

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060520AR\
 Data File : FD033639.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jun 2020 20:17
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 06 02:16:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 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...	7.574	2147545	20.653 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
6) S 2-Fluorobiphenyl (SURR)	8.438	1448178	20.952 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.90%
11) S ortho-Terphenyl (SURR)	11.465	2541015	19.380 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.383	2465713	21.628 ug/ml
2) T Naphthalene (C11.7)	5.918	2472065	21.441 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	2467977	20.782 ug/ml
5) T Acenaphthylene (C15.06)	8.238	2441747	19.930 ug/ml
7) T Acenaphthene (C15.5)	8.531	2553240	19.769 ug/ml
8) T Fluorene (C16.55)	9.312	2394115	20.156 ug/ml
9) T Phenanthrene (C19.36)	10.706	2410253	19.649 ug/ml
10) T Anthracene (C19.43)	10.781	2271181	18.658 ug/ml
12) T Fluoranthene (C21.85)	12.515	2442818	19.377 ug/ml
13) T Pyrene (C20.8)	12.811	2361915	19.378 ug/ml
14) T Benzo[a]anthracene (C...	14.684	2217242	19.681 ug/ml
15) T Chrysene (C27.41)	14.725	2437536	18.752 ug/ml
16) T benzo[b]fluoranthene ...	16.236	2253341	19.735 ug/ml
17) T Bnezo[k]fluoranthene ...	16.266	2367741	19.025 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	2156614	18.393 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	2134346	20.907 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	2466210	20.434 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2273172	20.402 ug/ml

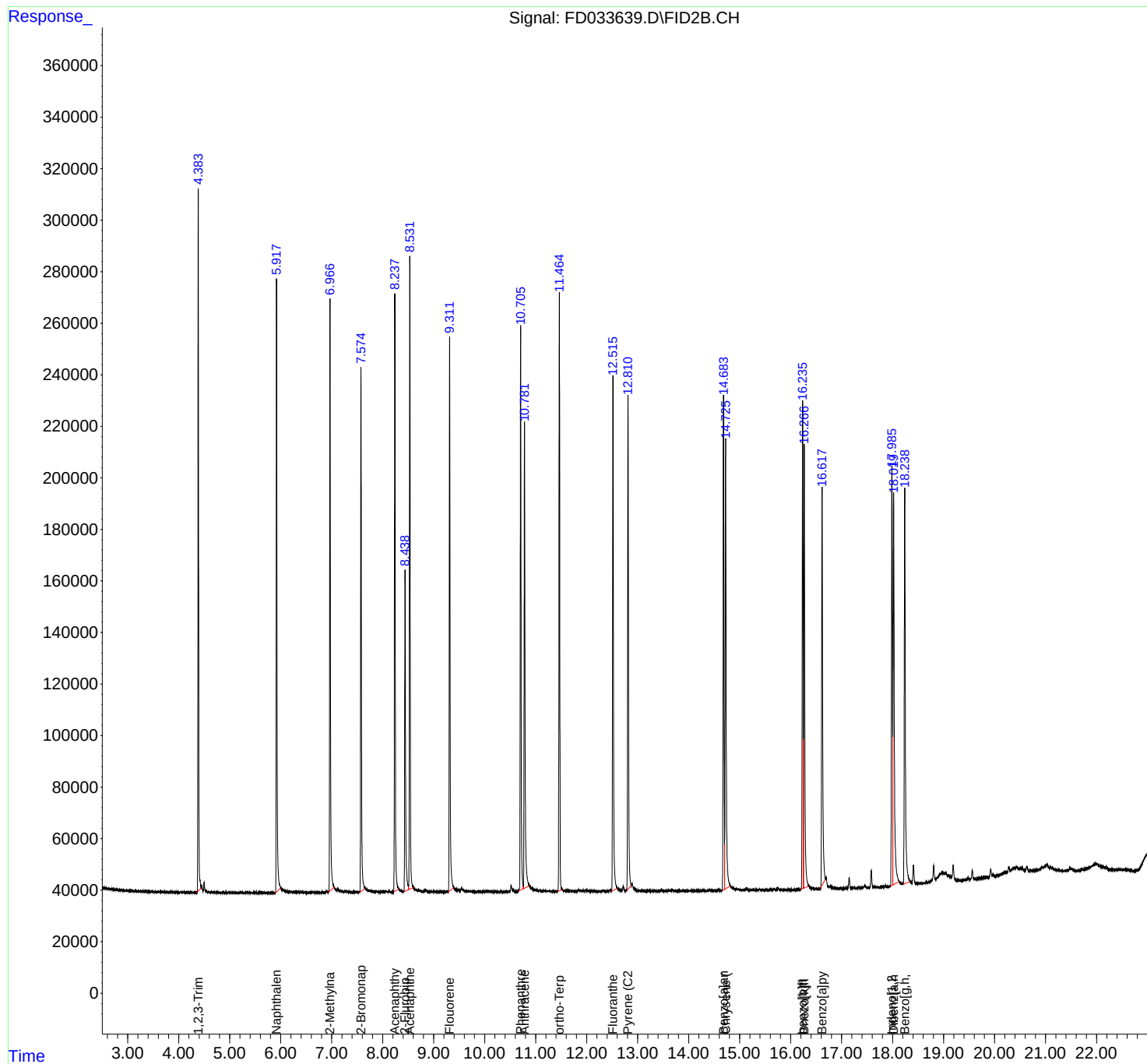
(f)=RT Delta > 1/2 Window

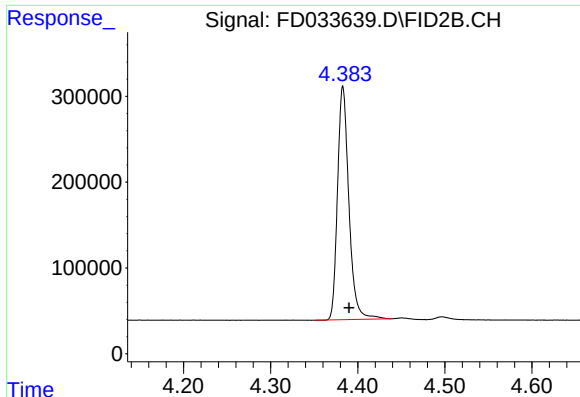
(m)=manual int.

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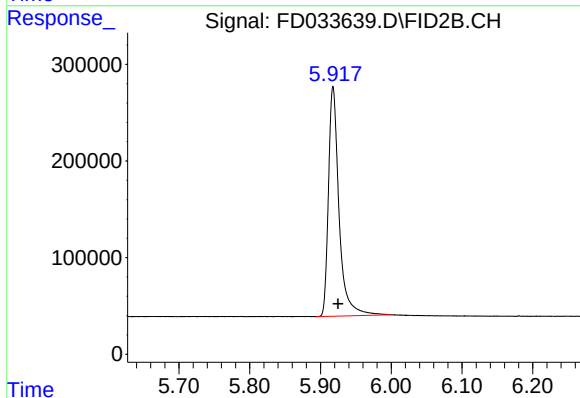
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Signal Info : 20M x 0.18mm x 0.18µm





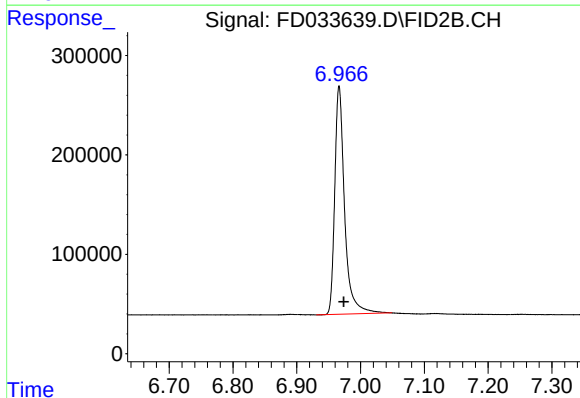
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.383 min
Delta R.T.: -0.007 min
Response: 2465713
Conc: 21.63 ug/ml



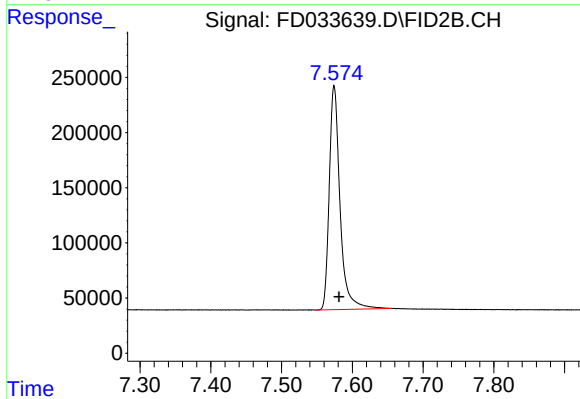
#2 Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.007 min
Response: 2472065
Conc: 21.44 ug/ml



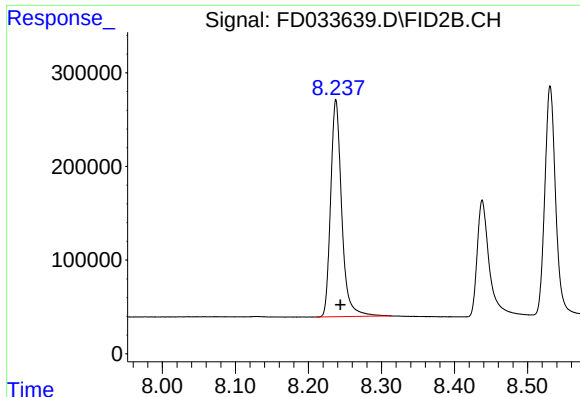
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: -0.007 min
Response: 2467977
Conc: 20.78 ug/ml



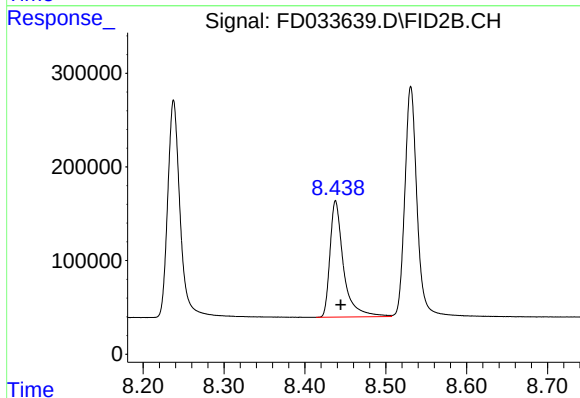
#4 2-Bromonaphthalene (SURR)

R.T.: 7.574 min
Delta R.T.: -0.007 min
Response: 2147545
Conc: 20.65 ug/ml



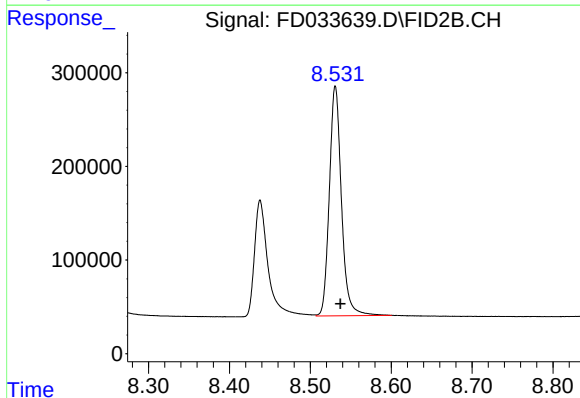
#5 Acenaphthylene (C15.06)

R.T.: 8.238 min
Delta R.T.: -0.006 min
Response: 2441747
Conc: 19.93 ug/ml



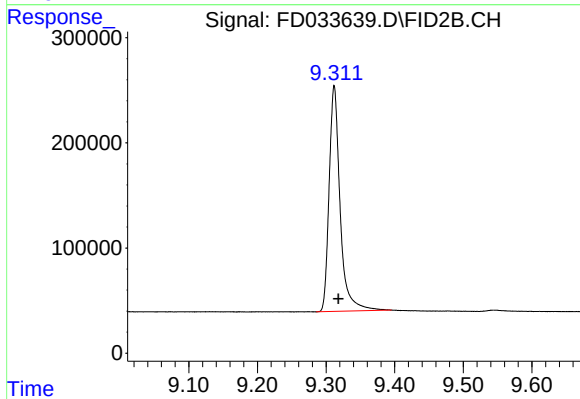
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.438 min
Delta R.T.: -0.006 min
Response: 1448178
Conc: 20.95 ug/ml



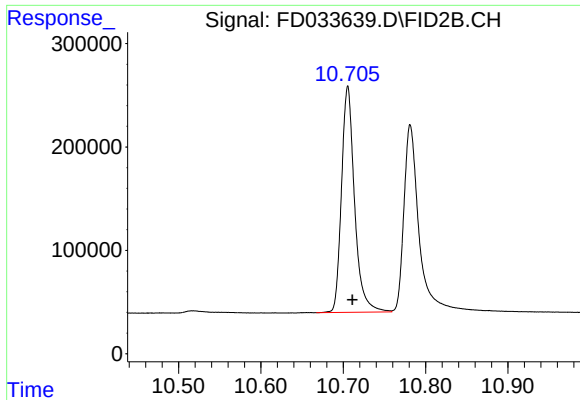
#7 Acenaphthene (C15.5)

R.T.: 8.531 min
Delta R.T.: -0.006 min
Response: 2553240
Conc: 19.77 ug/ml



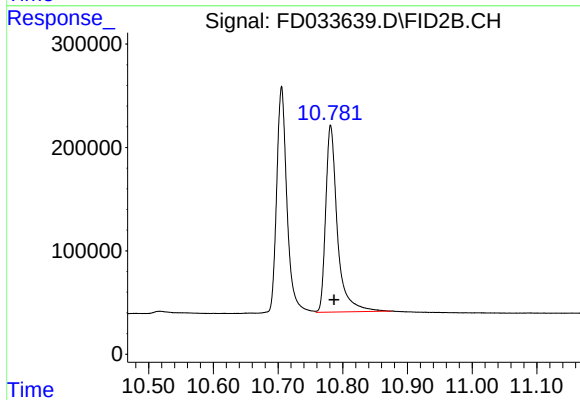
#8 Fluorene (C16.55)

R.T.: 9.312 min
Delta R.T.: -0.006 min
Response: 2394115
Conc: 20.16 ug/ml



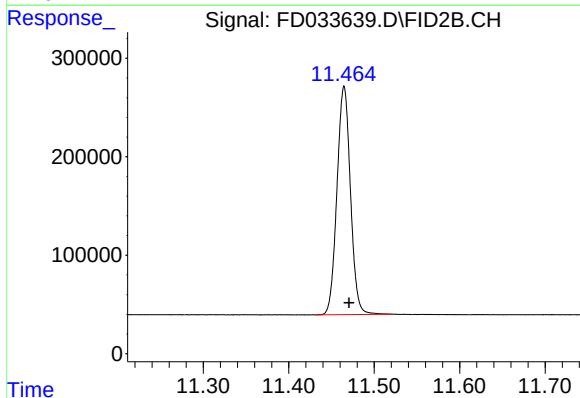
#9 Phenanthrene (C19.36)

R.T.: 10.706 min
Delta R.T.: -0.005 min
Response: 2410253
Conc: 19.65 ug/ml



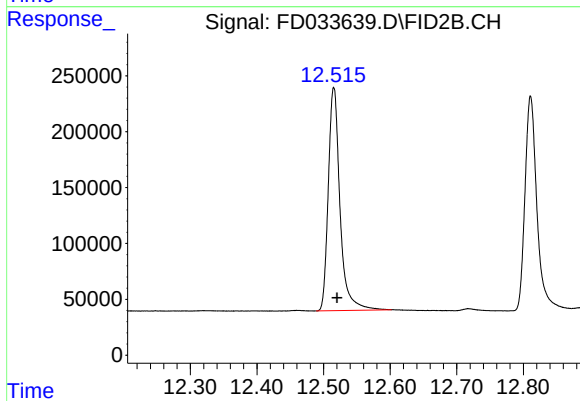
#10 Anthracene (C19.43)

R.T.: 10.781 min
Delta R.T.: -0.005 min
Response: 2271181
Conc: 18.66 ug/ml



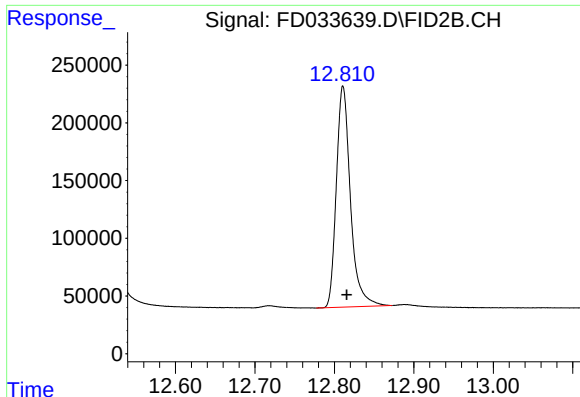
#11 ortho-Terphenyl (SURR)

R.T.: 11.465 min
Delta R.T.: -0.006 min
Response: 2541015
Conc: 19.38 ug/ml



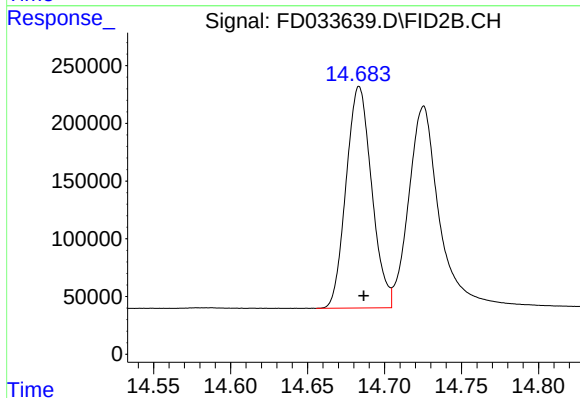
#12 Fluoranthene (C21.85)

R.T.: 12.515 min
Delta R.T.: -0.005 min
Response: 2442818
Conc: 19.38 ug/ml



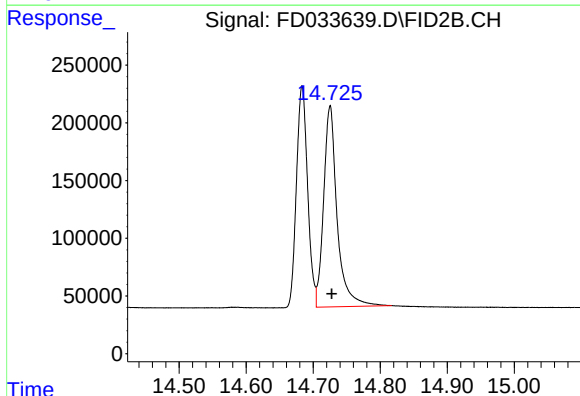
#13 Pyrene (C20.8)

R.T.: 12.811 min
Delta R.T.: -0.005 min
Response: 2361915
Conc: 19.38 ug/ml



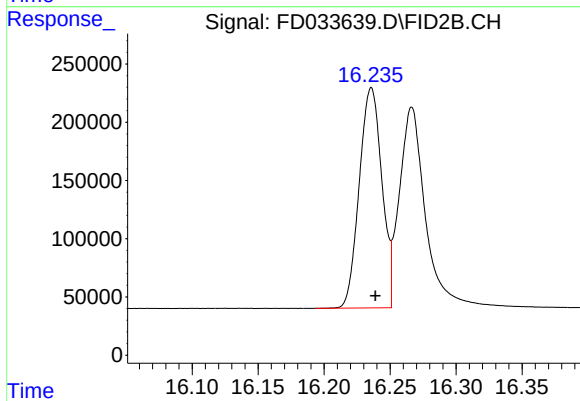
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.684 min
Delta R.T.: -0.003 min
Response: 2217242
Conc: 19.68 ug/ml



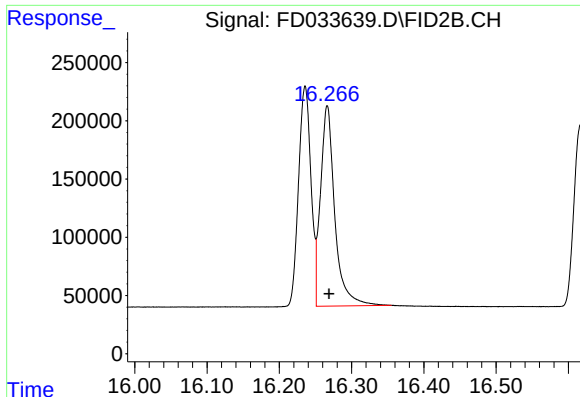
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: -0.002 min
Response: 2437536
Conc: 18.75 ug/ml



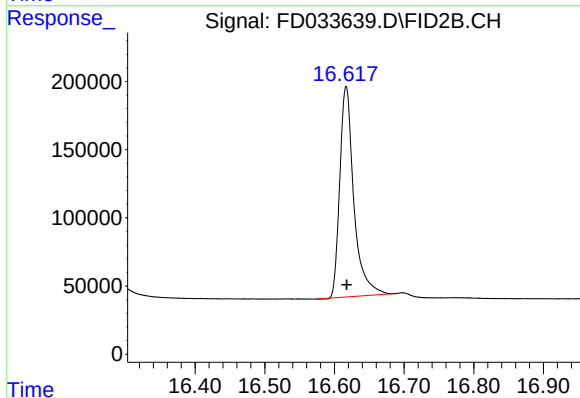
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.236 min
Delta R.T.: -0.003 min
Response: 2253341
Conc: 19.74 ug/ml



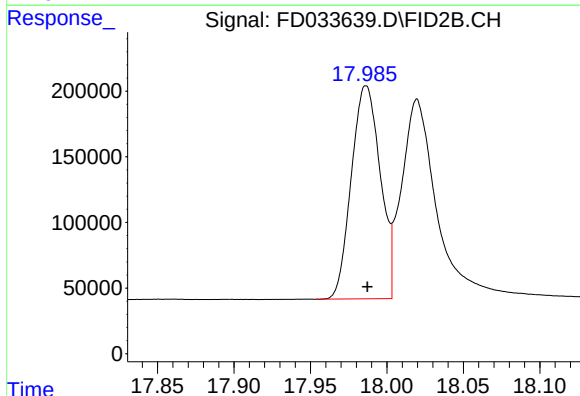
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.266 min
Delta R.T.: -0.003 min
Response: 2367741
Conc: 19.02 ug/ml



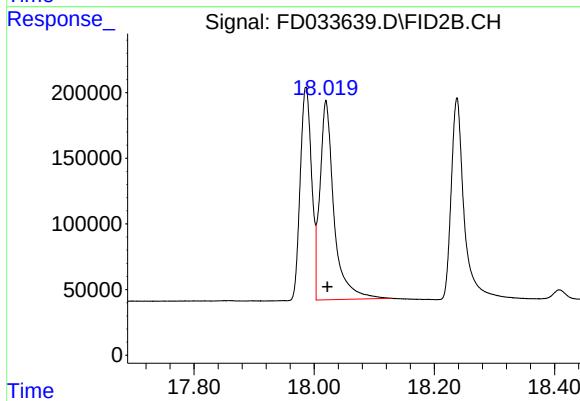
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.001 min
Response: 2156614
Conc: 18.39 ug/ml



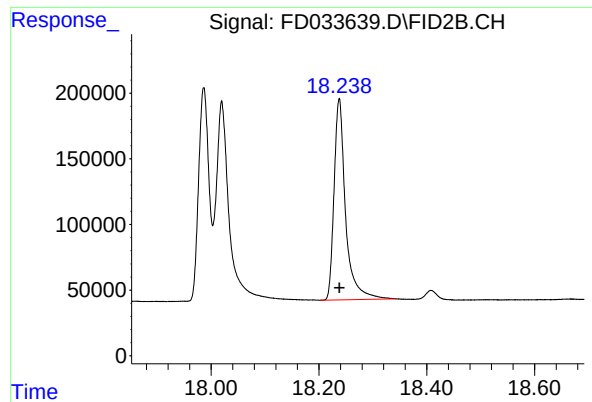
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.000 min
Response: 2134346
Conc: 20.91 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 2466210
Conc: 20.43 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.000 min
Response: 2273172
Conc: 20.40 ug/ml