

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072219AR\
 Data File : FD029818.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2019 12:34
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 00:43:11 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...	7.687	3551408	22.443 ug/ml
Spiked Amount 50.000		Recovery =	44.89%
6) S 2-Fluorobiphenyl (SURR)	8.550	2394725	22.294 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.59%
11) S ortho-Terphenyl (SURR)	11.586	3704999	21.831 ug/ml
Spiked Amount 50.000		Recovery =	43.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	3814121	22.559 ug/ml
2) T Naphthalene (C11.7)	6.027	4034816	22.545 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	3968712	22.496 ug/ml
5) T Acenaphthylene (C15.06)	8.354	3754027	22.175 ug/ml
7) T Acenaphthene (C15.5)	8.650	3932372	22.316 ug/ml
8) T Flouorene (C16.55)	9.428	3870013	22.148 ug/ml
9) T Phenanthrene (C19.36)	10.823	3791714	21.865 ug/ml
10) T Anthracene (C19.43)	10.897	3597338	21.276 ug/ml
12) T Fluoranthene (C21.85)	12.631	3661036	21.379 ug/ml
13) T Pyrene (C20.8)	12.928	3616913	21.262 ug/ml
14) T Benzo[a]anthracene (C...	14.793	3200167	20.528 ug/ml
15) T Chrysene (C27.41)	14.836	3211388	20.604 ug/ml
16) T benzo[b]fluoranthene ...	16.337	2982969	20.428 ug/ml
17) T Bnezo[k]fluoranthene ...	16.371	2952938	20.418 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.716	2885599	20.578 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.076	2781758	21.835 ug/ml
20) T Dibenz[a,h]anthracene...	18.114	2793728	22.339 ug/ml
21) T Benzo[g,h,i]perylene ...	18.332	2799450	22.442 ug/ml

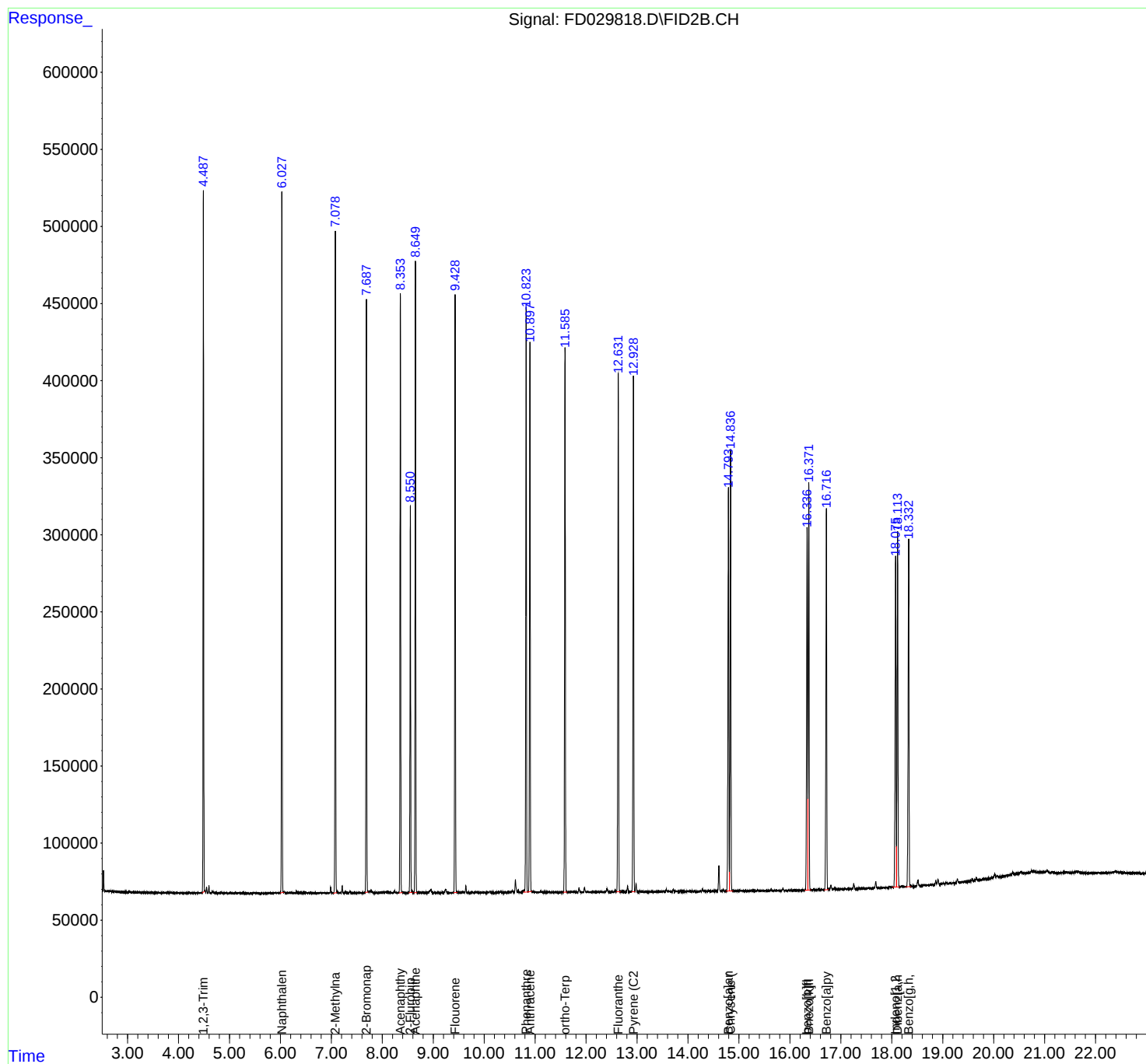
(f)=RT Delta > 1/2 Window

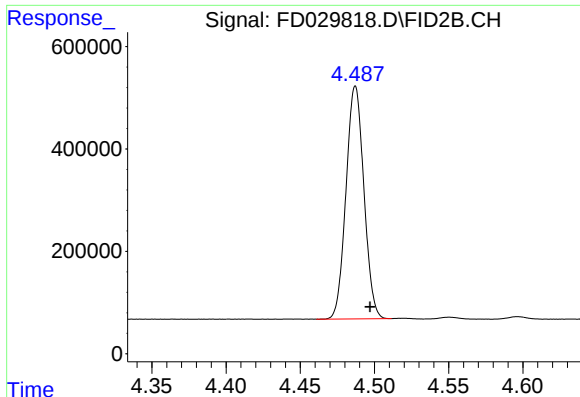
(m)=manual int.

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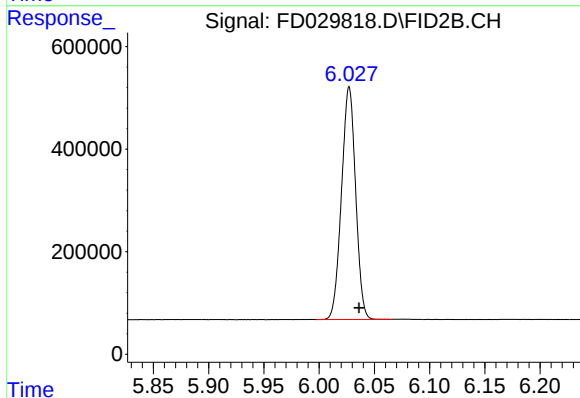
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





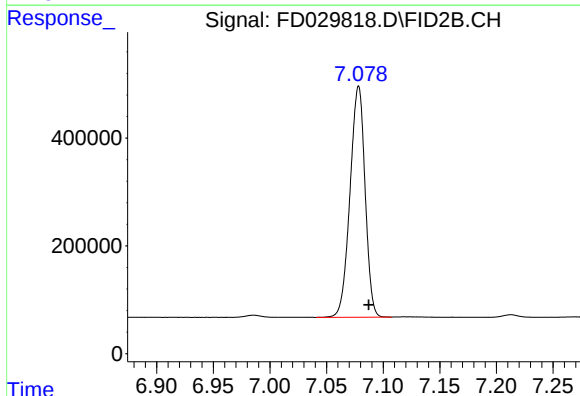
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.487 min
Delta R.T.: -0.010 min
Response: 3814121
Conc: 22.56 ug/ml



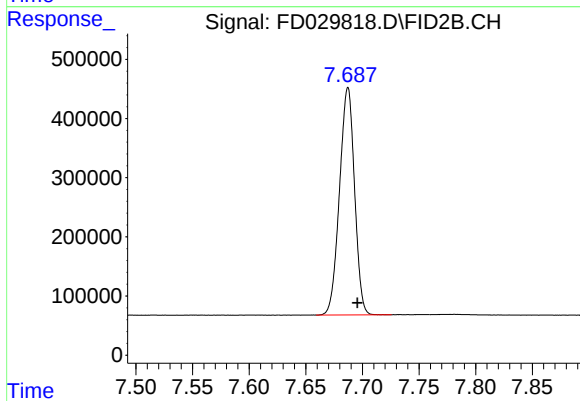
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.009 min
Response: 4034816
Conc: 22.55 ug/ml



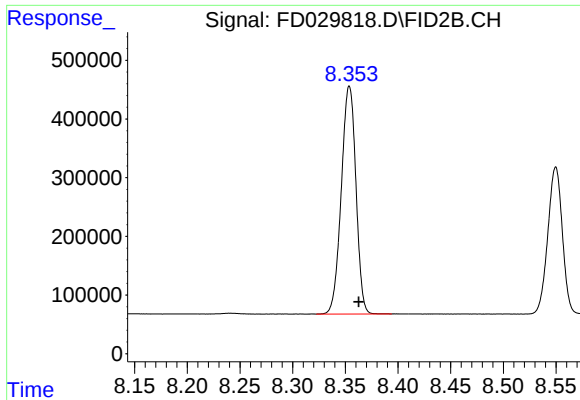
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.009 min
Response: 3968712
Conc: 22.50 ug/ml



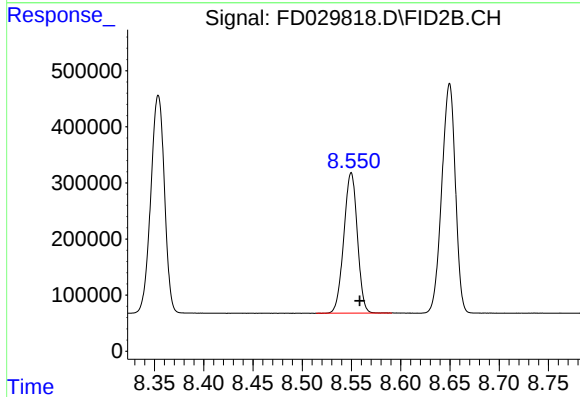
#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.008 min
Response: 3551408
Conc: 22.44 ug/ml



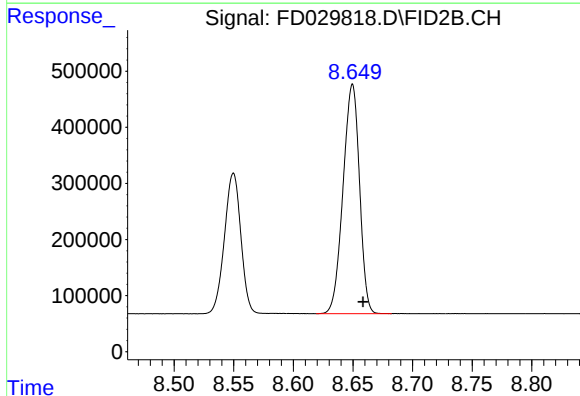
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: -0.009 min
Response: 3754027
Conc: 22.18 ug/ml



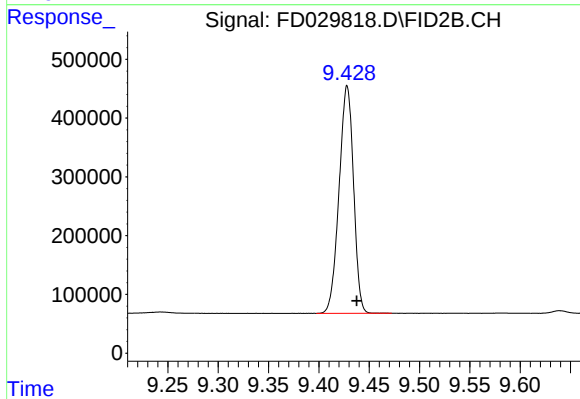
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.550 min
Delta R.T.: -0.009 min
Response: 2394725
Conc: 22.29 ug/ml



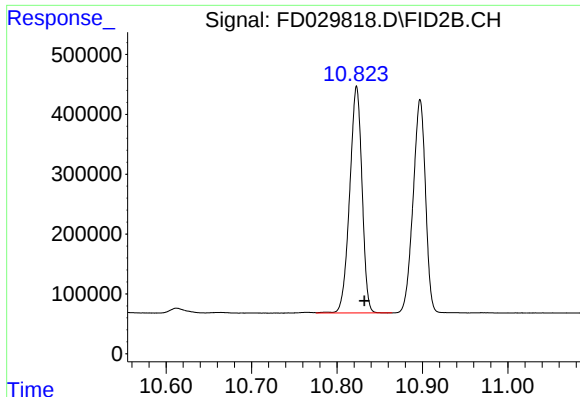
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.009 min
Response: 3932372
Conc: 22.32 ug/ml



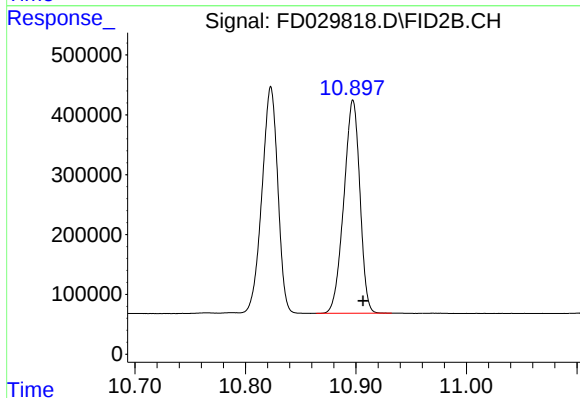
#8 Fluorene (C16.55)

R.T.: 9.428 min
Delta R.T.: -0.009 min
Response: 3870013
Conc: 22.15 ug/ml



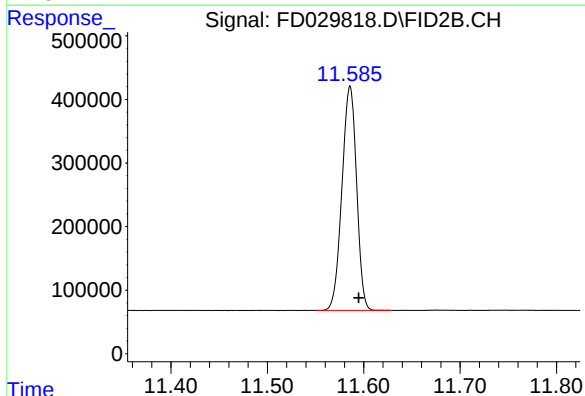
#9 Phenanthrene (C19.36)

R.T.: 10.823 min
Delta R.T.: -0.009 min
Response: 3791714
Conc: 21.87 ug/ml



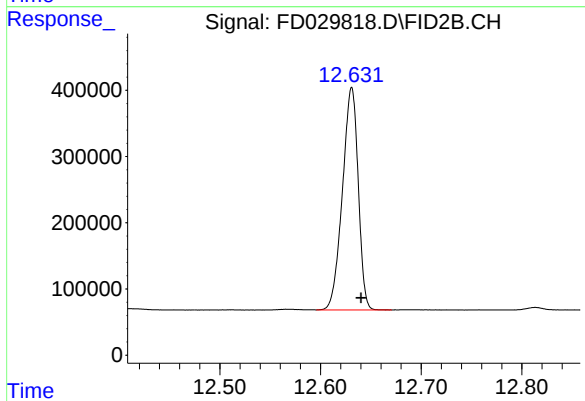
#10 Anthracene (C19.43)

R.T.: 10.897 min
Delta R.T.: -0.009 min
Response: 3597338
Conc: 21.28 ug/ml



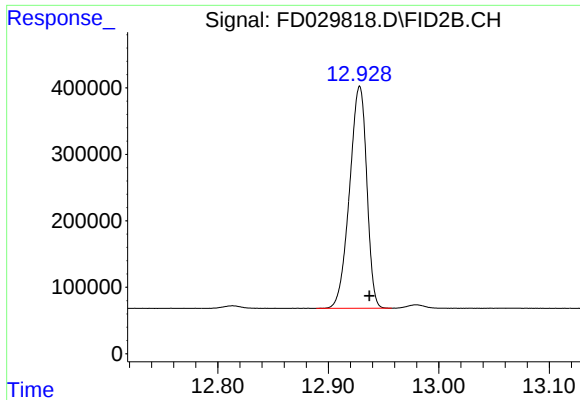
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: -0.009 min
Response: 3704999
Conc: 21.83 ug/ml



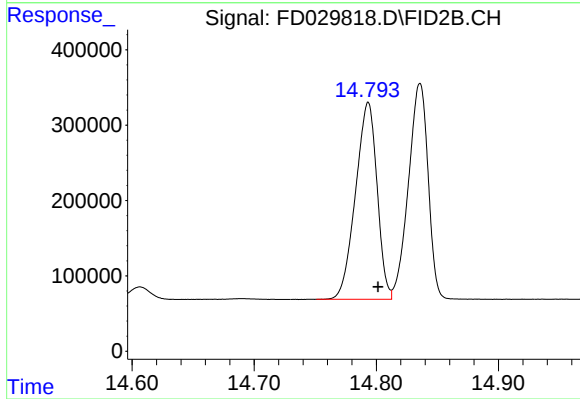
#12 Fluoranthene (C21.85)

R.T.: 12.631 min
Delta R.T.: -0.009 min
Response: 3661036
Conc: 21.38 ug/ml



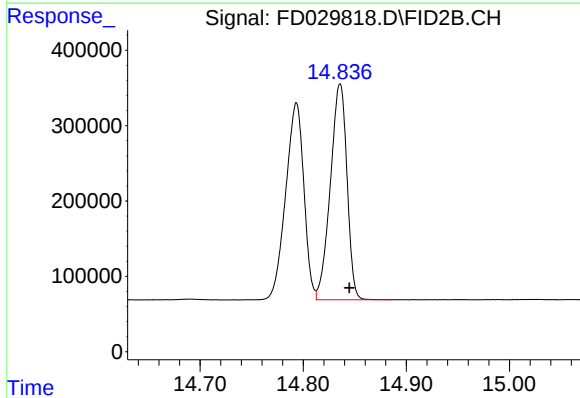
#13 Pyrene (C20.8)

R.T.: 12.928 min
Delta R.T.: -0.009 min
Response: 3616913
Conc: 21.26 ug/ml



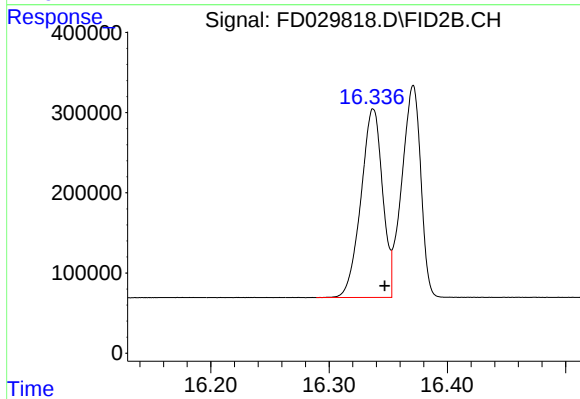
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.793 min
Delta R.T.: -0.008 min
Response: 3200167
Conc: 20.53 ug/ml



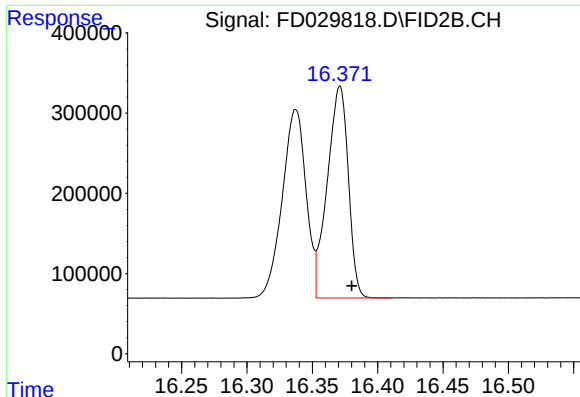
#15 Chrysene (C27.41)

R.T.: 14.836 min
Delta R.T.: -0.009 min
Response: 3211388
Conc: 20.60 ug/ml



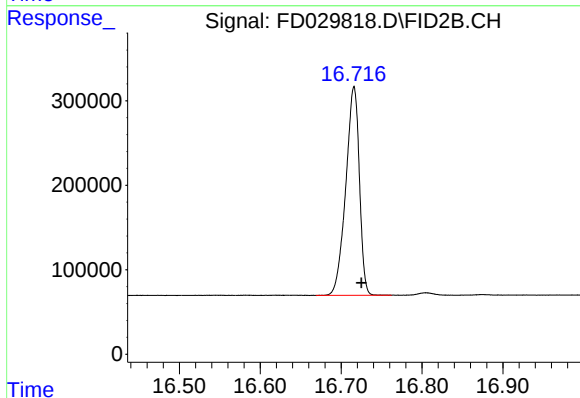
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.337 min
Delta R.T.: -0.010 min
Response: 2982969
Conc: 20.43 ug/ml



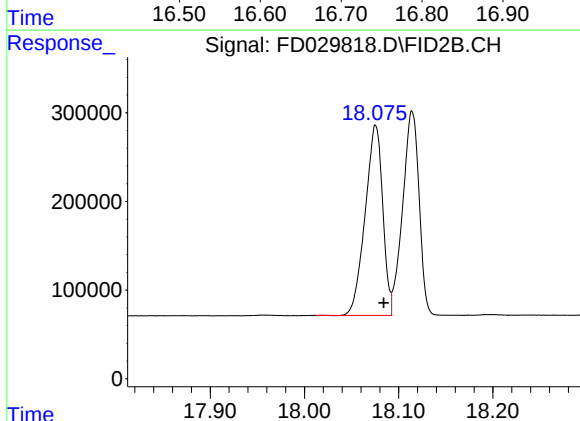
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.371 min
Delta R.T.: -0.009 min
Response: 2952938
Conc: 20.42 ug/ml



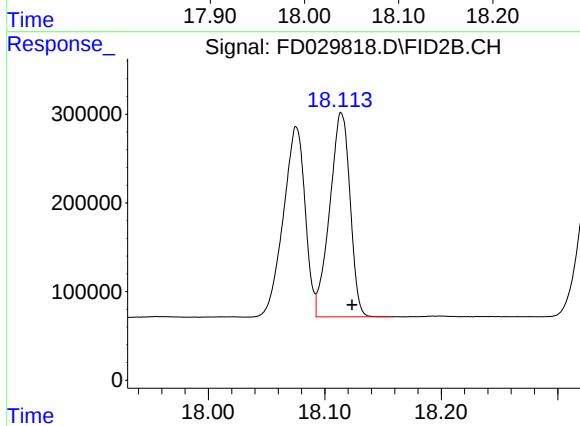
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: -0.009 min
Response: 2885599
Conc: 20.58 ug/ml



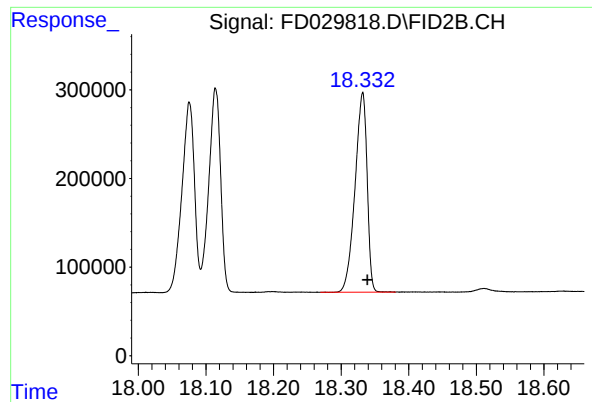
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min
Delta R.T.: -0.009 min
Response: 2781758
Conc: 21.83 ug/ml



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

R.T.: 18.114 min
Delta R.T.: -0.009 min
Response: 2793728
Conc: 22.34 ug/ml



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

R.T.: 18.332 min
Delta R.T.: -0.007 min
Response: 2799450
Conc: 22.44 ug/ml