

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011221AR\
 Data File : FD036000.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2021 19:42
 Operator : DD\AJ
 Sample : M1081-04MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 01:06:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 06:30:05 2021
 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...	7.621	6628980	56.892 ug/ml
Spiked Amount 50.000		Recovery =	113.78%
6) S 2-Fluorobiphenyl (SURR)	8.482	4580704	56.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.02%
11) S ortho-Terphenyl (SURR)	11.524	3544841	25.923 ug/ml
Spiked Amount 50.000		Recovery =	51.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	5375832	42.772 ug/ml
2) T Naphthalene (C11.7)	5.957	6259943	45.966 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	6639920	48.794 ug/ml
5) T Acenaphthylene (C15.06)	8.286	6920112	53.058 ug/ml
7) T Acenaphthene (C15.5)	8.583	6844771	50.900 ug/ml
8) T Fluorene (C16.55)	9.363	7155802	54.289 ug/ml
9) T Phenanthrene (C19.36)	10.760	7830350	58.715 ug/ml
10) T Anthracene (C19.43)	10.836	7698916	58.358 ug/ml
12) T Fluoranthene (C21.85)	12.572	7927964	59.393 ug/ml
13) T Pyrene (C20.8)	12.870	7900852	60.158 ug/ml
14) T Benzo[a]anthracene (C...	14.739	7196943	59.680 ug/ml
15) T Chrysene (C27.41)	14.785	8186247	65.808 ug/ml
16) T benzo[b]fluoranthene ...	16.288	7008221	61.051 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	6500246	57.981 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.667	6706835	64.358 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.029	6467897	62.272 ug/ml
20) T Dibenz[a,h]anthracene...	18.069	6193303	58.626 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	6286482	60.728 ug/ml

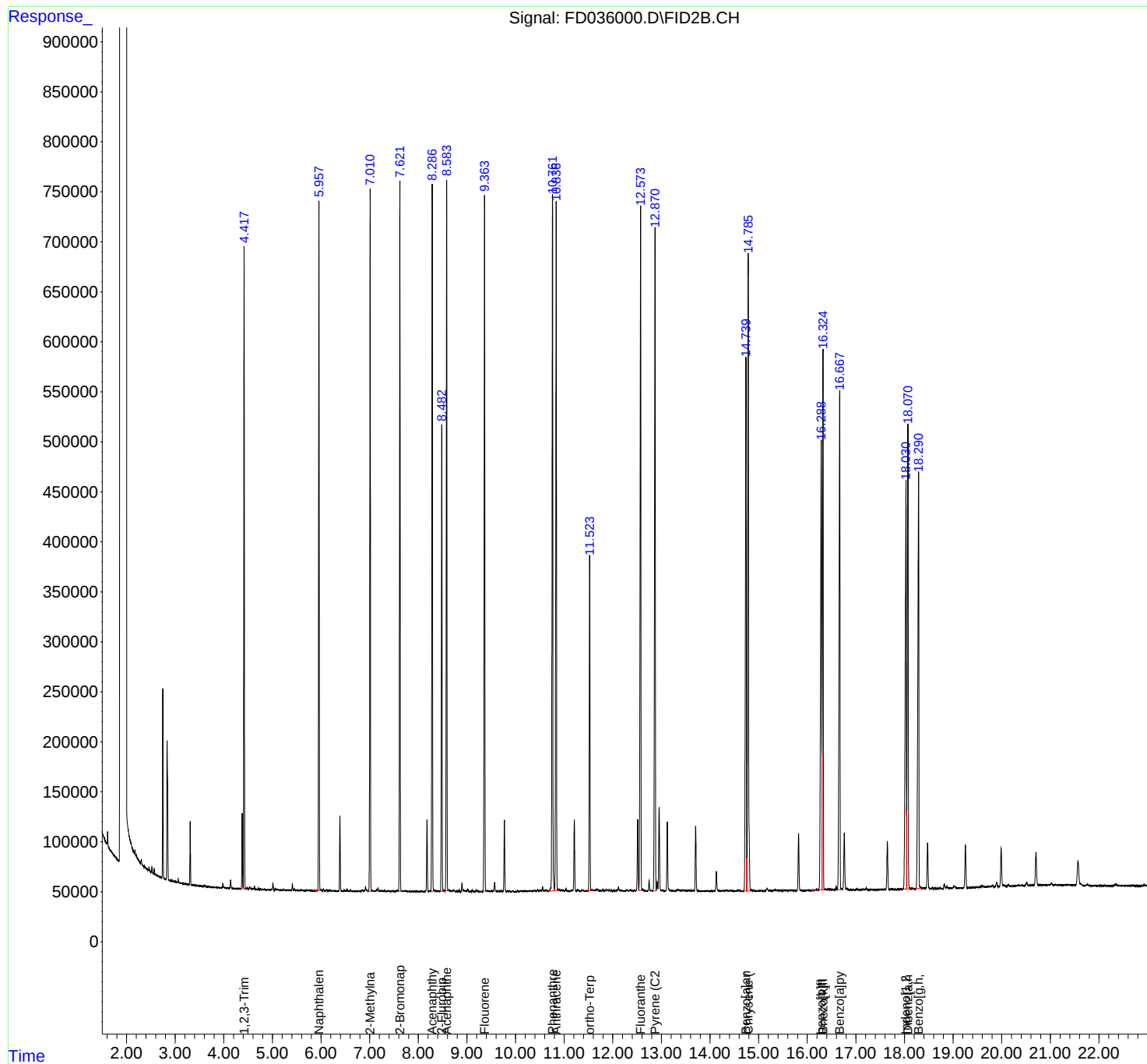
(f)=RT Delta > 1/2 Window

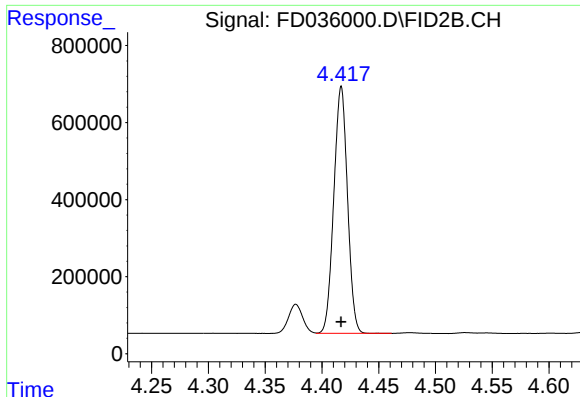
(m)=manual int.

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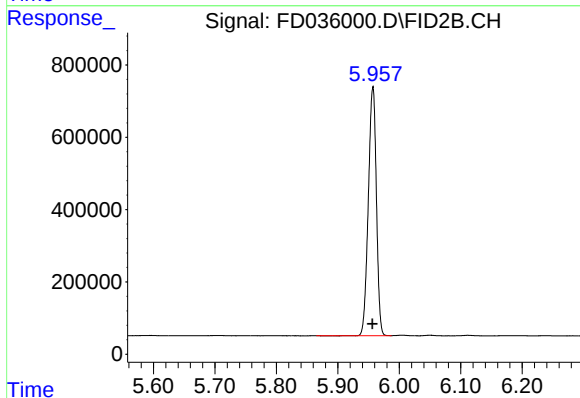
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Signal Info : 20M x 0.18mm x 0.18µm





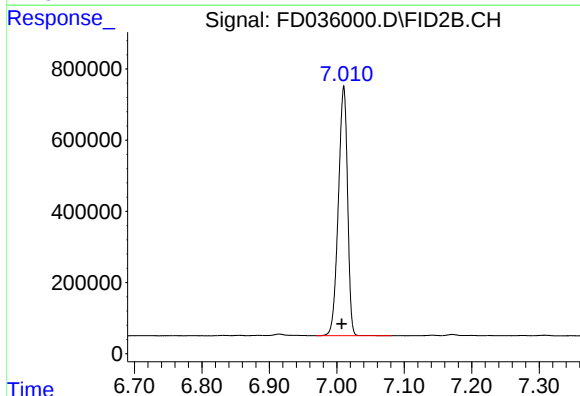
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 5375832
Conc: 42.77 ug/ml



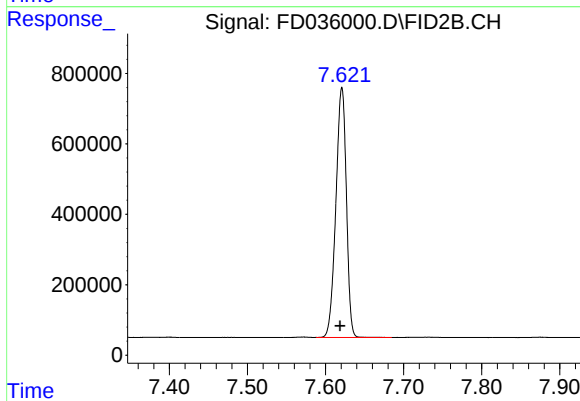
#2 Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 6259943
Conc: 45.97 ug/ml



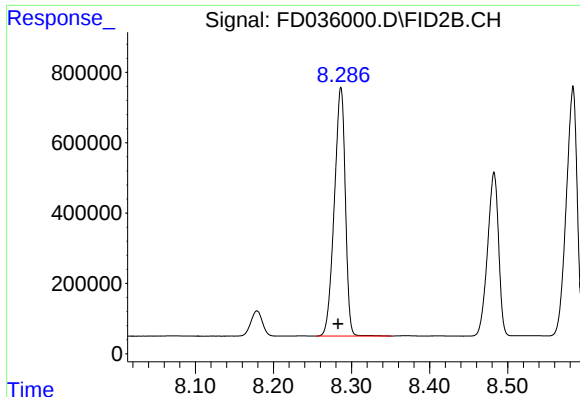
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: 0.003 min
Response: 6639920
Conc: 48.79 ug/ml



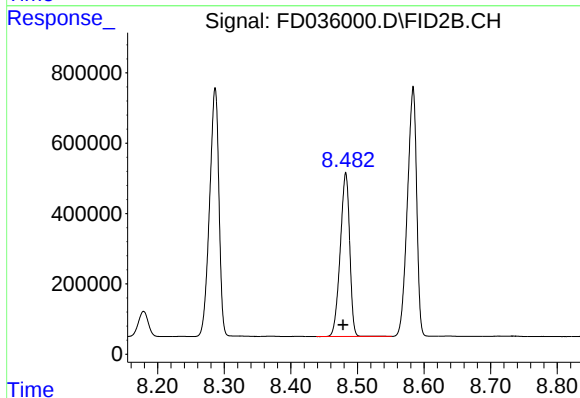
#4 2-Bromonaphthalene (SURR)

R.T.: 7.621 min
Delta R.T.: 0.002 min
Response: 6628980
Conc: 56.89 ug/ml



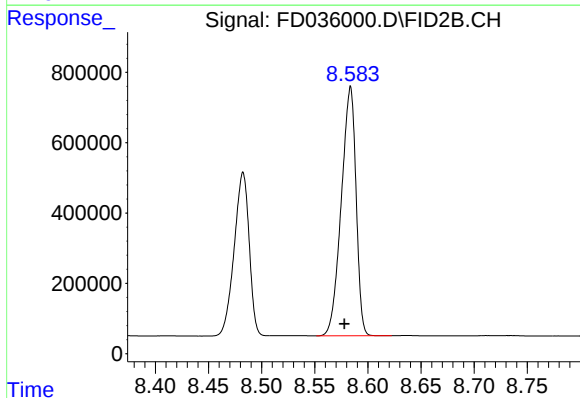
#5 Acenaphthylene (C15.06)

R.T.: 8.286 min
Delta R.T.: 0.003 min
Response: 6920112
Conc: 53.06 ug/ml



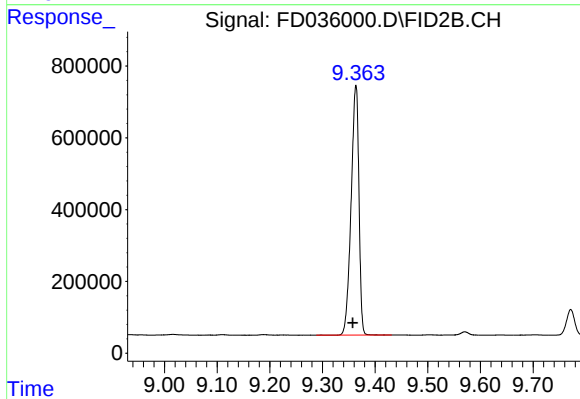
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.482 min
Delta R.T.: 0.004 min
Response: 4580704
Conc: 56.01 ug/ml



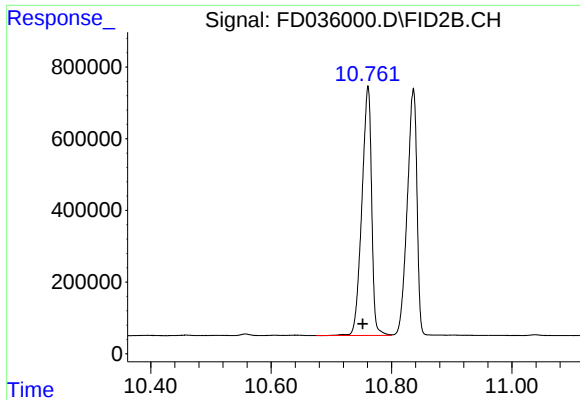
#7 Acenaphthene (C15.5)

R.T.: 8.583 min
Delta R.T.: 0.005 min
Response: 6844771
Conc: 50.90 ug/ml



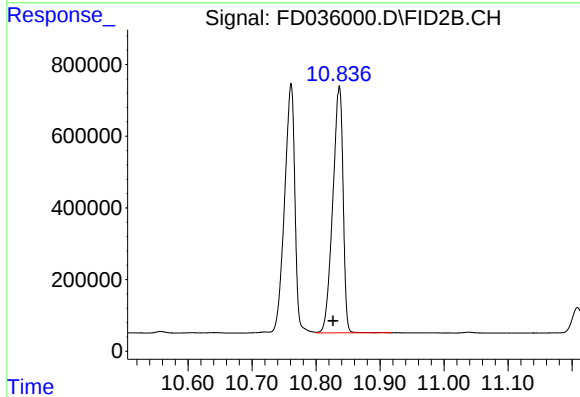
#8 Fluorene (C16.55)

R.T.: 9.363 min
Delta R.T.: 0.006 min
Response: 7155802
Conc: 54.29 ug/ml



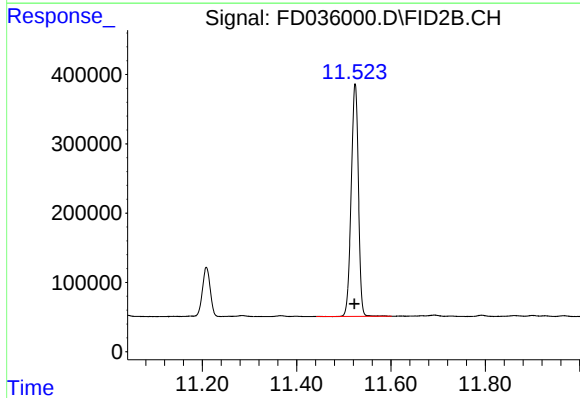
#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: 0.008 min
Response: 7830350
Conc: 58.72 ug/ml



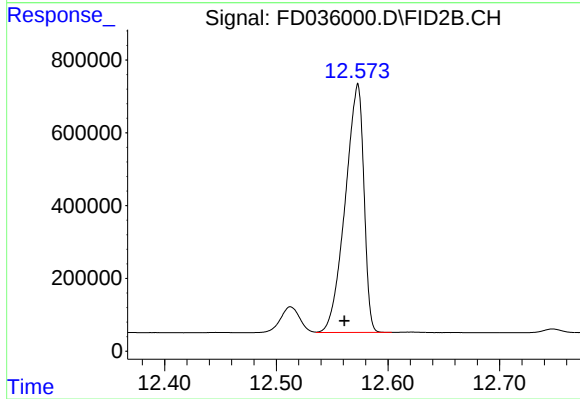
#10 Anthracene (C19.43)

R.T.: 10.836 min
Delta R.T.: 0.010 min
Response: 7698916
Conc: 58.36 ug/ml



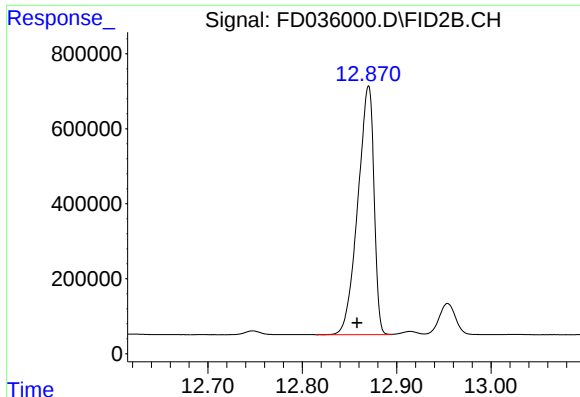
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.001 min
Response: 3544841
Conc: 25.92 ug/ml



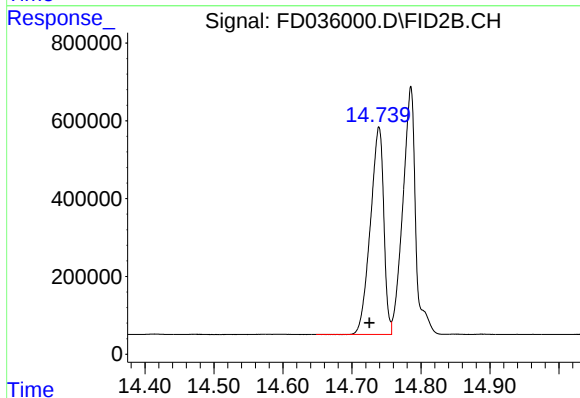
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: 0.011 min
Response: 7927964
Conc: 59.39 ug/ml



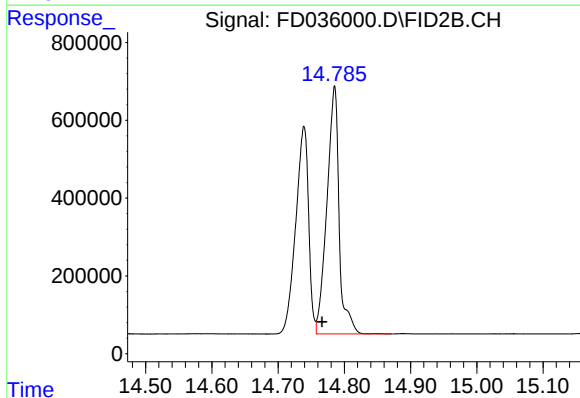
#13 Pyrene (C20.8)

R.T.: 12.870 min
Delta R.T.: 0.012 min
Response: 7900852
Conc: 60.16 ug/ml



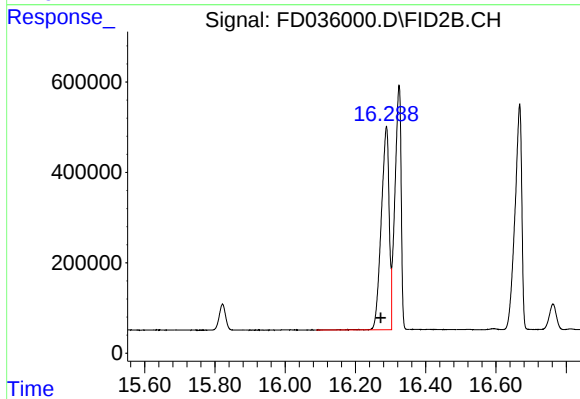
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.013 min
Response: 7196943
Conc: 59.68 ug/ml



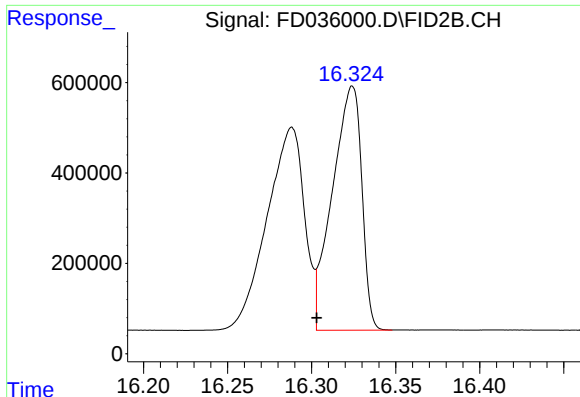
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.018 min
Response: 8186247
Conc: 65.81 ug/ml



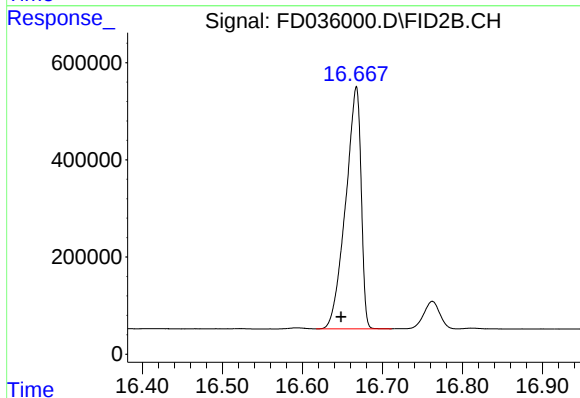
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.288 min
Delta R.T.: 0.016 min
Response: 7008221
Conc: 61.05 ug/ml



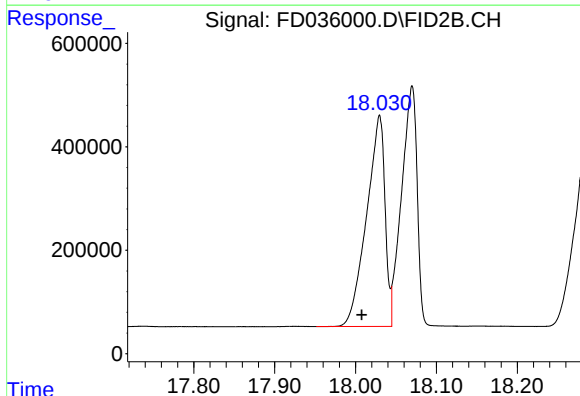
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: 0.021 min
Response: 6500246
Conc: 57.98 ug/ml m



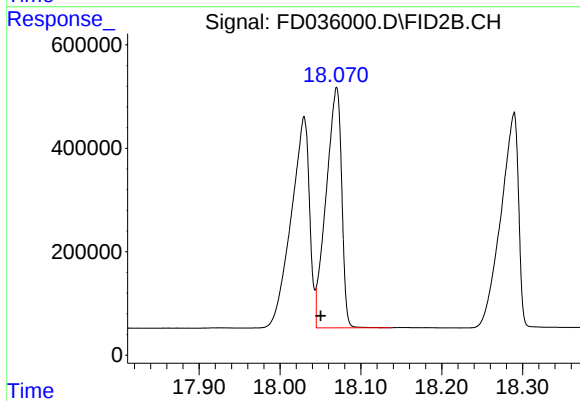
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.667 min
Delta R.T.: 0.019 min
Response: 6706835
Conc: 64.36 ug/ml



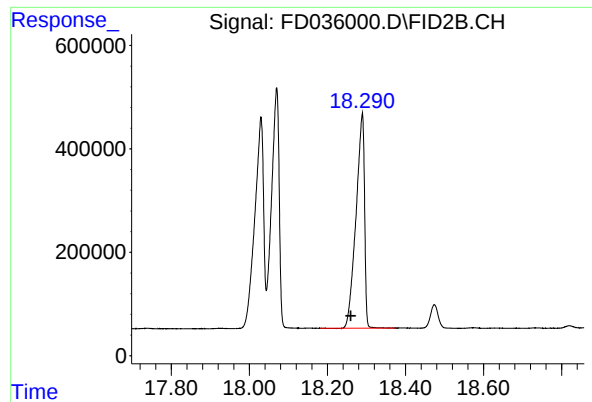
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: 0.021 min
Response: 6467897
Conc: 62.27 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.019 min
Response: 6193303
Conc: 58.63 ug/ml



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

R.T.: 18.288 min
Delta R.T.: 0.028 min
Response: 6286482
Conc: 60.73 ug/ml