

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 09:09:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:08:33 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	11345075	109.511 ug/ml
Spiked Amount 50.000		Recovery =	219.02%
6) S 2-Fluorobiphenyl (SURR)	8.447	7985751	114.110 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	228.22%#
11) S ortho-Terphenyl (SURR)	11.478	13121134	101.203 ug/ml
Spiked Amount 50.000		Recovery =	202.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	12100632	107.417 ug/ml
2) T Naphthalene (C11.7)	5.925	12863674	112.303 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	13133353	110.612 ug/ml
5) T Acenaphthylene (C15.06)	8.249	12860655	106.052 ug/ml
7) T Acenaphthene (C15.5)	8.546	13214160	104.126 ug/ml
8) T Fluorene (C16.55)	9.325	12876498	108.348 ug/ml
9) T Phenanthrene (C19.36)	10.720	12923136	104.670 ug/ml
10) T Anthracene (C19.43)	10.796	12893090	105.708 ug/ml
12) T Fluoranthene (C21.85)	12.531	12903967	101.844 ug/ml
13) T Pyrene (C20.8)	12.828	12534970	102.317 ug/ml
14) T Benzo[a]anthracene (C...	14.700	12187622	105.235 ug/ml
15) T Chrysene (C27.41)	14.745	12393080	97.053 ug/ml
16) T benzo[b]fluoranthene ...	16.255	11960328	101.807 ug/ml
17) T Bnezo[k]fluoranthene ...	16.291	11732370	94.971 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.637	11870232	100.002 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.008	11826695	115.197 ug/ml
20) T Dibenz[a,h]anthracene...	18.042	10840374	87.303 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.266	11374538	100.330 ug/ml

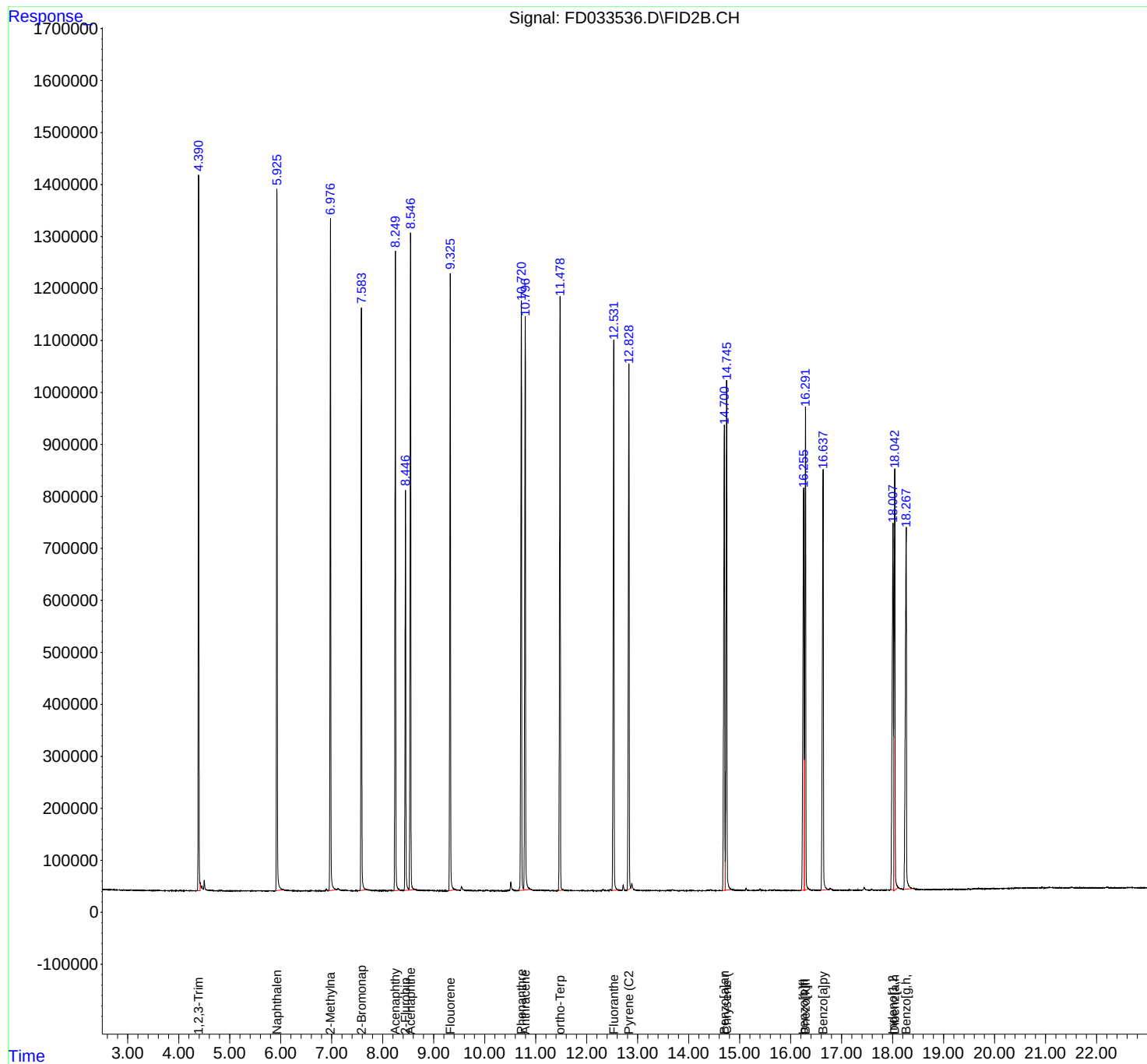
(f)=RT Delta > 1/2 Window

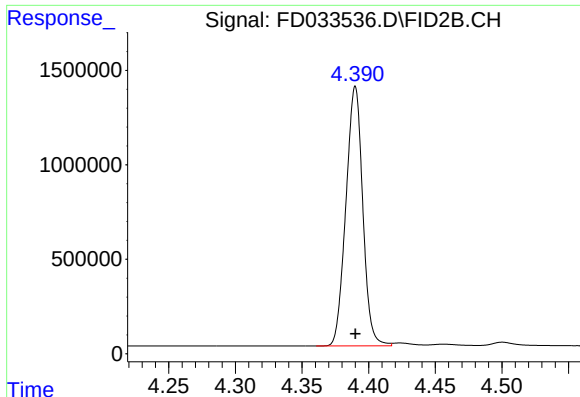
(m)=manual int.

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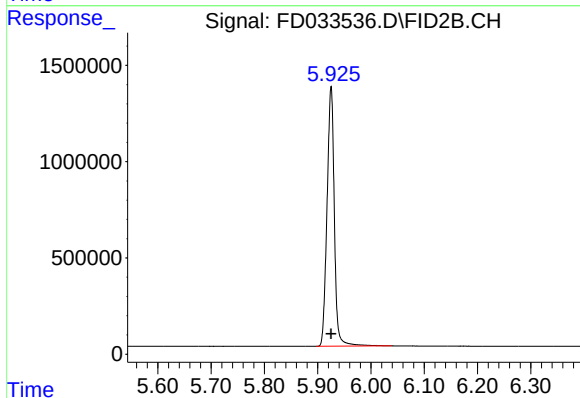
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





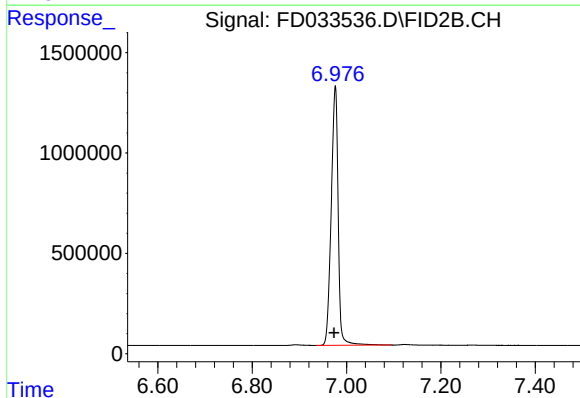
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 12100632
Conc: 107.42 ug/ml



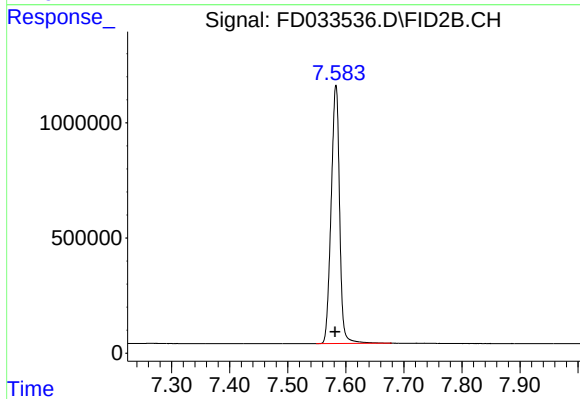
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 12863674
Conc: 112.30 ug/ml



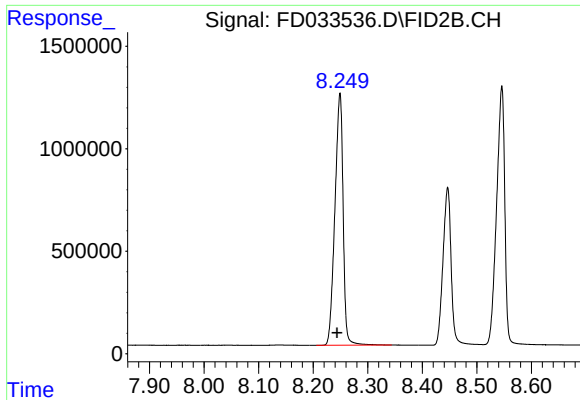
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: 0.003 min
Response: 13133353
Conc: 110.61 ug/ml



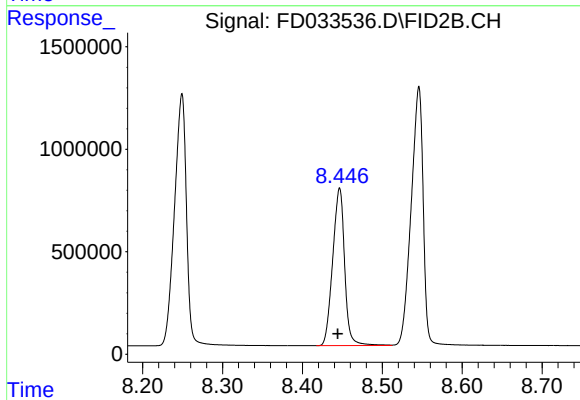
#4 2-Bromonaphthalene (SURR)

R.T.: 7.583 min
Delta R.T.: 0.002 min
Response: 11345075
Conc: 109.51 ug/ml



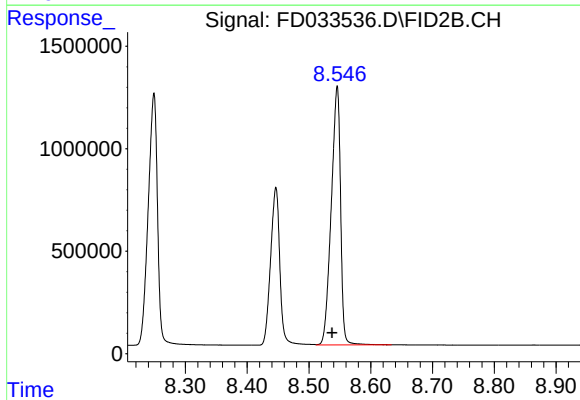
#5 Acenaphthylene (C15.06)

R.T.: 8.249 min
Delta R.T.: 0.005 min
Response: 12860655
Conc: 106.05 ug/ml



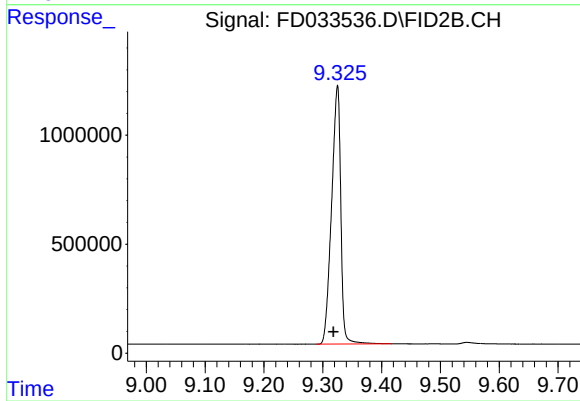
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: 0.002 min
Response: 7985751
Conc: 114.11 ug/ml



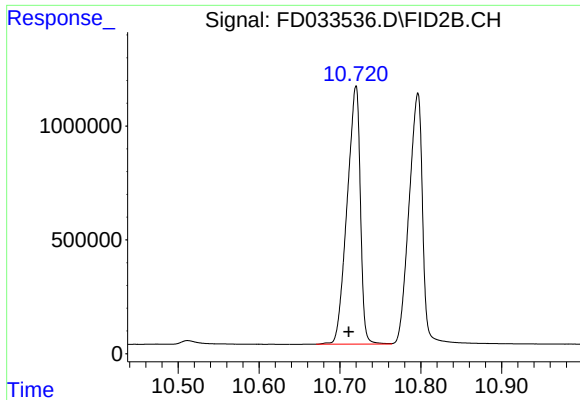
#7 Acenaphthene (C15.5)

R.T.: 8.546 min
Delta R.T.: 0.008 min
Response: 13214160
Conc: 104.13 ug/ml



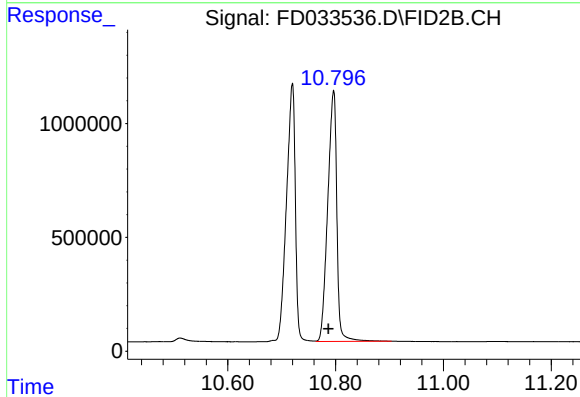
#8 Flouorene (C16.55)

R.T.: 9.325 min
Delta R.T.: 0.007 min
Response: 12876498
Conc: 108.35 ug/ml



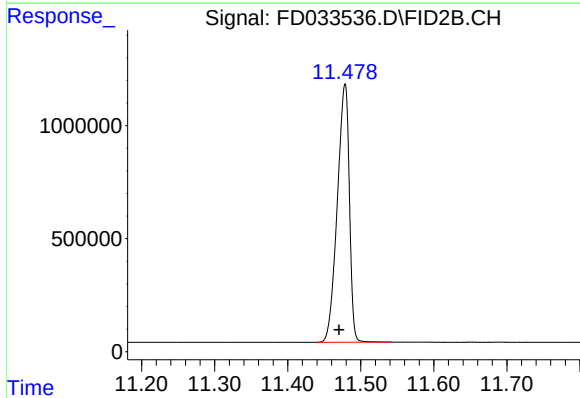
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: 0.009 min
Response: 12923136
Conc: 104.67 ug/ml



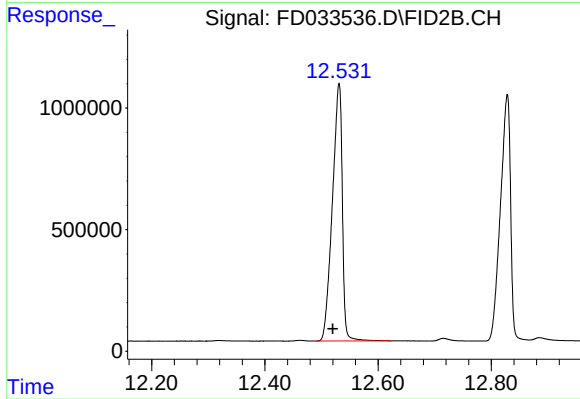
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: 0.010 min
Response: 12893090
Conc: 105.71 ug/ml



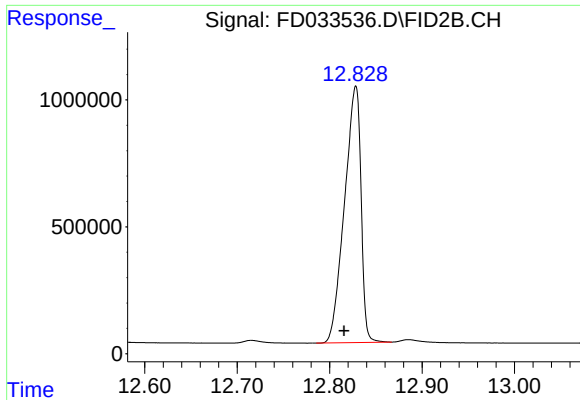
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: 0.008 min
Response: 13121134
Conc: 101.20 ug/ml



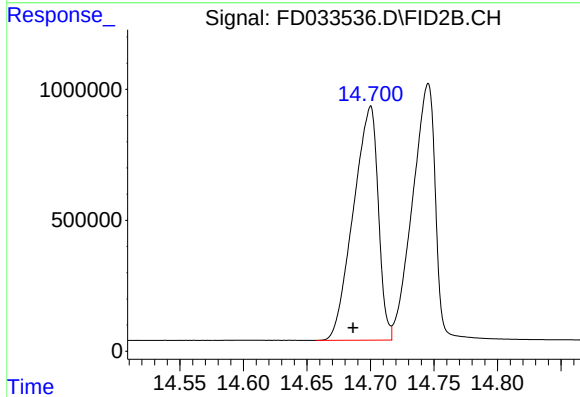
#12 Fluoranthene (C21.85)

R.T.: 12.531 min
Delta R.T.: 0.011 min
Response: 12903967
Conc: 101.84 ug/ml



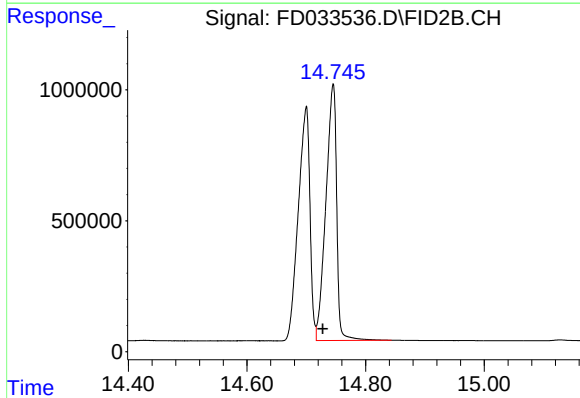
#13 Pyrene (C20.8)

R.T.: 12.828 min
Delta R.T.: 0.013 min
Response: 12534970
Conc: 102.32 ug/ml



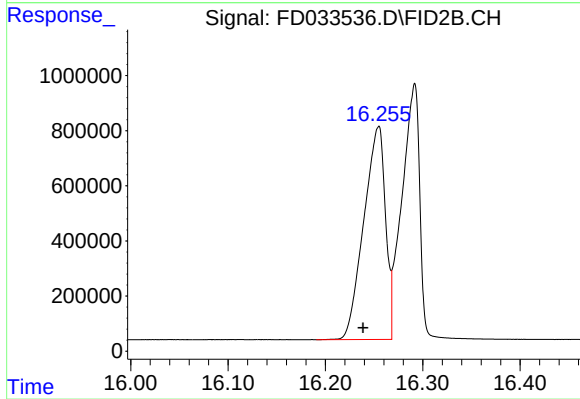
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: 0.013 min
Response: 12187622
Conc: 105.23 ug/ml



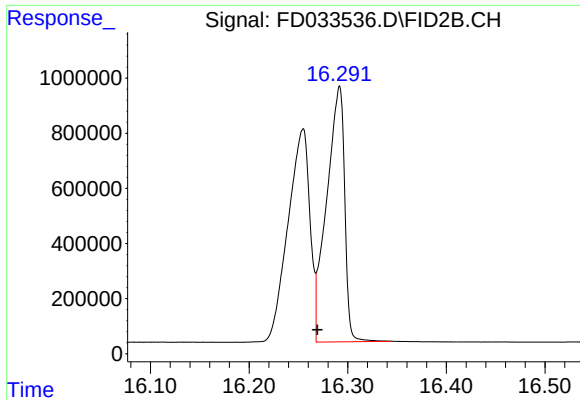
#15 Chrysene (C27.41)

R.T.: 14.745 min
Delta R.T.: 0.018 min
Response: 12393080
Conc: 97.05 ug/ml



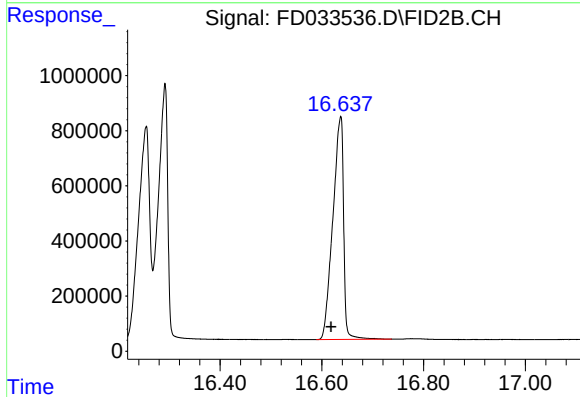
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.255 min
Delta R.T.: 0.016 min
Response: 11960328
Conc: 101.81 ug/ml



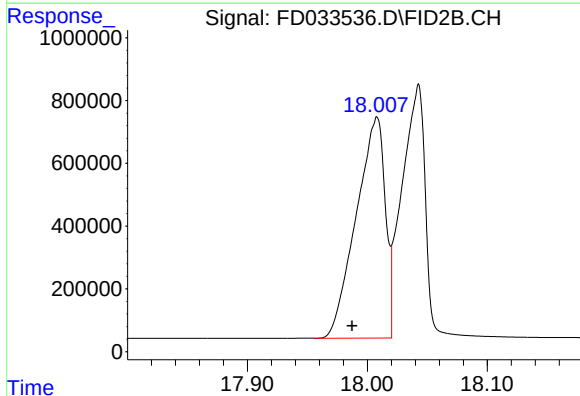
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.291 min
Delta R.T.: 0.022 min
Response: 11732370
Conc: 94.97 ug/ml m



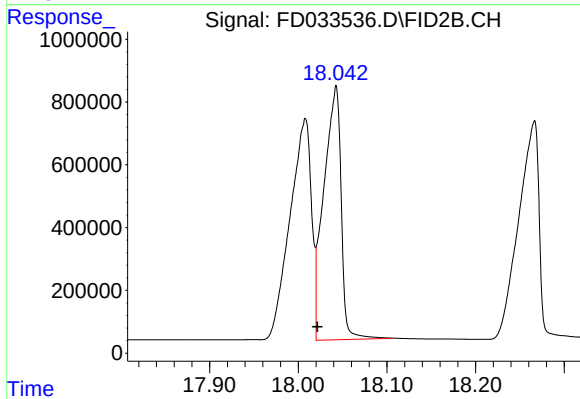
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.637 min
Delta R.T.: 0.019 min
Response: 11870232
Conc: 100.00 ug/ml



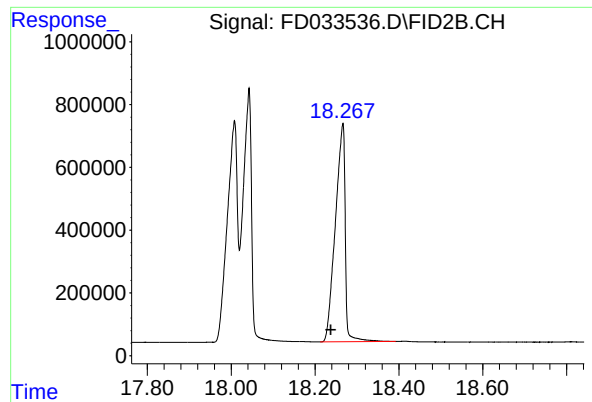
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min
Delta R.T.: 0.021 min
Response: 11826695
Conc: 115.20 ug/ml



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

R.T.: 18.042 min
Delta R.T.: 0.021 min
Response: 10840374
Conc: 87.30 ug/ml m



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

R.T.: 18.266 min
Delta R.T.: 0.029 min
Response: 11374538
Conc: 100.33 ug/ml