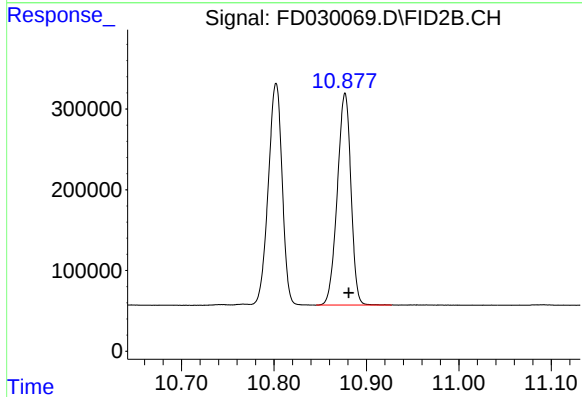
#8 Fluorene (C16.55)

R.T.: 9.408 min
Delta R.T.: -0.004 min
Response: 3000846
Conc: 17.66 ug/ml



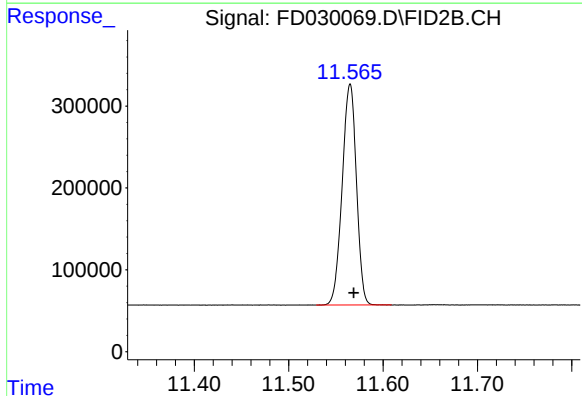
#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.004 min
Response: 2866387
Conc: 17.01 ug/ml



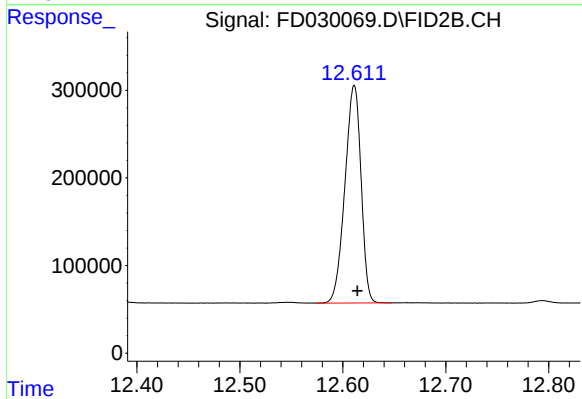
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: -0.004 min
Response: 2685269
Conc: 16.40 ug/ml



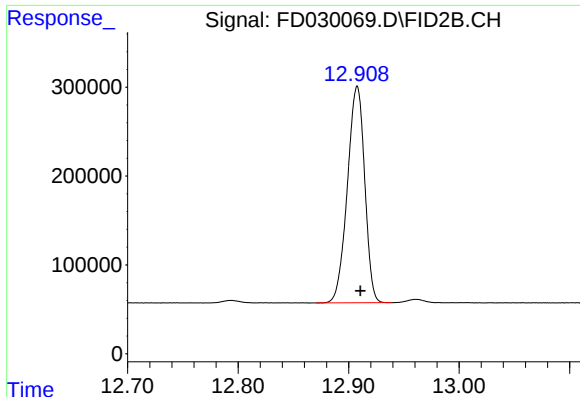
#11 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.004 min
Response: 2833081
Conc: 17.16 ug/ml



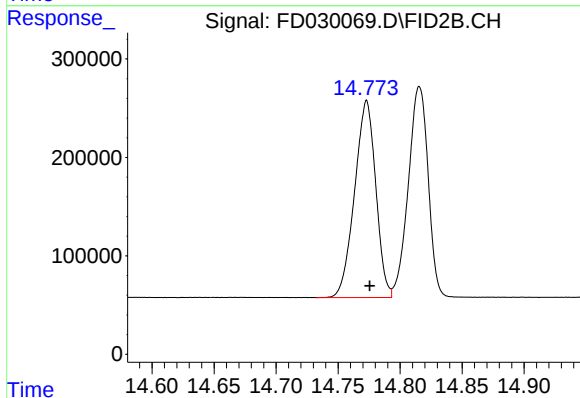
#12 Fluoranthene (C21.85)

R.T.: 12.611 min
Delta R.T.: -0.003 min
Response: 2702430
Conc: 16.26 ug/ml



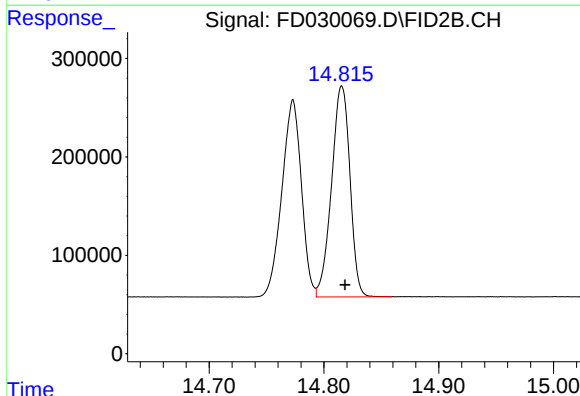
#13 Pyrene (C20.8)

R.T.: 12.908 min
Delta R.T.: -0.003 min
Response: 2653884
Conc: 16.07 ug/ml



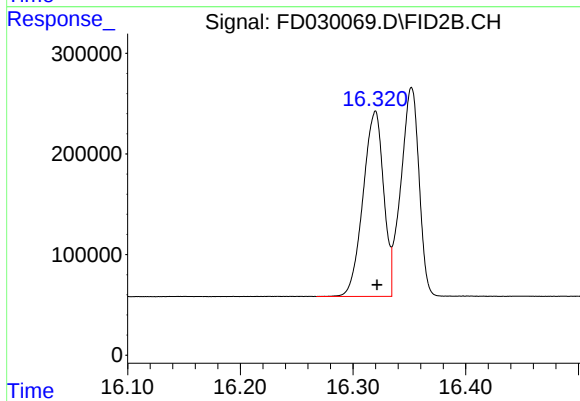
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.773 min
Delta R.T.: -0.003 min
Response: 2373723
Conc: 15.61 ug/ml



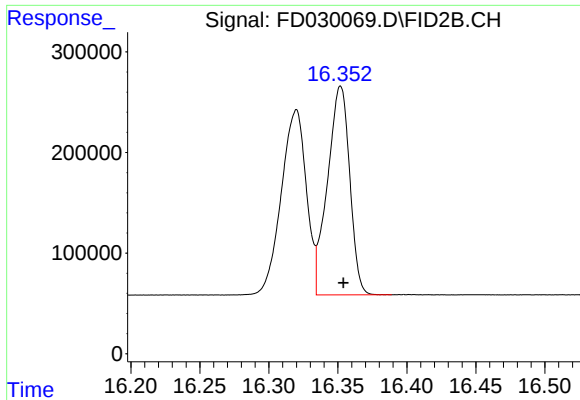
#15 Chrysene (C27.41)

R.T.: 14.816 min
Delta R.T.: -0.003 min
Response: 2385359
Conc: 15.63 ug/ml



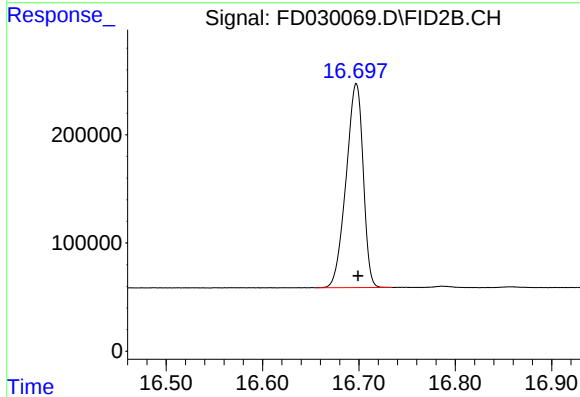
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.320 min
Delta R.T.: -0.001 min
Response: 2329130
Conc: 16.25 ug/ml



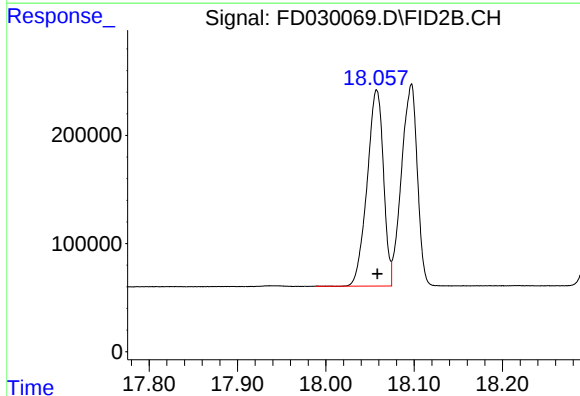
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.352 min
Delta R.T.: -0.002 min
Response: 2321764
Conc: 16.31 ug/ml



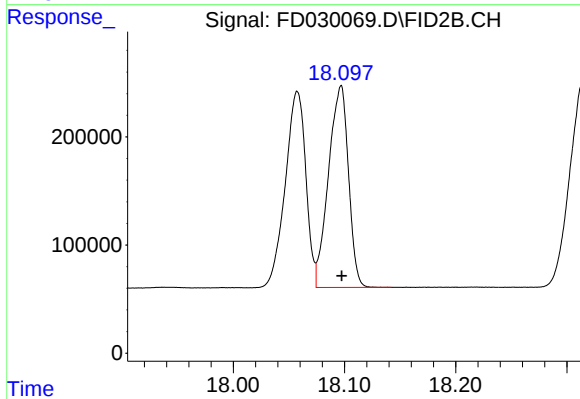
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: -0.002 min
Response: 2312041
Conc: 16.69 ug/ml



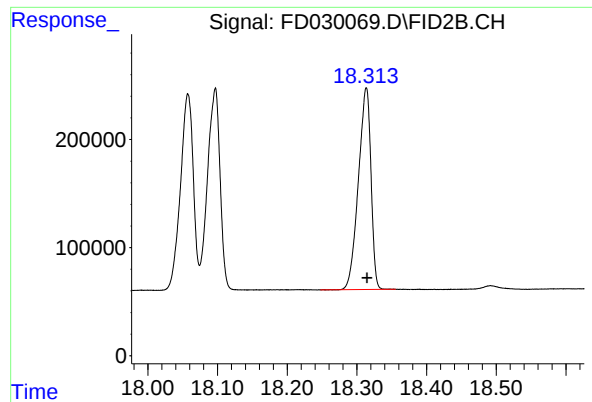
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.058 min
Delta R.T.: 0.000 min
Response: 2330623
Conc: 18.59 ug/ml



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

R.T.: 18.097 min
Delta R.T.: 0.000 min
Response: 2331007
Conc: 18.87 ug/ml



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

R.T.: 18.314 min
Delta R.T.: -0.001 min
Response: 2336318
Conc: 19.21 ug/ml