

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022020AR\
 Data File : FD032350.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2020 8:54
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 01:03:52 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	2927050	21.063 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
6) S 2-Fluorobiphenyl (SURR)	8.489	1965099	20.722 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.44%
11) S ortho-Terphenyl (SURR)	11.525	2937317	19.803 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.431	3178649	21.949 ug/mlm
2) T Naphthalene (C11.7)	5.968	3296645	21.632 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	3222227	21.299 ug/ml
5) T Acenaphthylene (C15.06)	8.292	2987882	20.277 ug/ml
7) T Acenaphthene (C15.5)	8.587	3129986	20.727 ug/ml
8) T Flouorene (C16.55)	9.366	3061559	20.457 ug/ml
9) T Phenanthrene (C19.36)	10.761	2970779	19.643 ug/ml
10) T Anthracene (C19.43)	10.834	2629656	17.728 ug/ml
12) T Fluoranthene (C21.85)	12.570	2860980	18.999 ug/ml
13) T Pyrene (C20.8)	12.867	2814078	18.850 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2597312	18.289 ug/ml
15) T Chrysene (C27.41)	14.779	2645463	18.506 ug/ml
16) T benzo[b]fluoranthene ...	16.287	2601798	18.775 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	2589498	18.762 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	2560954	18.797 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.030	2528833	19.551 ug/ml
20) T Dibenz[a,h]anthracene...	18.069	2626574	20.121 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2536290	20.195 ug/ml

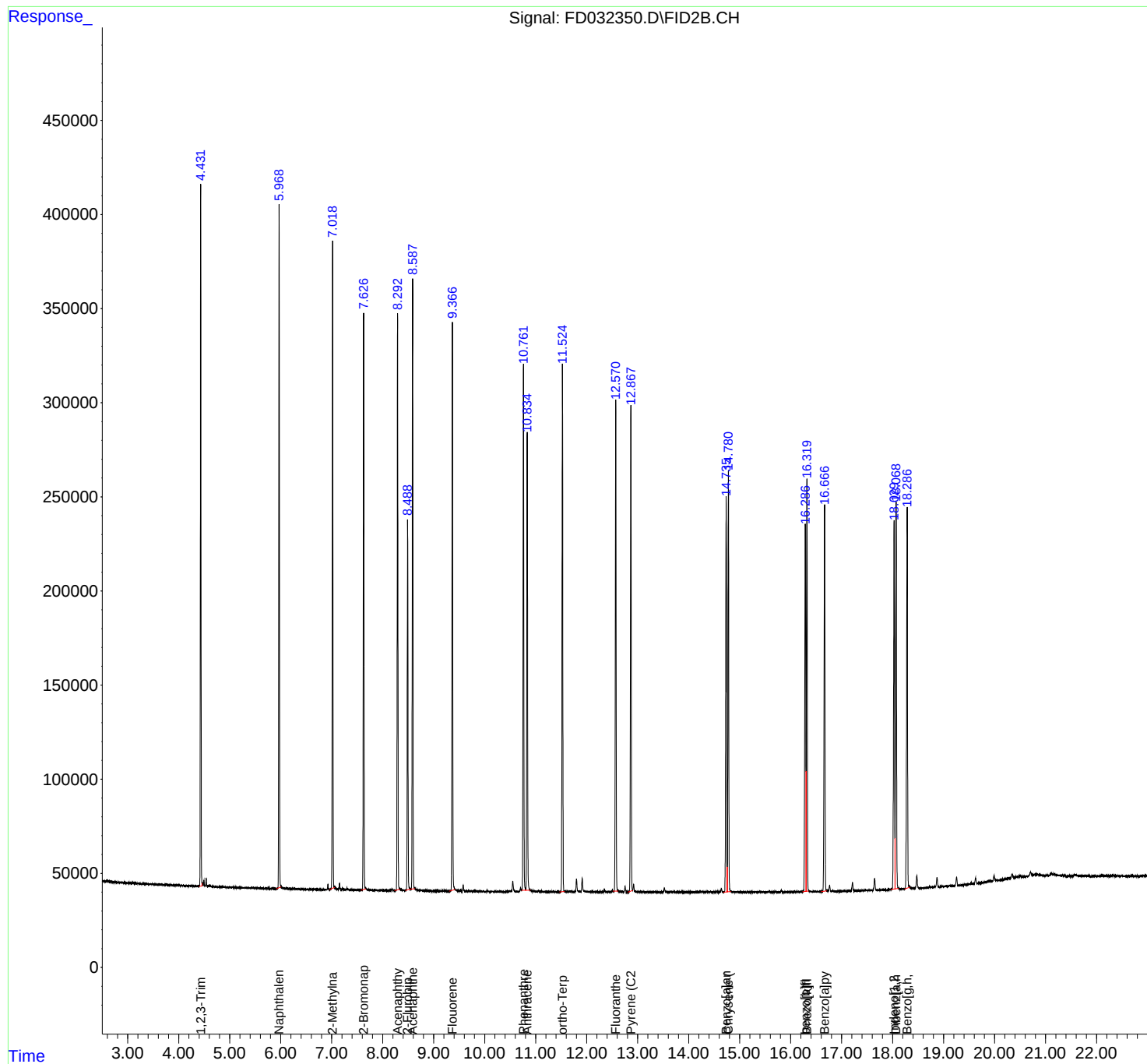
(f)=RT Delta > 1/2 Window

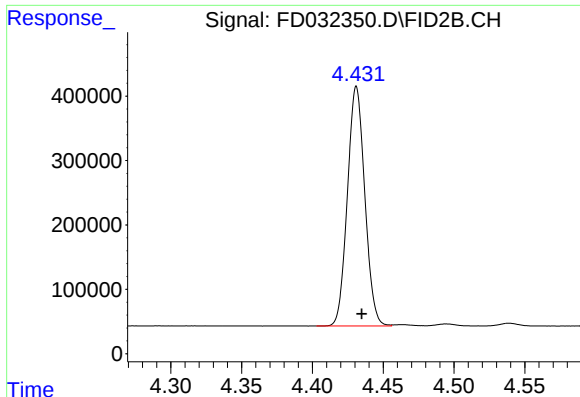
(m)=manual int.

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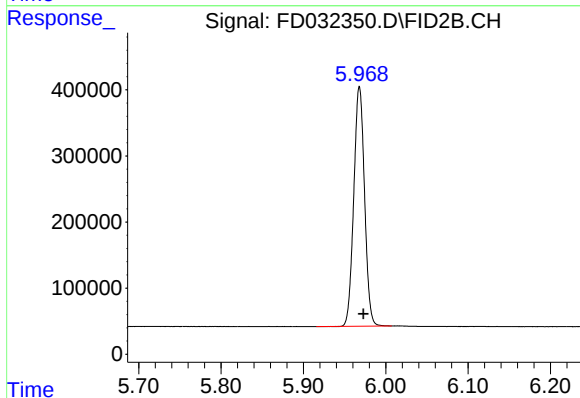
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Signal Info : 20M x 0.18mm x 0.18µm





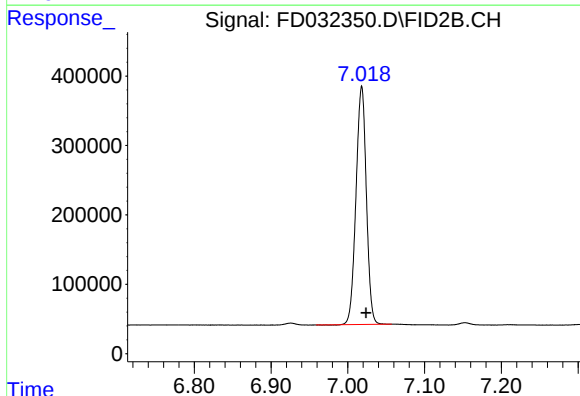
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.431 min
Delta R.T.: -0.004 min
Response: 3178649
Conc: 21.95 ug/ml m



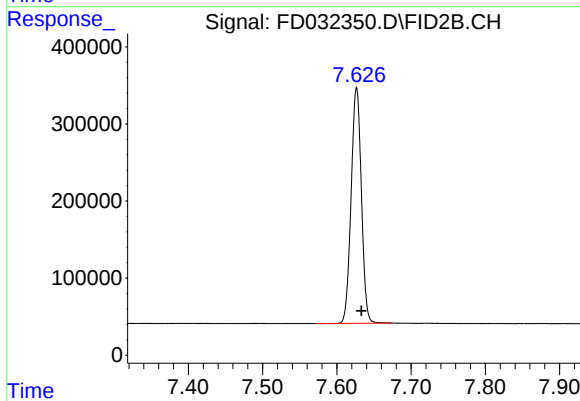
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.005 min
Response: 3296645
Conc: 21.63 ug/ml



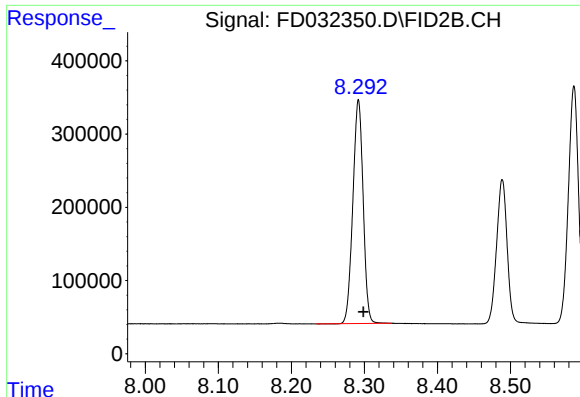
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 3222227
Conc: 21.30 ug/ml



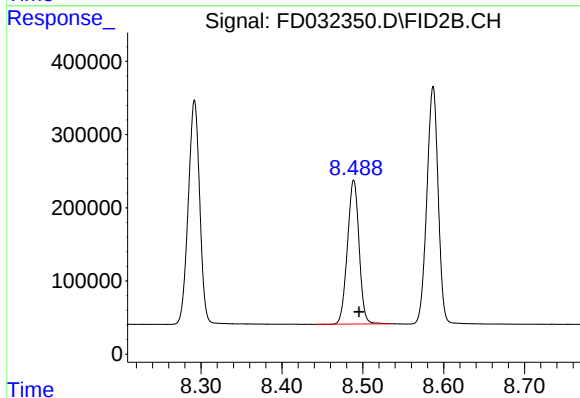
#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.006 min
Response: 2927050
Conc: 21.06 ug/ml



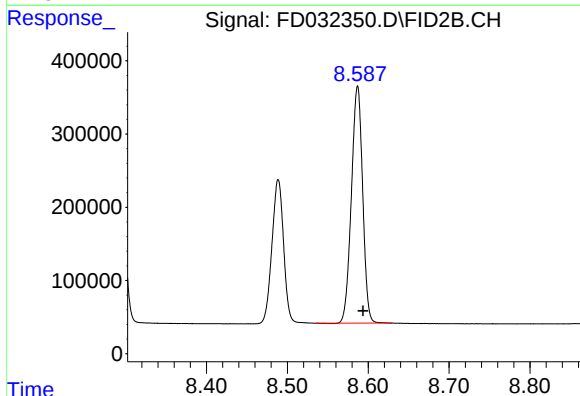
#5 Acenaphthylene (C15.06)

R.T.: 8.292 min
Delta R.T.: -0.007 min
Response: 2987882
Conc: 20.28 ug/ml



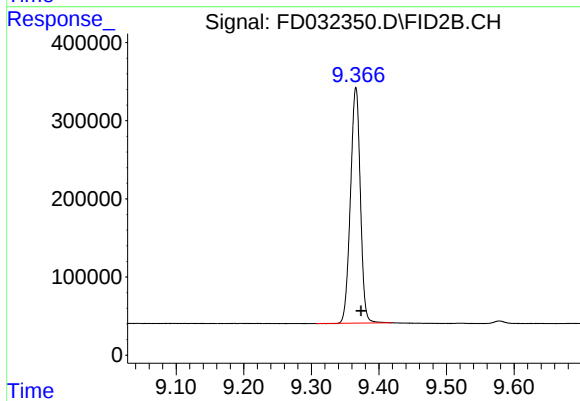
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.489 min
Delta R.T.: -0.007 min
Response: 1965099
Conc: 20.72 ug/ml



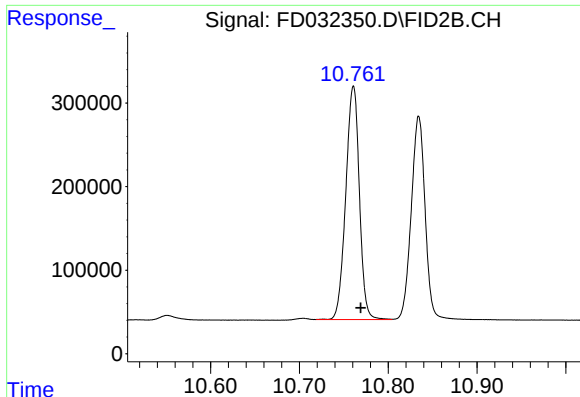
#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.007 min
Response: 3129986
Conc: 20.73 ug/ml



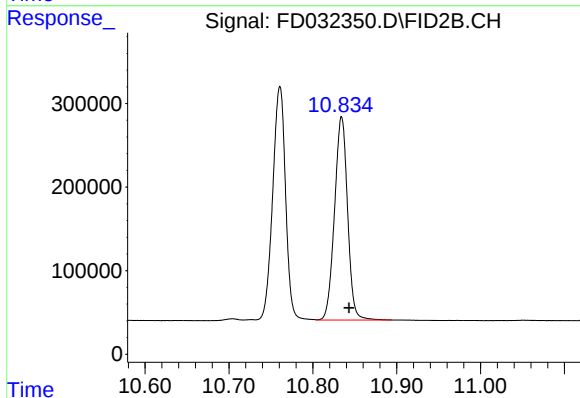
#8 Fluorene (C16.55)

R.T.: 9.366 min
Delta R.T.: -0.007 min
Response: 3061559
Conc: 20.46 ug/ml



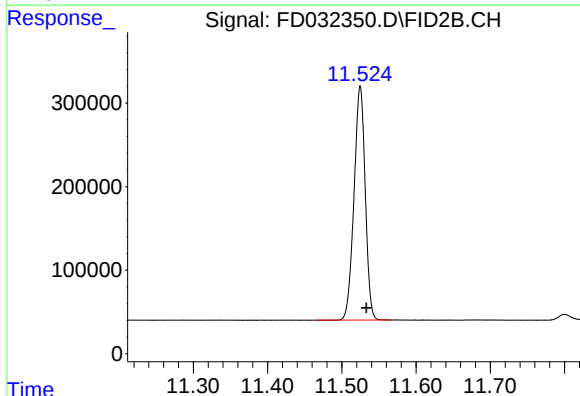
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: -0.008 min
Response: 2970779
Conc: 19.64 ug/ml



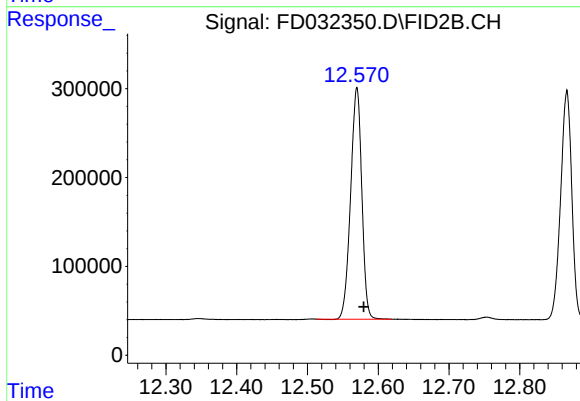
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: -0.009 min
Response: 2629656
Conc: 17.73 ug/ml



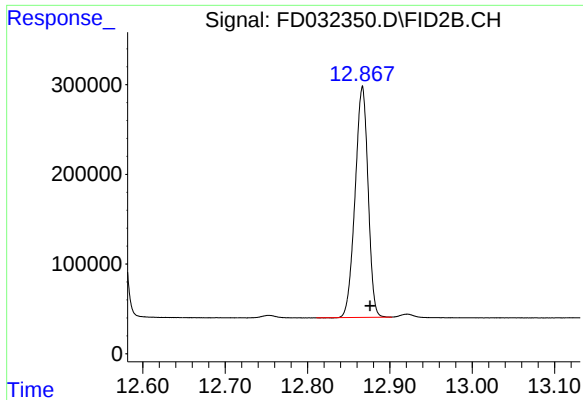
#11 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.008 min
Response: 2937317
Conc: 19.80 ug/ml



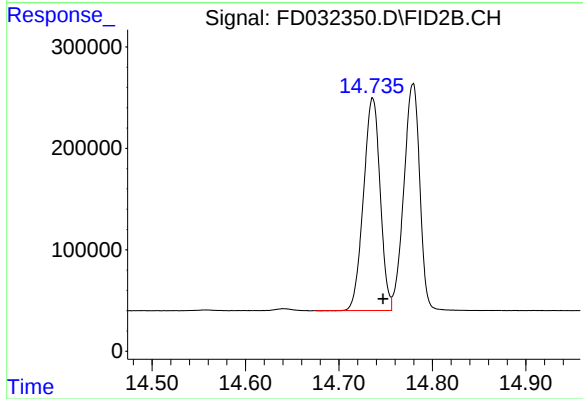
#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: -0.009 min
Response: 2860980
Conc: 19.00 ug/ml



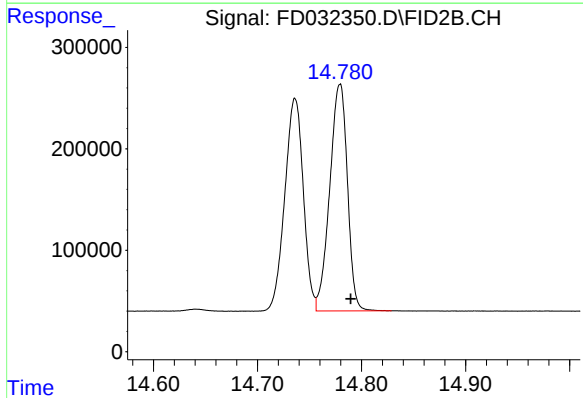
#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: -0.009 min
Response: 2814078
Conc: 18.85 ug/ml



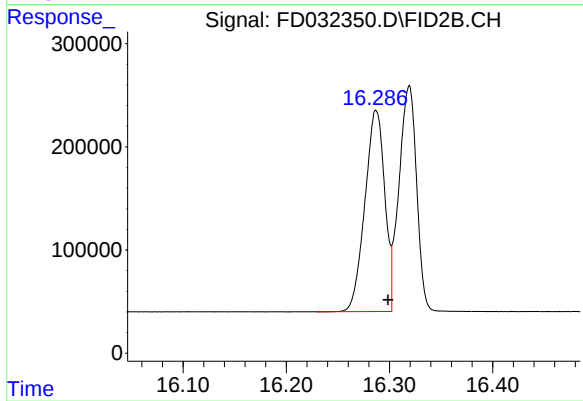
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.011 min
Response: 2597312
Conc: 18.29 ug/ml



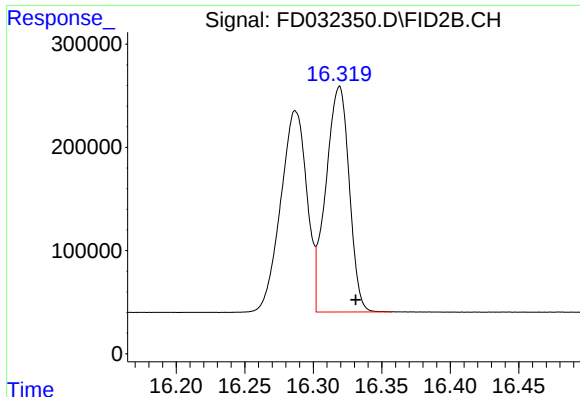
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.010 min
Response: 2645463
Conc: 18.51 ug/ml



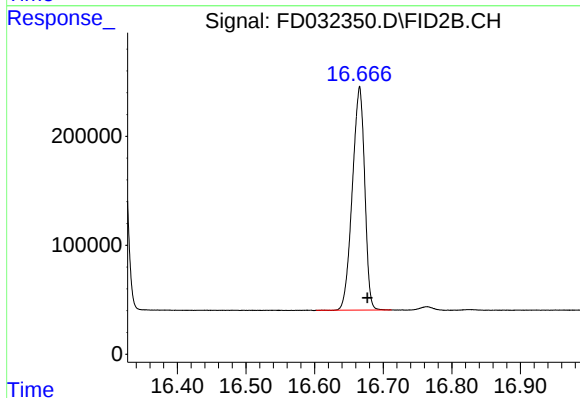
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.287 min
Delta R.T.: -0.012 min
Response: 2601798
Conc: 18.77 ug/ml



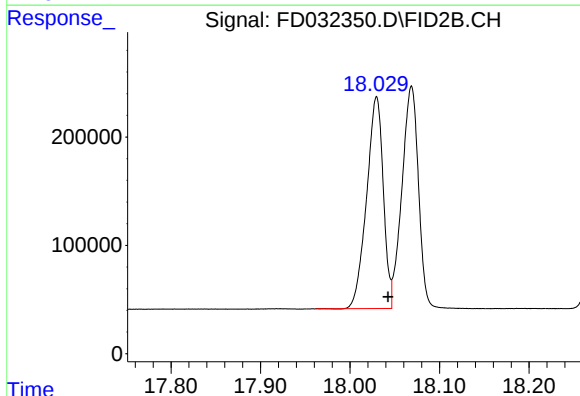
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min
Delta R.T.: -0.012 min
Response: 2589498
Conc: 18.76 ug/ml



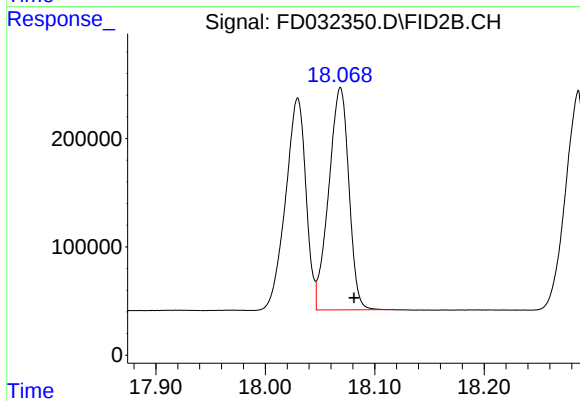
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: -0.011 min
Response: 2560954
Conc: 18.80 ug/ml



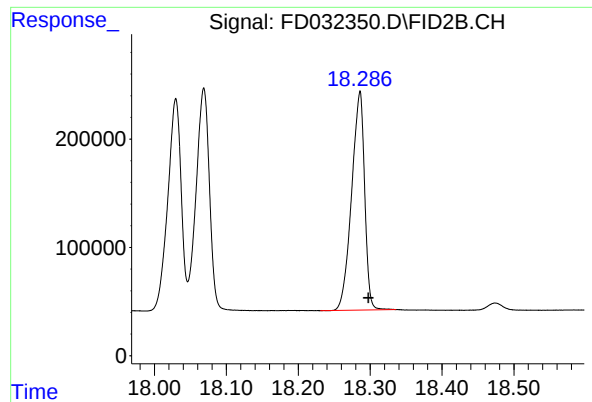
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.030 min
Delta R.T.: -0.013 min
Response: 2528833
Conc: 19.55 ug/ml



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

R.T.: 18.069 min
Delta R.T.: -0.013 min
Response: 2626574
Conc: 20.12 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.012 min
Response: 2536290
Conc: 20.19 ug/ml