

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070119AR\
 Data File : FD029678.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jul 2019 23:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 03 07:32:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 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...	7.703	2393493	20.601 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
6) S 2-Fluorobiphenyl (SURR)	8.566	1579866	19.931 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.86%
11) S ortho-Terphenyl (SURR)	11.602	2440235	19.016 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2693858	22.050 ug/ml
2) T Naphthalene (C11.7)	6.043	2767371	21.235 ug/ml
3) T 2-Methylnaphthalene (...)	7.094	2682573	20.781 ug/ml
5) T Acenaphthylene (C15.06)	8.370	2506433	19.825 ug/ml
7) T Acenaphthene (C15.5)	8.666	2617378	20.059 ug/ml
8) T Fluorene (C16.55)	9.445	2549982	19.597 ug/ml
9) T Phenanthrene (C19.36)	10.840	2485389	18.941 ug/ml
10) T Anthracene (C19.43)	10.914	2416282	18.696 ug/ml
12) T Fluoranthene (C21.85)	12.649	2439522	18.549 ug/ml
13) T Pyrene (C20.8)	12.946	2433290	18.478 ug/ml
14) T Benzo[a]anthracene (C...	14.811	2324197	18.482 ug/mlm
15) T Chrysene (C27.41)	14.854	2347568	18.618 ug/ml
16) T benzo[b]fluoranthene ...	16.357	2374834	19.176 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.391	2350723	19.085 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.736	2344143	19.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.097	2333388	19.777 ug/mlm
20) T Dibenz[a,h]anthracene...	18.137	2331384	20.140 ug/ml
21) T Benzo[g,h,i]perylene ...	18.352	2334563	20.110 ug/ml

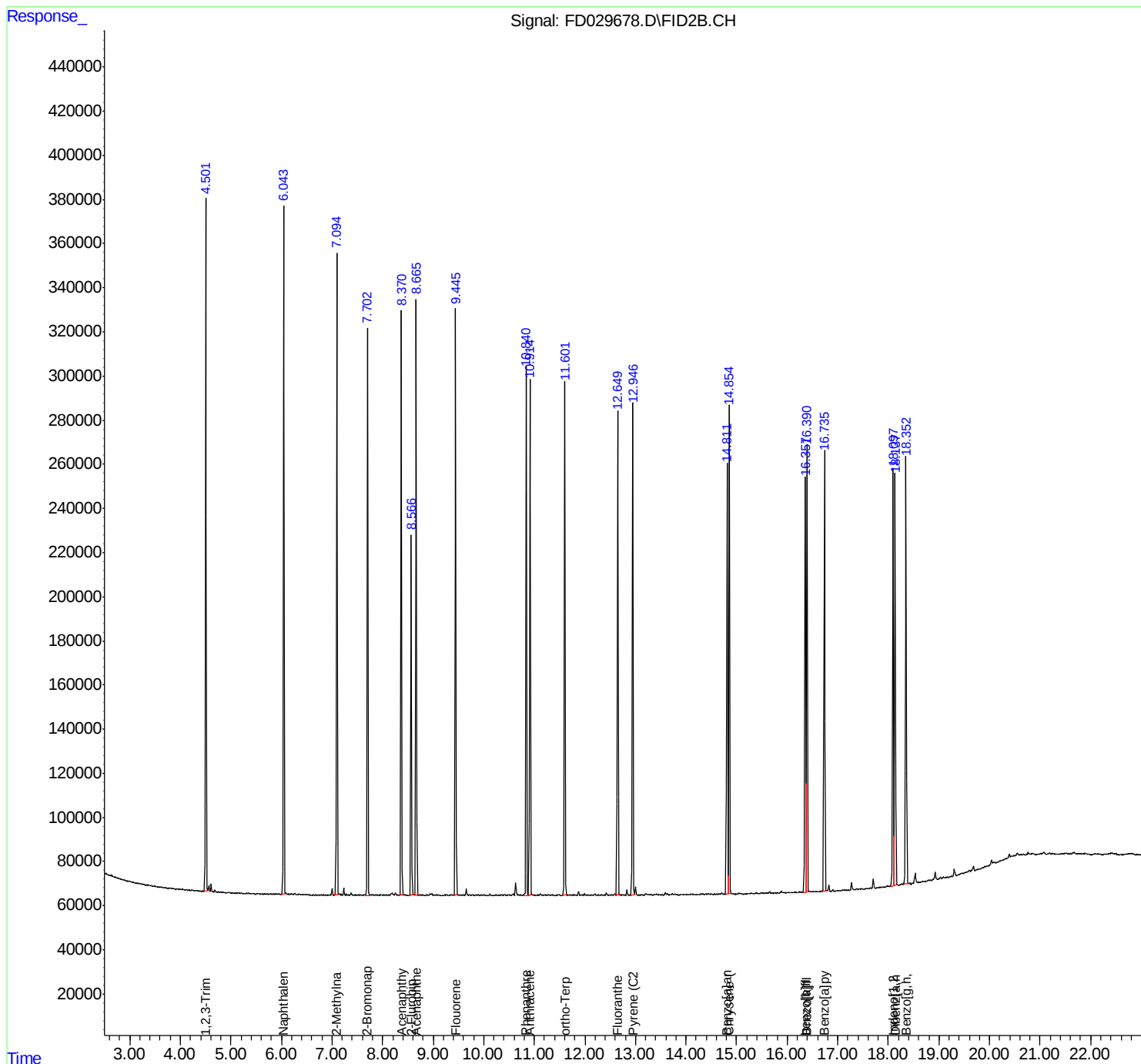
(f)=RT Delta > 1/2 Window

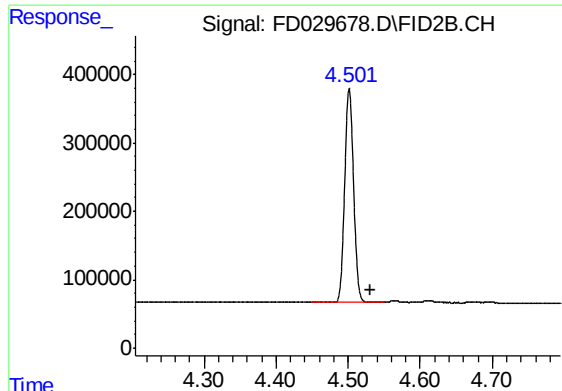
(m)=manual int.

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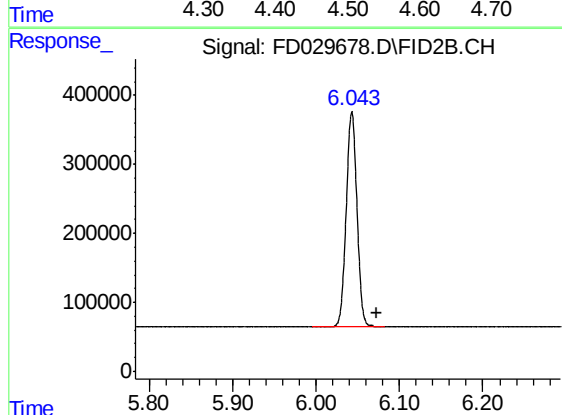
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Signal Info : 20M x 0.18mm x 0.18µm





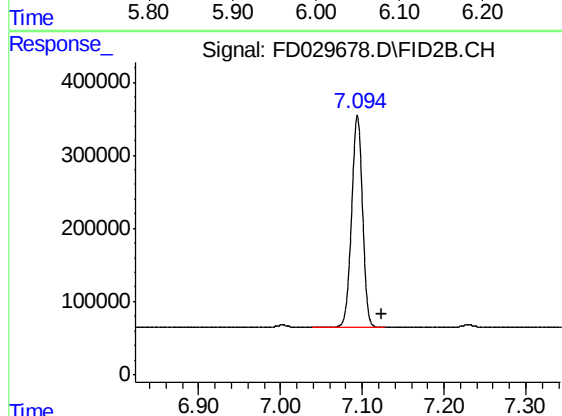
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: -0.029 min
Response: 2693858
Conc: 22.05 ug/ml



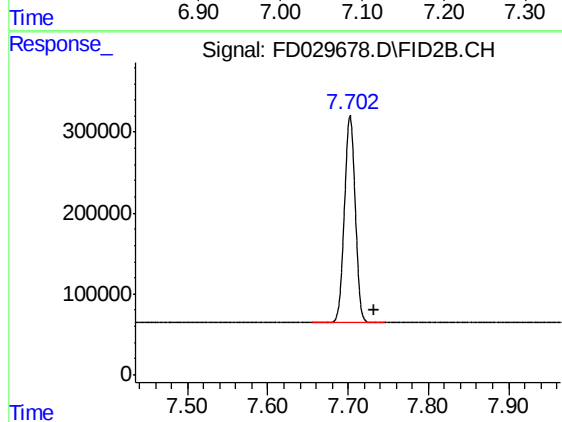
#2 Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.030 min
Response: 2767371
Conc: 21.24 ug/ml



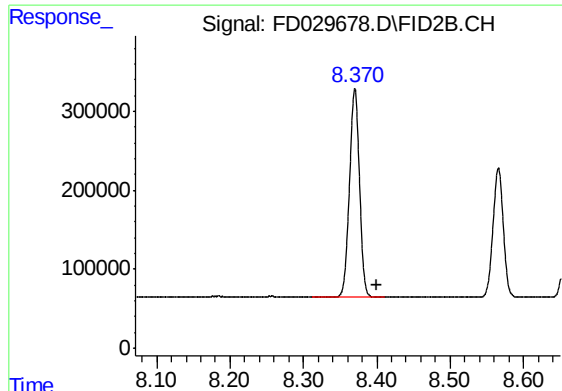
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: -0.029 min
Response: 2682573
Conc: 20.78 ug/ml



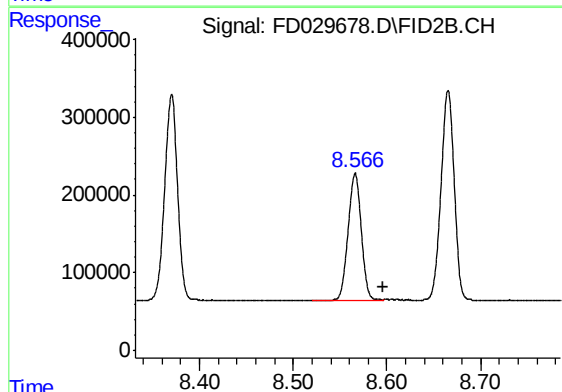
#4 2-Bromonaphthalene (SURR)

R.T.: 7.703 min
Delta R.T.: -0.030 min
Response: 2393493
Conc: 20.60 ug/ml



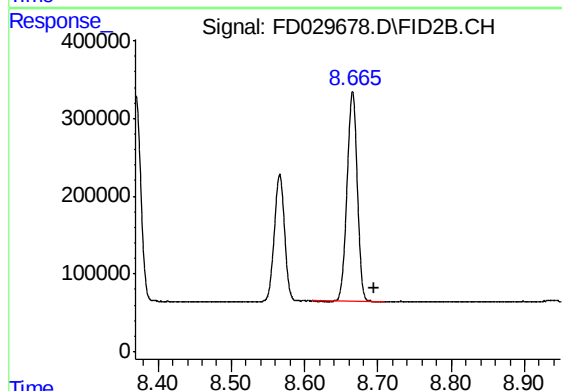
#5 Acenaphthylene (C15.06)

R.T.: 8.370 min
Delta R.T.: -0.030 min
Response: 2506433
Conc: 19.83 ug/ml



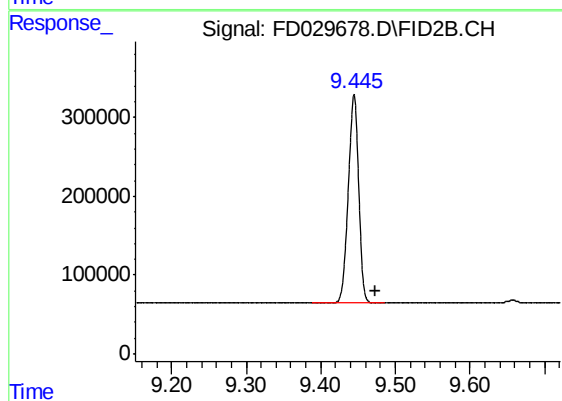
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.566 min
Delta R.T.: -0.030 min
Response: 1579866
Conc: 19.93 ug/ml



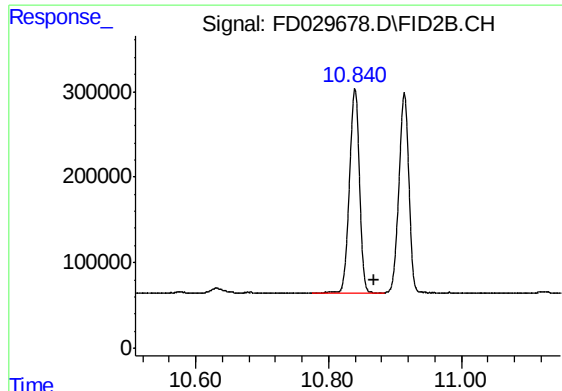
#7 Acenaphthene (C15.5)

R.T.: 8.666 min
Delta R.T.: -0.030 min
Response: 2617378
Conc: 20.06 ug/ml



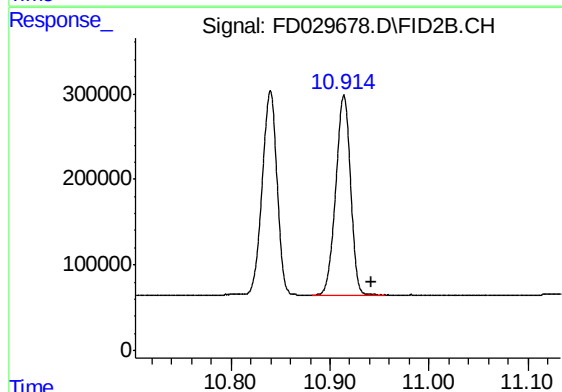
#8 Fluorene (C16.55)

R.T.: 9.445 min
Delta R.T.: -0.029 min
Response: 2549982
Conc: 19.60 ug/ml



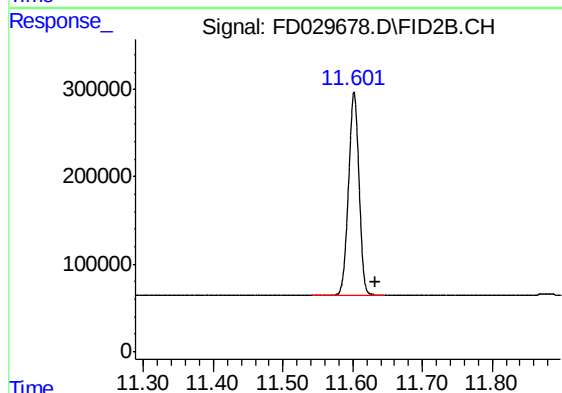
#9 Phenanthrene (C19.36)

R.T.: 10.840 min
Delta R.T.: -0.029 min
Response: 2485389
Conc: 18.94 ug/ml



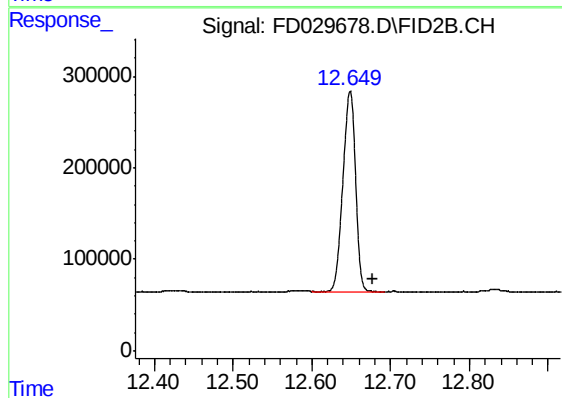
#10 Anthracene (C19.43)

R.T.: 10.914 min
Delta R.T.: -0.029 min
Response: 2416282
Conc: 18.70 ug/ml



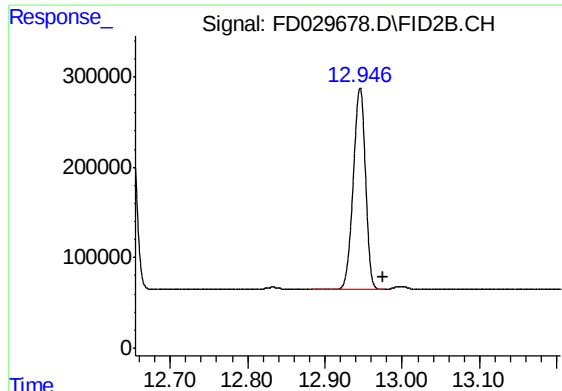
#11 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.030 min
Response: 2440235
Conc: 19.02 ug/ml



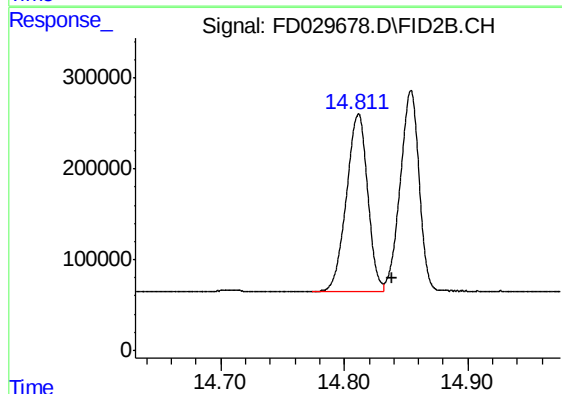
#12 Fluoranthene (C21.85)

R.T.: 12.649 min
Delta R.T.: -0.029 min
Response: 2439522
Conc: 18.55 ug/ml



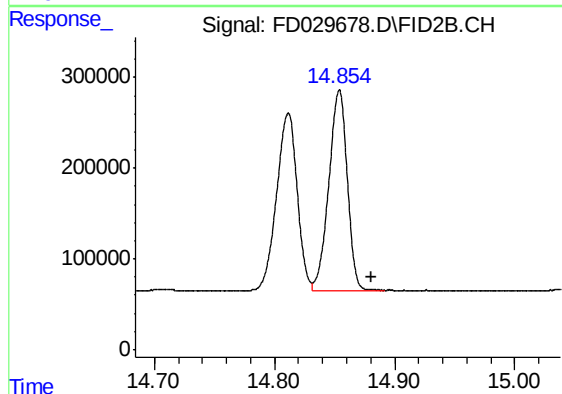
#13 Pyrene (C20.8)

R.T.: 12.946 min
Delta R.T.: -0.029 min
Response: 2433290
Conc: 18.48 ug/ml



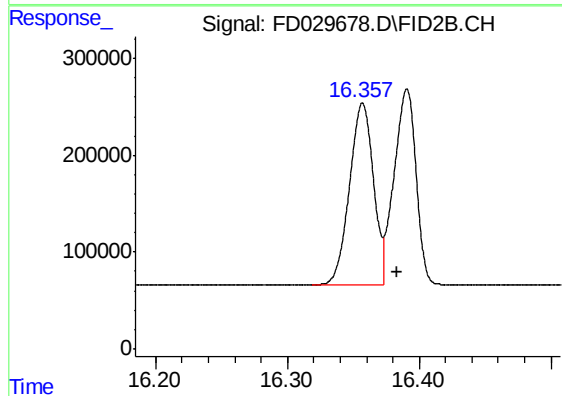
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.811 min
Delta R.T.: -0.027 min
Response: 2324197
Conc: 18.48 ug/ml m



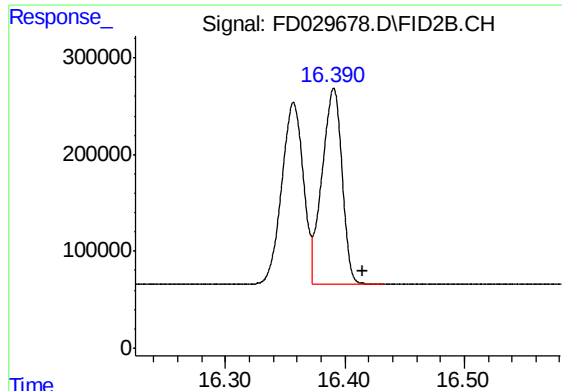
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: -0.026 min
Response: 2347568
Conc: 18.62 ug/ml



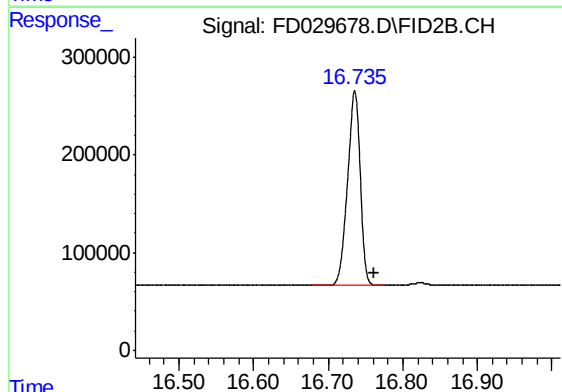
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.357 min
Delta R.T.: -0.027 min
Response: 2374834
Conc: 19.18 ug/ml m



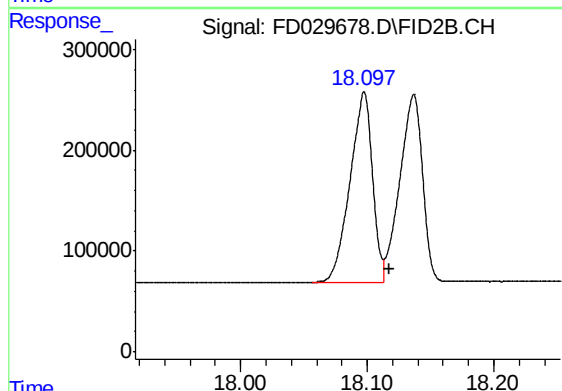
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.391 min
Delta R.T.: -0.024 min
Response: 2350723
Conc: 19.09 ug/ml



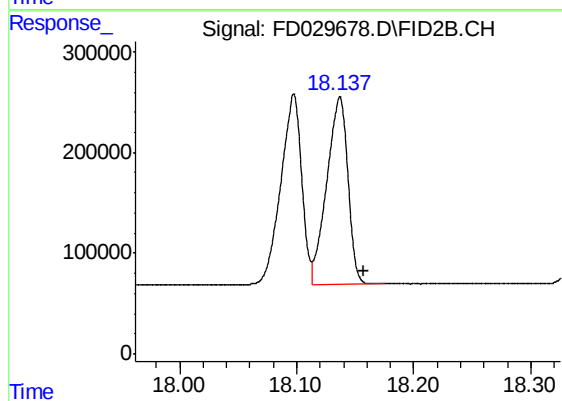
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.736 min
Delta R.T.: -0.025 min
Response: 2344143
Conc: 19.16 ug/ml



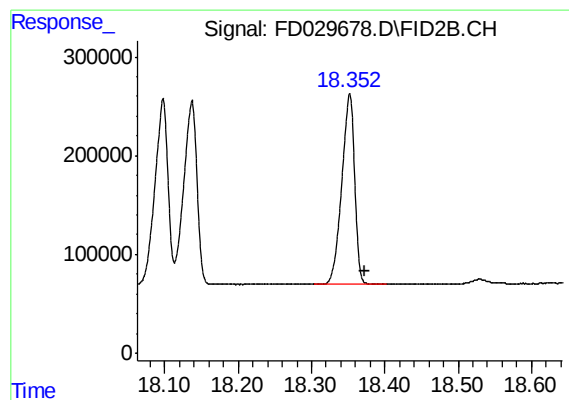
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.097 min
Delta R.T.: -0.020 min
Response: 2333388
Conc: 19.78 ug/ml m



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

R.T.: 18.137 min
Delta R.T.: -0.021 min
Response: 2331384
Conc: 20.14 ug/ml



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

R.T.: 18.352 min
Delta R.T.: -0.020 min
Response: 2334563
Conc: 20.11 ug/ml