

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071519AR\
 Data File : FD029766.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2019 10:02
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 01:01:54 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	3294570	20.820 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
6) S 2-Fluorobiphenyl (SURR)	8.554	2231675	20.776 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.55%
11) S ortho-Terphenyl (SURR)	11.590	3478074	20.494 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	3528204	20.868 ug/ml
2) T Naphthalene (C11.7)	6.031	3735285	20.872 ug/ml
3) T 2-Methylnaphthalene (...)	7.082	3678146	20.849 ug/ml
5) T Acenaphthylene (C15.06)	8.358	3496544	20.654 ug/ml
7) T Acenaphthene (C15.5)	8.653	3661131	20.777 ug/ml
8) T Fluorene (C16.55)	9.432	3613139	20.678 ug/ml
9) T Phenanthrene (C19.36)	10.826	3567217	20.570 ug/ml
10) T Anthracene (C19.43)	10.901	3335934	19.730 ug/ml
12) T Fluoranthene (C21.85)	12.634	3482729	20.338 ug/ml
13) T Pyrene (C20.8)	12.932	3457669	20.326 ug/ml
14) T Benzo[a]anthracene (C...	14.797	3100973	19.892 ug/ml
15) T Chrysene (C27.41)	14.839	3111950	19.966 ug/ml
16) T benzo[b]fluoranthene ...	16.342	2875190	19.690 ug/ml
17) T Bnezo[k]fluoranthene ...	16.375	2851041	19.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.719	2750483	19.614 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.078	2514843	19.740 ug/ml
20) T Dibenz[a,h]anthracene...	18.116	2533950	20.262 ug/ml
21) T Benzo[g,h,i]perylene ...	18.332	2493619	19.990 ug/ml

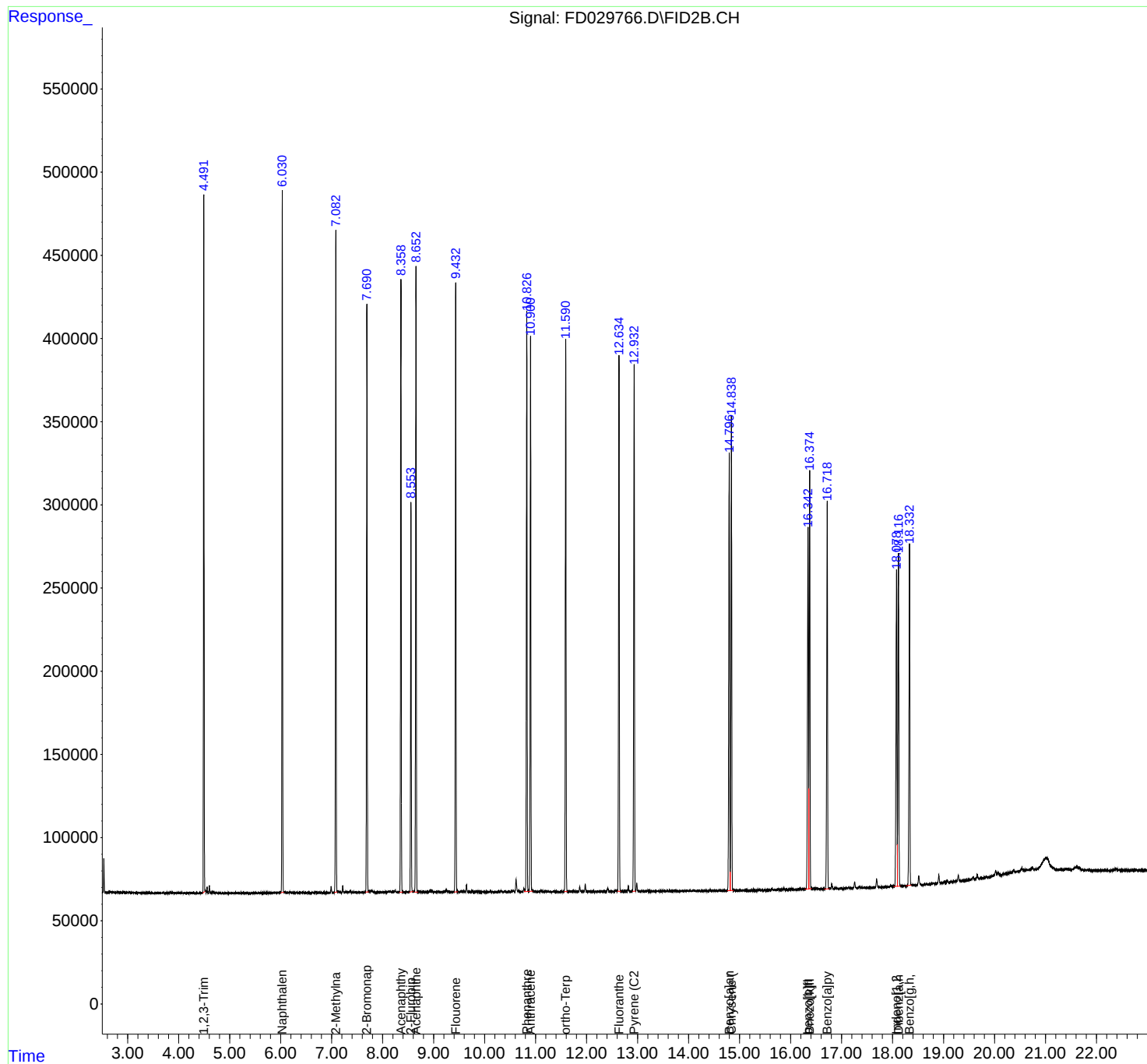
(f)=RT Delta > 1/2 Window

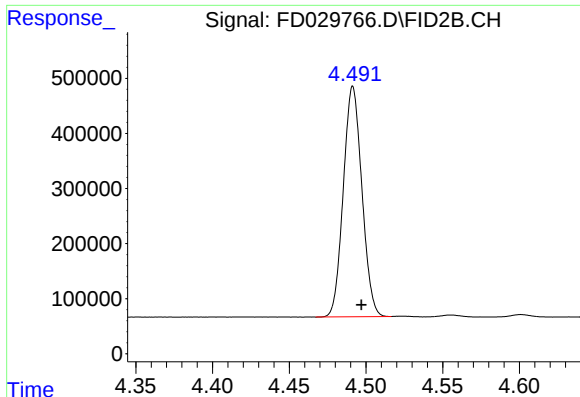
(m)=manual int.

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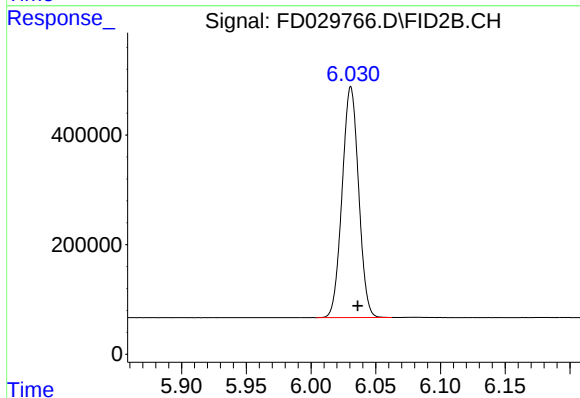
Volume Inj. : 1 µl
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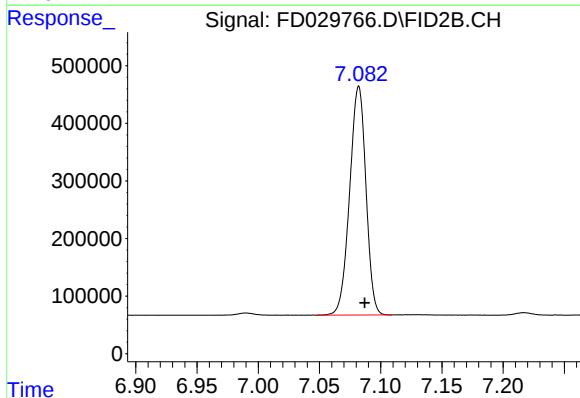
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 3528204
Conc: 20.87 ug/ml



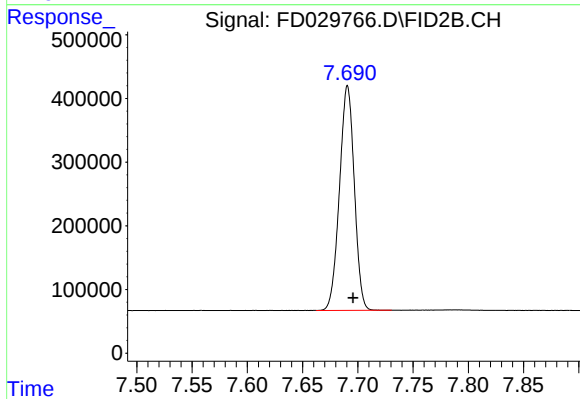
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.005 min
Response: 3735285
Conc: 20.87 ug/ml



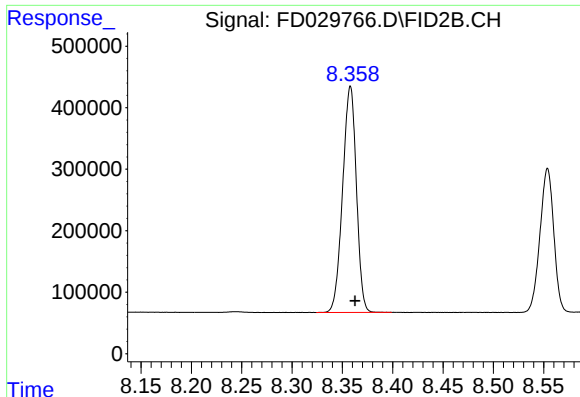
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 3678146
Conc: 20.85 ug/ml



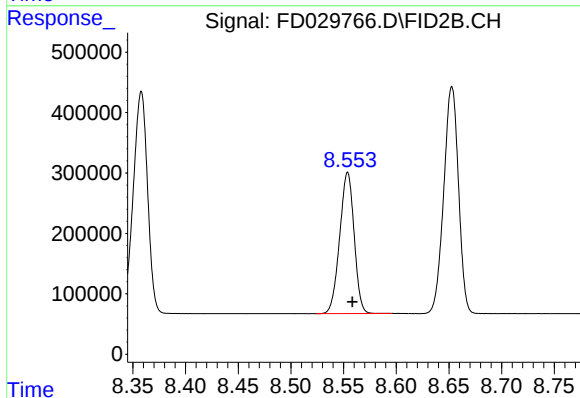
#4 2-Bromonaphthalene (SURR)

R.T.: 7.691 min
Delta R.T.: -0.005 min
Response: 3294570
Conc: 20.82 ug/ml



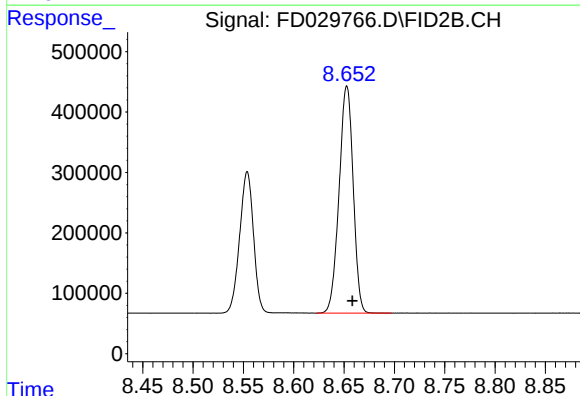
#5 Acenaphthylene (C15.06)

R.T.: 8.358 min
Delta R.T.: -0.005 min
Response: 3496544
Conc: 20.65 ug/ml



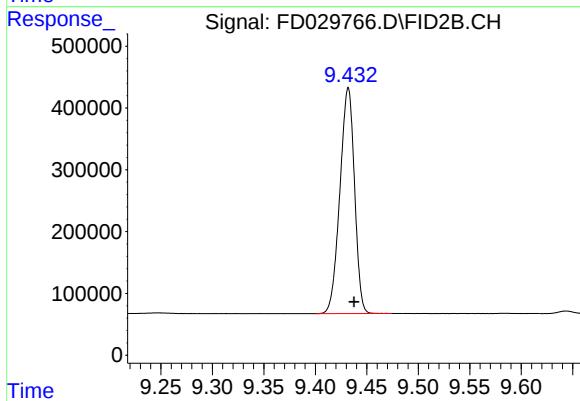
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.004 min
Response: 2231675
Conc: 20.78 ug/ml



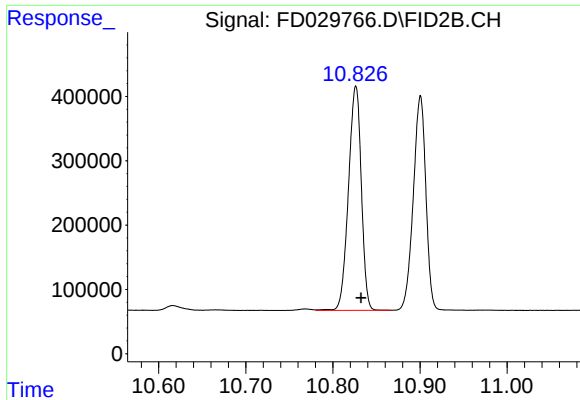
#7 Acenaphthene (C15.5)

R.T.: 8.653 min
Delta R.T.: -0.006 min
Response: 3661131
Conc: 20.78 ug/ml



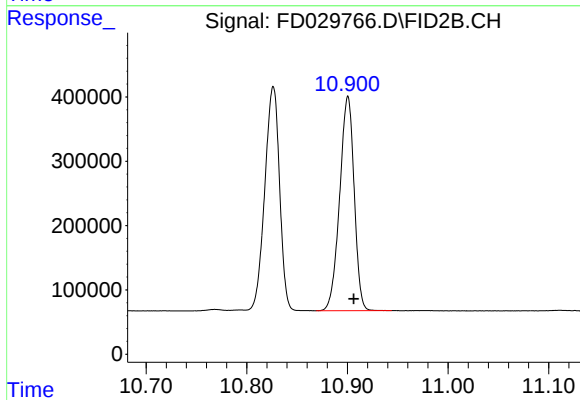
#8 Fluorene (C16.55)

R.T.: 9.432 min
Delta R.T.: -0.006 min
Response: 3613139
Conc: 20.68 ug/ml



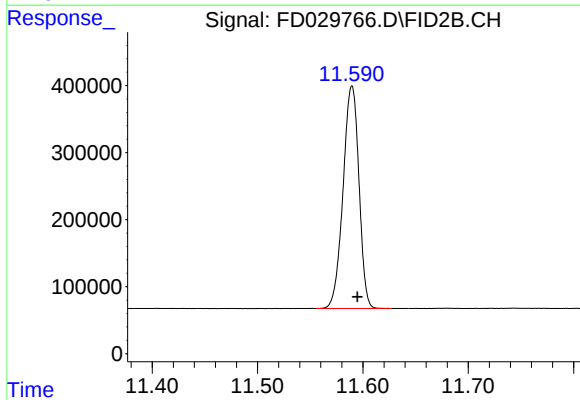
#9 Phenanthrene (C19.36)

R.T.: 10.826 min
Delta R.T.: -0.006 min
Response: 3567217
Conc: 20.57 ug/ml



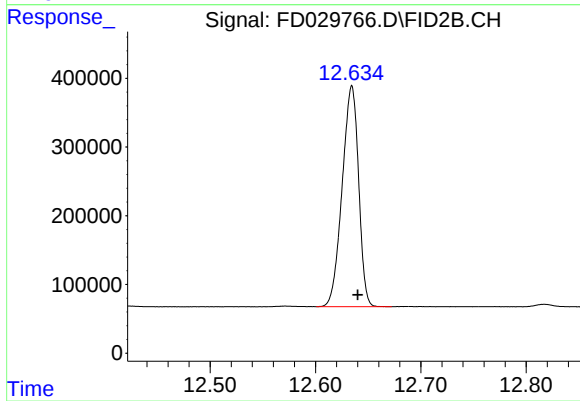
#10 Anthracene (C19.43)

R.T.: 10.901 min
Delta R.T.: -0.006 min
Response: 3335934
Conc: 19.73 ug/ml



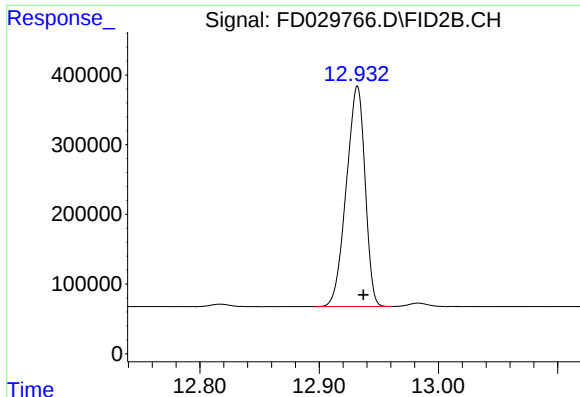
#11 ortho-Terphenyl (SURR)

R.T.: 11.590 min
Delta R.T.: -0.005 min
Response: 3478074
Conc: 20.49 ug/ml



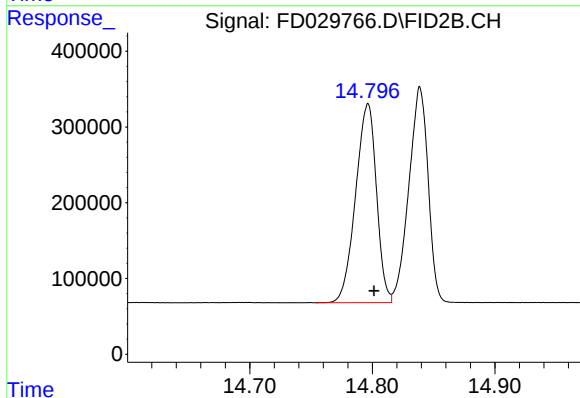
#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: -0.006 min
Response: 3482729
Conc: 20.34 ug/ml



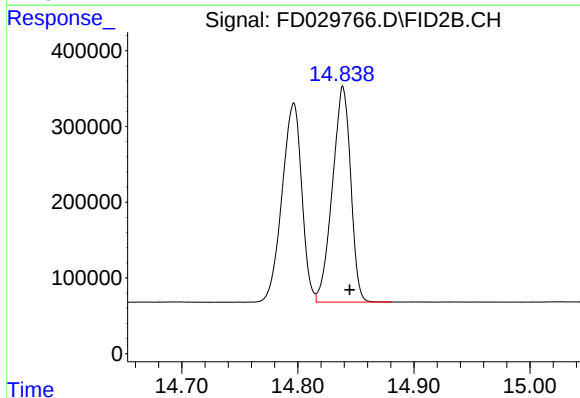
#13 Pyrene (C20.8)

R.T.: 12.932 min
Delta R.T.: -0.005 min
Response: 3457669
Conc: 20.33 ug/ml



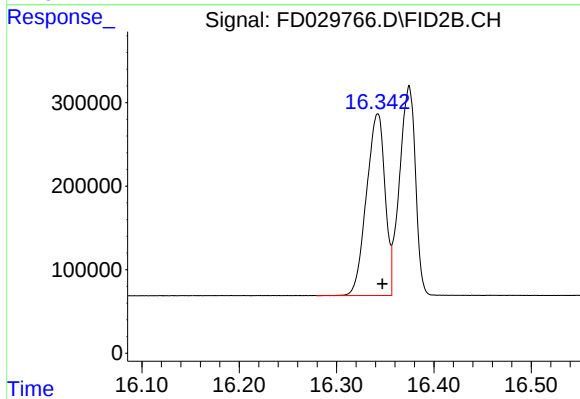
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.797 min
Delta R.T.: -0.005 min
Response: 3100973
Conc: 19.89 ug/ml



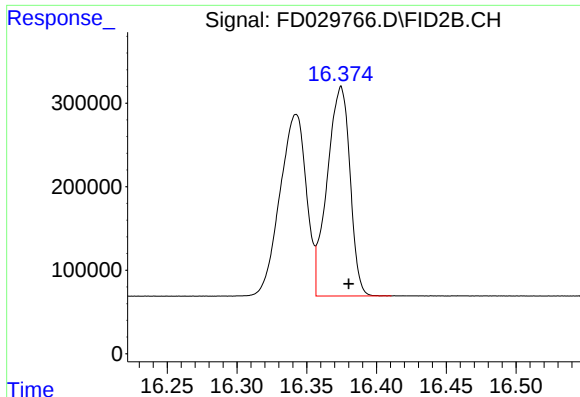
#15 Chrysene (C27.41)

R.T.: 14.839 min
Delta R.T.: -0.006 min
Response: 3111950
Conc: 19.97 ug/ml



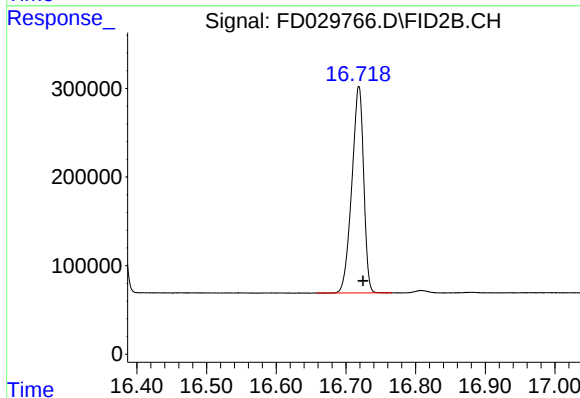
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.342 min
Delta R.T.: -0.005 min
Response: 2875190
Conc: 19.69 ug/ml



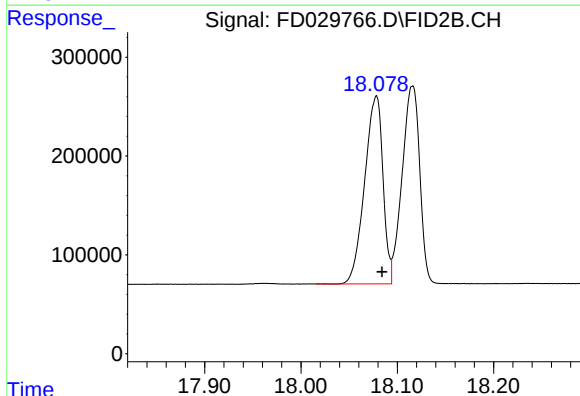
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.375 min
Delta R.T.: -0.005 min
Response: 2851041
Conc: 19.71 ug/ml



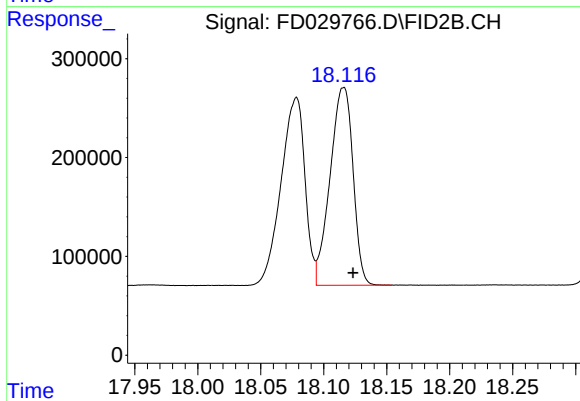
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.719 min
Delta R.T.: -0.006 min
Response: 2750483
Conc: 19.61 ug/ml



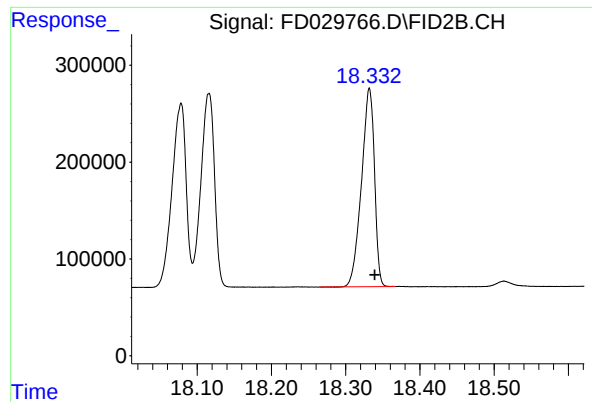
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min
Delta R.T.: -0.006 min
Response: 2514843
Conc: 19.74 ug/ml



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

R.T.: 18.116 min
Delta R.T.: -0.008 min
Response: 2533950
Conc: 20.26 ug/ml



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

R.T.: 18.332 min
Delta R.T.: -0.007 min
Response: 2493619
Conc: 19.99 ug/ml