

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071519A\
 Data File : FD029770.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2019 19:14
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 01:02:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 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...	7.691	3374883	21.327 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
6) S 2-Fluorobiphenyl (SURR)	8.554	2279426	21.220 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.44%
11) S ortho-Terphenyl (SURR)	11.590	3544336	20.885 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	3616733	21.392 ug/ml
2) T Naphthalene (C11.7)	6.032	3827432	21.387 ug/ml
3) T 2-Methylnaphthalene (...)	7.083	3761728	21.323 ug/ml
5) T Acenaphthylene (C15.06)	8.358	3566492	21.067 ug/ml
7) T Acenaphthene (C15.5)	8.654	3735695	21.200 ug/ml
8) T Fluorene (C16.55)	9.433	3685039	21.089 ug/ml
9) T Phenanthrene (C19.36)	10.827	3625451	20.906 ug/ml
10) T Anthracene (C19.43)	10.902	3371502	19.940 ug/ml
12) T Fluoranthene (C21.85)	12.635	3510979	20.502 ug/ml
13) T Pyrene (C20.8)	12.932	3472346	20.412 ug/ml
14) T Benzo[a]anthracene (C...	14.797	3083148	19.777 ug/ml
15) T Chrysene (C27.41)	14.840	3091811	19.837 ug/ml
16) T benzo[b]fluoranthene ...	16.342	2856807	19.564 ug/ml
17) T Bnezo[k]fluoranthene ...	16.376	2834652	19.600 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.720	2746858	19.589 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.081	2611147	20.495 ug/ml
20) T Dibenz[a,h]anthracene...	18.119	2665206	21.311 ug/ml
21) T Benzo[g,h,i]perylene ...	18.335	2614065	20.956 ug/ml

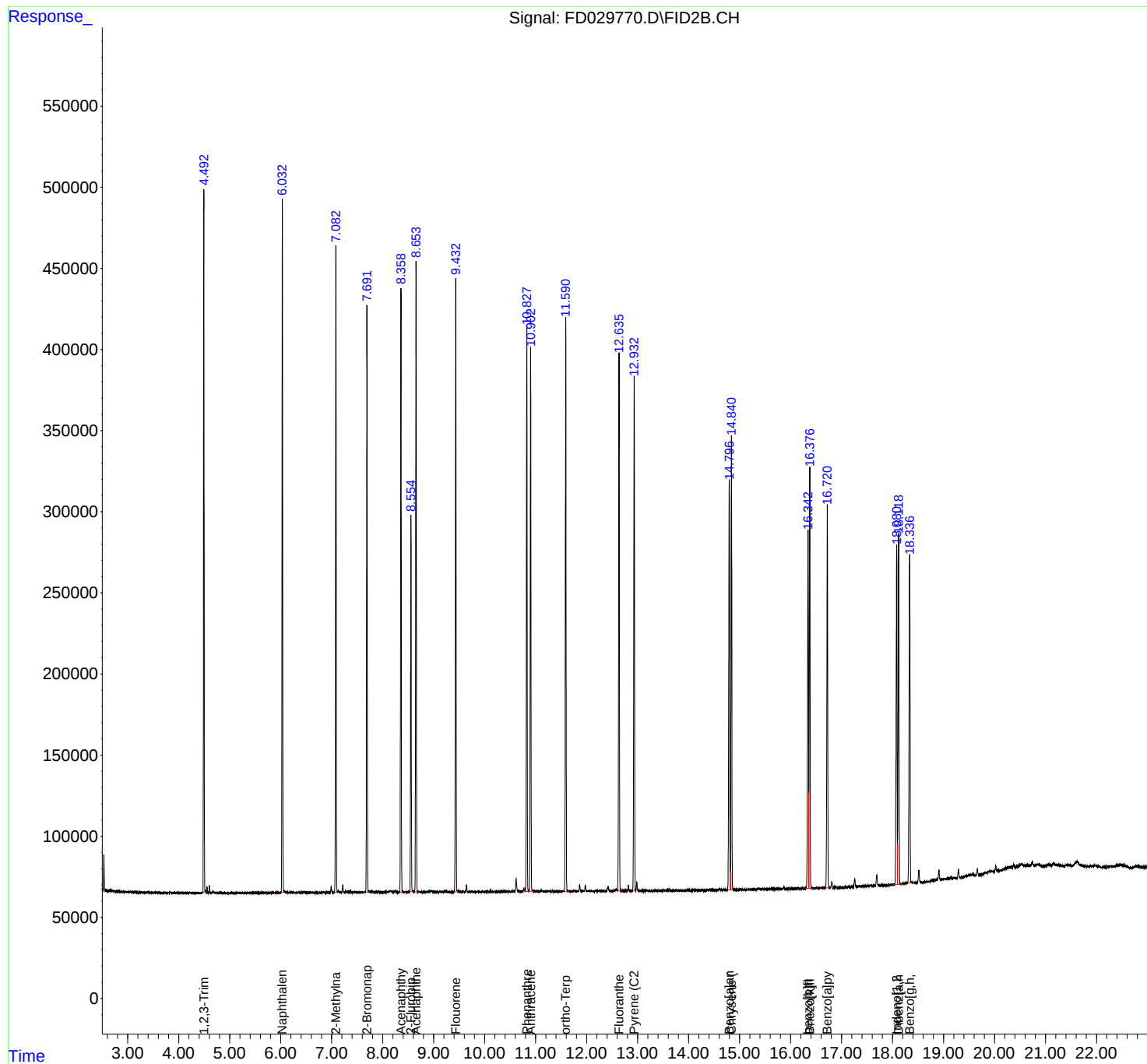
(f)=RT Delta > 1/2 Window

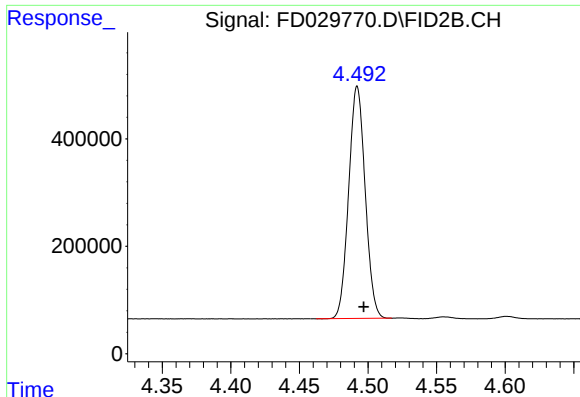
(m)=manual int.

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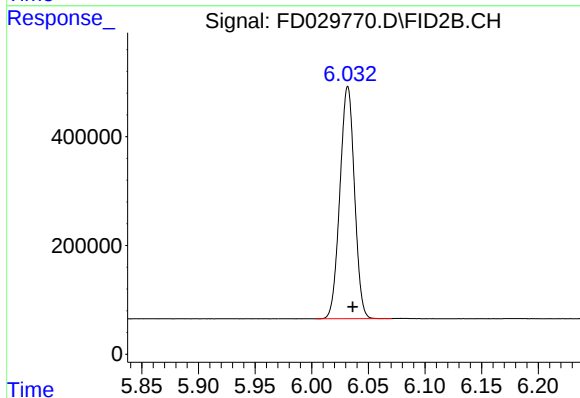
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





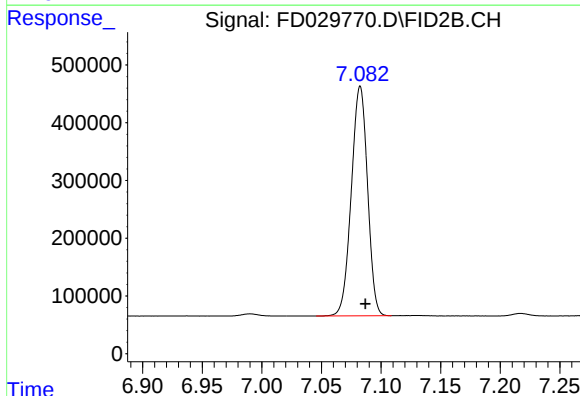
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 3616733
Conc: 21.39 ug/ml



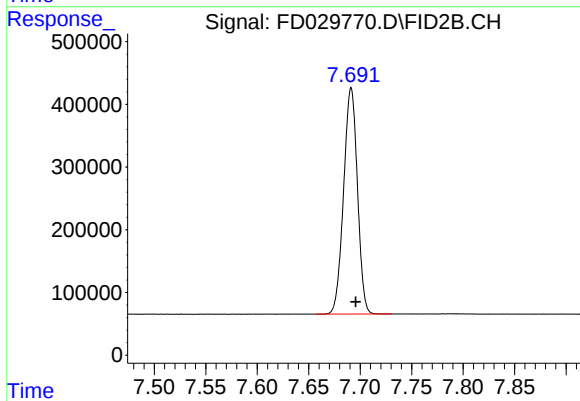
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 3827432
Conc: 21.39 ug/ml



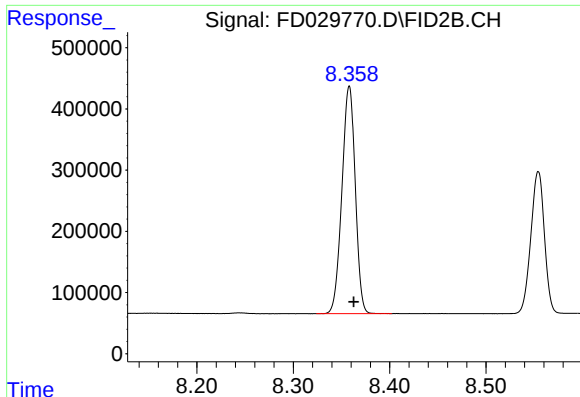
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: -0.005 min
Response: 3761728
Conc: 21.32 ug/ml



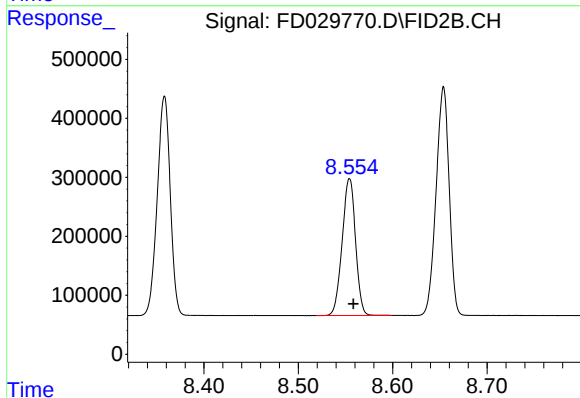
#4 2-Bromonaphthalene (SURR)

R.T.: 7.691 min
Delta R.T.: -0.004 min
Response: 3374883
Conc: 21.33 ug/ml



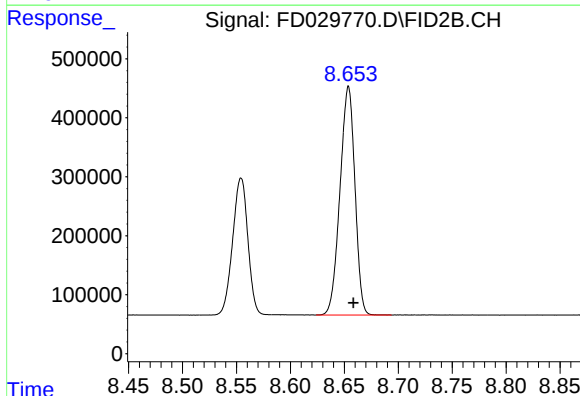
#5 Acenaphthylene (C15.06)

R.T.: 8.358 min
Delta R.T.: -0.004 min
Response: 3566492
Conc: 21.07 ug/ml



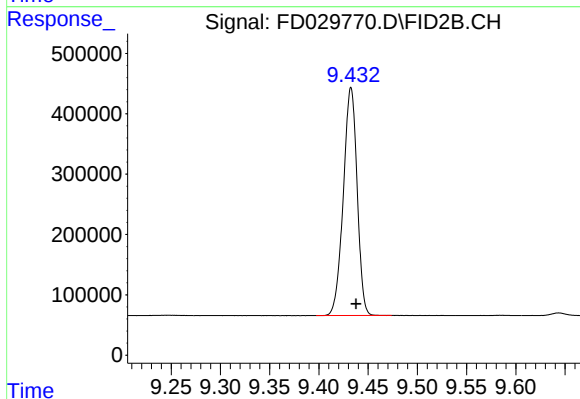
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.004 min
Response: 2279426
Conc: 21.22 ug/ml



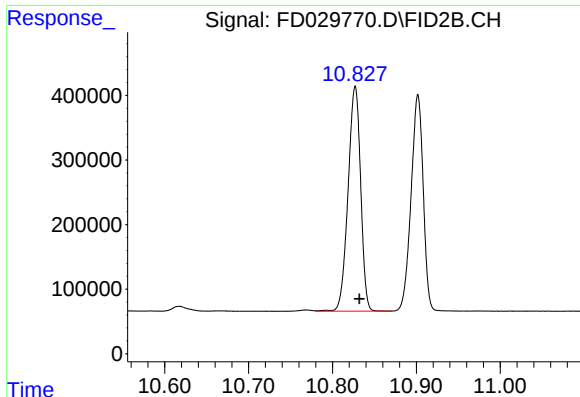
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.005 min
Response: 3735695
Conc: 21.20 ug/ml



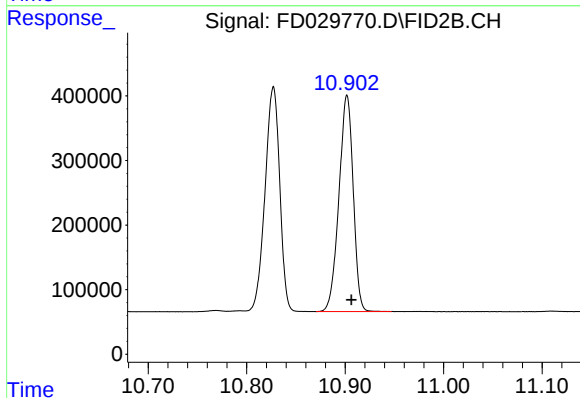
#8 Fluorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.005 min
Response: 3685039
Conc: 21.09 ug/ml



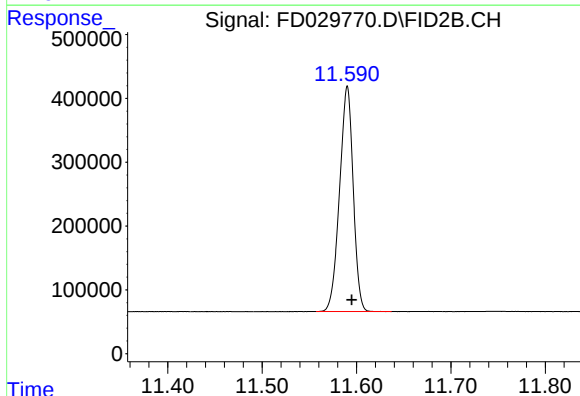
#9 Phenanthrene (C19.36)

R.T.: 10.827 min
Delta R.T.: -0.005 min
Response: 3625451
Conc: 20.91 ug/ml



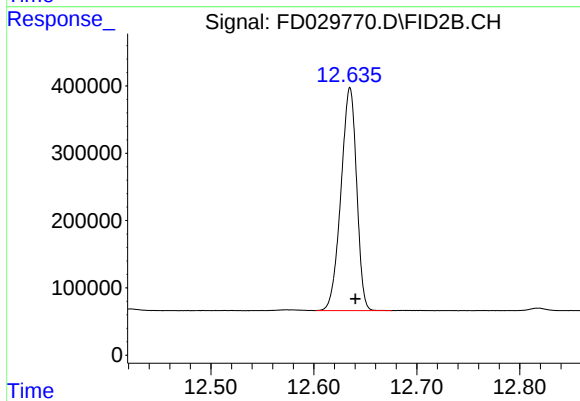
#10 Anthracene (C19.43)

R.T.: 10.902 min
Delta R.T.: -0.005 min
Response: 3371502
Conc: 19.94 ug/ml



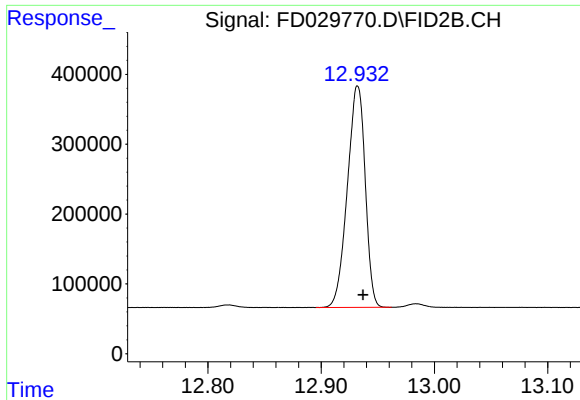
#11 ortho-Terphenyl (SURR)

R.T.: 11.590 min
Delta R.T.: -0.005 min
Response: 3544336
Conc: 20.88 ug/ml



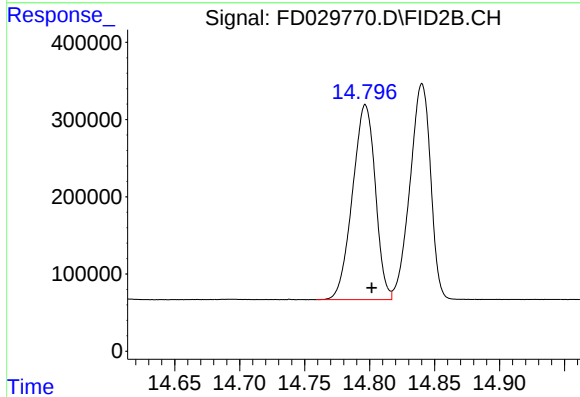
#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: -0.005 min
Response: 3510979
Conc: 20.50 ug/ml



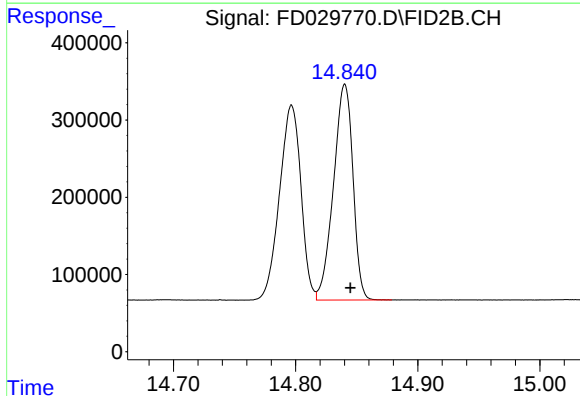
#13 Pyrene (C20.8)

R.T.: 12.932 min
Delta R.T.: -0.005 min
Response: 3472346
Conc: 20.41 ug/ml



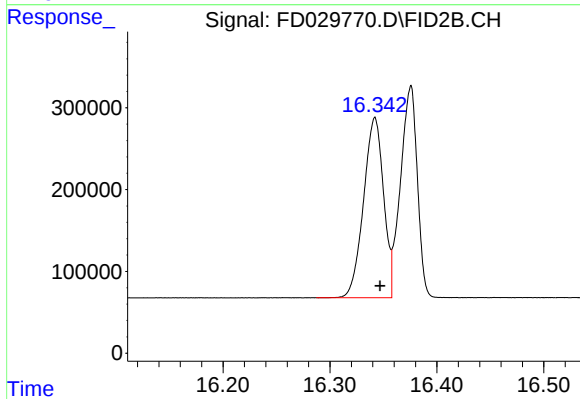
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.797 min
Delta R.T.: -0.005 min
Response: 3083148
Conc: 19.78 ug/ml



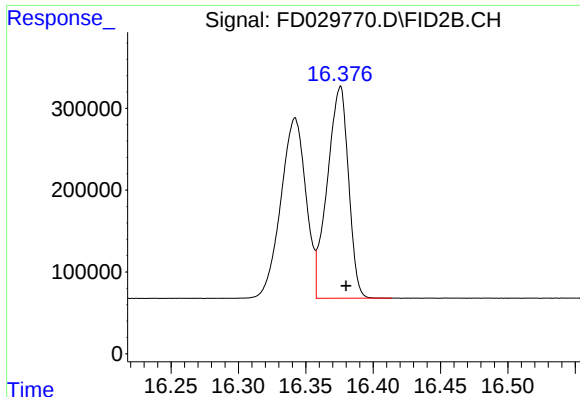
#15 Chrysene (C27.41)

R.T.: 14.840 min
Delta R.T.: -0.004 min
Response: 3091811
Conc: 19.84 ug/ml



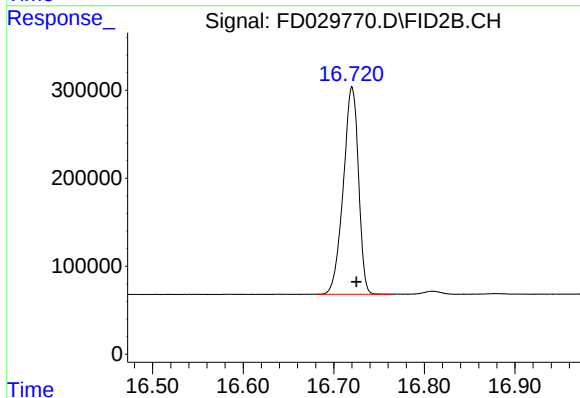
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.342 min
Delta R.T.: -0.005 min
Response: 2856807
Conc: 19.56 ug/ml



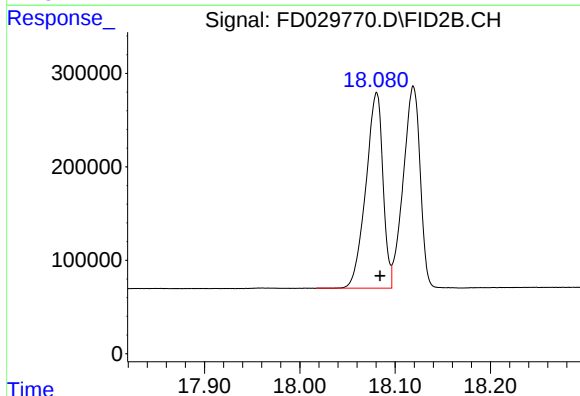
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.376 min
Delta R.T.: -0.004 min
Response: 2834652
Conc: 19.60 ug/ml



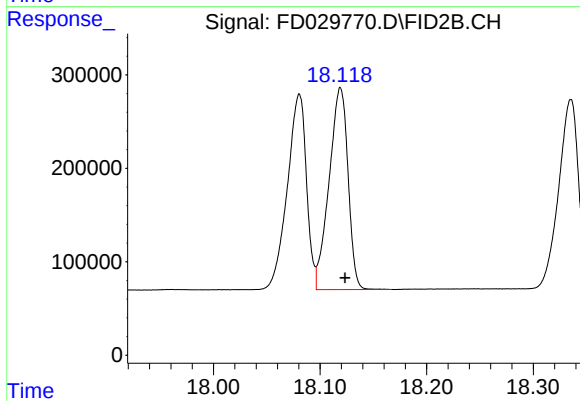
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min
Delta R.T.: -0.005 min
Response: 2746858
Conc: 19.59 ug/ml



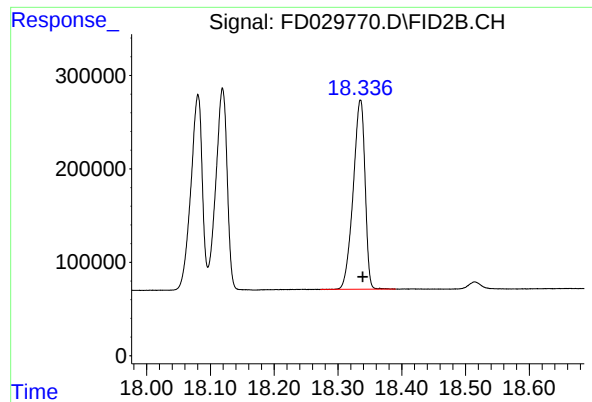
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.081 min
Delta R.T.: -0.004 min
Response: 2611147
Conc: 20.50 ug/ml



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

R.T.: 18.119 min
Delta R.T.: -0.004 min
Response: 2665206
Conc: 21.31 ug/ml



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

R.T.: 18.335 min
Delta R.T.: -0.004 min
Response: 2614065
Conc: 20.96 ug/ml