

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073120AR\
 Data File : FD034275.D
 Signal(s) : FID2B.CH
 Acq On : 01 Aug 2020 1:57
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 03 10:49:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:46:58 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...	7.709	12046615	99.601 ug/ml
Spiked Amount 50.000		Recovery =	199.20%
6) S 2-Fluorobiphenyl (SURR)	8.577	8527044	99.286 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.57%#
11) S ortho-Terphenyl (SURR)	11.620	13816517	98.396 ug/ml
Spiked Amount 50.000		Recovery =	196.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	13170488	100.774 ug/ml
2) T Naphthalene (C11.7)	6.046	13781568	99.589 ug/ml
3) T 2-Methylnaphthalene (...)	7.101	13900287	99.592 ug/ml
5) T Acenaphthylene (C15.06)	8.381	13452072	98.552 ug/ml
7) T Acenaphthene (C15.5)	8.679	13765529	99.030 ug/ml
8) T Fluorene (C16.55)	9.459	13574869	98.703 ug/ml
9) T Phenanthrene (C19.36)	10.859	13701038	98.660 ug/ml
10) T Anthracene (C19.43)	10.937	13523451	98.450 ug/ml
12) T Fluoranthene (C21.85)	12.675	13748041	97.811 ug/ml
13) T Pyrene (C20.8)	12.974	13449269	97.772 ug/ml
14) T Benzo[a]anthracene (C...	14.845	13159208	96.954 ug/ml
15) T Chrysene (C27.41)	14.893	13107385	96.823 ug/ml
16) T benzo[b]fluoranthene ...	16.398	12723194	96.571 ug/ml
17) T Bnezo[k]fluoranthene ...	16.437	12042877	93.707 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.781	12388614	95.793 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	12341612	100.179 ug/ml
20) T Dibenz[a,h]anthracene...	18.185	10941989	89.063 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.409	11699479	95.492 ug/ml

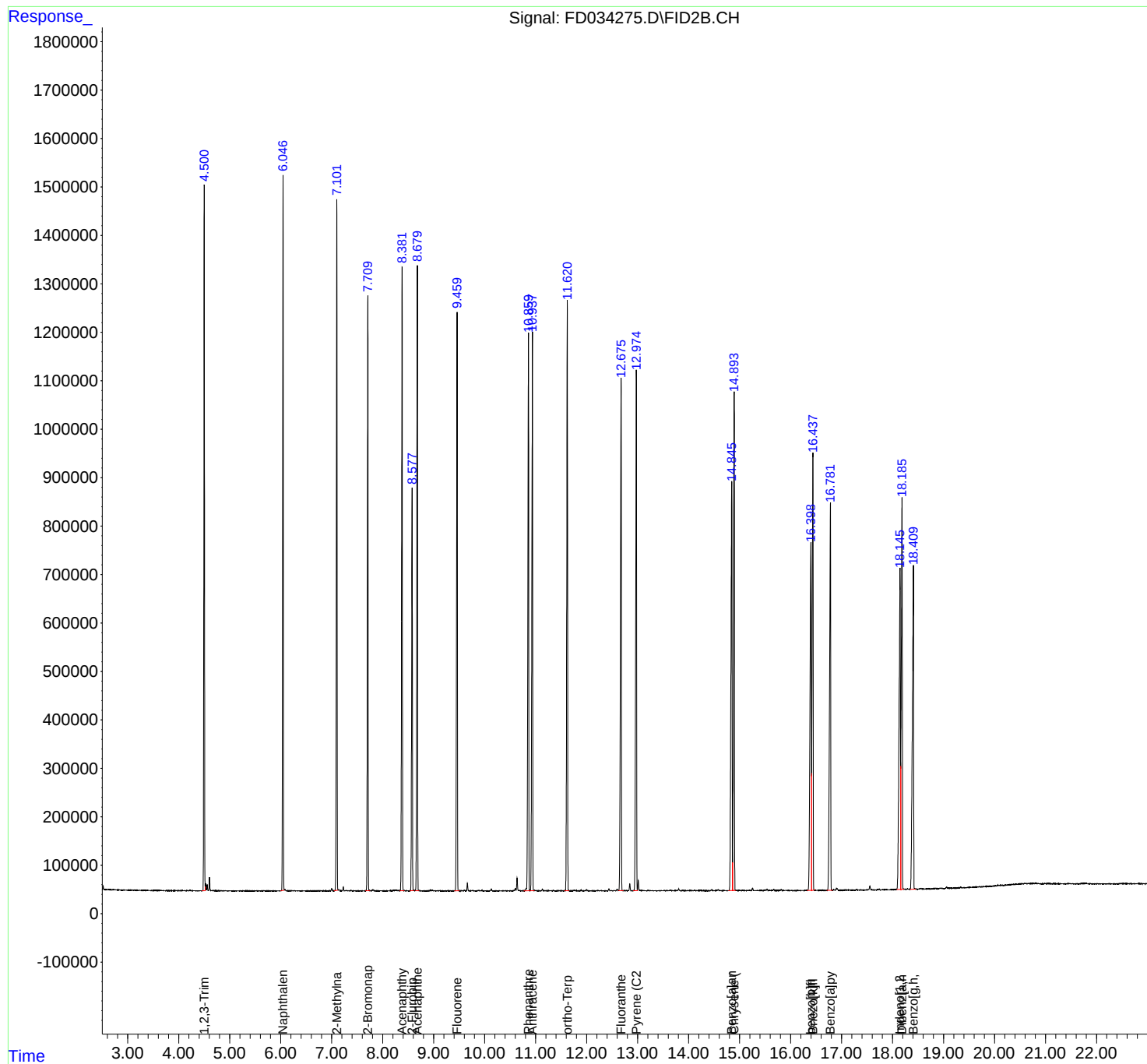
(f)=RT Delta > 1/2 Window

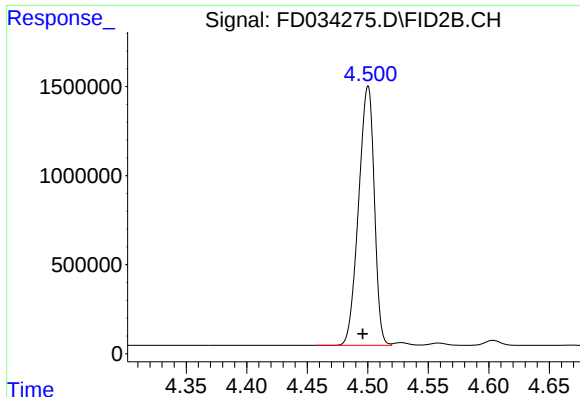
(m)=manual int.

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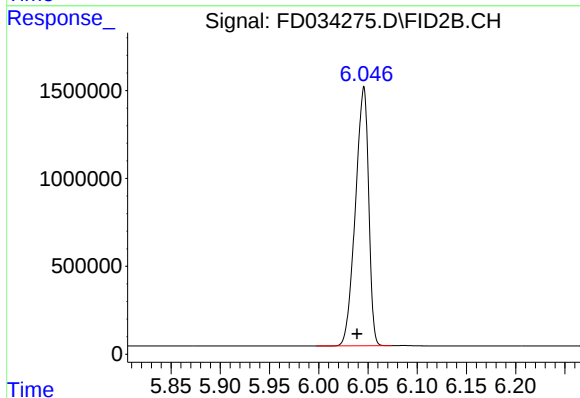
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





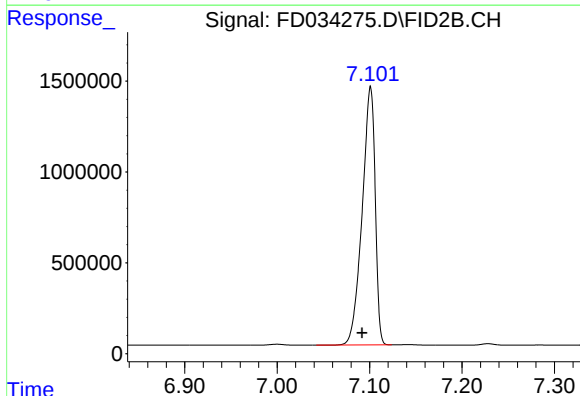
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.500 min
Delta R.T.: 0.004 min
Response: 13170488
Conc: 100.77 ug/ml



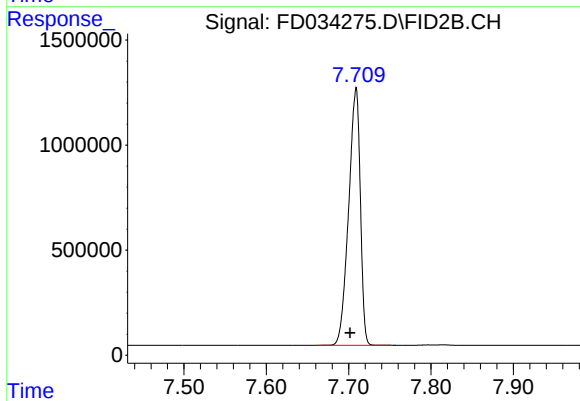
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.007 min
Response: 13781568
Conc: 99.59 ug/ml



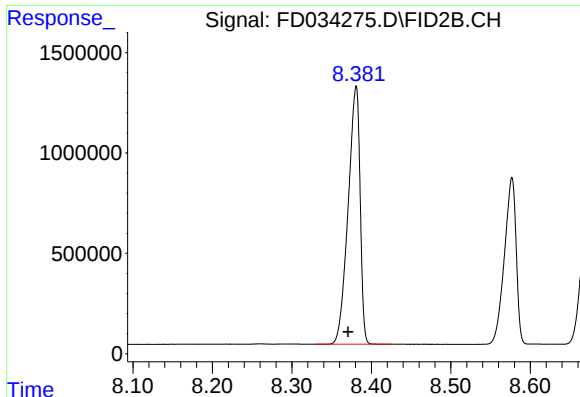
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: 0.009 min
Response: 13900287
Conc: 99.59 ug/ml



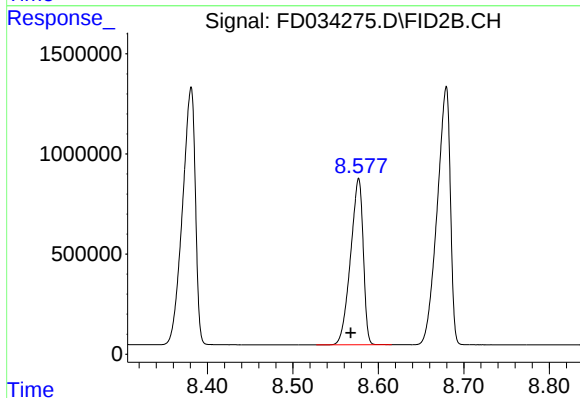
#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: 0.007 min
Response: 12046615
Conc: 99.60 ug/ml



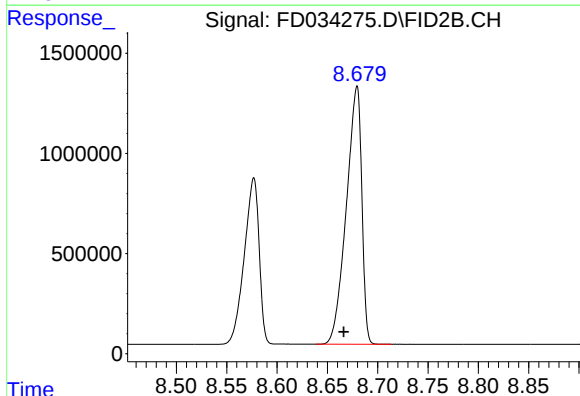
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.010 min
Response: 13452072
Conc: 98.55 ug/ml



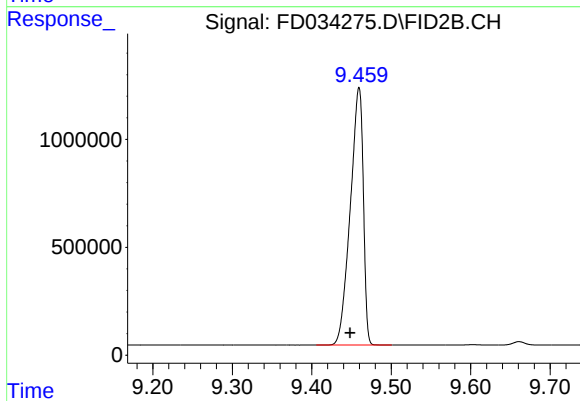
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.577 min
Delta R.T.: 0.009 min
Response: 8527044
Conc: 99.29 ug/ml



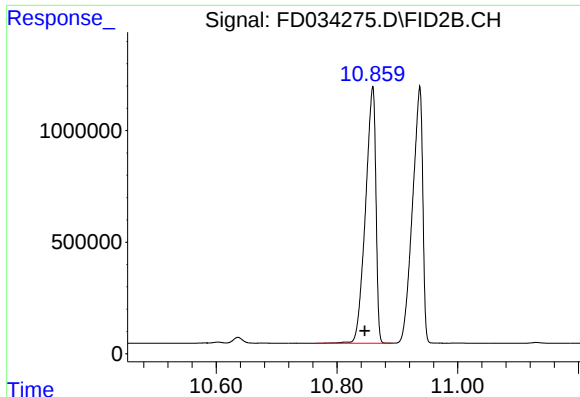
#7 Acenaphthene (C15.5)

R.T.: 8.679 min
Delta R.T.: 0.013 min
Response: 13765529
Conc: 99.03 ug/ml



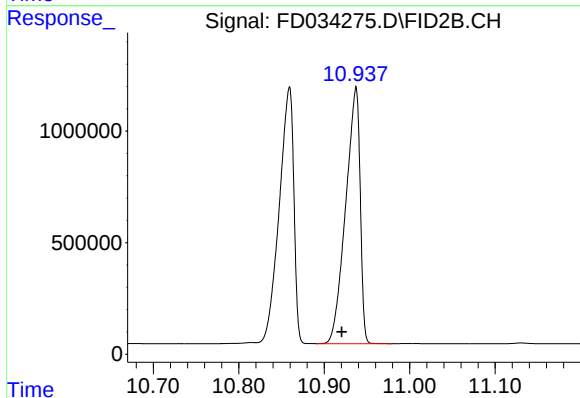
#8 Flouorene (C16.55)

R.T.: 9.459 min
Delta R.T.: 0.011 min
Response: 13574869
Conc: 98.70 ug/ml



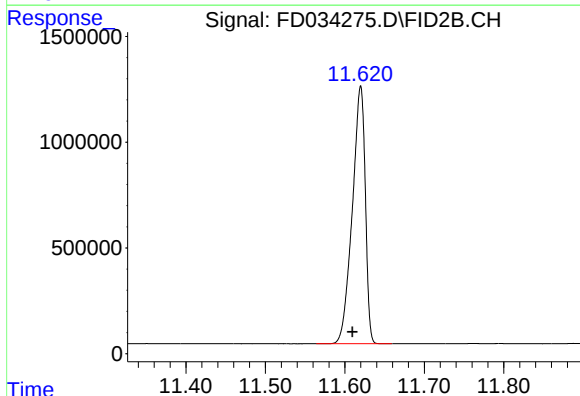
#9 Phenanthrene (C19.36)

R.T.: 10.859 min
Delta R.T.: 0.013 min
Response: 13701038
Conc: 98.66 ug/ml



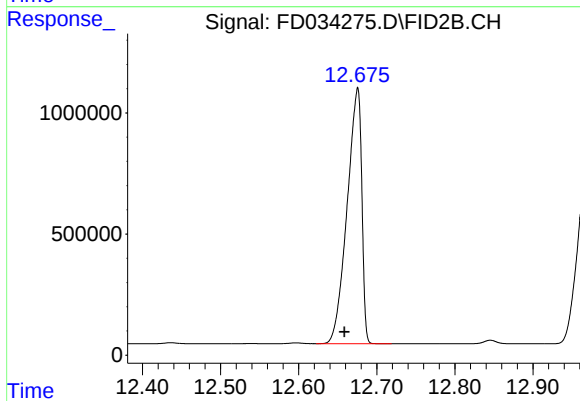
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: 0.016 min
Response: 13523451
Conc: 98.45 ug/ml



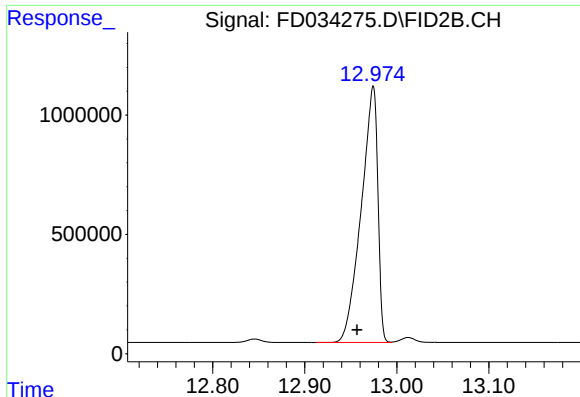
#11 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: 0.010 min
Response: 13816517
Conc: 98.40 ug/ml



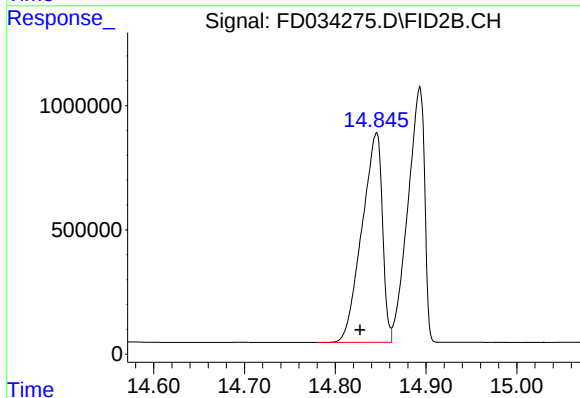
#12 Fluoranthene (C21.85)

R.T.: 12.675 min
Delta R.T.: 0.017 min
Response: 13748041
Conc: 97.81 ug/ml



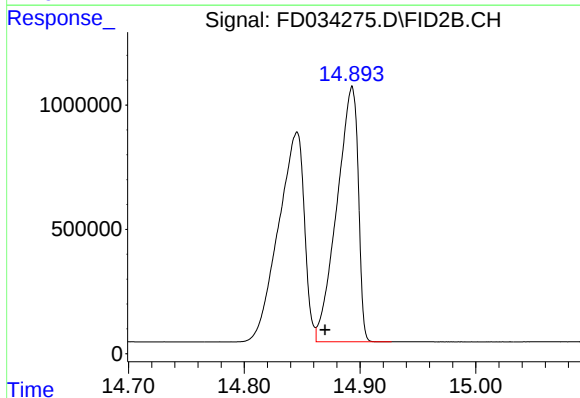
#13 Pyrene (C20.8)

R.T.: 12.974 min
Delta R.T.: 0.018 min
Response: 13449269
Conc: 97.77 ug/ml



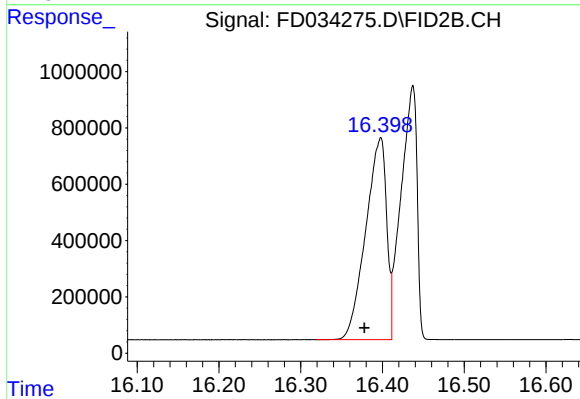
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.845 min
Delta R.T.: 0.018 min
Response: 13159208
Conc: 96.95 ug/ml



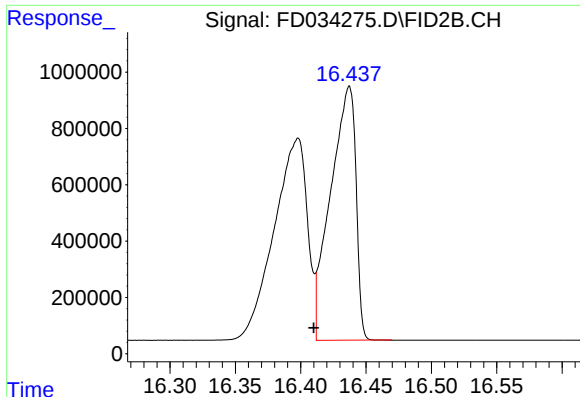
#15 Chrysene (C27.41)

R.T.: 14.893 min
Delta R.T.: 0.023 min
Response: 13107385
Conc: 96.82 ug/ml



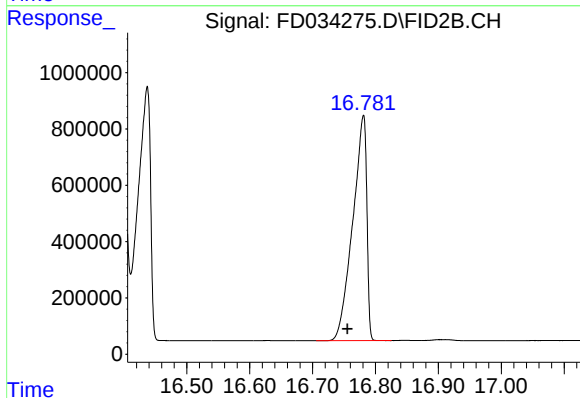
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.398 min
Delta R.T.: 0.020 min
Response: 12723194
Conc: 96.57 ug/ml



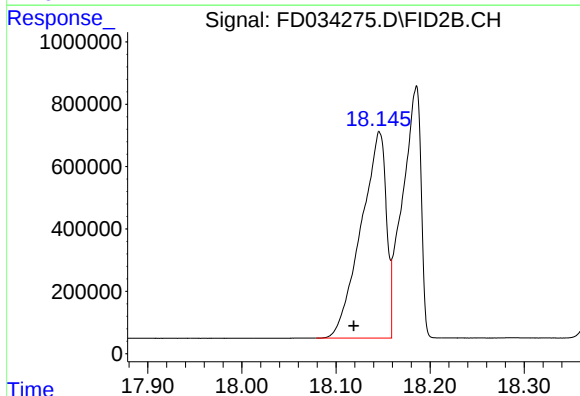
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.437 min
Delta R.T.: 0.027 min
Response: 12042877
Conc: 93.71 ug/ml m



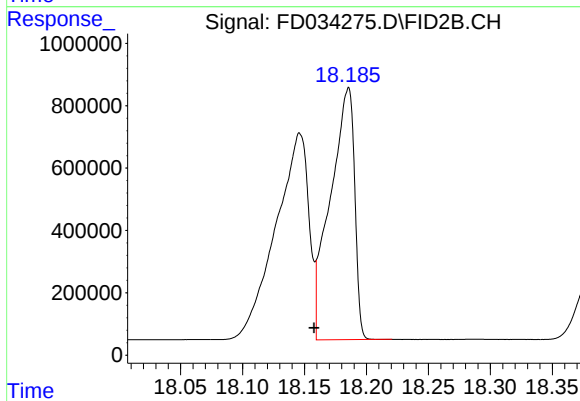
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.025 min
Response: 12388614
Conc: 95.79 ug/ml



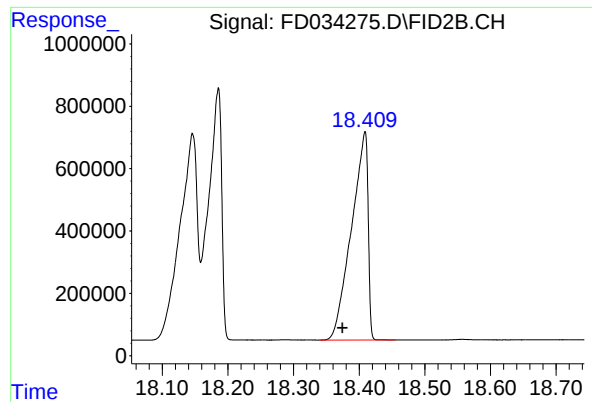
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: 0.027 min
Response: 12341612
Conc: 100.18 ug/ml



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

R.T.: 18.185 min
Delta R.T.: 0.028 min
Response: 10941989
Conc: 89.06 ug/ml m



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

R.T.: 18.409 min
Delta R.T.: 0.034 min
Response: 11699479
Conc: 95.49 ug/ml