

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031920AR\
 Data File : FD032710.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2020 4:53
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 06:46:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 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...	7.613	2824915	21.857 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
6) S 2-Fluorobiphenyl (SURR)	8.475	1837225	20.811 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.62%
11) S ortho-Terphenyl (SURR)	11.510	2827005	20.389 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.418	3185685	23.949 ug/mlm
2) T Naphthalene (C11.7)	5.954	3230011	22.733 ug/ml
3) T 2-Methylnaphthalene (...)	7.004	3121333	21.989 ug/ml
5) T Acenaphthylene (C15.06)	8.278	2852155	20.850 ug/ml
7) T Acenaphthene (C15.5)	8.573	3016401	21.365 ug/ml
8) T Flouorene (C16.55)	9.352	2881199	20.553 ug/ml
9) T Phenanthrene (C19.36)	10.746	2749523	19.675 ug/ml
10) T Anthracene (C19.43)	10.820	2173120	15.522 ug/ml
12) T Fluoranthene (C21.85)	12.556	2720992	19.401 ug/ml
13) T Pyrene (C20.8)	12.853	2680660	19.496 ug/ml
14) T Benzo[a]anthracene (C...	14.723	2531889	19.403 ug/ml
15) T Chrysene (C27.41)	14.765	2660589	19.764 ug/ml
16) T benzo[b]fluoranthene ...	16.274	2686637	20.942 ug/ml
17) T Bnezo[k]fluoranthene ...	16.307	2669820	20.337 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2626785	20.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	2637319	22.132 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	2746001	21.718 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2663805	22.533 ug/ml

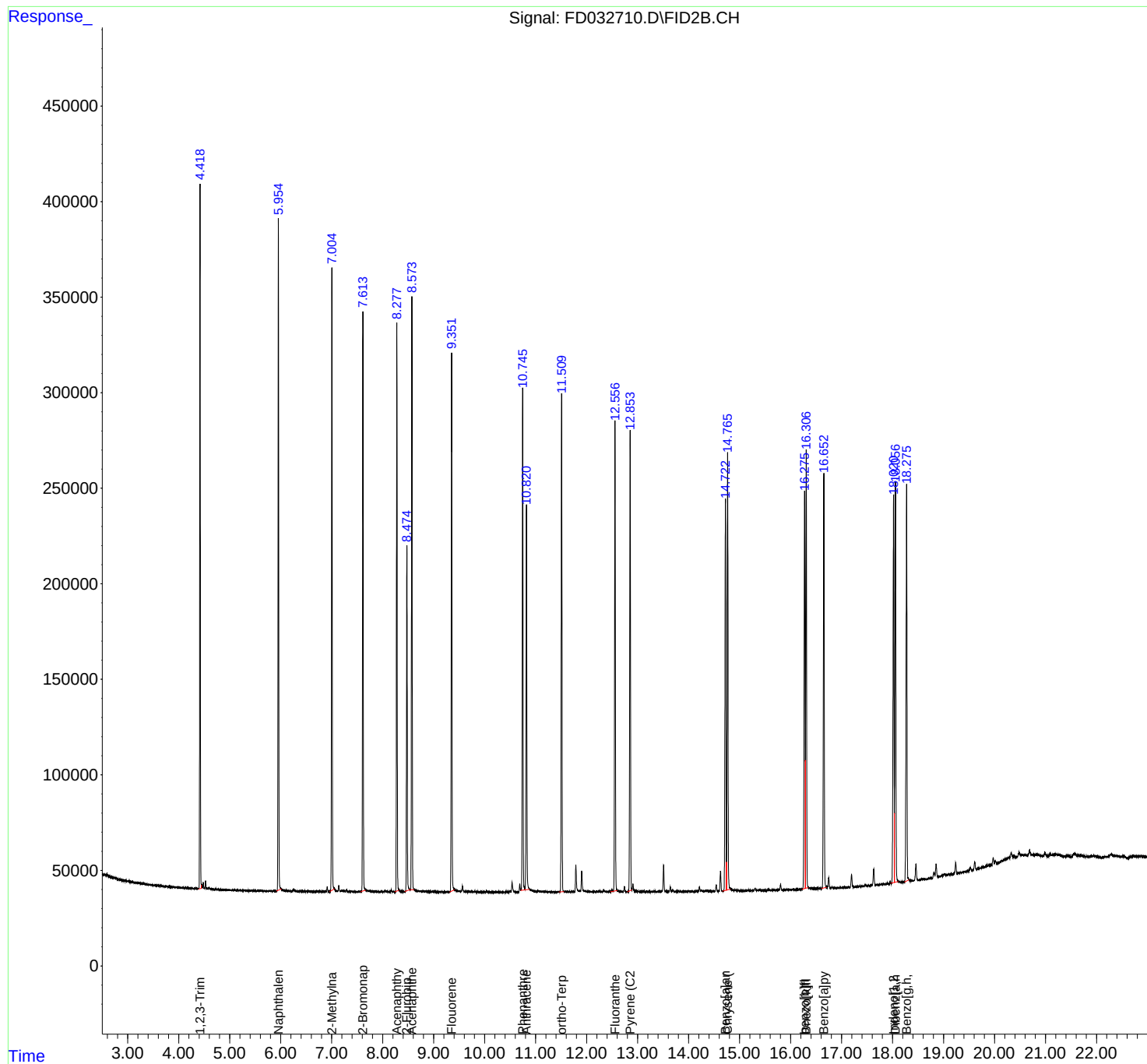
(f)=RT Delta > 1/2 Window

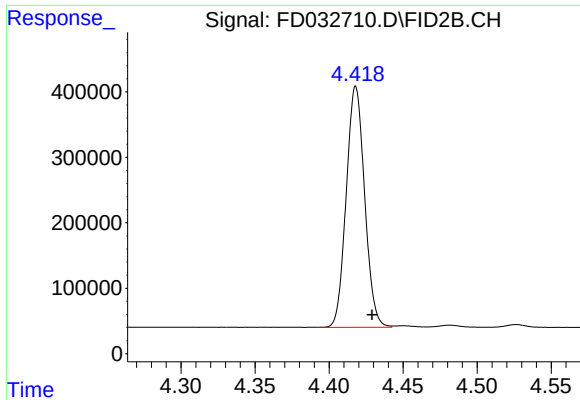
(m)=manual int.

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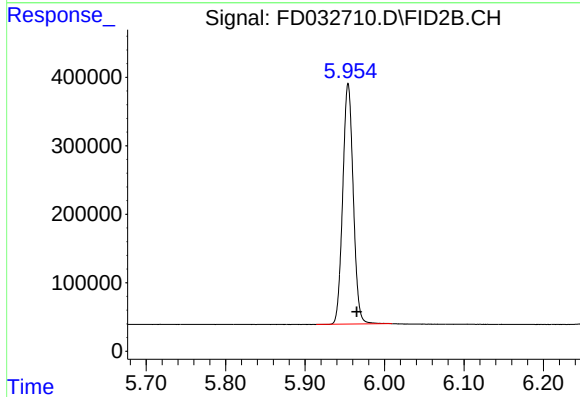
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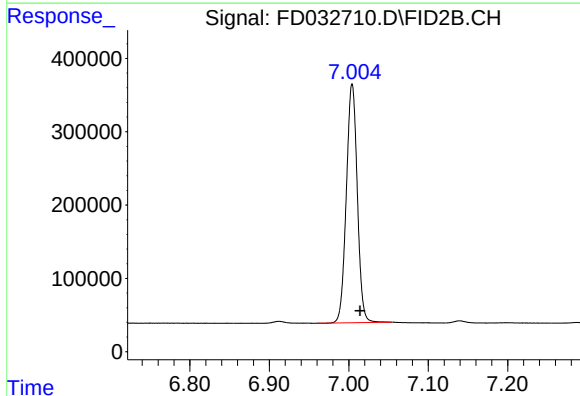
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.418 min
Delta R.T.: -0.011 min
Response: 3185685
Conc: 23.95 ug/ml m



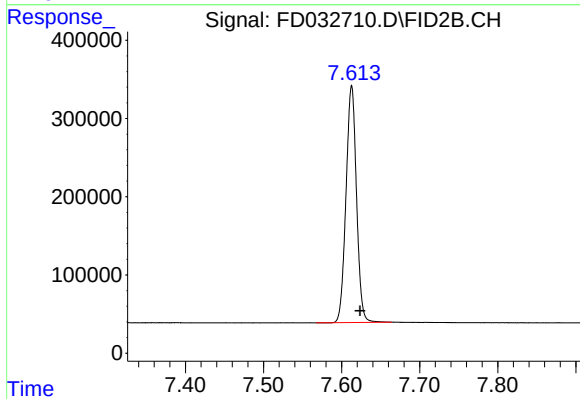
#2 Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.010 min
Response: 3230011
Conc: 22.73 ug/ml



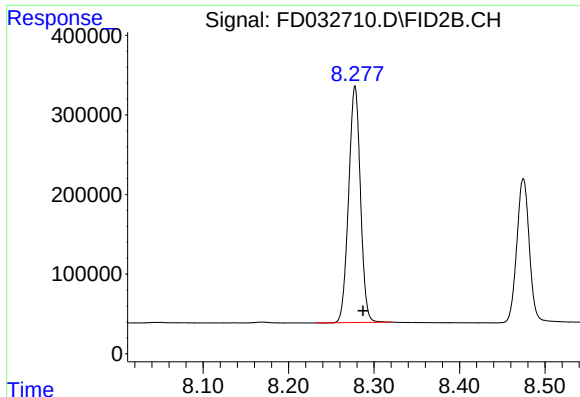
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 3121333
Conc: 21.99 ug/ml



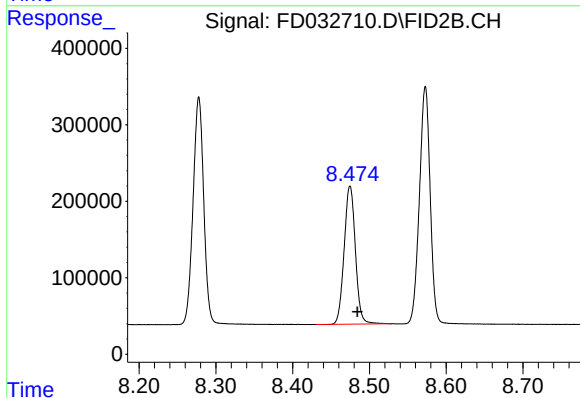
#4 2-Bromonaphthalene (SURR)

R.T.: 7.613 min
Delta R.T.: -0.011 min
Response: 2824915
Conc: 21.86 ug/ml



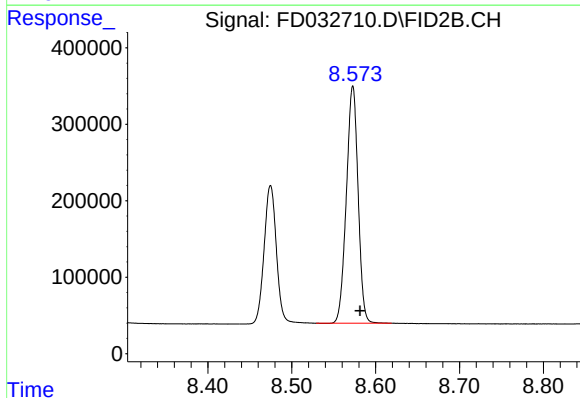
#5 Acenaphthylene (C15.06)

R.T.: 8.278 min
Delta R.T.: -0.009 min
Response: 2852155
Conc: 20.85 ug/ml



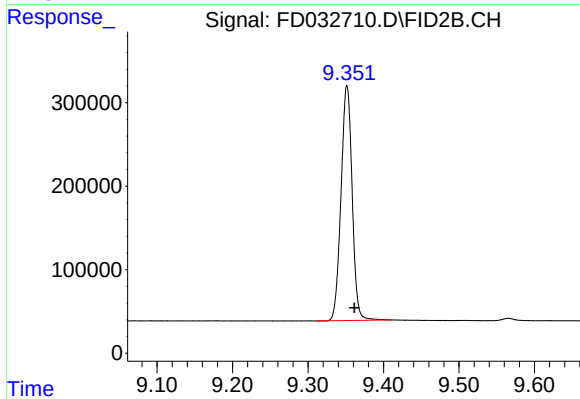
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.475 min
Delta R.T.: -0.010 min
Response: 1837225
Conc: 20.81 ug/ml



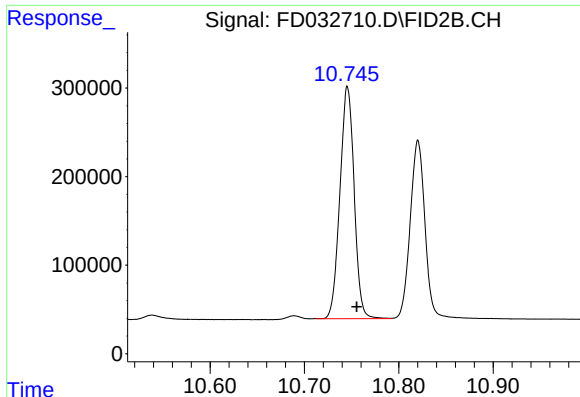
#7 Acenaphthene (C15.5)

R.T.: 8.573 min
Delta R.T.: -0.009 min
Response: 3016401
Conc: 21.36 ug/ml



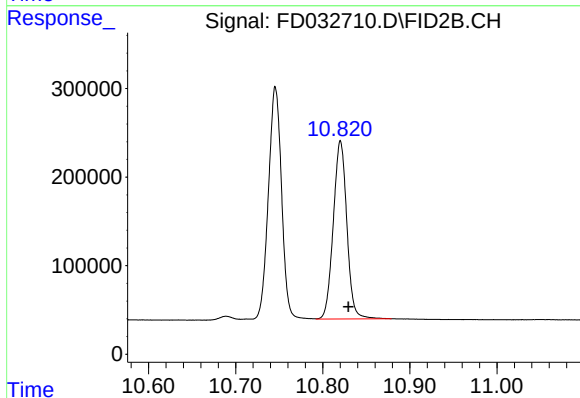
#8 Fluorene (C16.55)

R.T.: 9.352 min
Delta R.T.: -0.010 min
Response: 2881199
Conc: 20.55 ug/ml



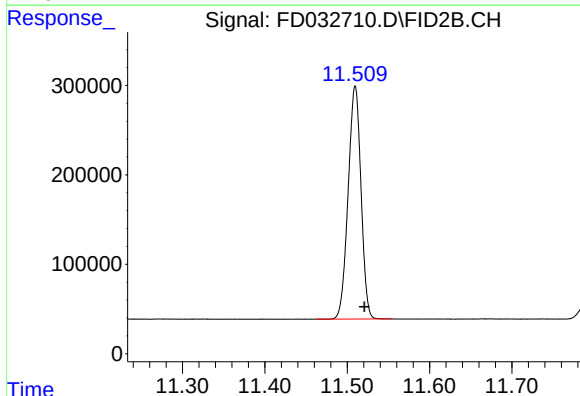
#9 Phenanthrene (C19.36)

R.T.: 10.746 min
Delta R.T.: -0.010 min
Response: 2749523
Conc: 19.67 ug/ml



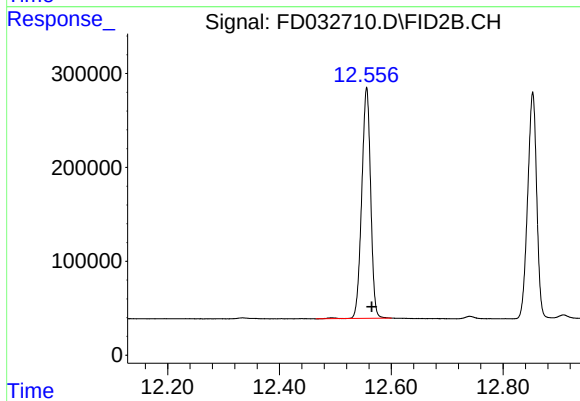
#10 Anthracene (C19.43)

R.T.: 10.820 min
Delta R.T.: -0.009 min
Response: 2173120
Conc: 15.52 ug/ml



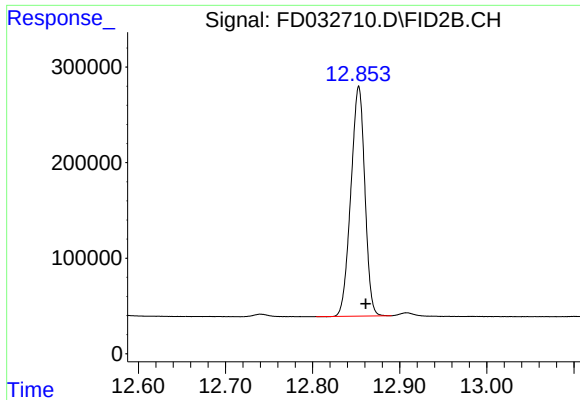
#11 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.011 min
Response: 2827005
Conc: 20.39 ug/ml



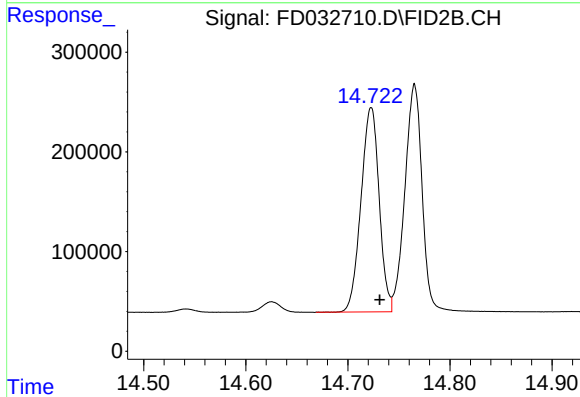
#12 Fluoranthene (C21.85)

R.T.: 12.556 min
Delta R.T.: -0.009 min
Response: 2720992
Conc: 19.40 ug/ml



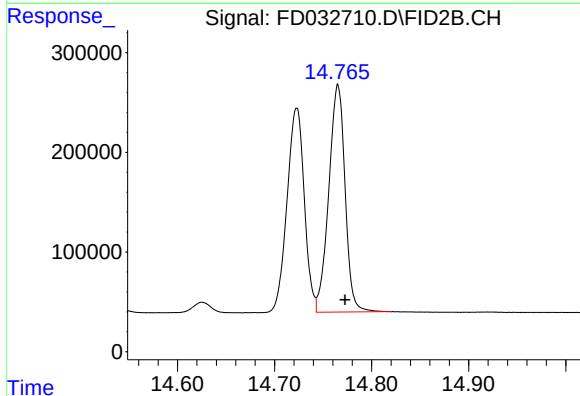
#13 Pyrene (C20.8)

R.T.: 12.853 min
Delta R.T.: -0.008 min
Response: 2680660
Conc: 19.50 ug/ml



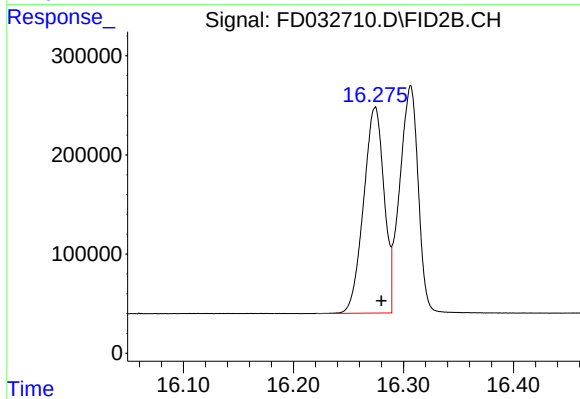
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.723 min
Delta R.T.: -0.008 min
Response: 2531889
Conc: 19.40 ug/ml



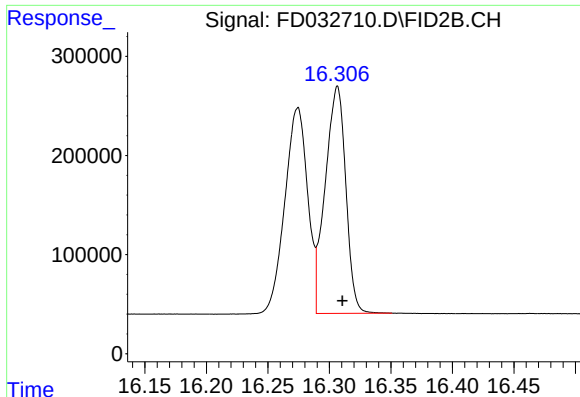
#15 Chrysene (C27.41)

R.T.: 14.765 min
Delta R.T.: -0.007 min
Response: 2660589
Conc: 19.76 ug/ml



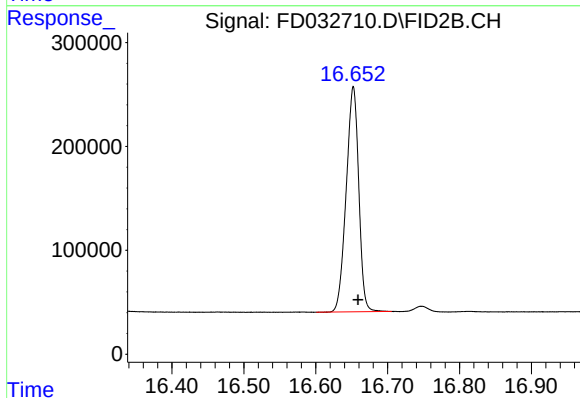
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.274 min
Delta R.T.: -0.006 min
Response: 2686637
Conc: 20.94 ug/ml



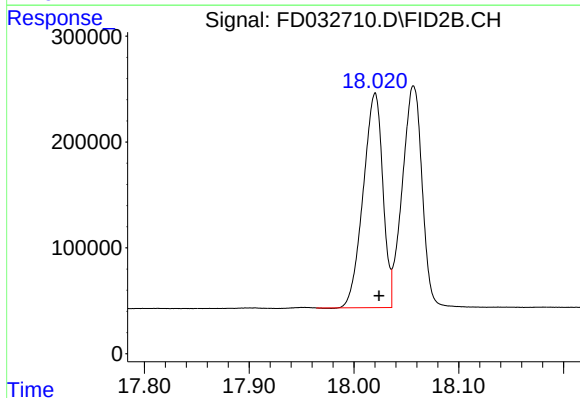
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.307 min
Delta R.T.: -0.004 min
Response: 2669820
Conc: 20.34 ug/ml



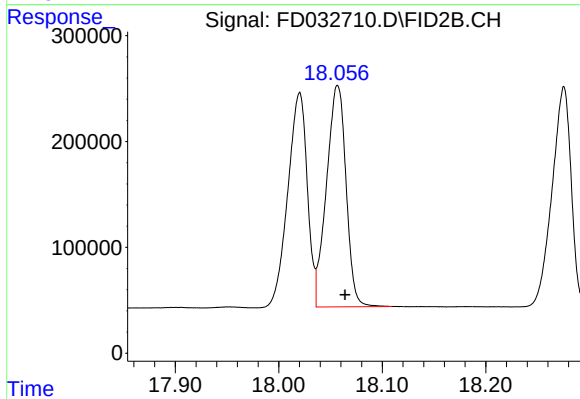
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.007 min
Response: 2626785
Conc: 20.62 ug/ml



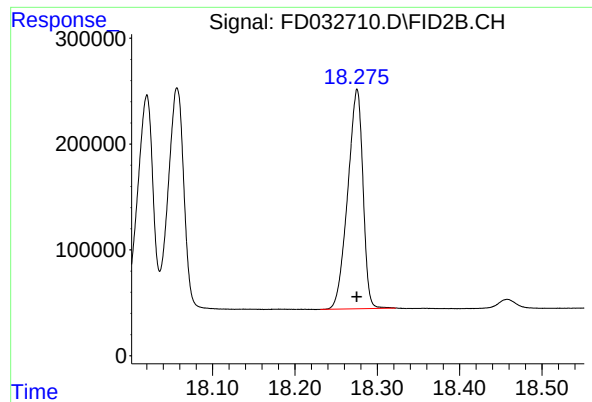
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.004 min
Response: 2637319
Conc: 22.13 ug/ml



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

R.T.: 18.057 min
Delta R.T.: -0.007 min
Response: 2746001
Conc: 21.72 ug/ml



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

R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2663805
Conc: 22.53 ug/ml