

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090220AR\
 Data File : FD034645.D
 Signal(s) : FID2B.CH
 Acq On : 02 Sep 2020 15:43
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 03:13:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.688	2408854	23.486 ug/ml
Spiked Amount 50.000		Recovery =	46.97%
6) S 2-Fluorobiphenyl (SURR)	8.554	1687611	23.455 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.91%
11) S ortho-Terphenyl (SURR)	11.596	2752696	22.977 ug/ml
Spiked Amount 50.000		Recovery =	45.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	2606795	23.025 ug/ml
2) T Naphthalene (C11.7)	6.025	2731569	23.402 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	2775751	23.502 ug/ml
5) T Acenaphthylene (C15.06)	8.356	2710624	23.193 ug/ml
7) T Acenaphthene (C15.5)	8.652	2769635	23.278 ug/ml
8) T Flouorene (C16.55)	9.433	2681390	23.256 ug/ml
9) T Phenanthrene (C19.36)	10.832	2684849	23.026 ug/ml
10) T Anthracene (C19.43)	10.906	2591379	22.747 ug/ml
12) T Fluoranthene (C21.85)	12.645	2658999	22.802 ug/ml
13) T Pyrene (C20.8)	12.942	2566967	22.619 ug/ml
14) T Benzo[a]anthracene (C...	14.813	2495152	22.608 ug/ml
15) T Chrysene (C27.41)	14.856	2512986	22.498 ug/ml
16) T benzo[b]fluoranthene ...	16.364	2398128	22.389 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.397	2376408	22.412 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	2379036	22.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	2338729	23.086 ug/mlm
20) T Dibenz[a,h]anthracene...	18.146	2363734	23.265 ug/ml
21) T Benzo[g,h,i]perylene ...	18.362	2344845	23.222 ug/ml

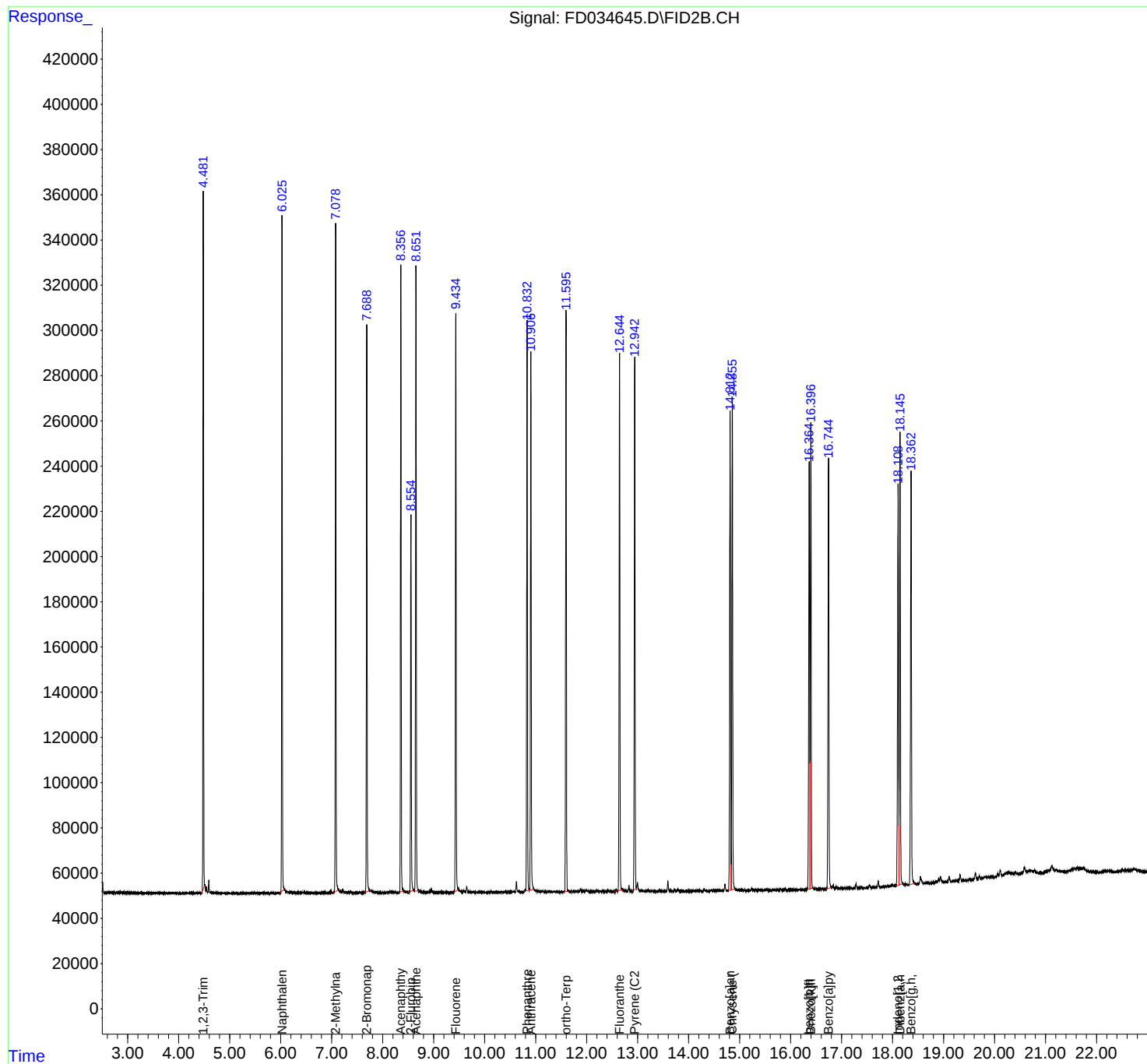
(f)=RT Delta > 1/2 Window

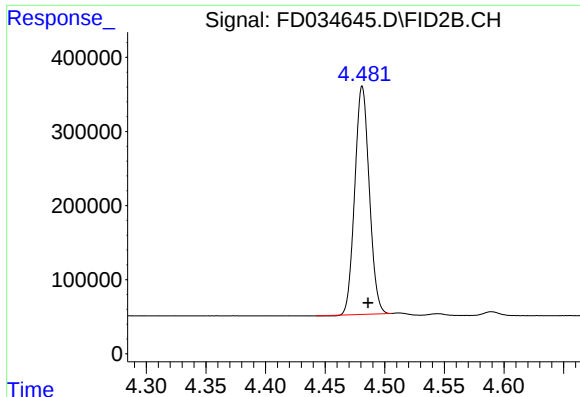
(m)=manual int.

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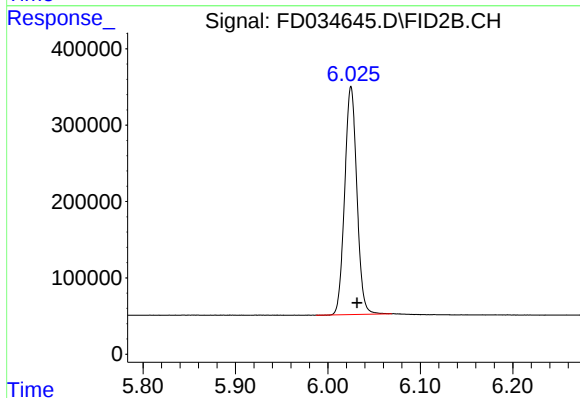
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Signal Info : 20M x 0.18mm x 0.18µm





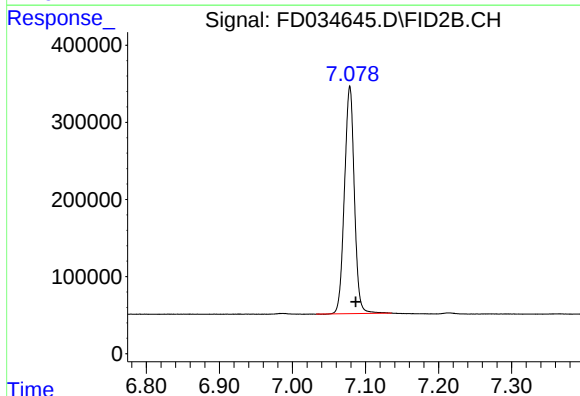
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.481 min
Delta R.T.: -0.005 min
Response: 2606795
Conc: 23.03 ug/ml



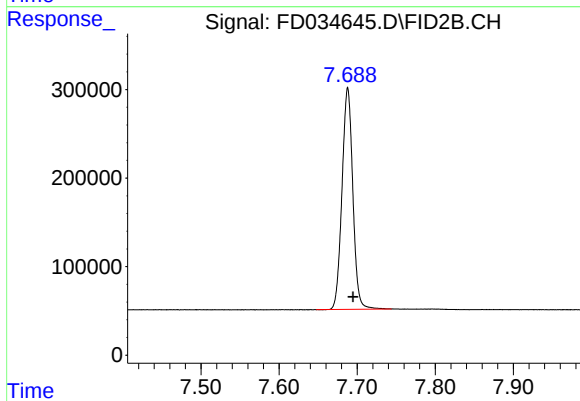
#2 Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.006 min
Response: 2731569
Conc: 23.40 ug/ml



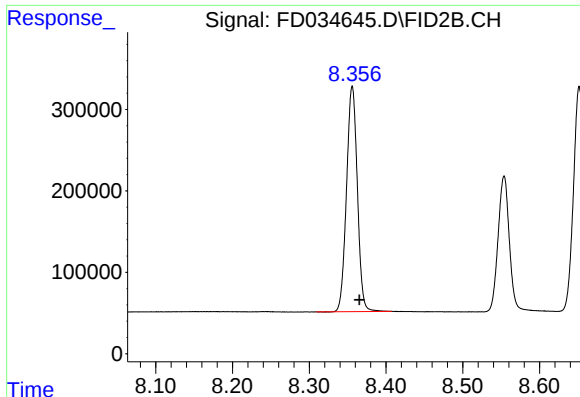
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.008 min
Response: 2775751
Conc: 23.50 ug/ml



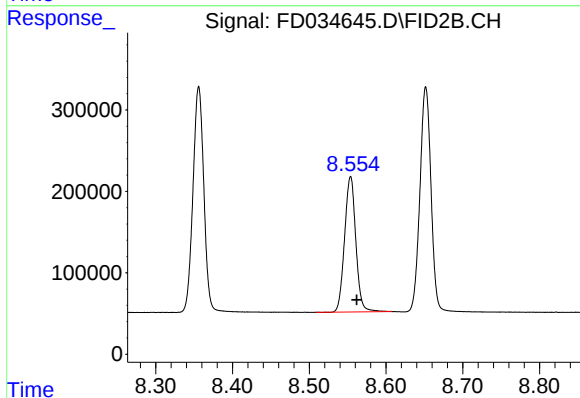
#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.007 min
Response: 2408854
Conc: 23.49 ug/ml



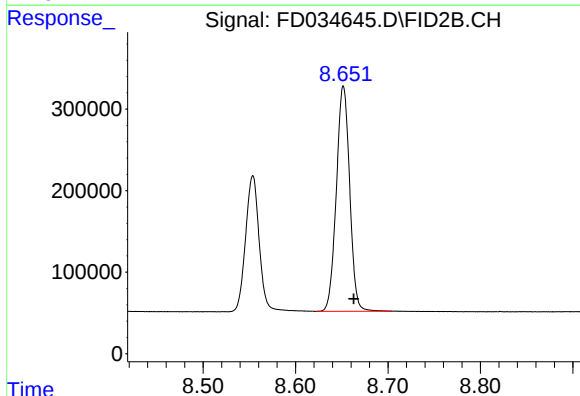
#5 Acenaphthylene (C15.06)

R.T.: 8.356 min
Delta R.T.: -0.009 min
Response: 2710624
Conc: 23.19 ug/ml



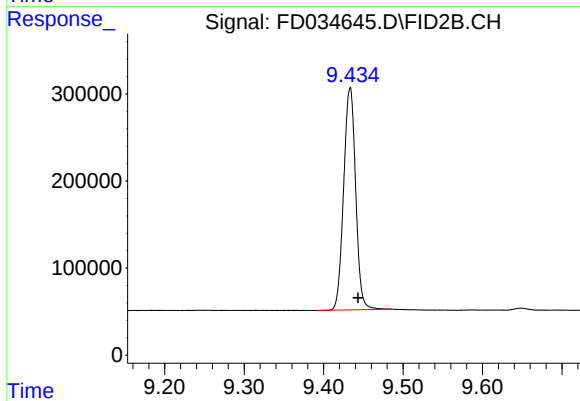
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.008 min
Response: 1687611
Conc: 23.46 ug/ml



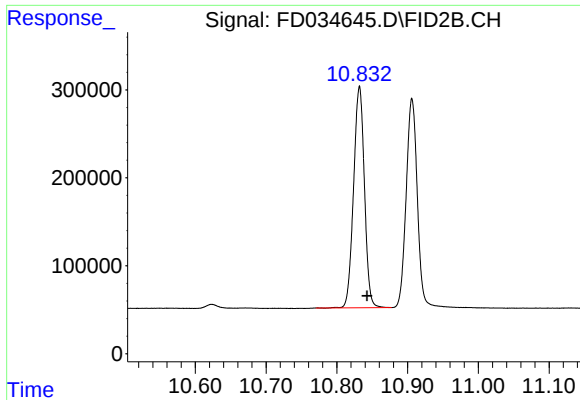
#7 Acenaphthene (C15.5)

R.T.: 8.652 min
Delta R.T.: -0.011 min
Response: 2769635
Conc: 23.28 ug/ml



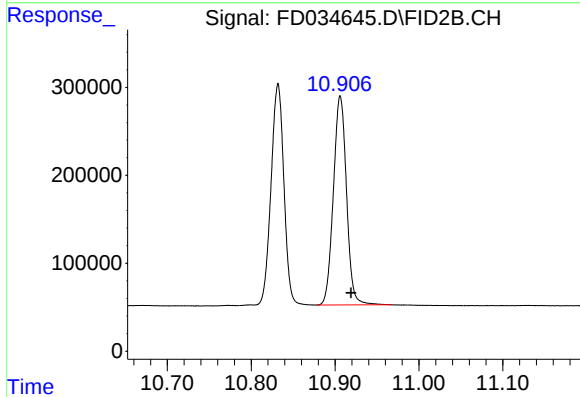
#8 Fluorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.010 min
Response: 2681390
Conc: 23.26 ug/ml



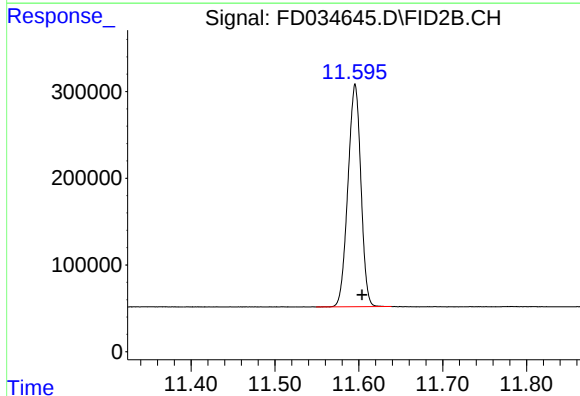
#9 Phenanthrene (C19.36)

R.T.: 10.832 min
Delta R.T.: -0.011 min
Response: 2684849
Conc: 23.03 ug/ml



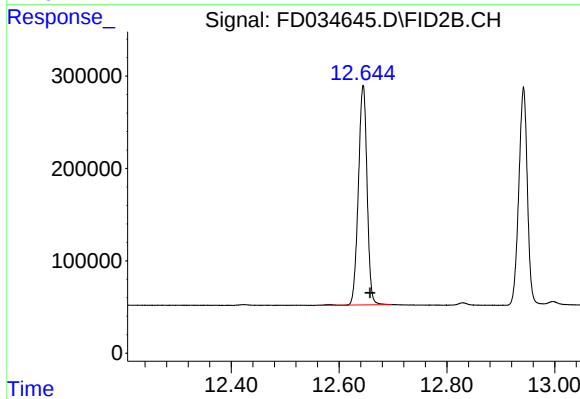
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: -0.013 min
Response: 2591379
Conc: 22.75 ug/ml



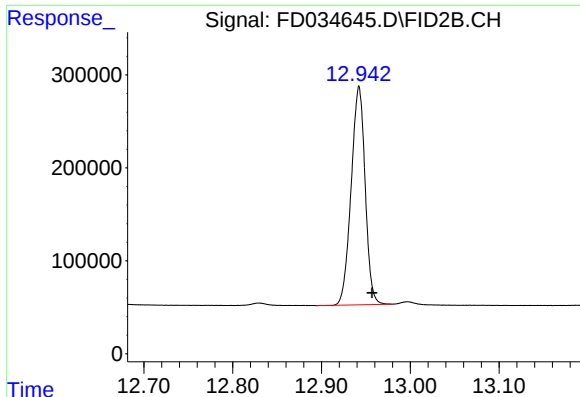
#11 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: -0.008 min
Response: 2752696
Conc: 22.98 ug/ml



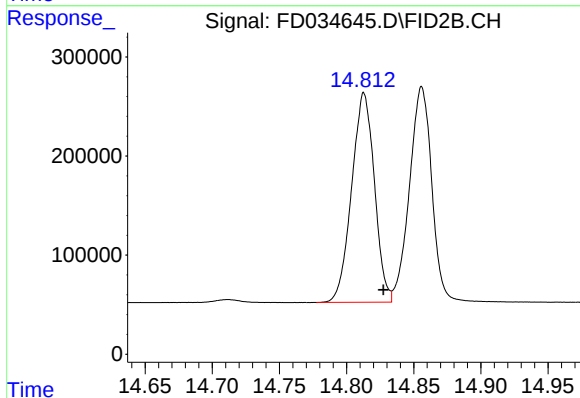
#12 Fluoranthene (C21.85)

R.T.: 12.645 min
Delta R.T.: -0.013 min
Response: 2658999
Conc: 22.80 ug/ml



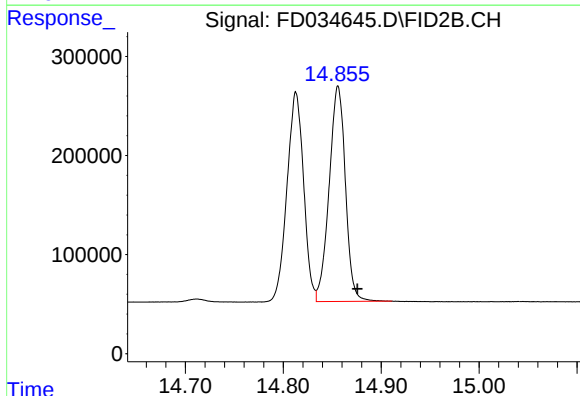
#13 Pyrene (C20.8)

R.T.: 12.942 min
Delta R.T.: -0.015 min
Response: 2566967
Conc: 22.62 ug/ml



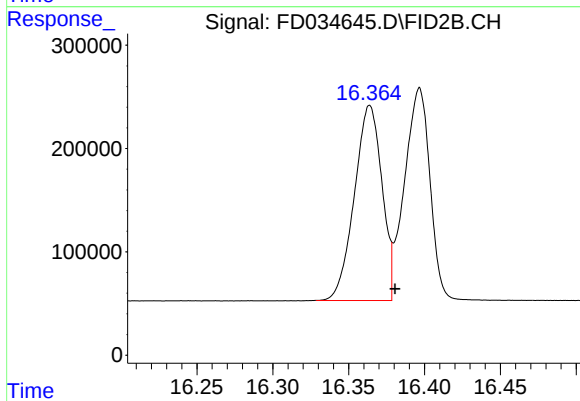
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.813 min
Delta R.T.: -0.014 min
Response: 2495152
Conc: 22.61 ug/ml



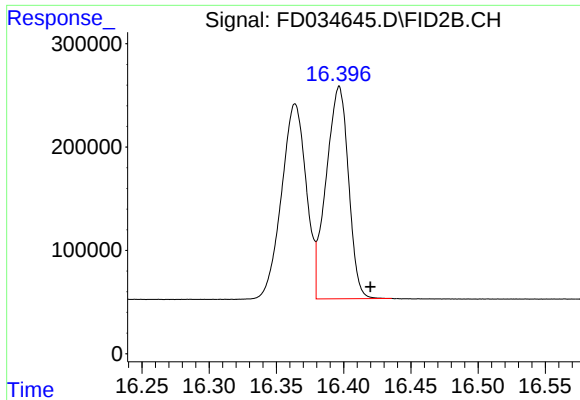
#15 Chrysene (C27.41)

R.T.: 14.856 min
Delta R.T.: -0.020 min
Response: 2512986
Conc: 22.50 ug/ml



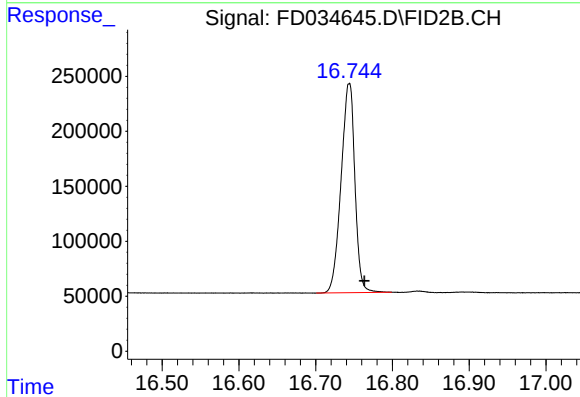
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.364 min
Delta R.T.: -0.017 min
Response: 2398128
Conc: 22.39 ug/ml m



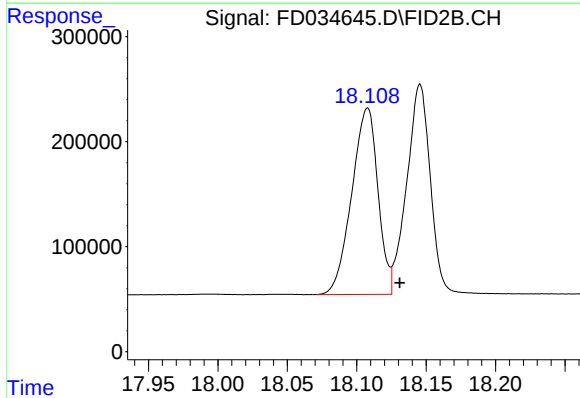
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.397 min
Delta R.T.: -0.023 min
Response: 2376408
Conc: 22.41 ug/ml



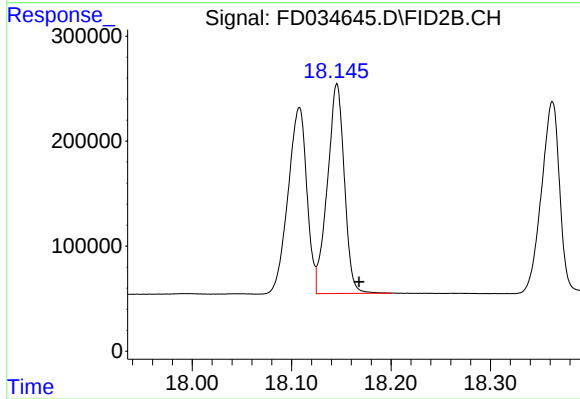
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: -0.020 min
Response: 2379036
Conc: 22.59 ug/ml



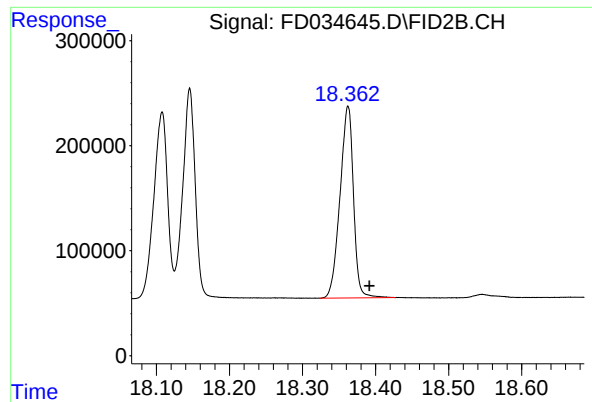
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: -0.023 min
Response: 2338729
Conc: 23.09 ug/ml m



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

R.T.: 18.146 min
Delta R.T.: -0.022 min
Response: 2363734
Conc: 23.26 ug/ml



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

R.T.: 18.362 min
Delta R.T.: -0.030 min
Response: 2344845
Conc: 23.22 ug/ml