

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022020AR\
 Data File : FD032360.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2020 15:57
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 01:05:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.627	2942865	21.176 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
6) S 2-Fluorobiphenyl (SURR)	8.488	1978345	20.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.72%
11) S ortho-Terphenyl (SURR)	11.524	2979646	20.088 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.431	3067104	21.179 ug/ml
2) T Naphthalene (C11.7)	5.968	3296945	21.634 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	3231365	21.360 ug/ml
5) T Acenaphthylene (C15.06)	8.291	3002821	20.378 ug/ml
7) T Acenaphthene (C15.5)	8.587	3167273	20.974 ug/ml
8) T Fluorene (C16.55)	9.365	3095926	20.687 ug/ml
9) T Phenanthrene (C19.36)	10.760	3005262	19.871 ug/ml
10) T Anthracene (C19.43)	10.834	2653156	17.887 ug/ml
12) T Fluoranthene (C21.85)	12.570	2926777	19.436 ug/ml
13) T Pyrene (C20.8)	12.867	2871302	19.233 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2647169	18.640 ug/ml
15) T Chrysene (C27.41)	14.779	2695868	18.859 ug/ml
16) T benzo[b]fluoranthene ...	16.286	2635685	19.019 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	2627425	19.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.664	2592184	19.026 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.030	2566218	19.840 ug/ml
20) T Dibenz[a,h]anthracene...	18.068	2667695	20.436 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	2552239	20.322 ug/ml

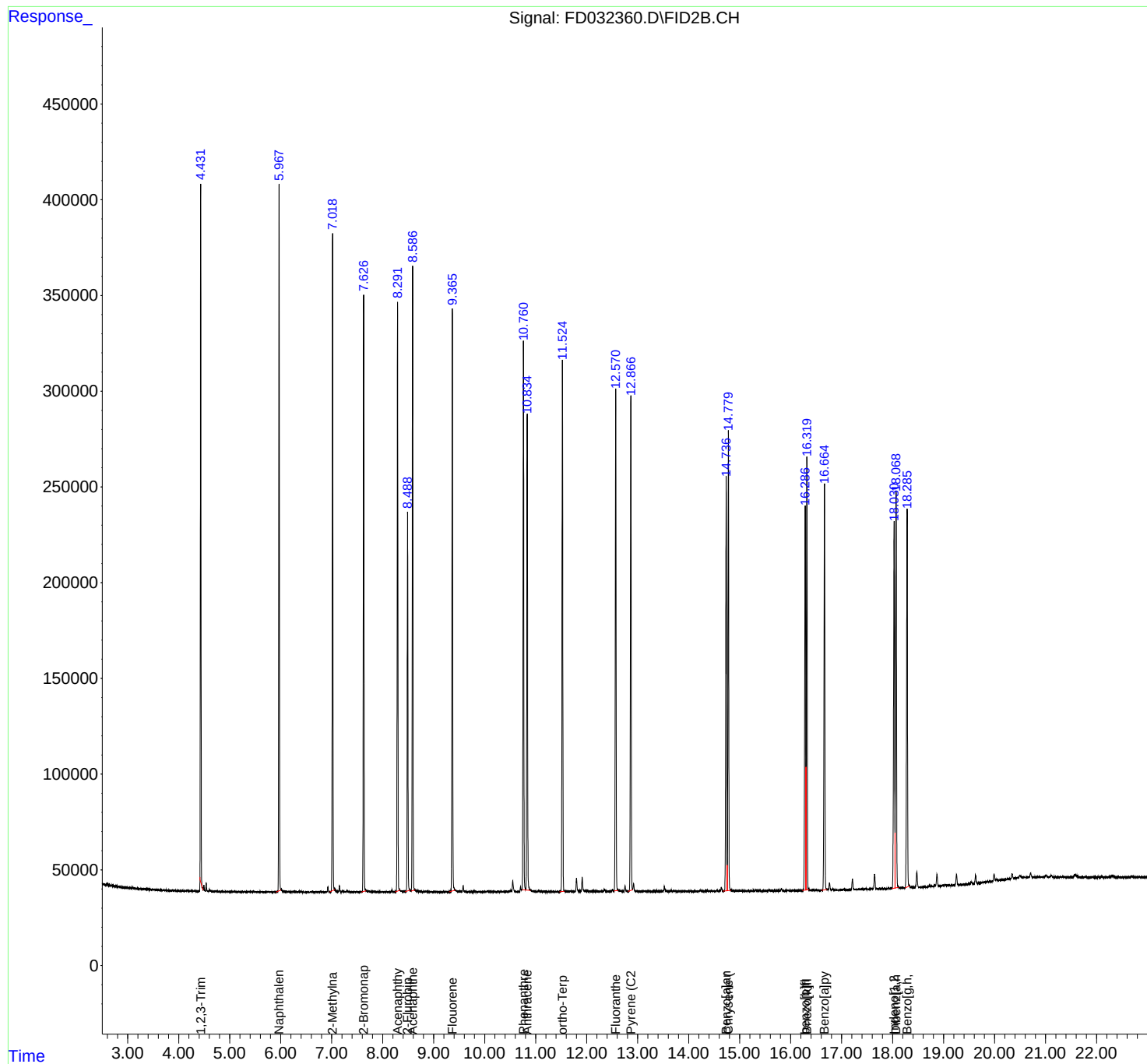
(f)=RT Delta > 1/2 Window

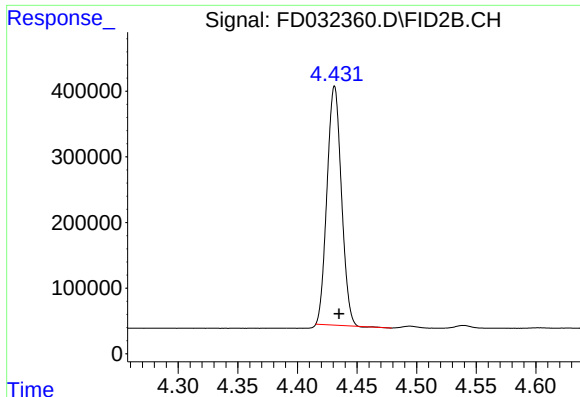
(m)=manual int.

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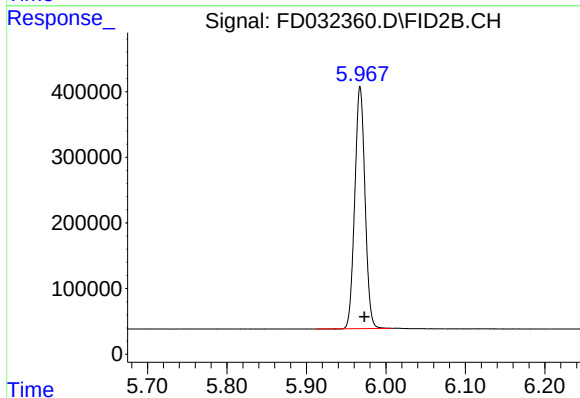
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





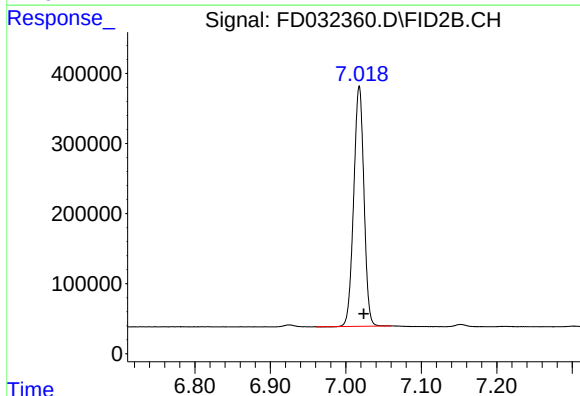
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.431 min
Delta R.T.: -0.004 min
Response: 3067104
Conc: 21.18 ug/ml



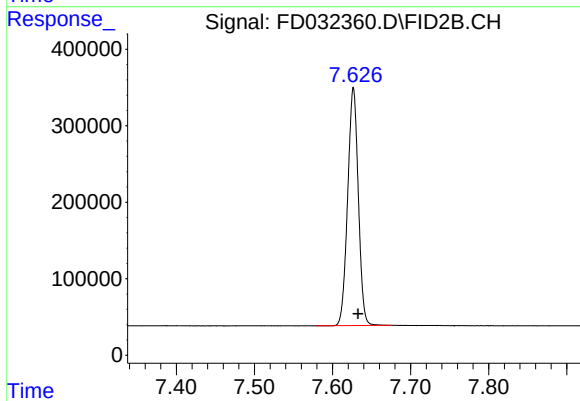
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.005 min
Response: 3296945
Conc: 21.63 ug/ml



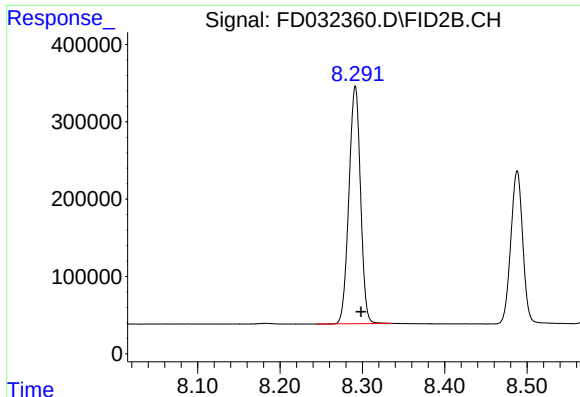
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 3231365
Conc: 21.36 ug/ml



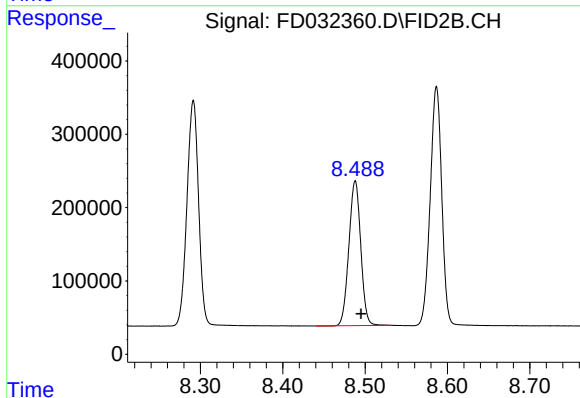
#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.006 min
Response: 2942865
Conc: 21.18 ug/ml



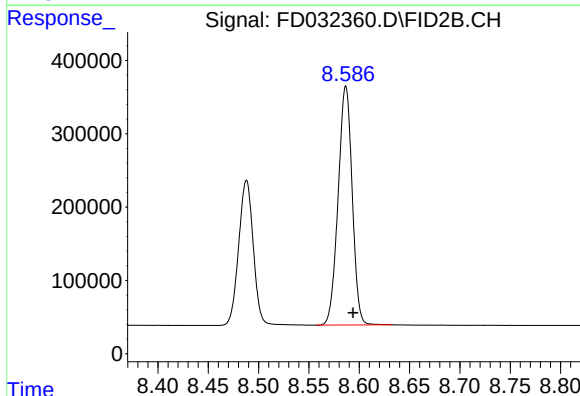
#5 Acenaphthylene (C15.06)

R.T.: 8.291 min
Delta R.T.: -0.007 min
Response: 3002821
Conc: 20.38 ug/ml



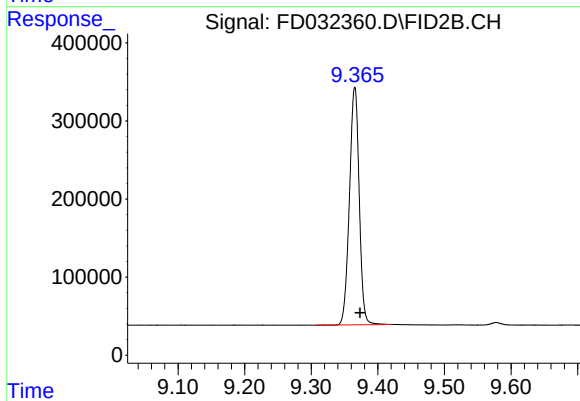
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.488 min
Delta R.T.: -0.007 min
Response: 1978345
Conc: 20.86 ug/ml



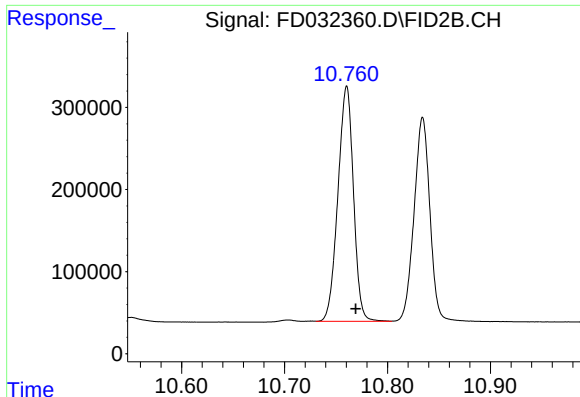
#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.007 min
Response: 3167273
Conc: 20.97 ug/ml



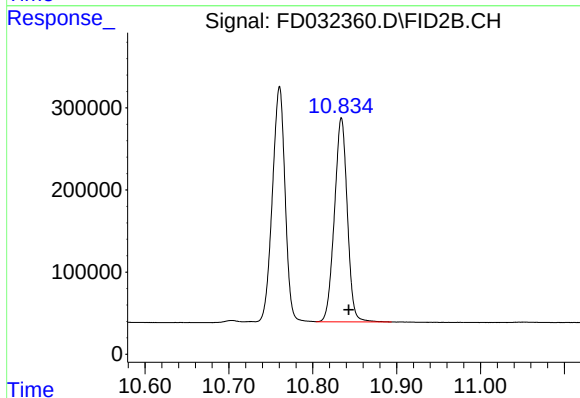
#8 Fluorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.008 min
Response: 3095926
Conc: 20.69 ug/ml



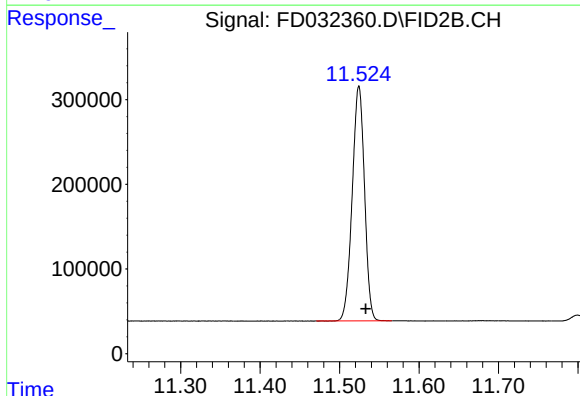
#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: -0.009 min
Response: 3005262
Conc: 19.87 ug/ml



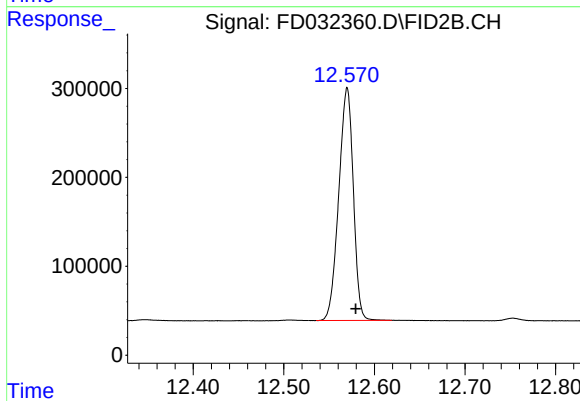
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: -0.009 min
Response: 2653156
Conc: 17.89 ug/ml



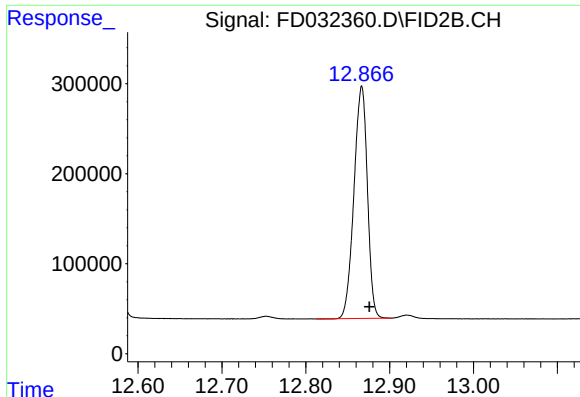
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.009 min
Response: 2979646
Conc: 20.09 ug/ml



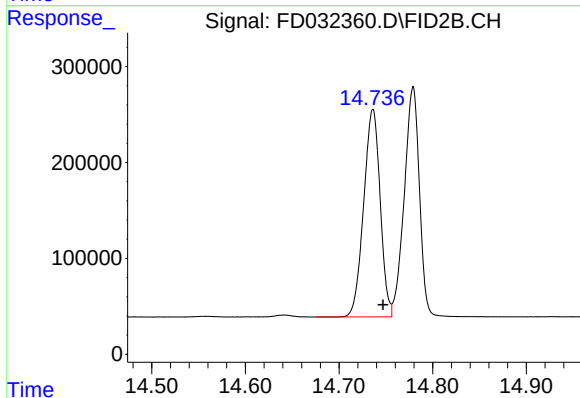
#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: -0.009 min
Response: 2926777
Conc: 19.44 ug/ml



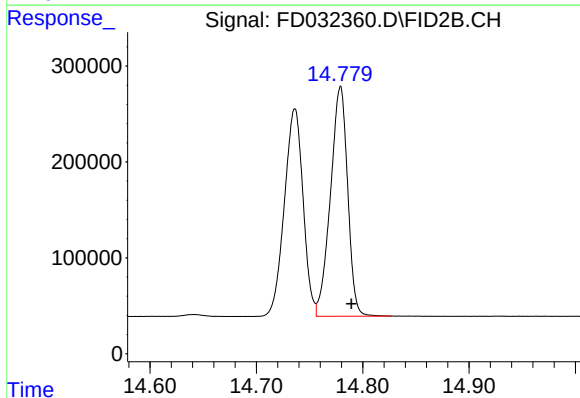
#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: -0.009 min
Response: 2871302
Conc: 19.23 ug/ml



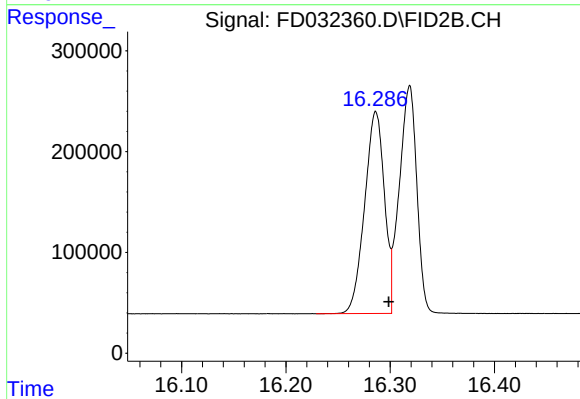
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.011 min
Response: 2647169
Conc: 18.64 ug/ml



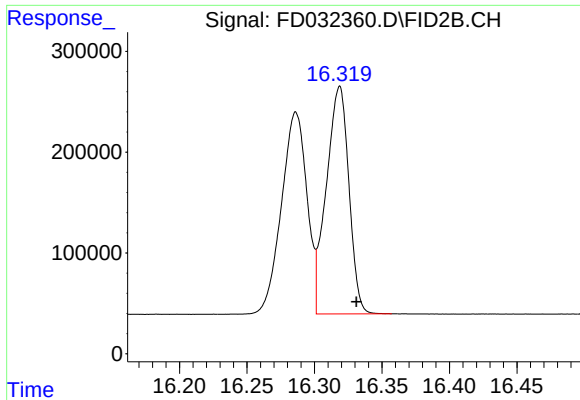
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.010 min
Response: 2695868
Conc: 18.86 ug/ml



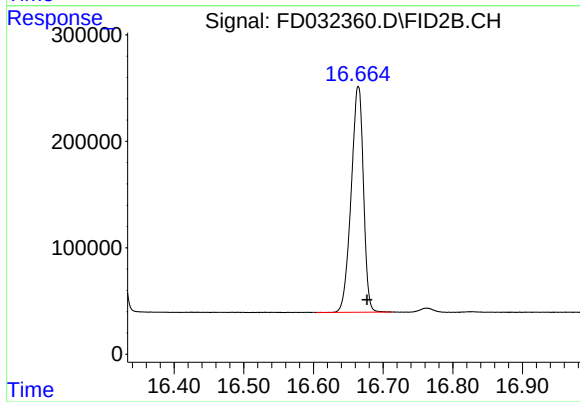
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: -0.012 min
Response: 2635685
Conc: 19.02 ug/ml



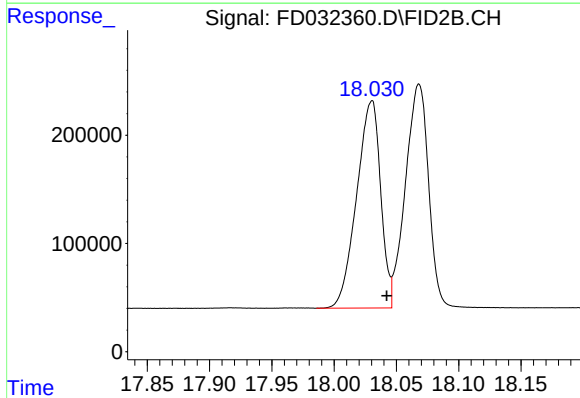
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min
Delta R.T.: -0.012 min
Response: 2627425
Conc: 19.04 ug/ml



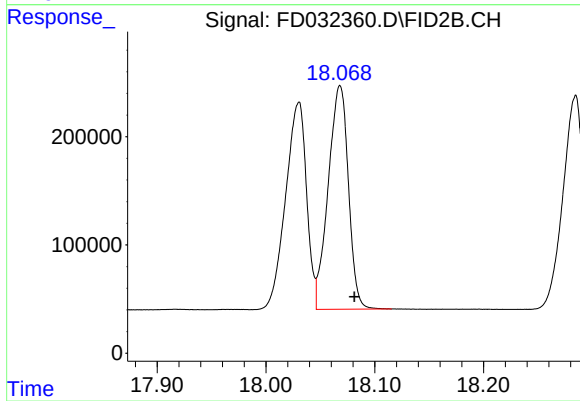
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.664 min
Delta R.T.: -0.013 min
Response: 2592184
Conc: 19.03 ug/ml



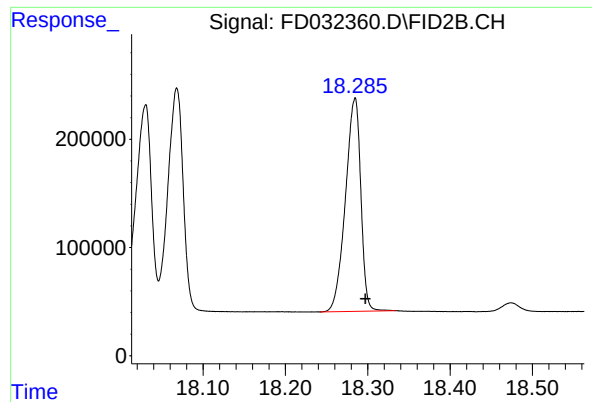
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.030 min
Delta R.T.: -0.012 min
Response: 2566218
Conc: 19.84 ug/ml



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

R.T.: 18.068 min
Delta R.T.: -0.013 min
Response: 2667695
Conc: 20.44 ug/ml



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

R.T.: 18.285 min
Delta R.T.: -0.013 min
Response: 2552239
Conc: 20.32 ug/ml