

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081919AR\
 Data File : FD030198.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2019 1:21
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 03:18:33 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...	7.663	3115978	20.261 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
6) S 2-Fluorobiphenyl (SURR)	8.527	2005756	19.196 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.39%
11) S ortho-Terphenyl (SURR)	11.561	2981076	18.056 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.463	3587173	21.684 ug/ml
2) T Naphthalene (C11.7)	6.003	3635273	20.840 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	3499345	20.365 ug/ml
5) T Acenaphthylene (C15.06)	8.330	3197545	19.288 ug/ml
7) T Acenaphthene (C15.5)	8.626	3326314	19.406 ug/ml
8) T Flouorene (C16.55)	9.405	3195264	18.807 ug/ml
9) T Phenanthrene (C19.36)	10.800	2978529	17.674 ug/ml
10) T Anthracene (C19.43)	10.875	2879461	17.581 ug/ml
12) T Fluoranthene (C21.85)	12.609	2803613	16.866 ug/ml
13) T Pyrene (C20.8)	12.907	2777944	16.816 ug/ml
14) T Benzo[a]anthracene (C...	14.774	2683499	17.642 ug/ml
15) T Chrysene (C27.41)	14.815	2707523	17.737 ug/ml
16) T benzo[b]fluoranthene ...	16.322	2795638	19.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.355	2768043	19.451 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.701	2781527	20.075 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	2798508	22.322 ug/ml
20) T Dibenz[a,h]anthracene...	18.101	2759917	22.346 ug/ml
21) T Benzo[g,h,i]perylene ...	18.319	2792920	22.967 ug/ml

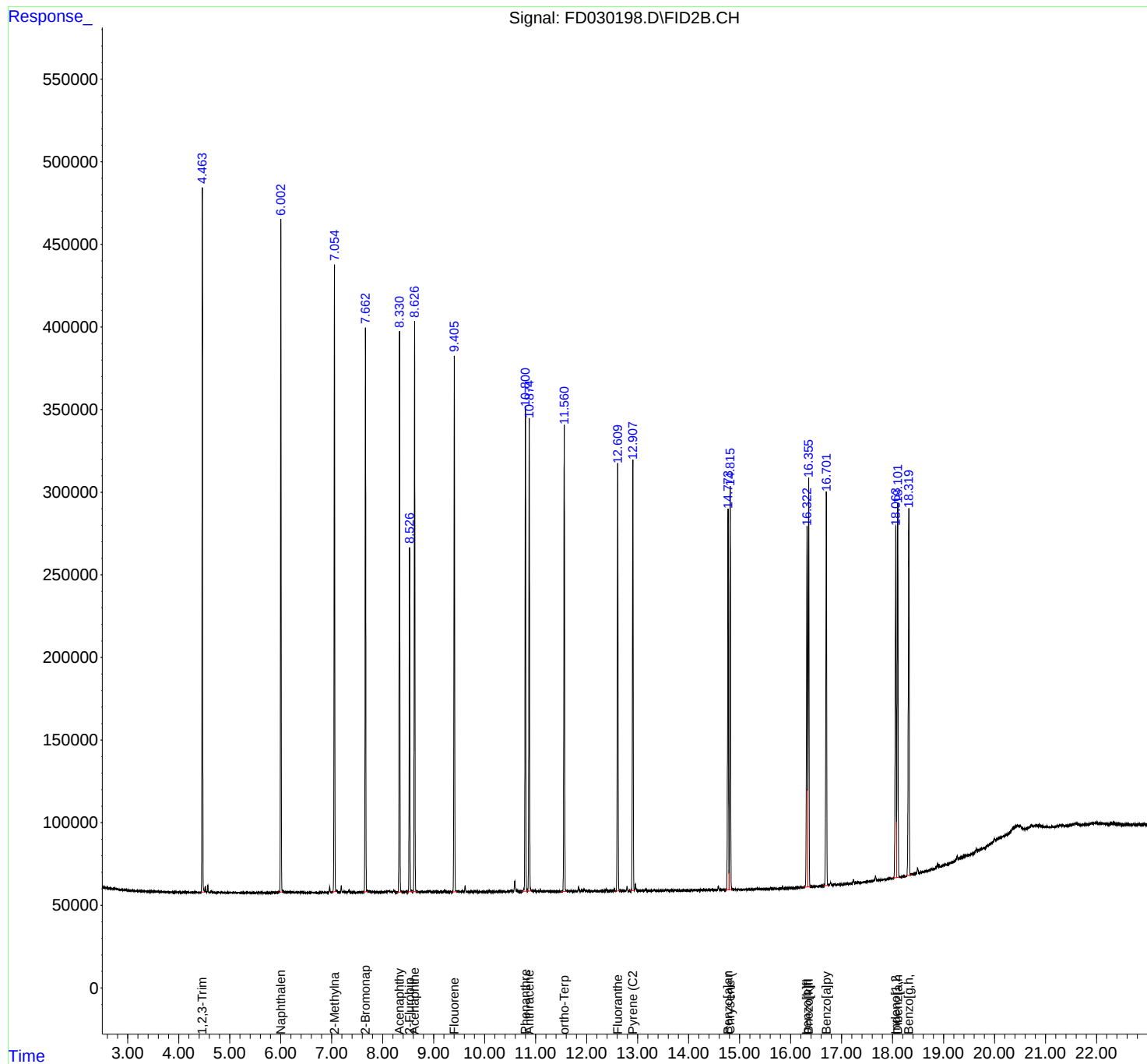
(f)=RT Delta > 1/2 Window

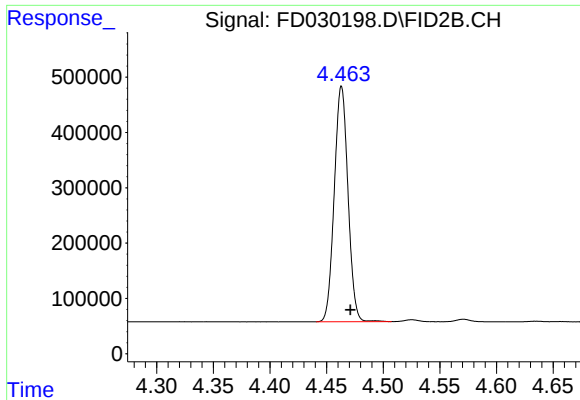
(m)=manual int.

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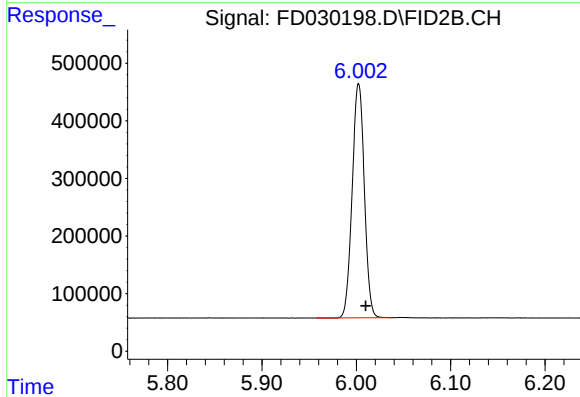
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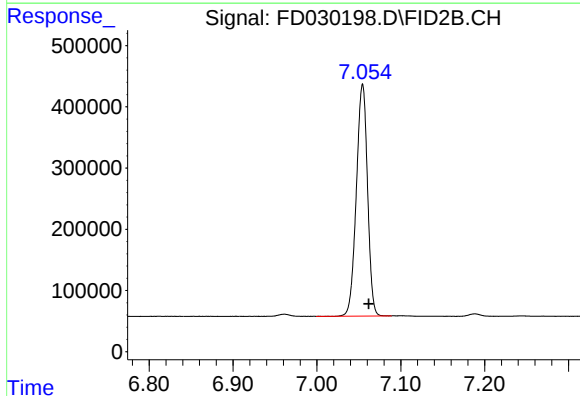
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.463 min
Delta R.T.: -0.008 min
Response: 3587173
Conc: 21.68 ug/ml



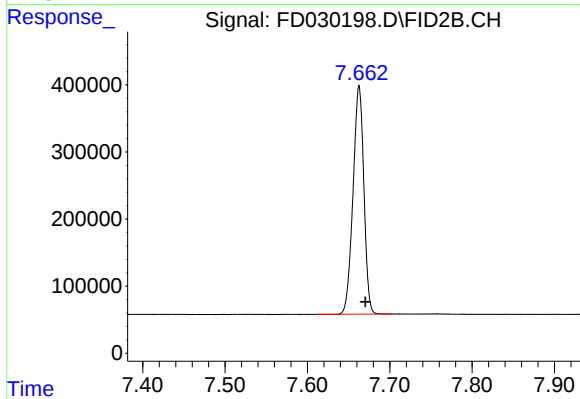
#2 Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.008 min
Response: 3635273
Conc: 20.84 ug/ml



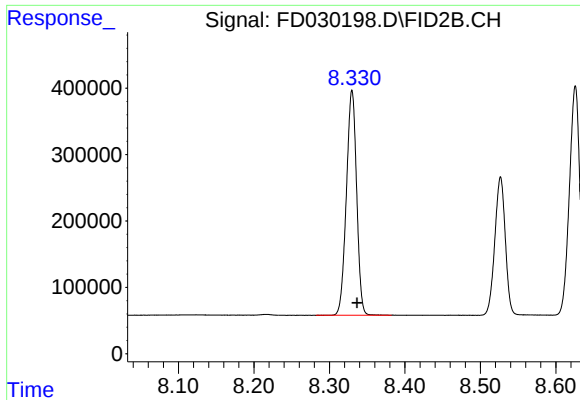
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.007 min
Response: 3499345
Conc: 20.37 ug/ml



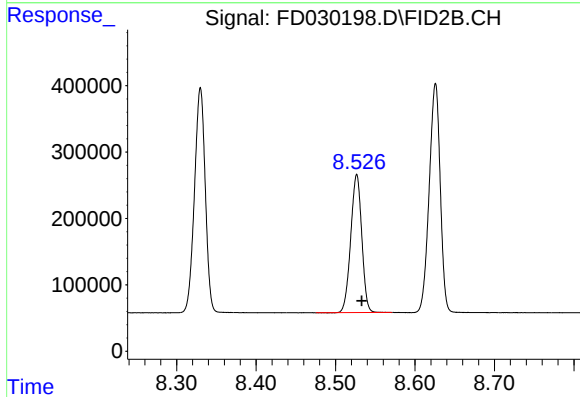
#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min
Delta R.T.: -0.008 min
Response: 3115978
Conc: 20.26 ug/ml



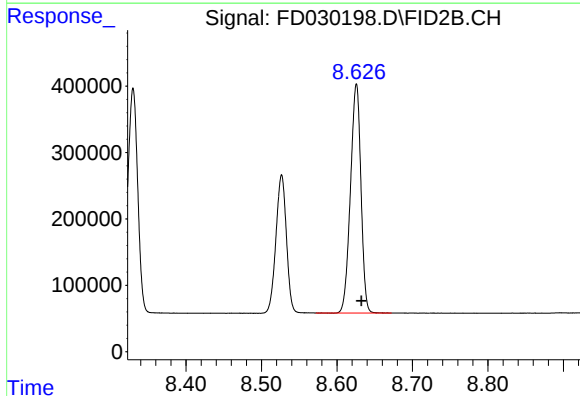
#5 Acenaphthylene (C15.06)

R.T.: 8.330 min
Delta R.T.: -0.007 min
Response: 3197545
Conc: 19.29 ug/ml



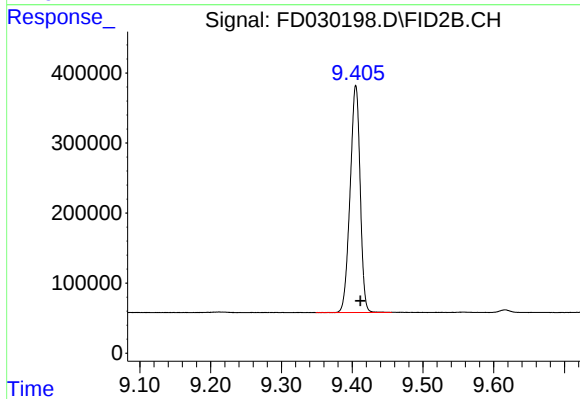
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.527 min
Delta R.T.: -0.006 min
Response: 2005756
Conc: 19.20 ug/ml



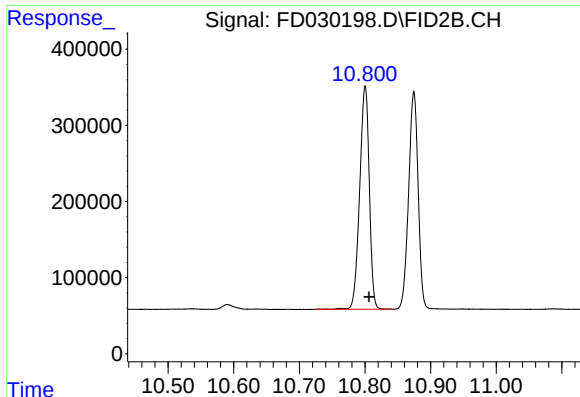
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.007 min
Response: 3326314
Conc: 19.41 ug/ml



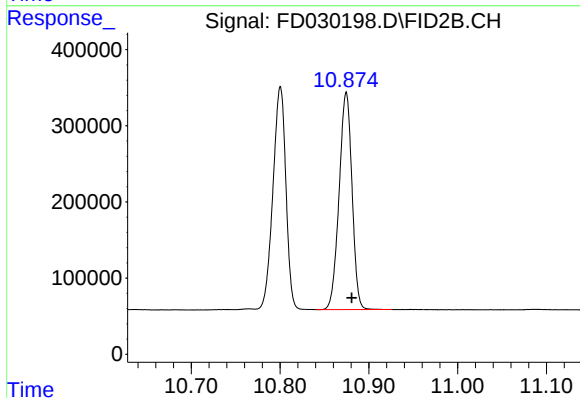
#8 Fluorene (C16.55)

R.T.: 9.405 min
Delta R.T.: -0.007 min
Response: 3195264
Conc: 18.81 ug/ml



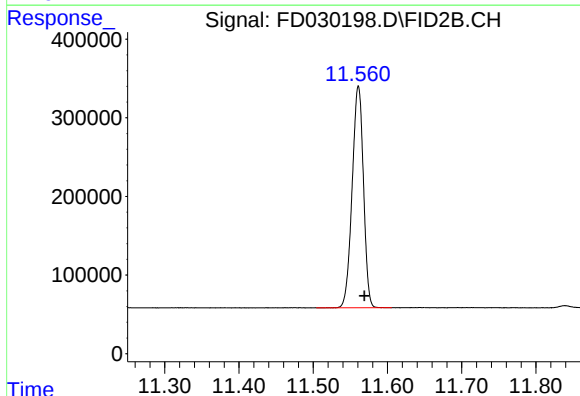
#9 Phenanthrene (C19.36)

R.T.: 10.800 min
Delta R.T.: -0.006 min
Response: 2978529
Conc: 17.67 ug/ml



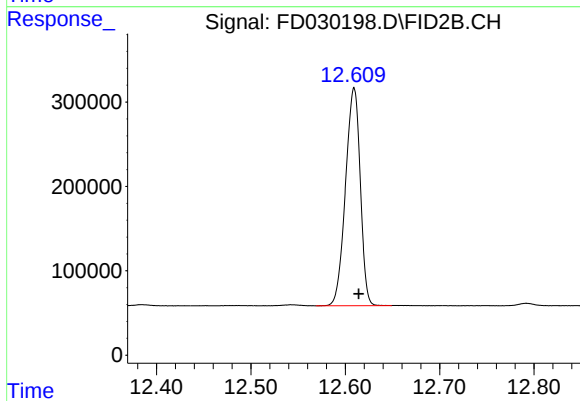
#10 Anthracene (C19.43)

R.T.: 10.875 min
Delta R.T.: -0.006 min
Response: 2879461
Conc: 17.58 ug/ml



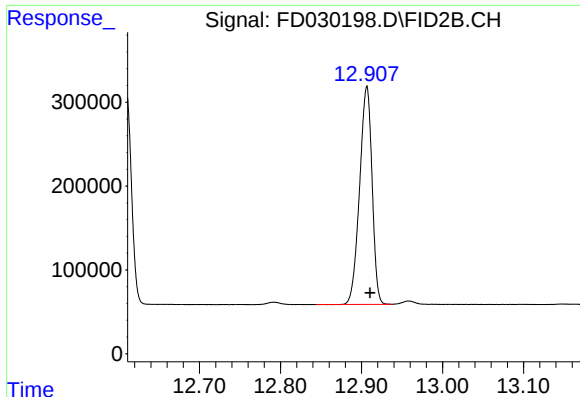
#11 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: -0.008 min
Response: 2981076
Conc: 18.06 ug/ml



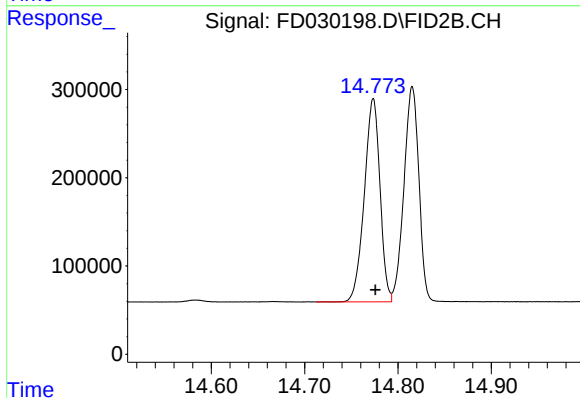
#12 Fluoranthene (C21.85)

R.T.: 12.609 min
Delta R.T.: -0.005 min
Response: 2803613
Conc: 16.87 ug/ml



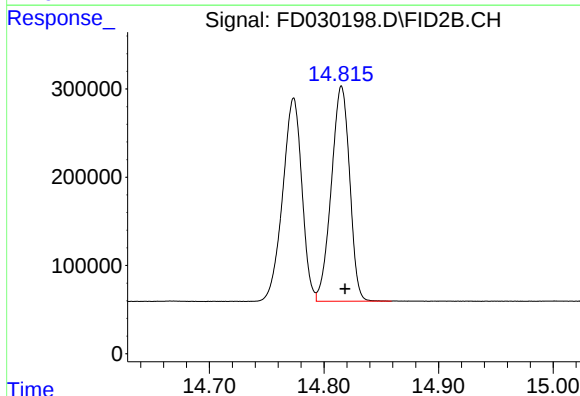
#13 Pyrene (C20.8)

R.T.: 12.907 min
Delta R.T.: -0.004 min
Response: 2777944
Conc: 16.82 ug/ml



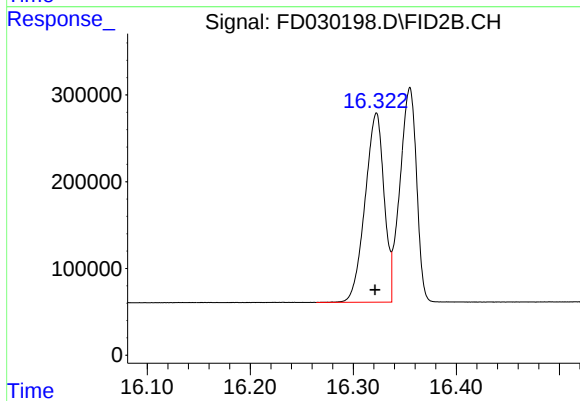
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.774 min
Delta R.T.: -0.002 min
Response: 2683499
Conc: 17.64 ug/ml



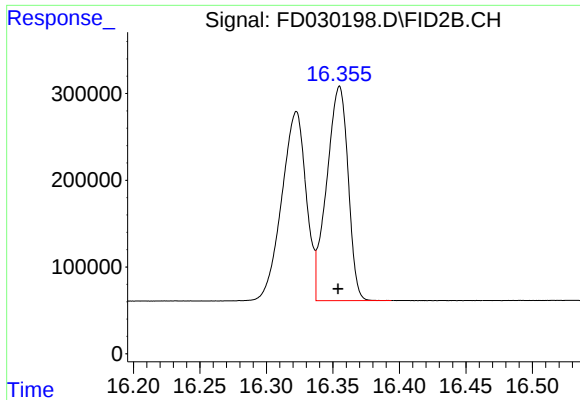
#15 Chrysene (C27.41)

R.T.: 14.815 min
Delta R.T.: -0.003 min
Response: 2707523
Conc: 17.74 ug/ml



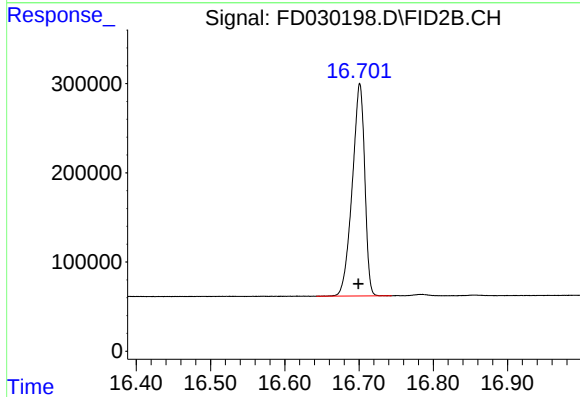
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.322 min
Delta R.T.: 0.001 min
Response: 2795638
Conc: 19.51 ug/ml



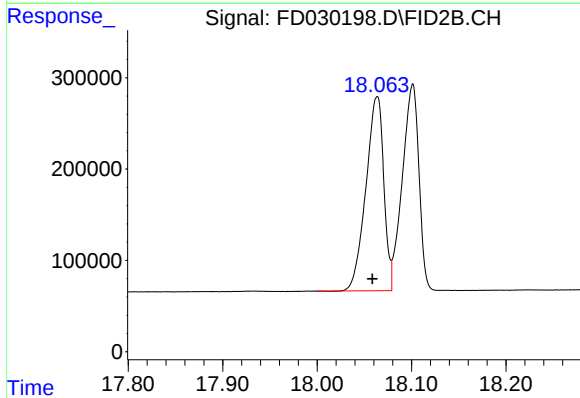
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.355 min
Delta R.T.: 0.000 min
Response: 2768043
Conc: 19.45 ug/ml



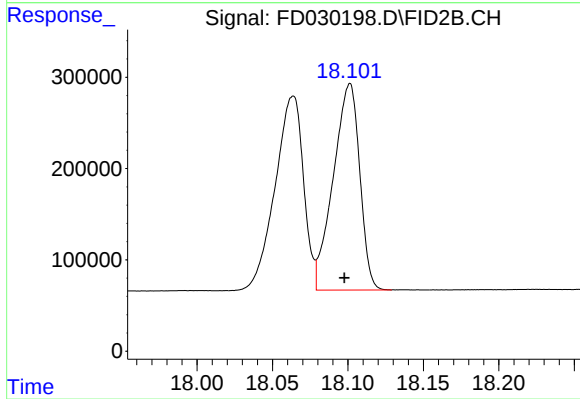
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.701 min
Delta R.T.: 0.002 min
Response: 2781527
Conc: 20.07 ug/ml



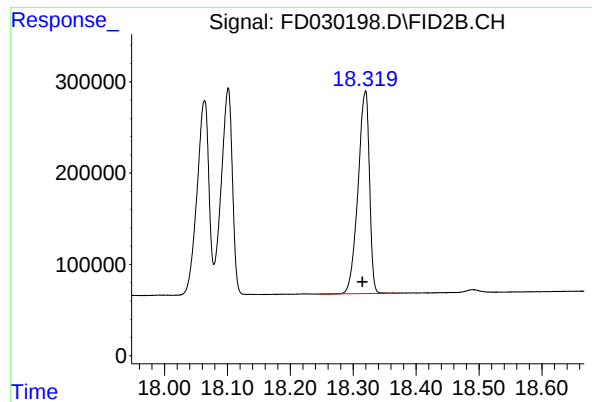
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: 0.005 min
Response: 2798508
Conc: 22.32 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.004 min
Response: 2759917
Conc: 22.35 ug/ml



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

R.T.: 18.319 min
Delta R.T.: 0.005 min
Response: 2792920
Conc: 22.97 ug/ml