

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121319AR\
 Data File : FD031796.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2019 10:06
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 13:04:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.642	2476544	20.022 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
6) S 2-Fluorobiphenyl (SURR)	8.502	1708036	20.025 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.05%
11) S ortho-Terphenyl (SURR)	11.539	2630862	19.885 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.446	2580826	20.422 ug/ml
2) T Naphthalene (C11.7)	5.983	2720302	20.173 ug/ml
3) T 2-Methylnaphthalene (...)	7.033	2729504	20.282 ug/ml
5) T Acenaphthylene (C15.06)	8.306	2592182	19.887 ug/ml
7) T Acenaphthene (C15.5)	8.602	2711012	20.061 ug/ml
8) T Flouorene (C16.55)	9.381	2685490	19.965 ug/ml
9) T Phenanthrene (C19.36)	10.774	2682098	19.885 ug/ml
10) T Anthracene (C19.43)	10.848	2483648	18.619 ug/ml
12) T Fluoranthene (C21.85)	12.582	2693203	19.905 ug/ml
13) T Pyrene (C20.8)	12.879	2668940	19.913 ug/ml
14) T Benzo[a]anthracene (C...	14.787	2544244	19.971 ug/ml
15) T Chrysene (C27.41)	14.787	2544244	19.942 ug/ml
16) T benzo[b]fluoranthene ...	16.324	2458153	19.954 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	2458153	20.220 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2416957	20.165 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	2338962	20.345 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	2338962	20.721 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	2319062	20.465 ug/ml

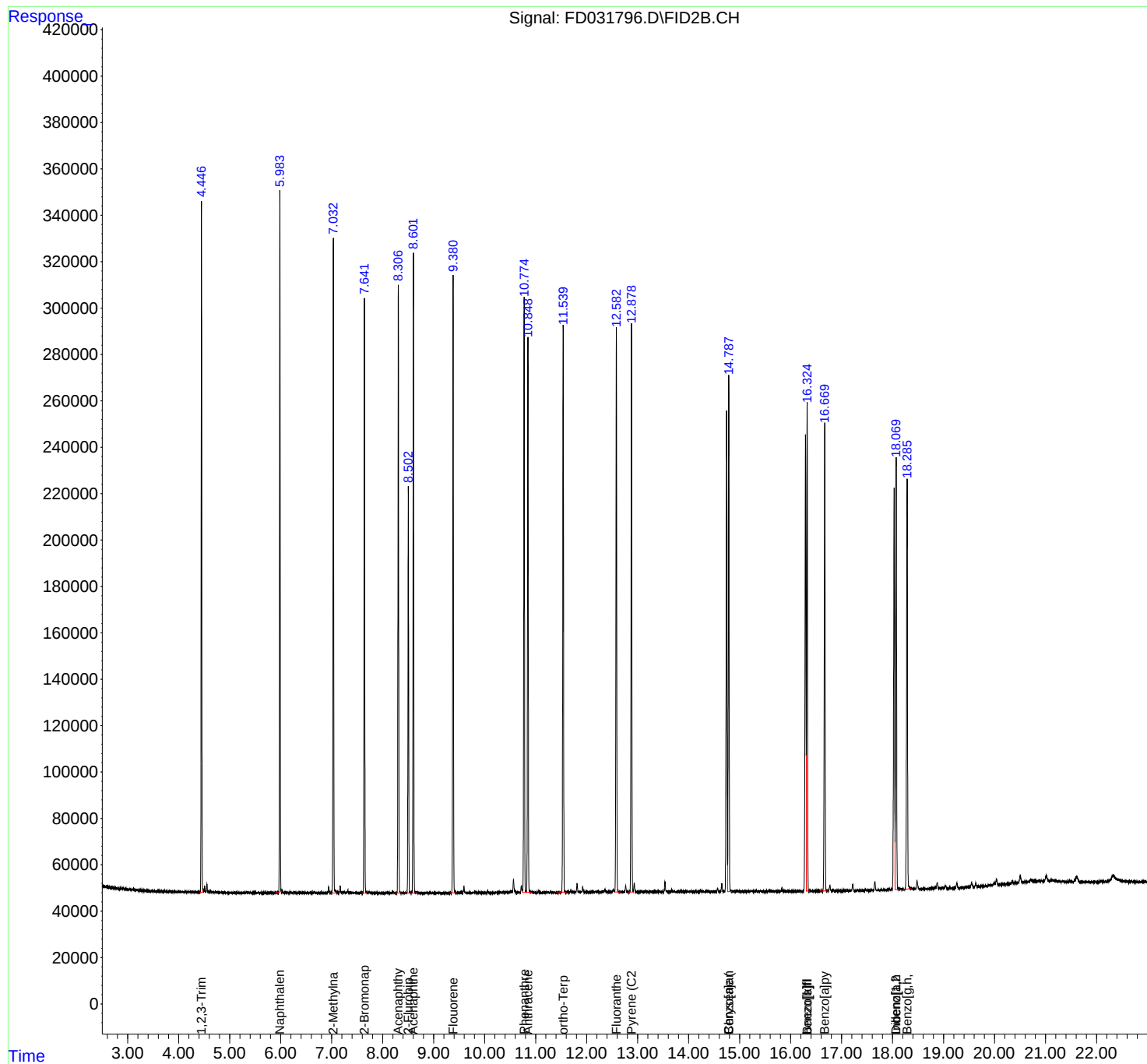
(f)=RT Delta > 1/2 Window

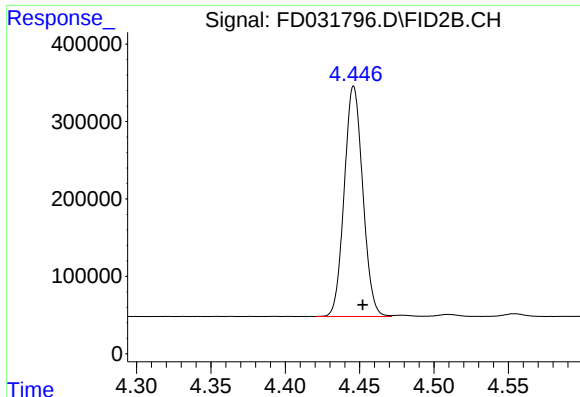
(m)=manual int.

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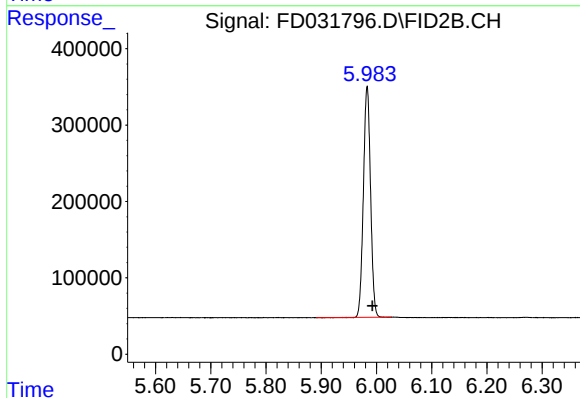
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





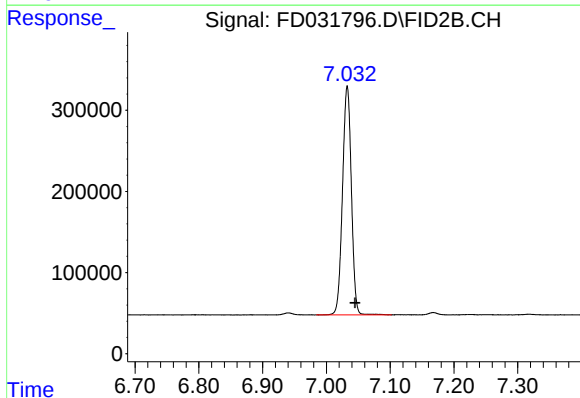
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.446 min
Delta R.T.: -0.006 min
Response: 2580826
Conc: 20.42 ug/ml



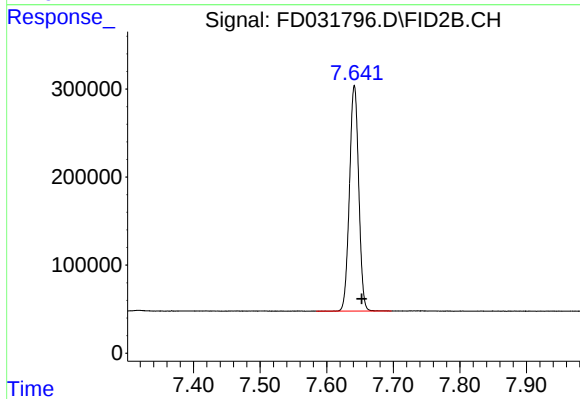
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.009 min
Response: 2720302
Conc: 20.17 ug/ml



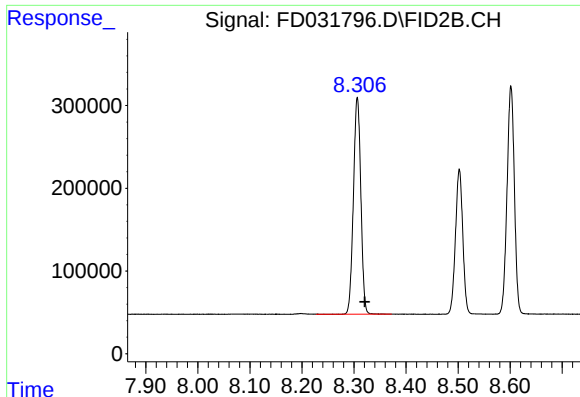
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.012 min
Response: 2729504
Conc: 20.28 ug/ml



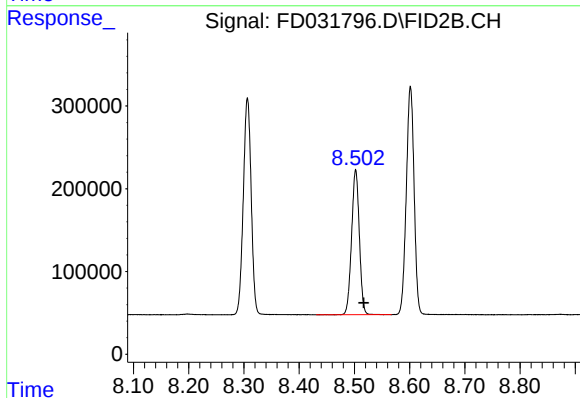
#4 2-Bromonaphthalene (SURR)

R.T.: 7.642 min
Delta R.T.: -0.011 min
Response: 2476544
Conc: 20.02 ug/ml



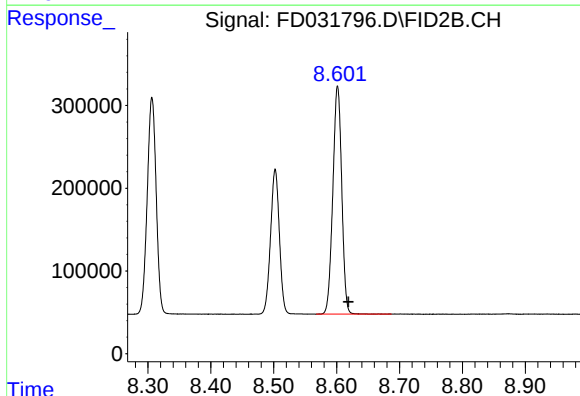
#5 Acenaphthylene (C15.06)

R.T.: 8.306 min
Delta R.T.: -0.014 min
Response: 2592182
Conc: 19.89 ug/ml



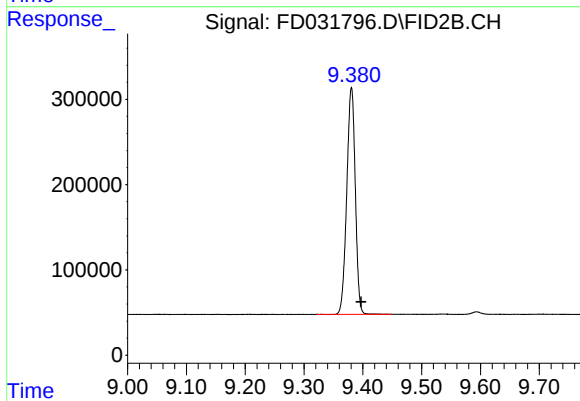
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: -0.015 min
Response: 1708036
Conc: 20.02 ug/ml



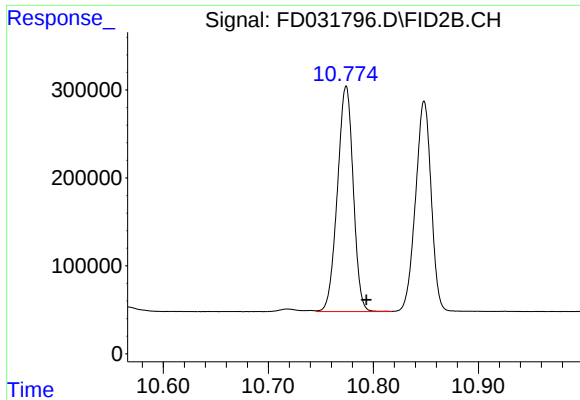
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: -0.017 min
Response: 2711012
Conc: 20.06 ug/ml



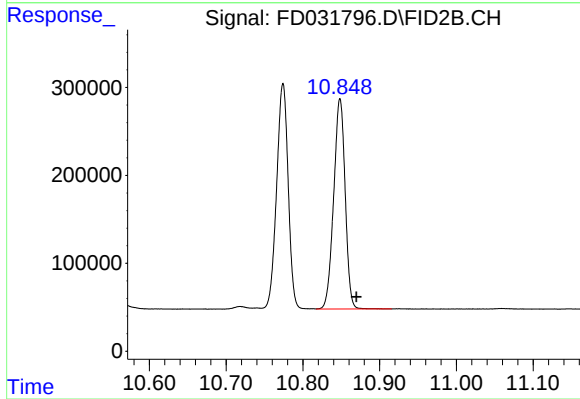
#8 Flouorene (C16.55)

R.T.: 9.381 min
Delta R.T.: -0.016 min
Response: 2685490
Conc: 19.97 ug/ml



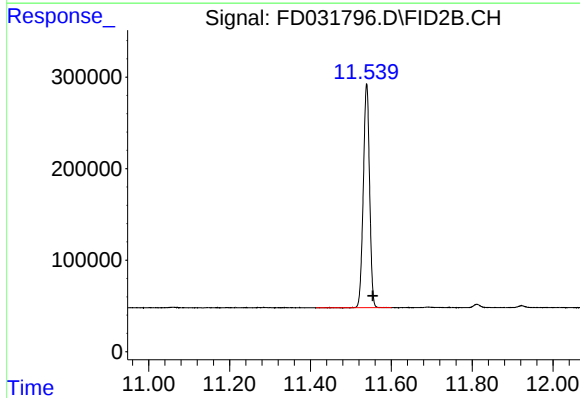
#9 Phenanthrene (C19.36)

R.T.: 10.774 min
Delta R.T.: -0.019 min
Response: 2682098
Conc: 19.89 ug/ml



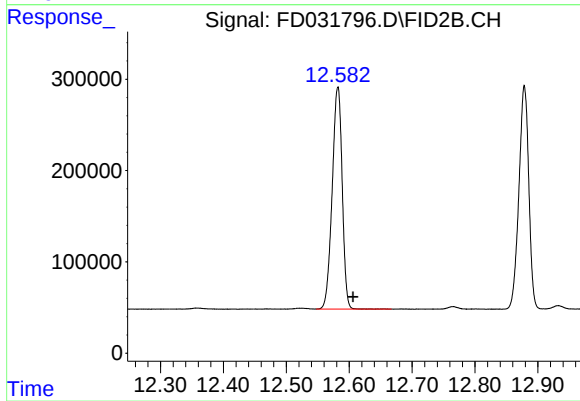
#10 Anthracene (C19.43)

R.T.: 10.848 min
Delta R.T.: -0.021 min
Response: 2483648
Conc: 18.62 ug/ml



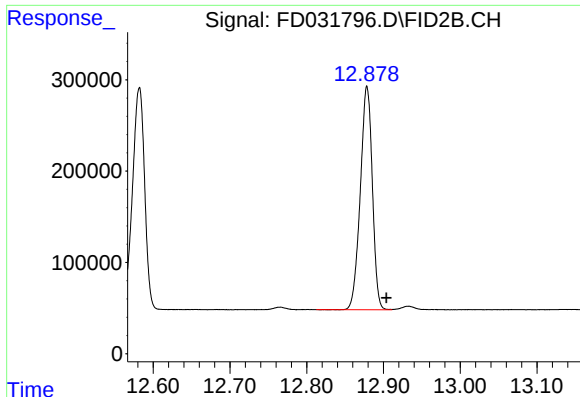
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.015 min
Response: 2630862
Conc: 19.88 ug/ml



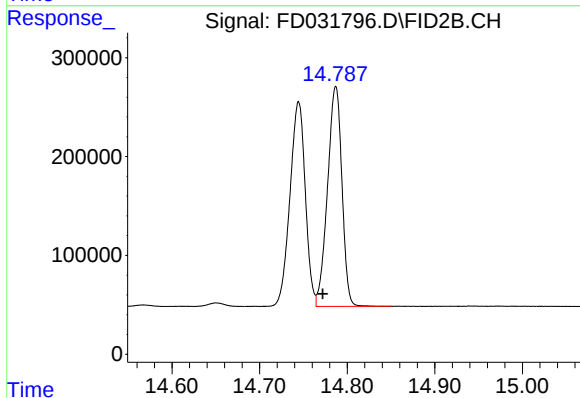
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: -0.024 min
Response: 2693203
Conc: 19.91 ug/ml



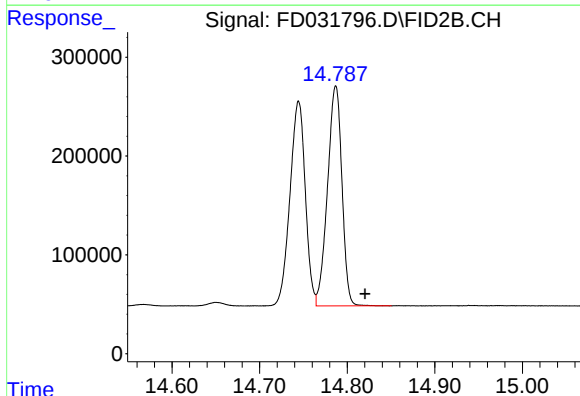
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: -0.025 min
Response: 2668940
Conc: 19.91 ug/ml



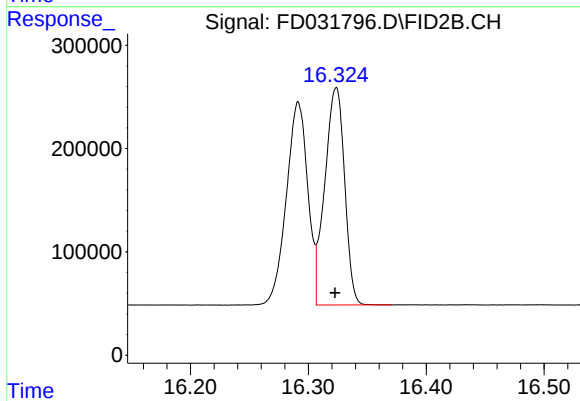
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.015 min
Response: 2544244
Conc: 19.97 ug/ml



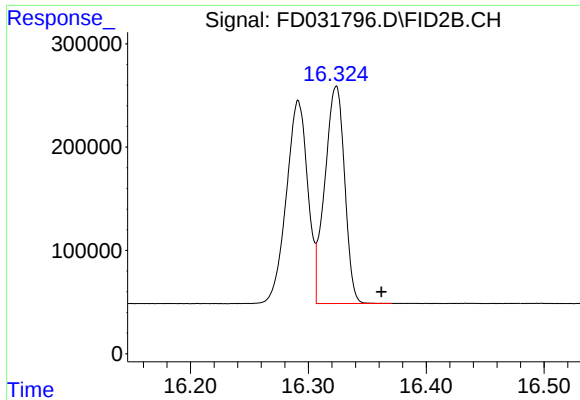
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.033 min
Response: 2544244
Conc: 19.94 ug/ml



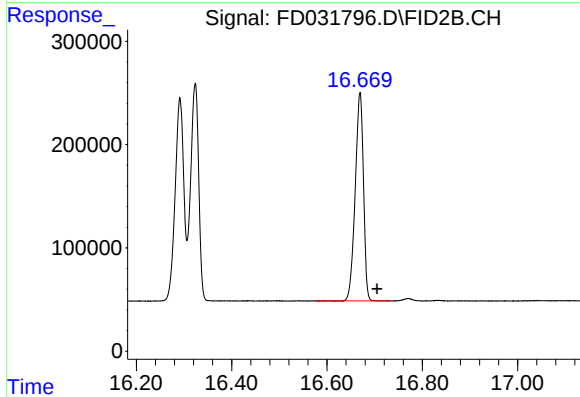
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.324 min
Delta R.T.: 0.000 min
Response: 2458153
Conc: 19.95 ug/ml



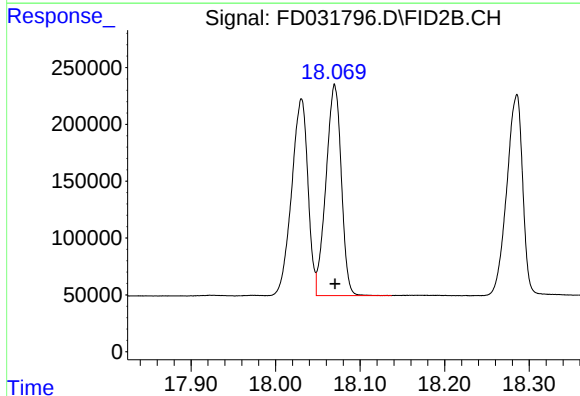
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.038 min
Response: 2458153
Conc: 20.22 ug/ml



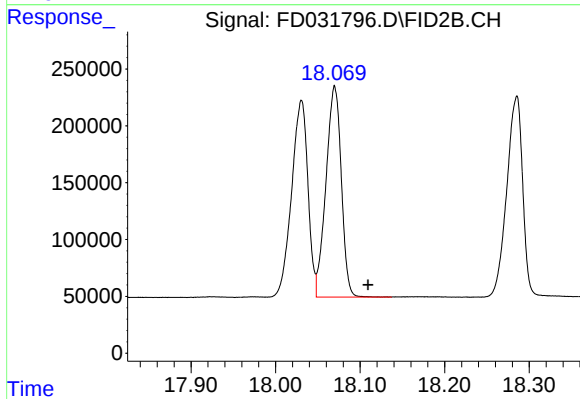
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.036 min
Response: 2416957
Conc: 20.17 ug/ml



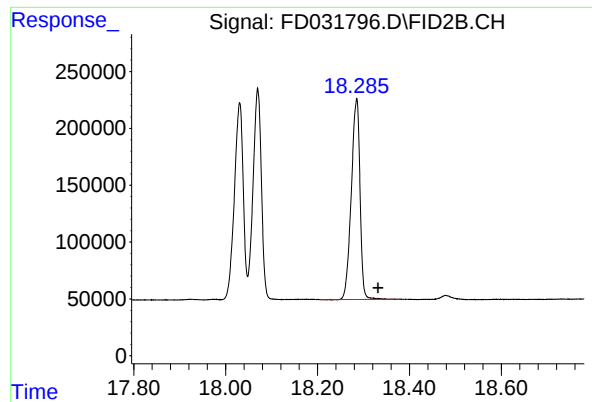
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 2338962
Conc: 20.35 ug/ml



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

R.T.: 18.070 min
Delta R.T.: -0.040 min
Response: 2338962
Conc: 20.72 ug/ml



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

R.T.: 18.285 min
Delta R.T.: -0.047 min
Response: 2319062
Conc: 20.47 ug/ml