

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032020AR\
 Data File : FD032713.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2020 10:21
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 00:28:20 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...	7.611	2817066	21.796 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
6) S 2-Fluorobiphenyl (SURR)	8.473	1827497	20.701 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.40%
11) S ortho-Terphenyl (SURR)	11.509	2818865	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	3064211	23.036 ug/ml
2) T Naphthalene (C11.7)	5.952	3224173	22.692 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	3114198	21.938 ug/ml
5) T Acenaphthylene (C15.06)	8.276	2847455	20.816 ug/ml
7) T Acenaphthene (C15.5)	8.571	3008697	21.310 ug/ml
8) T Fluorene (C16.55)	9.351	2872203	20.489 ug/ml
9) T Phenanthrene (C19.36)	10.745	2747198	19.658 ug/ml
10) T Anthracene (C19.43)	10.819	2162250	15.444 ug/ml
12) T Fluoranthene (C21.85)	12.555	2718175	19.381 ug/ml
13) T Pyrene (C20.8)	12.852	2675804	19.461 ug/ml
14) T Benzo[a]anthracene (C...	14.722	2530757	19.394 ug/ml
15) T Chrysene (C27.41)	14.764	2663673	19.787 ug/ml
16) T benzo[b]fluoranthene ...	16.274	2685459	20.933 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	2660860	20.269 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2618250	20.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	2645932	22.204 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	2746414	21.721 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2666255	22.554 ug/ml

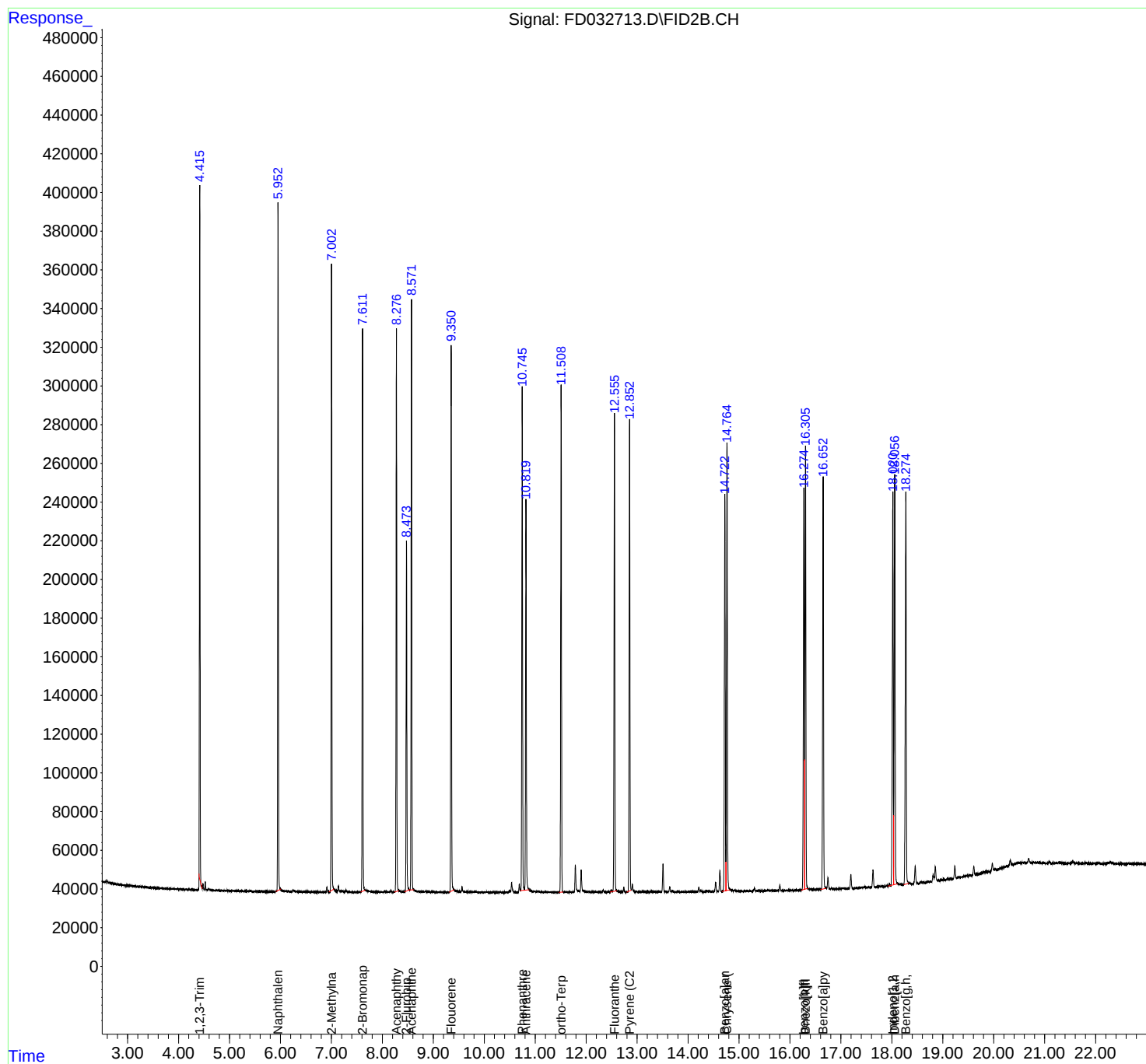
(f)=RT Delta > 1/2 Window

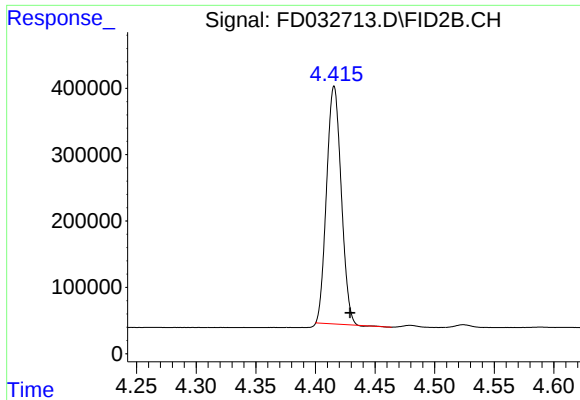
(m)=manual int.

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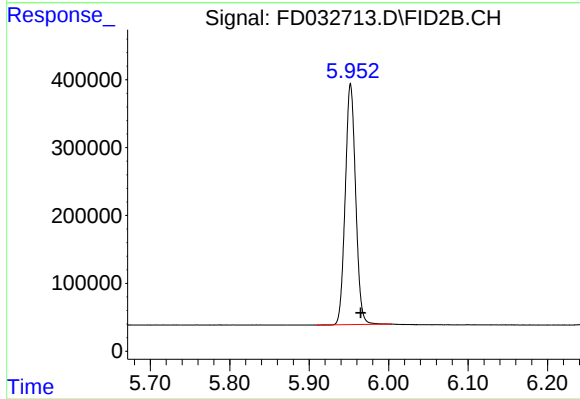
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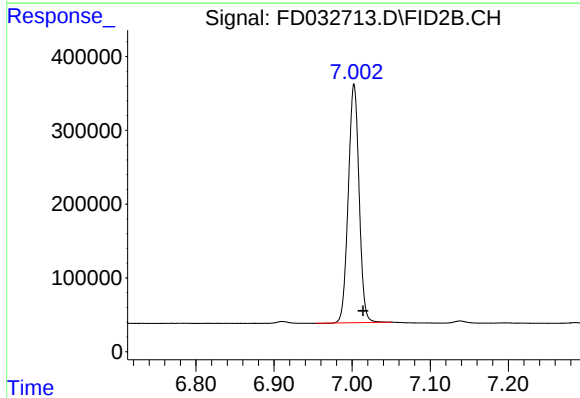
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: -0.013 min
Response: 3064211
Conc: 23.04 ug/ml



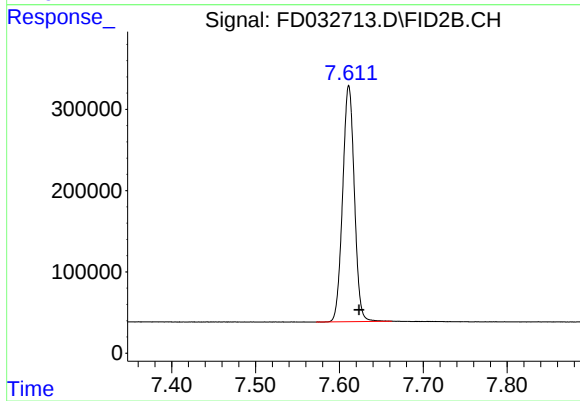
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.013 min
Response: 3224173
Conc: 22.69 ug/ml



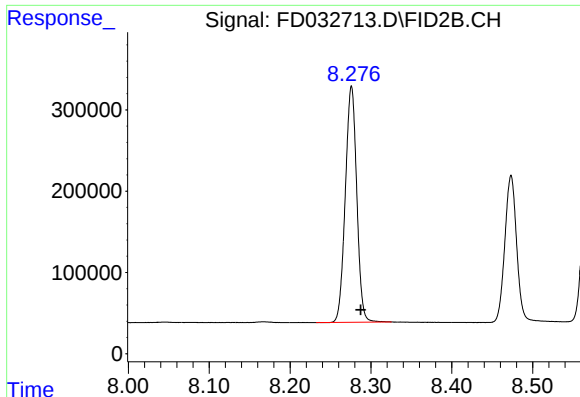
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.012 min
Response: 3114198
Conc: 21.94 ug/ml



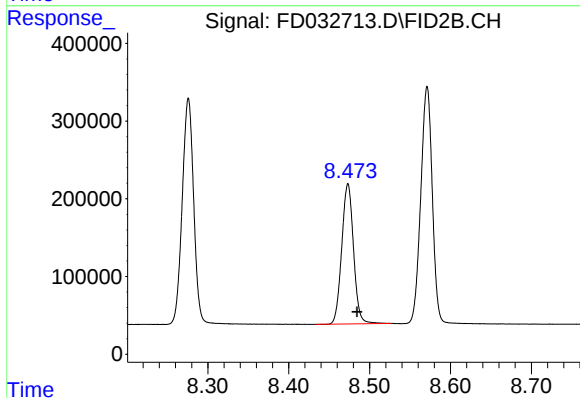
#4 2-Bromonaphthalene (SURR)

R.T.: 7.611 min
Delta R.T.: -0.012 min
Response: 2817066
Conc: 21.80 ug/ml



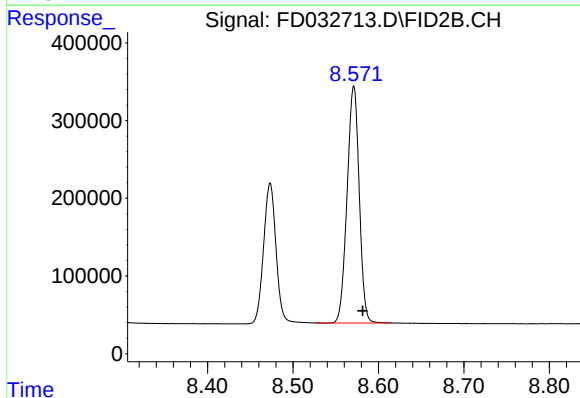
#5 Acenaphthylene (C15.06)

R.T.: 8.276 min
Delta R.T.: -0.011 min
Response: 2847455
Conc: 20.82 ug/ml



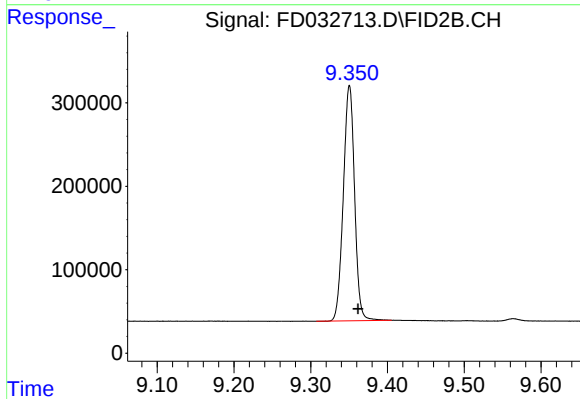
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.011 min
Response: 1827497
Conc: 20.70 ug/ml



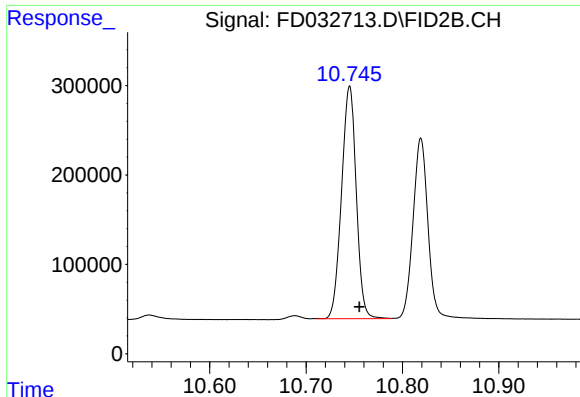
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.010 min
Response: 3008697
Conc: 21.31 ug/ml



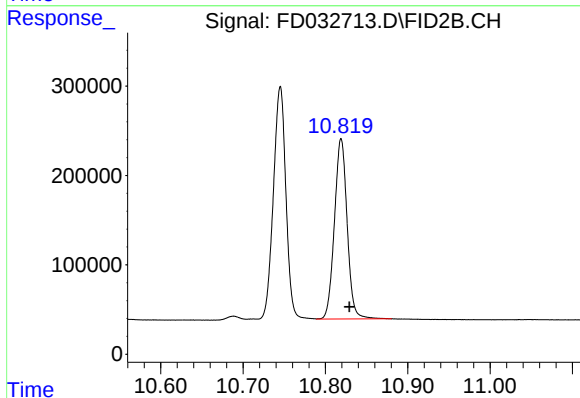
#8 Flouorene (C16.55)

R.T.: 9.351 min
Delta R.T.: -0.011 min
Response: 2872203
Conc: 20.49 ug/ml



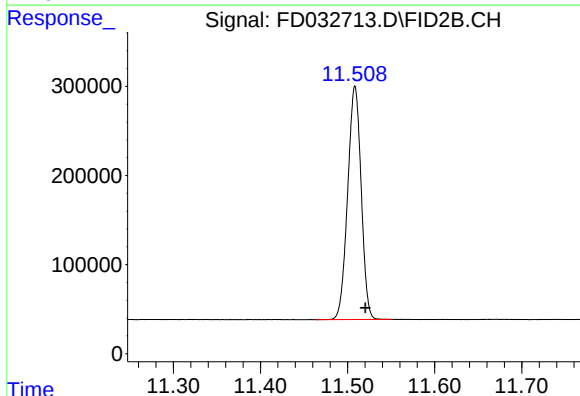
#9 Phenanthrene (C19.36)

R.T.: 10.745 min
Delta R.T.: -0.010 min
Response: 2747198
Conc: 19.66 ug/ml



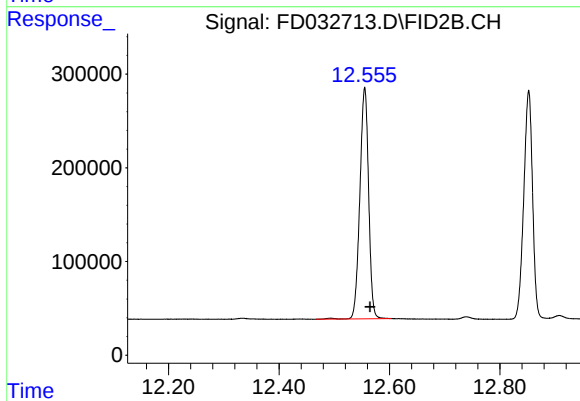
#10 Anthracene (C19.43)

R.T.: 10.819 min
Delta R.T.: -0.010 min
Response: 2162250
Conc: 15.44 ug/ml



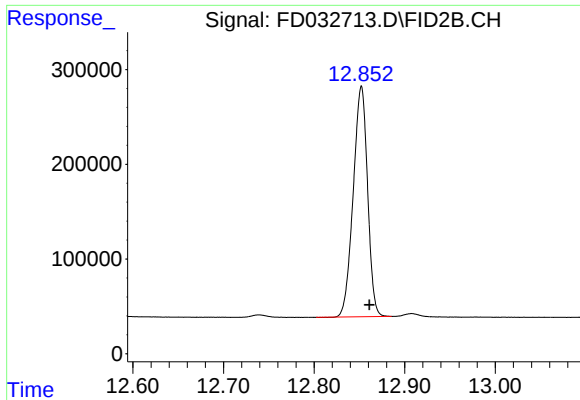
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 2818865
Conc: 20.33 ug/ml



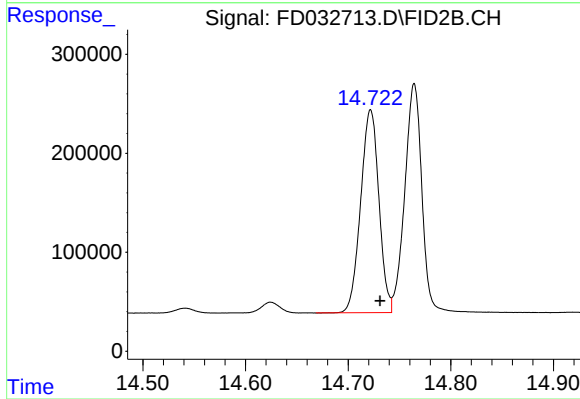
#12 Fluoranthene (C21.85)

R.T.: 12.555 min
Delta R.T.: -0.010 min
Response: 2718175
Conc: 19.38 ug/ml



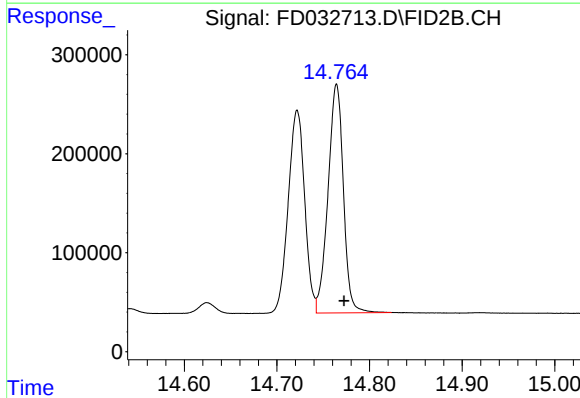
#13 Pyrene (C20.8)

R.T.: 12.852 min
Delta R.T.: -0.009 min
Response: 2675804
Conc: 19.46 ug/ml



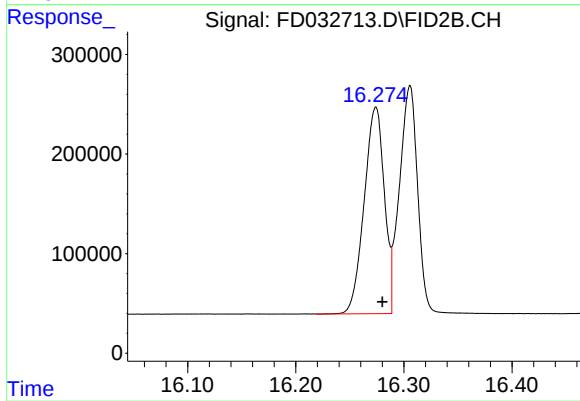
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.722 min
Delta R.T.: -0.009 min
Response: 2530757
Conc: 19.39 ug/ml



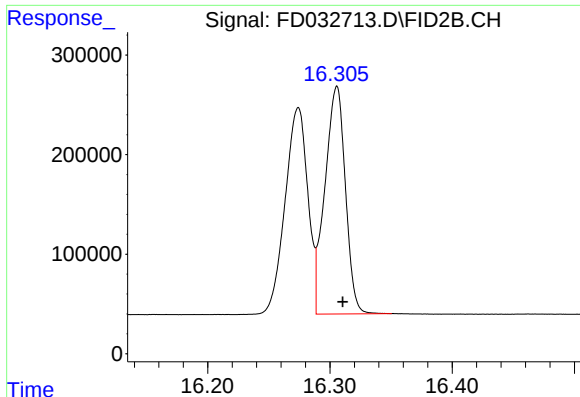
#15 Chrysene (C27.41)

R.T.: 14.764 min
Delta R.T.: -0.008 min
Response: 2663673
Conc: 19.79 ug/ml



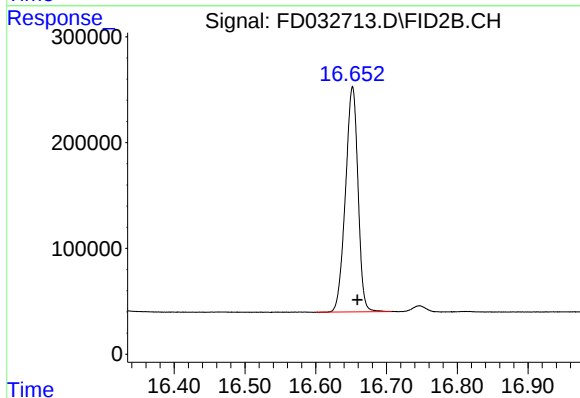
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.274 min
Delta R.T.: -0.006 min
Response: 2685459
Conc: 20.93 ug/ml



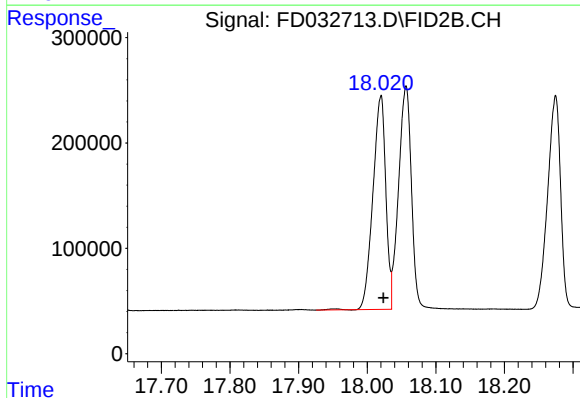
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.306 min
Delta R.T.: -0.005 min
Response: 2660860
Conc: 20.27 ug/ml



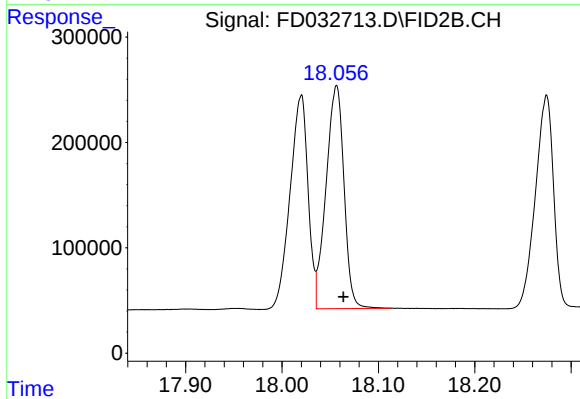
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.007 min
Response: 2618250
Conc: 20.55 ug/ml



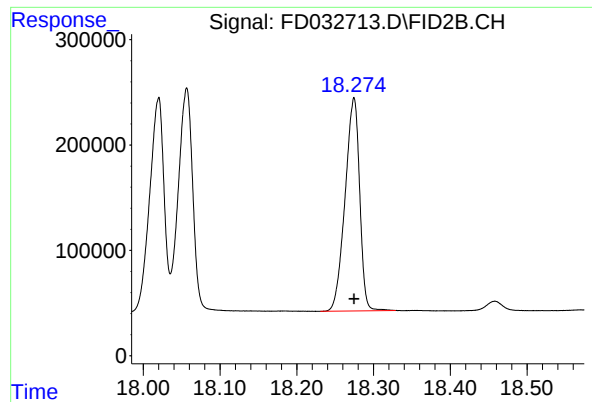
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.004 min
Response: 2645932
Conc: 22.20 ug/ml



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

R.T.: 18.057 min
Delta R.T.: -0.007 min
Response: 2746414
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: 2666255
Conc: 22.55 ug/ml