

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071219AR\
 Data File : FD029745.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jul 2019 9:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 00:54:54 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...	7.694	3492725	22.072 ug/ml
Spiked Amount 50.000		Recovery =	44.14%
6) S 2-Fluorobiphenyl (SURR)	8.557	2372577	22.087 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.17%
11) S ortho-Terphenyl (SURR)	11.593	3728864	21.972 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	3711724	21.953 ug/ml
2) T Naphthalene (C11.7)	6.034	3943521	22.035 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	3891291	22.058 ug/ml
5) T Acenaphthylene (C15.06)	8.361	3715933	21.950 ug/ml
7) T Acenaphthene (C15.5)	8.657	3883704	22.040 ug/ml
8) T Flouorene (C16.55)	9.436	3845363	22.007 ug/ml
9) T Phenanthrene (C19.36)	10.830	3821065	22.034 ug/ml
10) T Anthracene (C19.43)	10.905	3633201	21.488 ug/ml
12) T Fluoranthene (C21.85)	12.638	3759011	21.951 ug/ml
13) T Pyrene (C20.8)	12.936	3738577	21.977 ug/ml
14) T Benzo[a]anthracene (C...	14.801	3420110	21.939 ug/ml
15) T Chrysene (C27.41)	14.845	3424014	21.968 ug/ml
16) T benzo[b]fluoranthene ...	16.347	3196328	21.889 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	3145741	21.751 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.724	3048401	21.739 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.084	2753213	21.611 ug/ml
20) T Dibenz[a,h]anthracene...	18.122	2800552	22.394 ug/ml
21) T Benzo[g,h,i]perylene ...	18.339	2722068	21.822 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

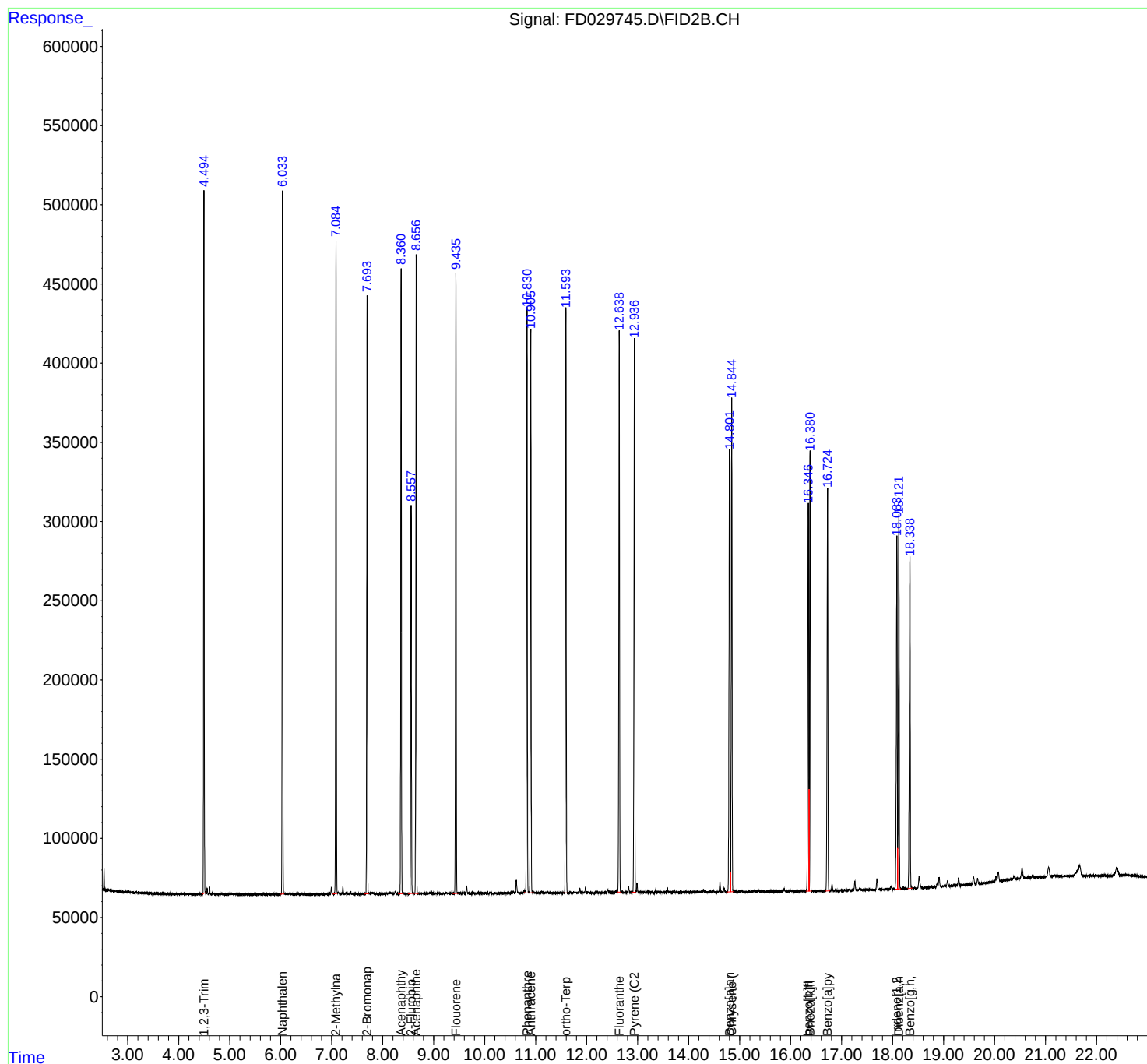
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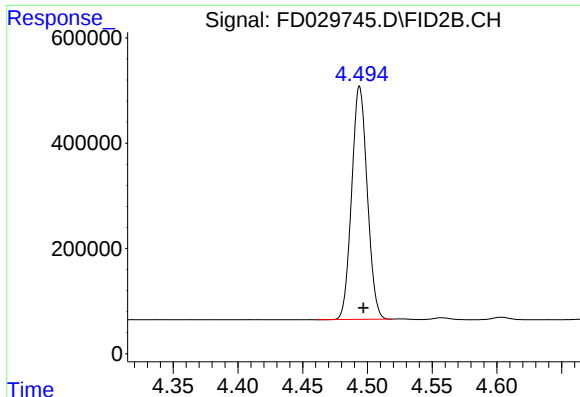
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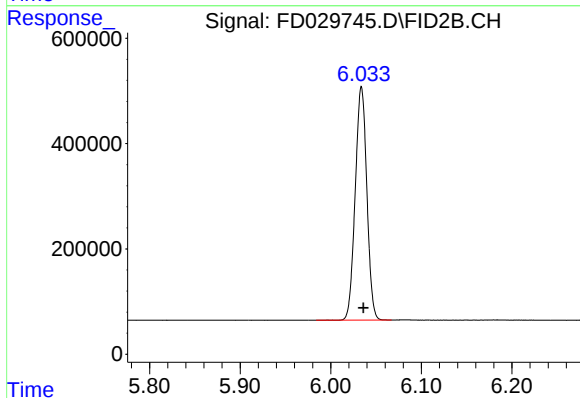
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





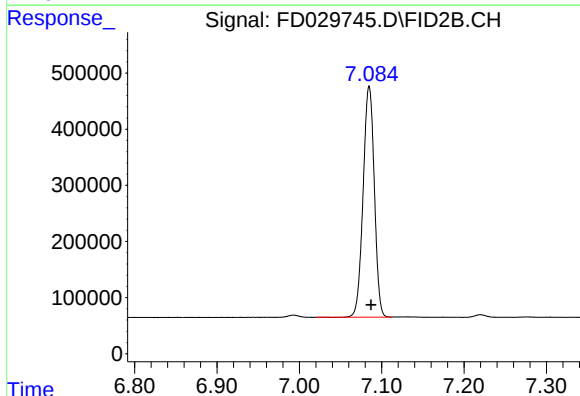
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 3711724
Conc: 21.95 ug/ml



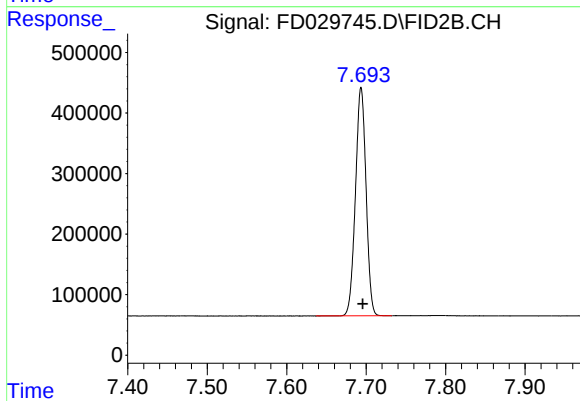
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 3943521
Conc: 22.04 ug/ml



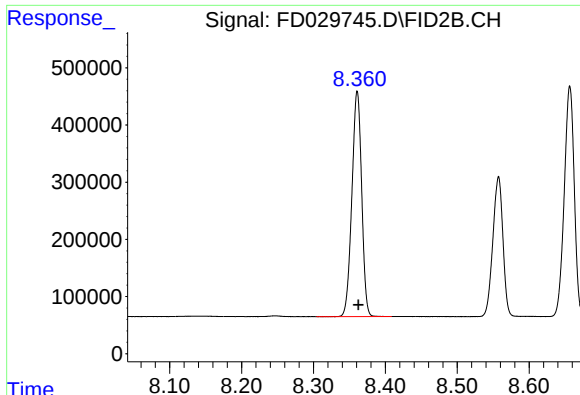
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 3891291
Conc: 22.06 ug/ml



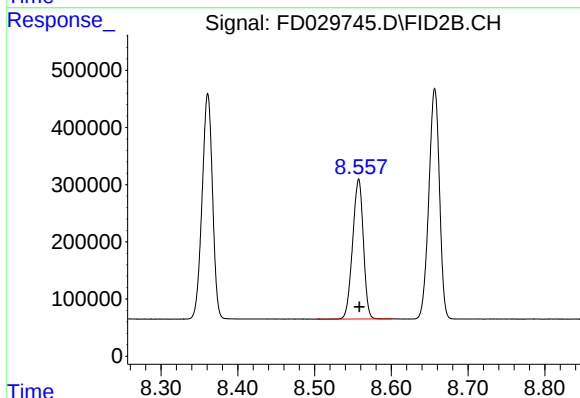
#4 2-Bromonaphthalene (SURR)

R.T.: 7.694 min
Delta R.T.: -0.002 min
Response: 3492725
Conc: 22.07 ug/ml



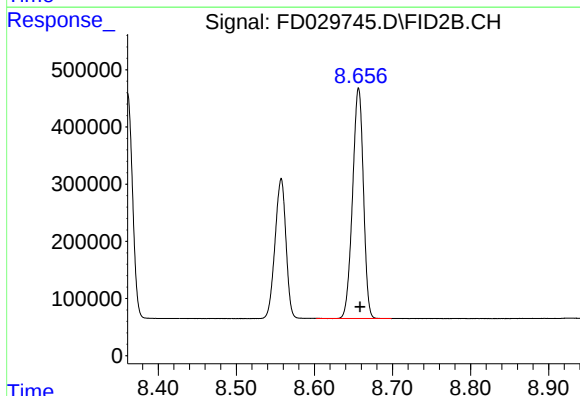
#5 Acenaphthylene (C15.06)

R.T.: 8.361 min
Delta R.T.: -0.002 min
Response: 3715933
Conc: 21.95 ug/ml



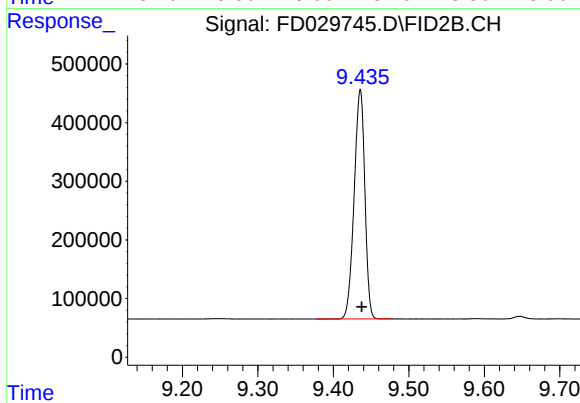
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 2372577
Conc: 22.09 ug/ml



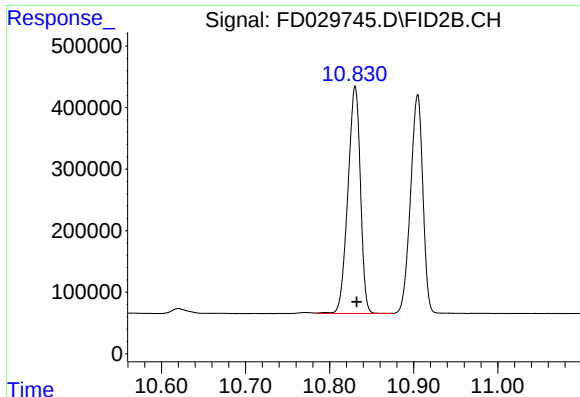
#7 Acenaphthene (C15.5)

R.T.: 8.657 min
Delta R.T.: -0.002 min
Response: 3883704
Conc: 22.04 ug/ml



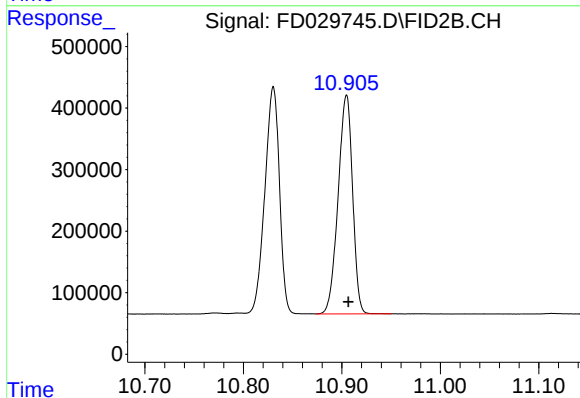
#8 Fluorene (C16.55)

R.T.: 9.436 min
Delta R.T.: -0.002 min
Response: 3845363
Conc: 22.01 ug/ml



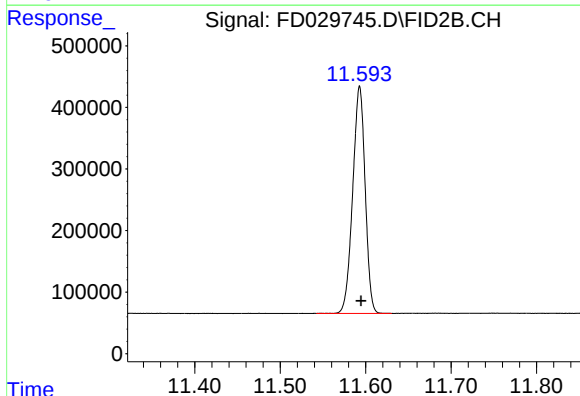
#9 Phenanthrene (C19.36)

R.T.: 10.830 min
Delta R.T.: -0.002 min
Response: 3821065
Conc: 22.03 ug/ml



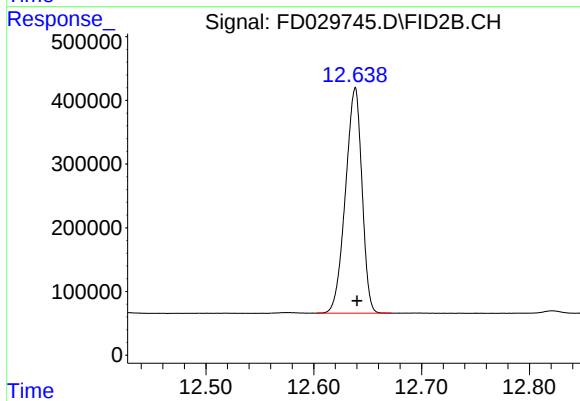
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: -0.002 min
Response: 3633201
Conc: 21.49 ug/ml



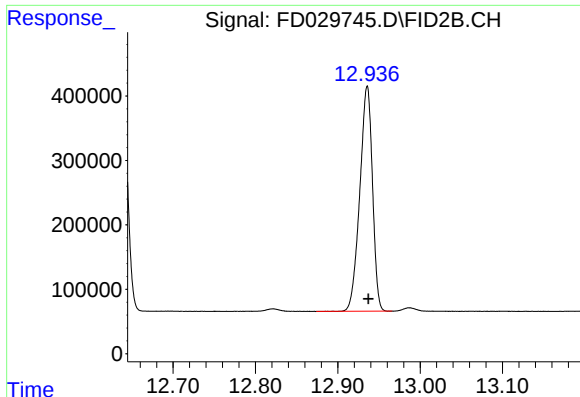
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.002 min
Response: 3728864
Conc: 21.97 ug/ml



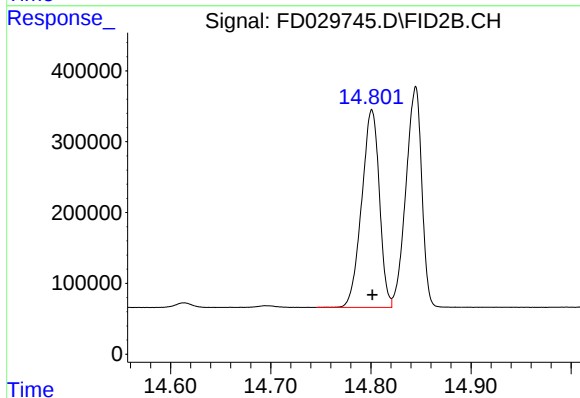
#12 Fluoranthene (C21.85)

R.T.: 12.638 min
Delta R.T.: -0.002 min
Response: 3759011
Conc: 21.95 ug/ml



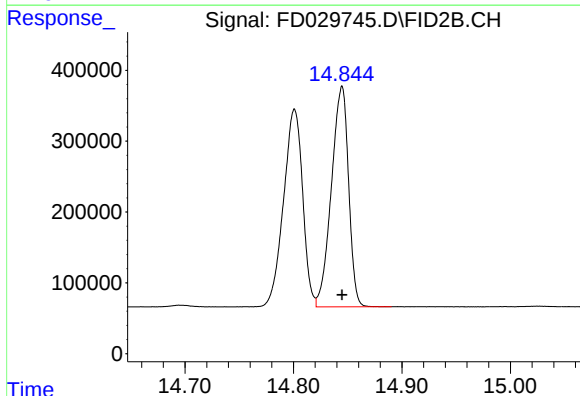
#13 Pyrene (C20.8)

R.T.: 12.936 min
Delta R.T.: -0.001 min
Response: 3738577
Conc: 21.98 ug/ml



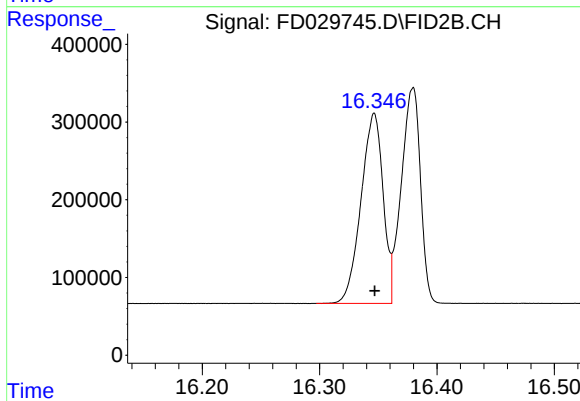
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 3420110
Conc: 21.94 ug/ml



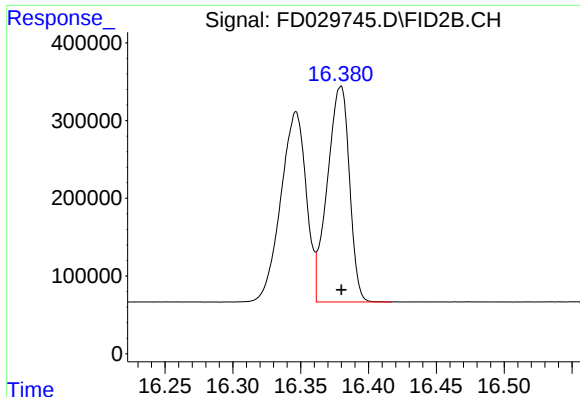
#15 Chrysene (C27.41)

R.T.: 14.845 min
Delta R.T.: 0.000 min
Response: 3424014
Conc: 21.97 ug/ml



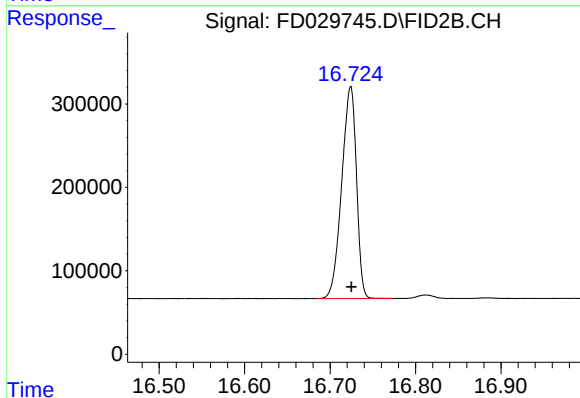
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.347 min
Delta R.T.: 0.000 min
Response: 3196328
Conc: 21.89 ug/ml



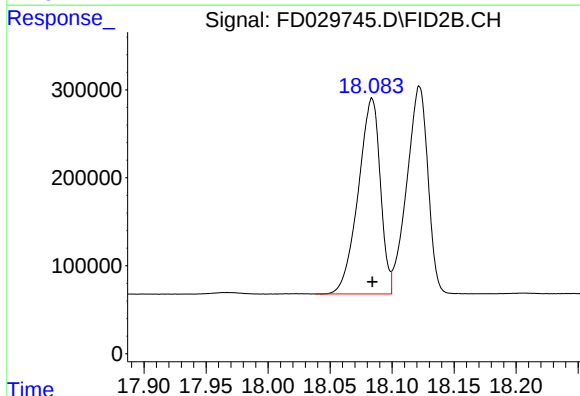
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.380 min
Delta R.T.: 0.000 min
Response: 3145741
Conc: 21.75 ug/ml



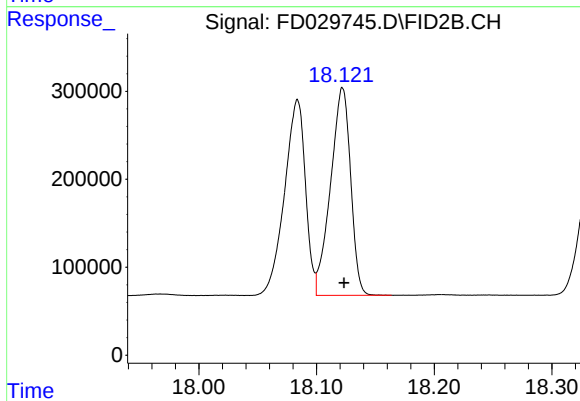
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.724 min
Delta R.T.: 0.000 min
Response: 3048401
Conc: 21.74 ug/ml



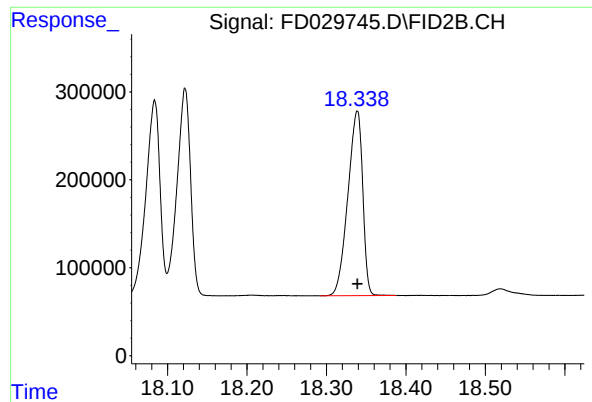
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 2753213
Conc: 21.61 ug/ml



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

R.T.: 18.122 min
Delta R.T.: -0.001 min
Response: 2800552
Conc: 22.39 ug/ml



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

R.T.: 18.339 min
Delta R.T.: 0.000 min
Response: 2722068
Conc: 21.82 ug/ml