

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051920AR\
 Data File : FD033536.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 1:01
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 06:43:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 06:41:13 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...	7.583	11370187	108.056 ug/ml
Spiked Amount 50.000		Recovery =	216.11%
6) S 2-Fluorobiphenyl (SURR)	8.447	7983303	113.234 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	226.47%#
11) S ortho-Terphenyl (SURR)	11.478	13132799	100.931 ug/ml
Spiked Amount 50.000		Recovery =	201.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	12099858	104.818 ug/ml
2) T Naphthalene (C11.7)	5.925	12918760	110.076 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	13133850	108.126 ug/ml
5) T Acenaphthylene (C15.06)	8.249	12879430	104.625 ug/ml
7) T Acenaphthene (C15.5)	8.546	13239917	102.460 ug/ml
8) T Fluorene (C16.55)	9.325	12927736	107.031 ug/ml
9) T Phenanthrene (C19.36)	10.720	12946743	104.209 ug/ml
10) T Anthracene (C19.43)	10.796	13000532	103.527 ug/ml
12) T Fluoranthene (C21.85)	12.531	12922276	100.850 ug/ml
13) T Pyrene (C20.8)	12.828	12625582	103.146 ug/ml
14) T Benzo[a]anthracene (C...	14.700	12184664	104.837 ug/ml
15) T Chrysene (C27.41)	14.745	12430331	94.564 ug/ml
16) T benzo[b]fluoranthene ...	16.255	11968127	101.558 ug/ml
17) T Bnezo[k]fluoranthene ...	16.255	11968127	95.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.637	11866728	98.843 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	11837143	114.946 ug/ml
20) T Dibenz[a,h]anthracene...	18.008	11837143	92.414 ug/ml
21) T Benzo[g,h,i]perylene ...	18.266	11374538	98.637 ug/ml

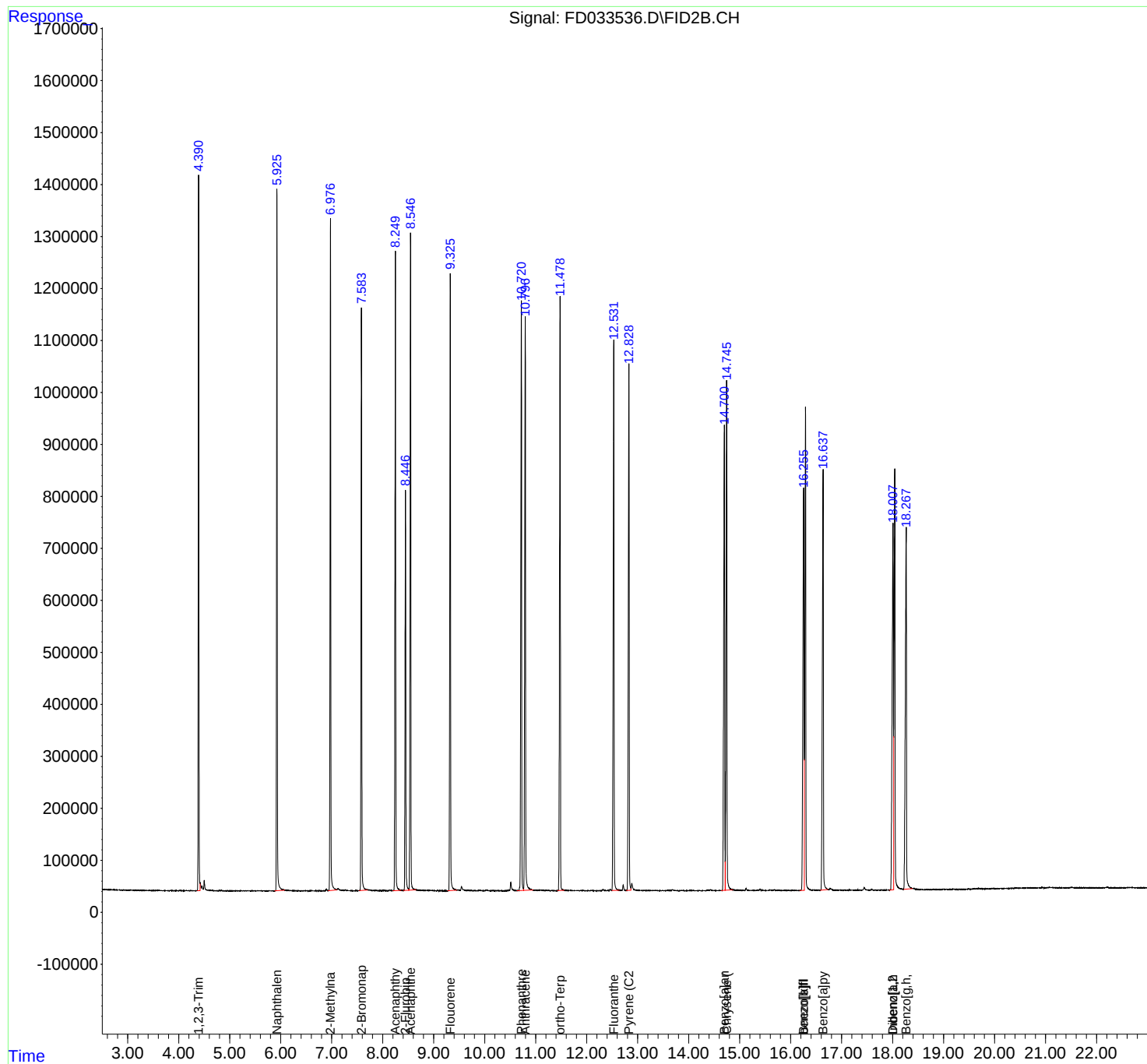
(f)=RT Delta > 1/2 Window

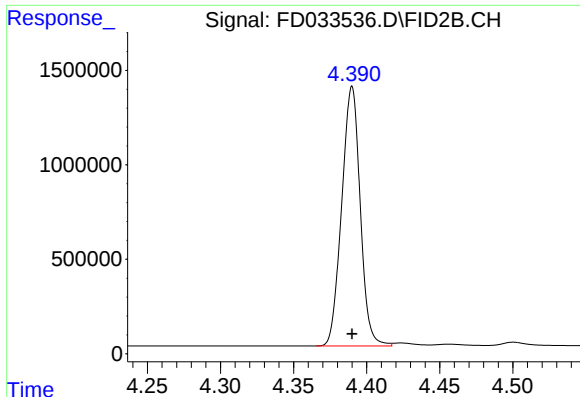
(m)=manual int.

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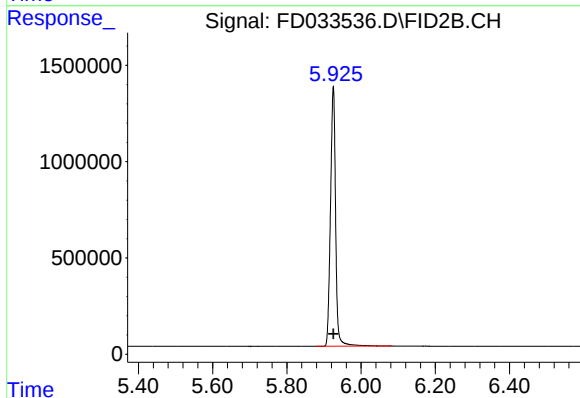
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





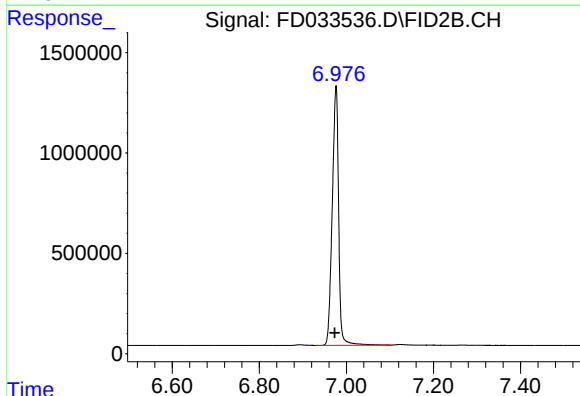
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 12099858
Conc: 104.82 ug/ml



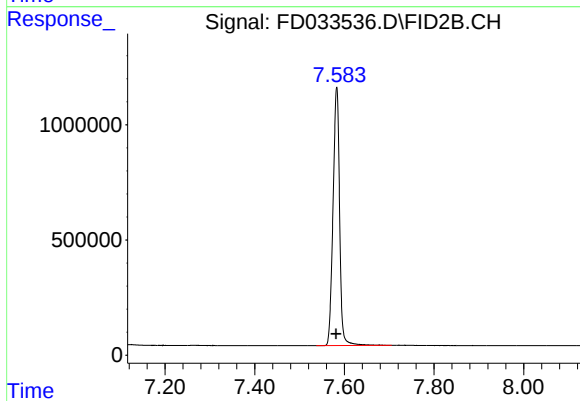
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 12918760
Conc: 110.08 ug/ml



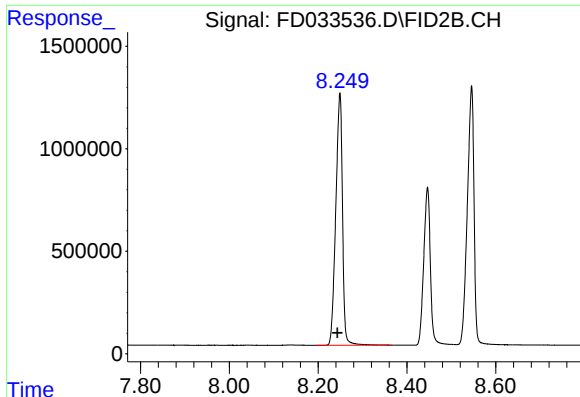
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: 0.003 min
Response: 13133850
Conc: 108.13 ug/ml



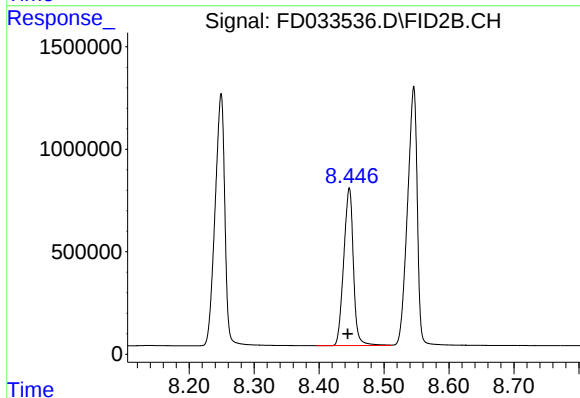
#4 2-Bromonaphthalene (SURR)

R.T.: 7.583 min
Delta R.T.: 0.002 min
Response: 11370187
Conc: 108.06 ug/ml



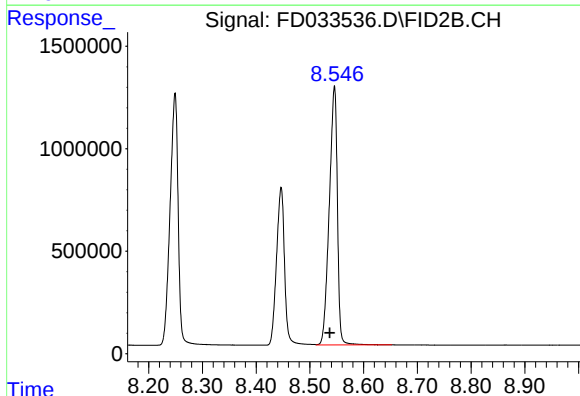
#5 Acenaphthylene (C15.06)

R.T.: 8.249 min
Delta R.T.: 0.005 min
Response: 12879430
Conc: 104.62 ug/ml



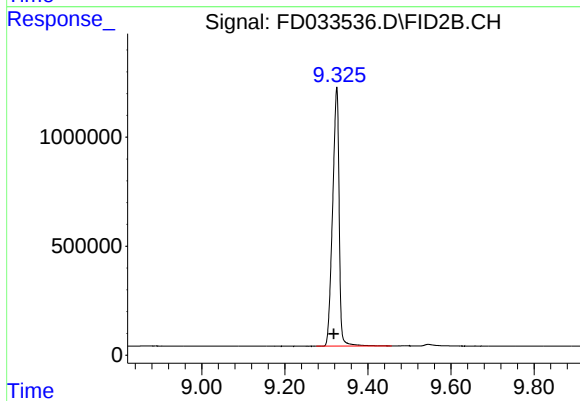
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: 0.002 min
Response: 7983303
Conc: 113.23 ug/ml



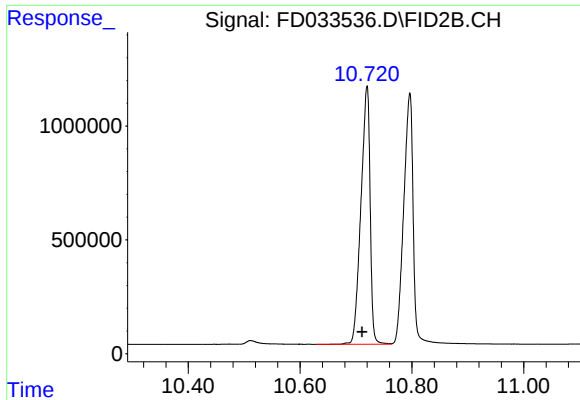
#7 Acenaphthene (C15.5)

R.T.: 8.546 min
Delta R.T.: 0.008 min
Response: 13239917
Conc: 102.46 ug/ml



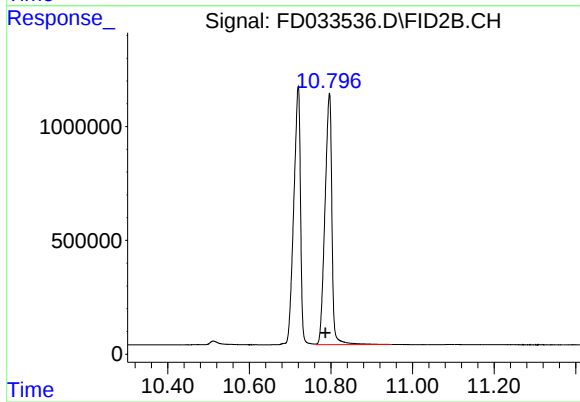
#8 Flouorene (C16.55)

R.T.: 9.325 min
Delta R.T.: 0.007 min
Response: 12927736
Conc: 107.03 ug/ml



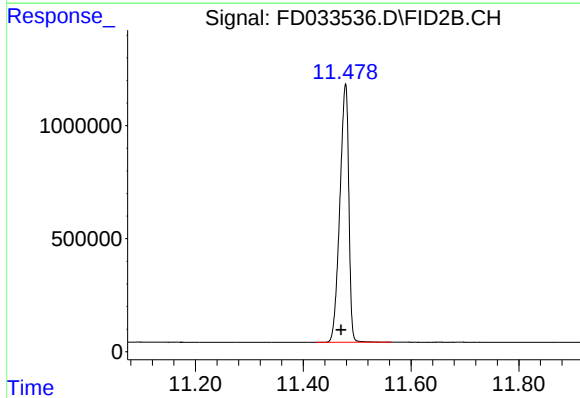
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: 0.009 min
Response: 12946743
Conc: 104.21 ug/ml



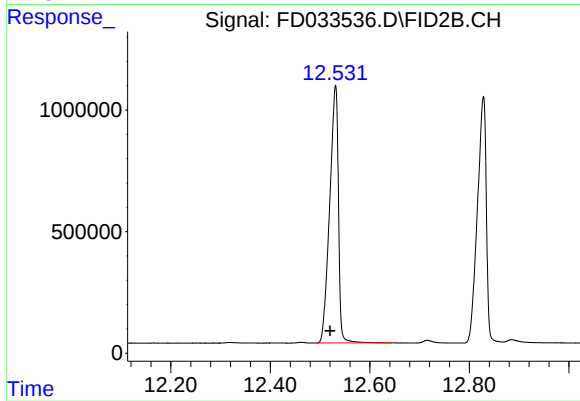
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: 0.010 min
Response: 13000532
Conc: 103.53 ug/ml



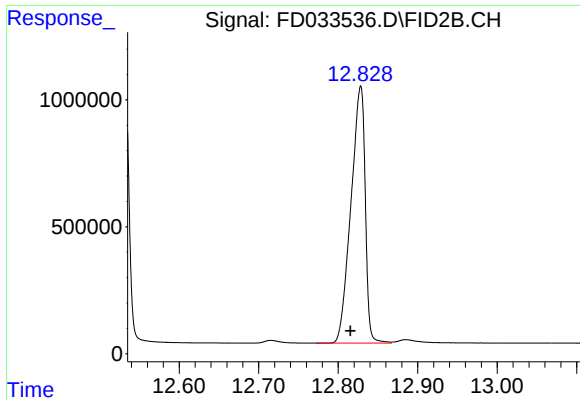
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: 0.008 min
Response: 13132799
Conc: 100.93 ug/ml



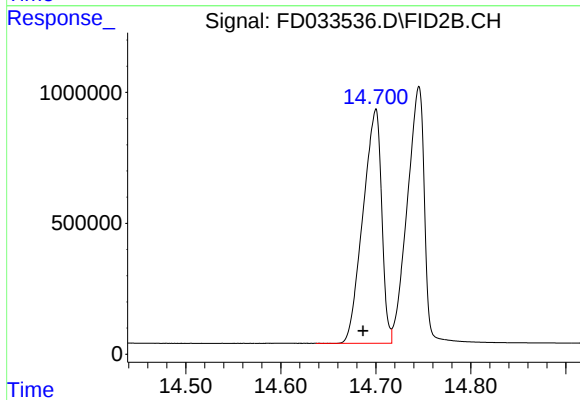
#12 Fluoranthene (C21.85)

R.T.: 12.531 min
Delta R.T.: 0.011 min
Response: 12922276
Conc: 100.85 ug/ml



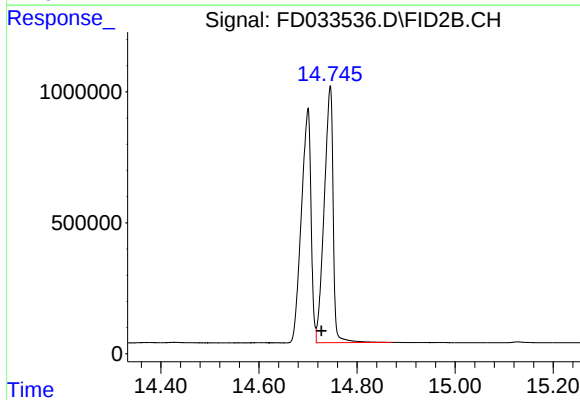
#13 Pyrene (C20.8)

R.T.: 12.828 min
Delta R.T.: 0.013 min
Response: 12625582
Conc: 103.15 ug/ml



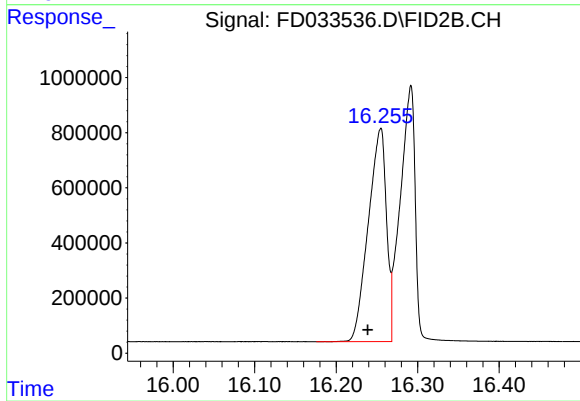
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: 0.013 min
Response: 12184664
Conc: 104.84 ug/ml



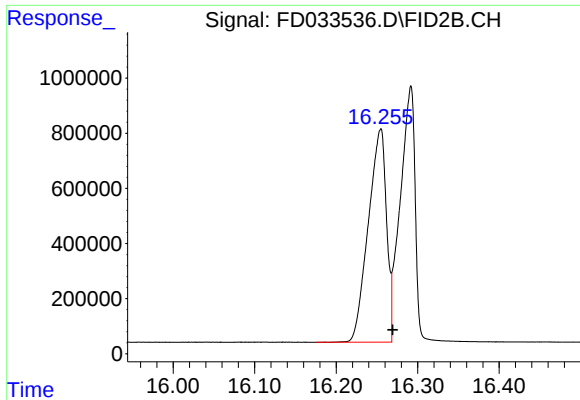
#15 Chrysene (C27.41)

R.T.: 14.745 min
Delta R.T.: 0.018 min
Response: 12430331
Conc: 94.56 ug/ml



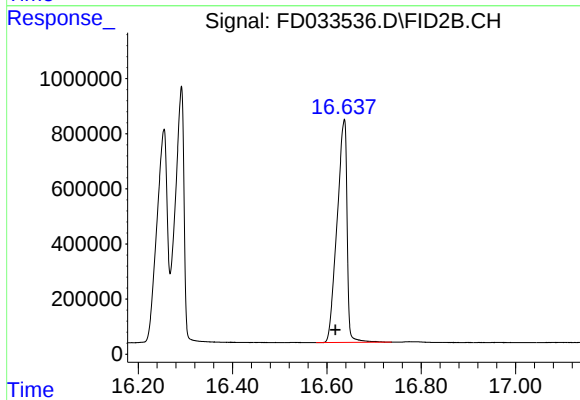
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.255 min
Delta R.T.: 0.016 min
Response: 11968127
Conc: 101.56 ug/ml



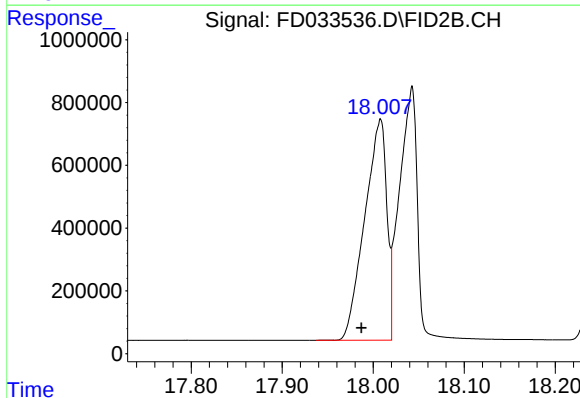
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.255 min
Delta R.T.: -0.015 min
Response: 11968127
Conc: 95.43 ug/ml



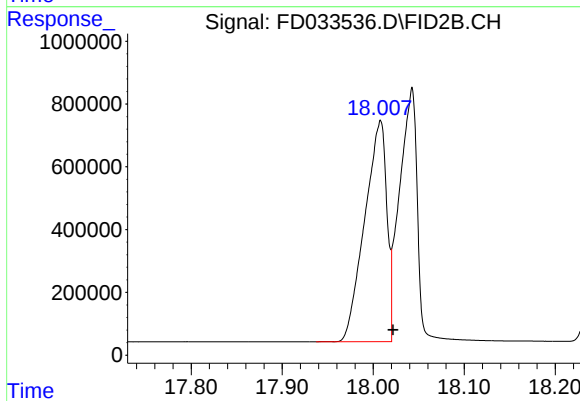
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.637 min
Delta R.T.: 0.019 min
Response: 11866728
Conc: 98.84 ug/ml



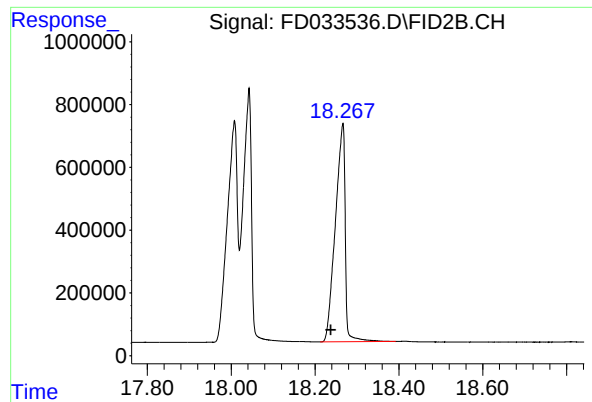
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: 0.021 min
Response: 11837143
Conc: 114.95 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.014 min
Response: 11837143
Conc: 92.41 ug/ml



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

R.T.: 18.266 min
Delta R.T.: 0.029 min
Response: 11374538
Conc: 98.64 ug/ml