

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072219AR\
 Data File : FD029821.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2019 14:35
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 00:43:55 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...	7.688	3588636	22.678 ug/ml
Spiked Amount 50.000		Recovery =	45.36%
6) S 2-Fluorobiphenyl (SURR)	8.551	2418168	22.512 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.02%
11) S ortho-Terphenyl (SURR)	11.587	3757556	22.141 ug/ml
Spiked Amount 50.000		Recovery =	44.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	3860530	22.834 ug/ml
2) T Naphthalene (C11.7)	6.028	4090564	22.857 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	4003508	22.694 ug/ml
5) T Acenaphthylene (C15.06)	8.354	3793563	22.409 ug/ml
7) T Acenaphthene (C15.5)	8.650	3972025	22.541 ug/ml
8) T Fluorene (C16.55)	9.429	3913690	22.398 ug/ml
9) T Phenanthrene (C19.36)	10.824	3850288	22.203 ug/ml
10) T Anthracene (C19.43)	10.898	3649216	21.583 ug/ml
12) T Fluoranthene (C21.85)	12.632	3709368	21.661 ug/ml
13) T Pyrene (C20.8)	12.929	3665669	21.549 ug/ml
14) T Benzo[a]anthracene (C...	14.793	3244917	20.815 ug/ml
15) T Chrysene (C27.41)	14.837	3255094	20.884 ug/ml
16) T benzo[b]fluoranthene ...	16.338	3031875	20.763 ug/ml
17) T Bnezo[k]fluoranthene ...	16.372	2990126	20.675 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.716	2919731	20.821 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	2824760	22.172 ug/ml
20) T Dibenz[a,h]anthracene...	18.115	2830901	22.636 ug/ml
21) T Benzo[g,h,i]perylene ...	18.332	2836471	22.739 ug/ml

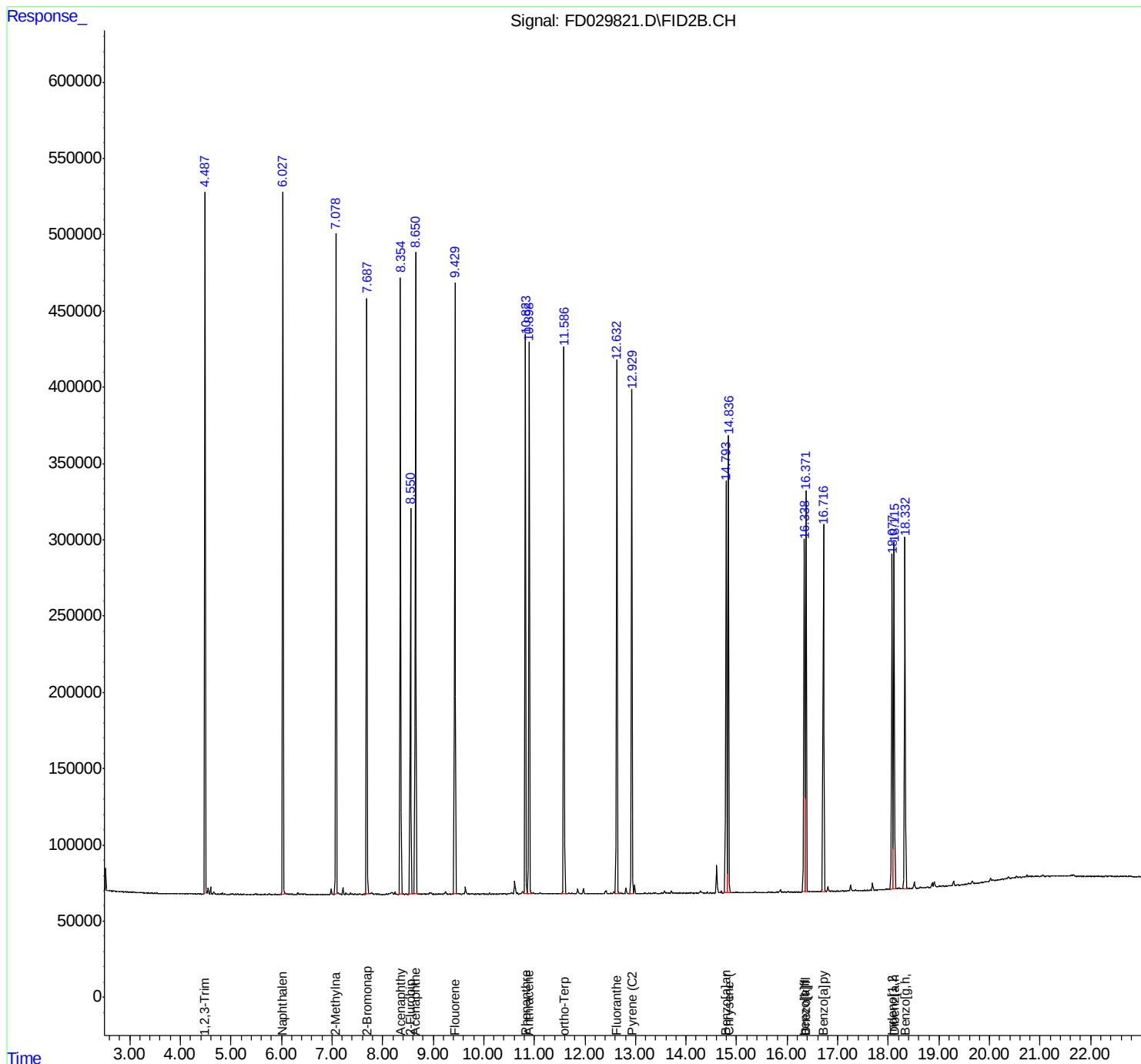
(f)=RT Delta > 1/2 Window

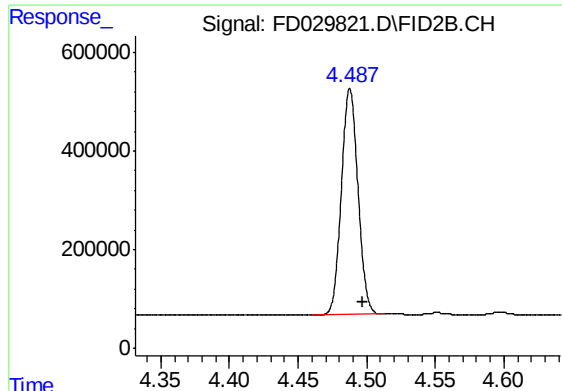
(m)=manual int.

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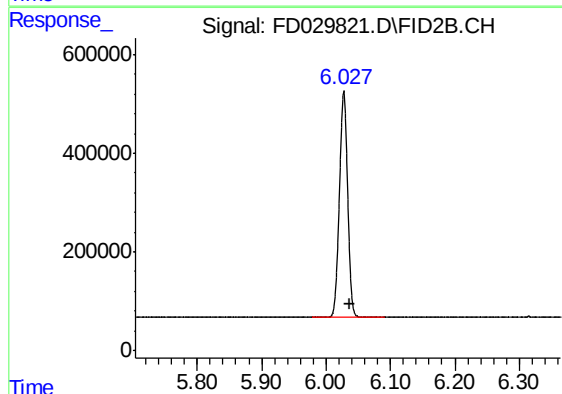
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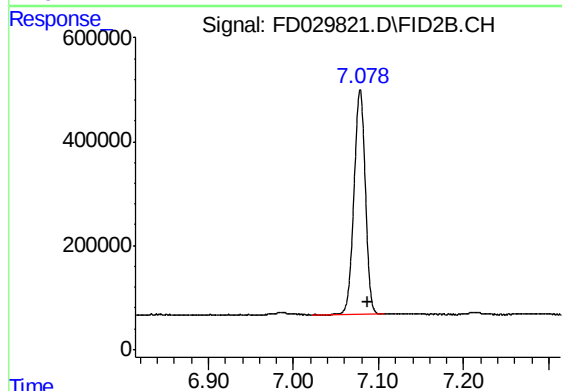
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.488 min
Delta R.T.: -0.009 min
Response: 3860530
Conc: 22.83 ug/ml



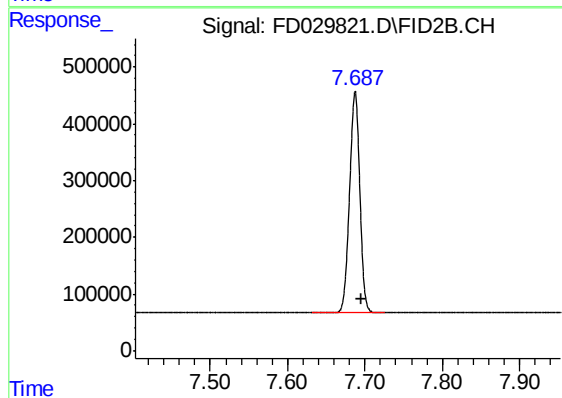
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.008 min
Response: 4090564
Conc: 22.86 ug/ml



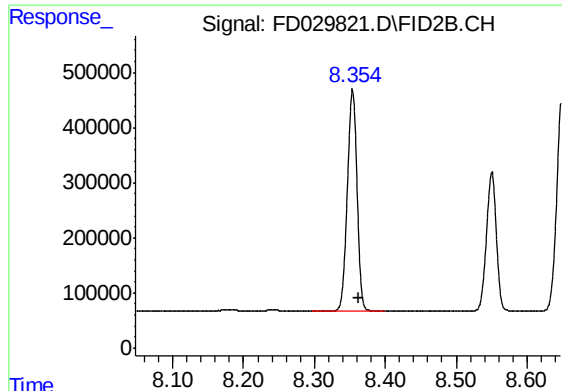
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.009 min
Response: 4003508
Conc: 22.69 ug/ml



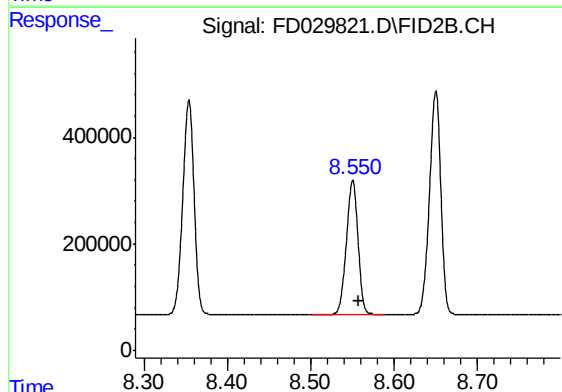
#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.008 min
Response: 3588636
Conc: 22.68 ug/ml



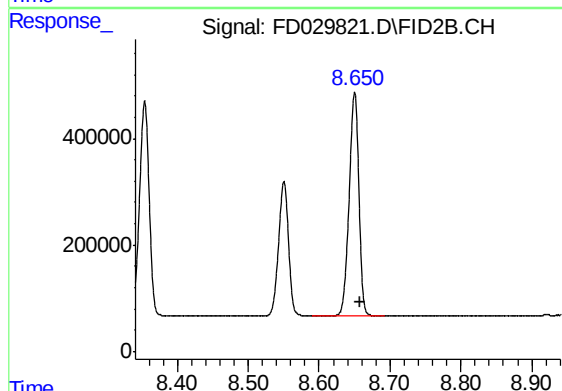
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: -0.009 min
Response: 3793563
Conc: 22.41 ug/ml



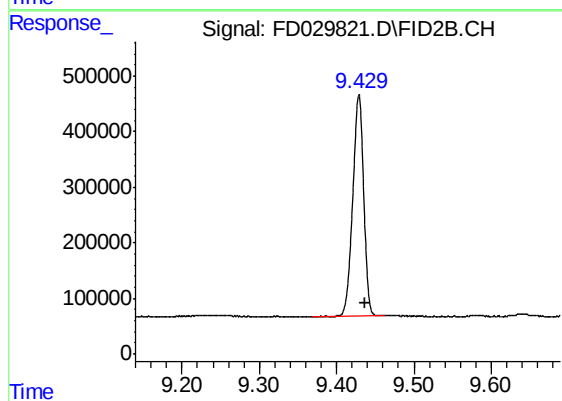
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.008 min
Response: 2418168
Conc: 22.51 ug/ml



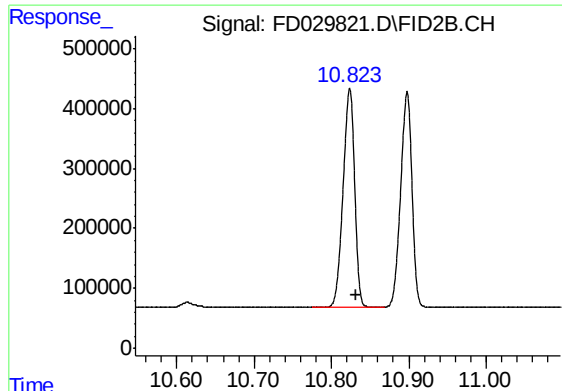
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.008 min
Response: 3972025
Conc: 22.54 ug/ml



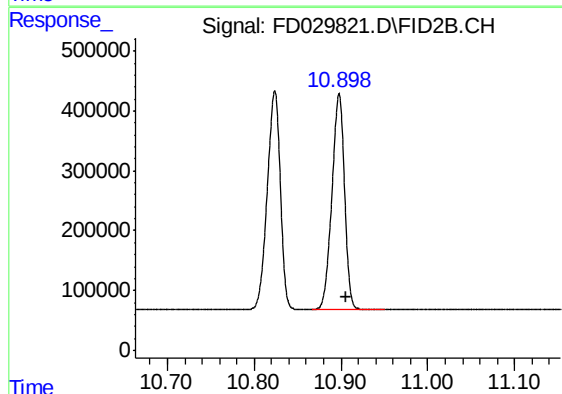
#8 Flouorene (C16.55)

R.T.: 9.429 min
Delta R.T.: -0.008 min
Response: 3913690
Conc: 22.40 ug/ml



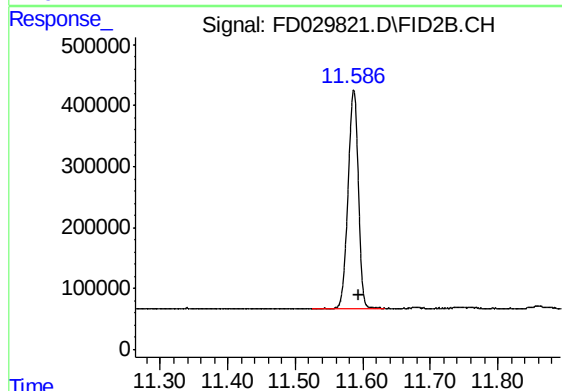
#9 Phenanthrene (C19.36)

R.T.: 10.824 min
Delta R.T.: -0.008 min
Response: 3850288
Conc: 22.20 ug/ml



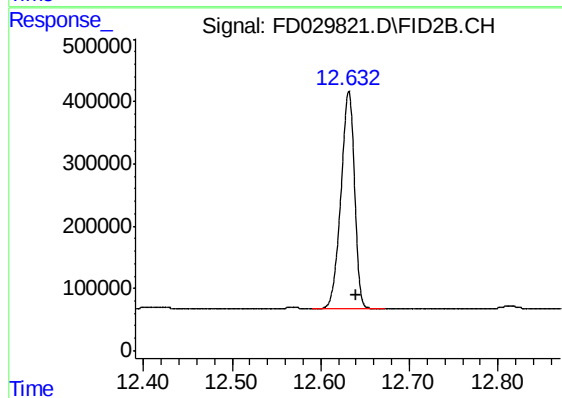
#10 Anthracene (C19.43)

R.T.: 10.898 min
Delta R.T.: -0.009 min
Response: 3649216
Conc: 21.58 ug/ml



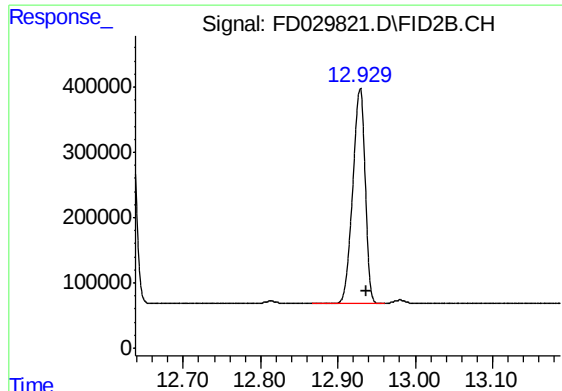
#11 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: -0.008 min
Response: 3757556
Conc: 22.14 ug/ml



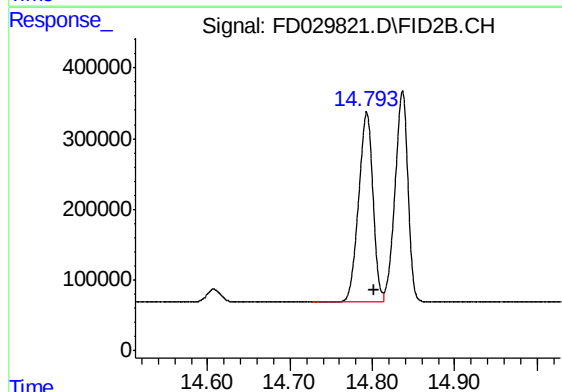
#12 Fluoranthene (C21.85)

R.T.: 12.632 min
Delta R.T.: -0.008 min
Response: 3709368
Conc: 21.66 ug/ml



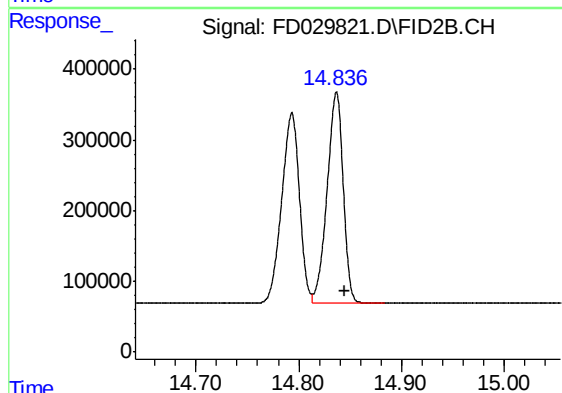
#13 Pyrene (C20.8)

R.T.: 12.929 min
Delta R.T.: -0.008 min
Response: 3665669
Conc: 21.55 ug/ml



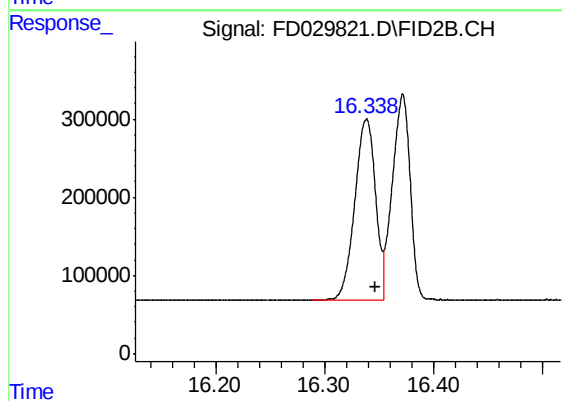
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.793 min
Delta R.T.: -0.008 min
Response: 3244917
Conc: 20.81 ug/ml



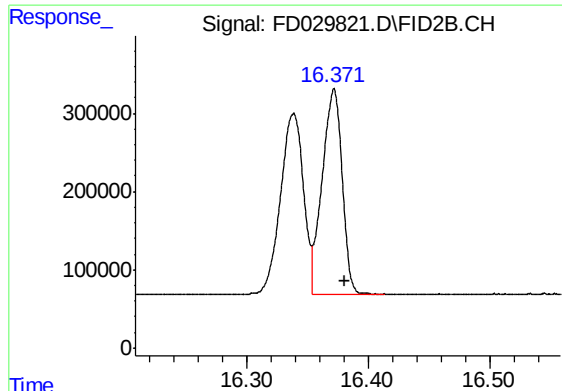
#15 Chrysene (C27.41)

R.T.: 14.837 min
Delta R.T.: -0.008 min
Response: 3255094
Conc: 20.88 ug/ml



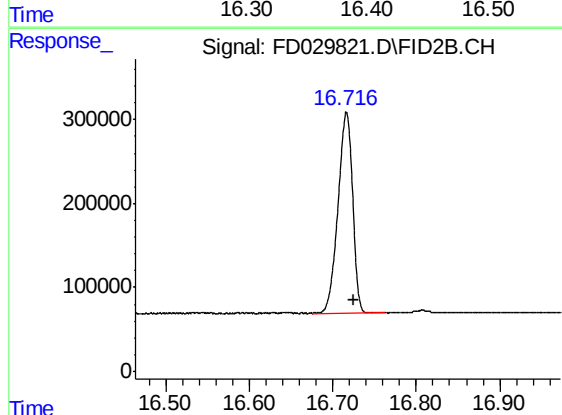
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.338 min
Delta R.T.: -0.009 min
Response: 3031875
Conc: 20.76 ug/ml



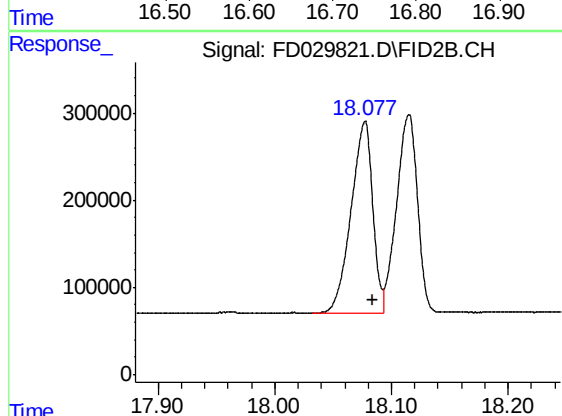
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.372 min
Delta R.T.: -0.008 min
Response: 2990126
Conc: 20.67 ug/ml



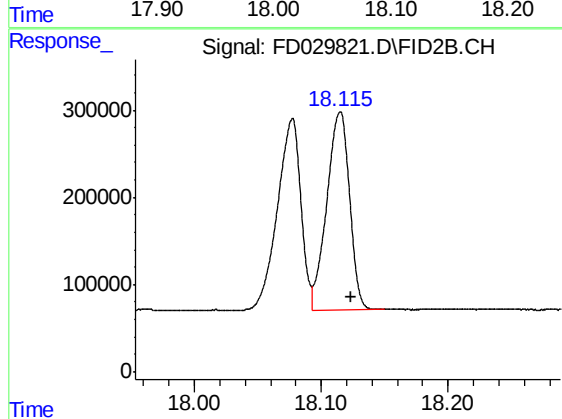
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: -0.008 min
Response: 2919731
Conc: 20.82 ug/ml



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

R.T.: 18.077 min
Delta R.T.: -0.007 min
Response: 2824760
Conc: 22.17 ug/ml



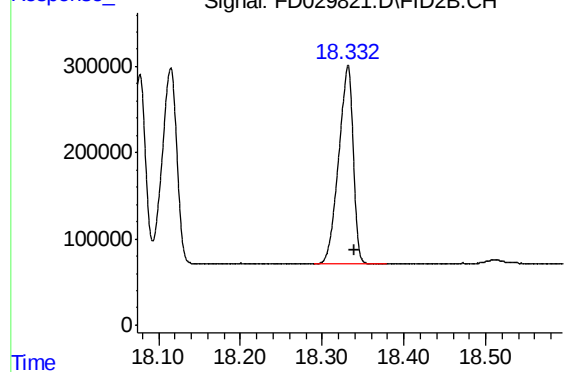
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.115 min
Delta R.T.: -0.008 min
Response: 2830901
Conc: 22.64 ug/ml

Response_

Signal: FD029821.D\FID2B.CH

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



R.T.: 18.332 min
Delta R.T.: -0.007 min
Response: 2836471
Conc: 22.74 ug/ml