

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 01 03:52:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 01 03:51:15 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	12047179	99.373 ug/ml
Spiked Amount 50.000		Recovery =	198.75%
6) S 2-Fluorobiphenyl (SURR)	8.577	8542777	99.469 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.94%#
11) S ortho-Terphenyl (SURR)	11.620	13816517	98.356 ug/ml
Spiked Amount 50.000		Recovery =	196.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	13170827	100.776 ug/ml
2) T Naphthalene (C11.7)	6.046	13781568	99.589 ug/ml
3) T 2-Methylnaphthalene (...)	7.101	13901340	99.599 ug/ml
5) T Acenaphthylene (C15.06)	8.381	13451931	98.505 ug/ml
7) T Acenaphthene (C15.5)	8.679	13764037	98.942 ug/ml
8) T Fluorene (C16.55)	9.459	13576536	98.646 ug/ml
9) T Phenanthrene (C19.36)	10.859	13642123	98.040 ug/ml
10) T Anthracene (C19.43)	10.937	13524020	98.051 ug/ml
12) T Fluoranthene (C21.85)	12.675	13748834	97.759 ug/ml
13) T Pyrene (C20.8)	12.974	13451212	97.782 ug/ml
14) T Benzo[a]anthracene (C...	14.845	13160432	96.947 ug/ml
15) T Chrysene (C27.41)	14.893	13110471	96.791 ug/ml
16) T benzo[b]fluoranthene ...	16.398	12726310	96.541 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	12726310	98.982 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	12387872	95.746 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	12341612	100.157 ug/ml
20) T Dibenz[a,h]anthracene...	18.146	12341612	100.371 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	11700556	95.326 ug/ml

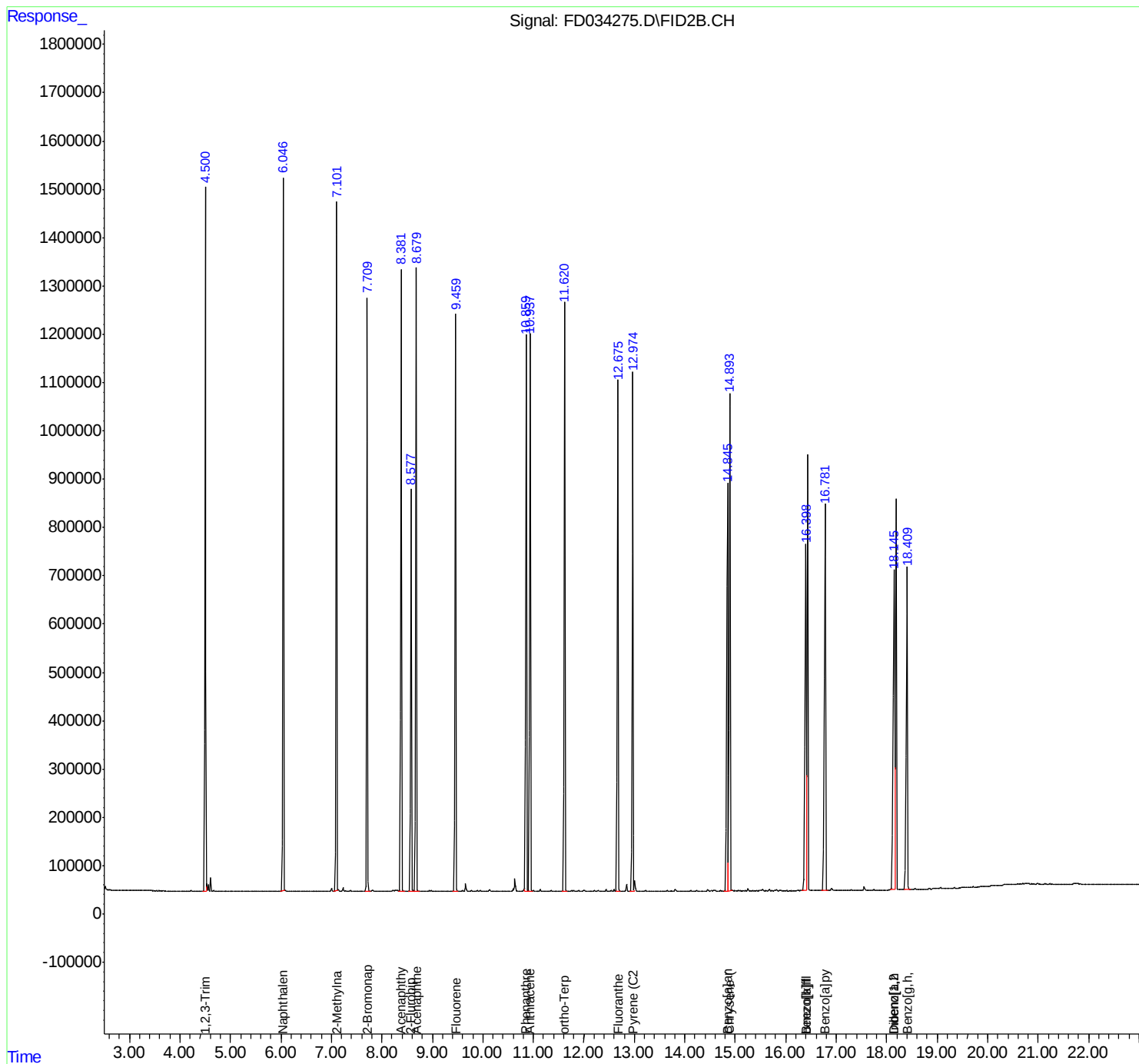
(f)=RT Delta > 1/2 Window

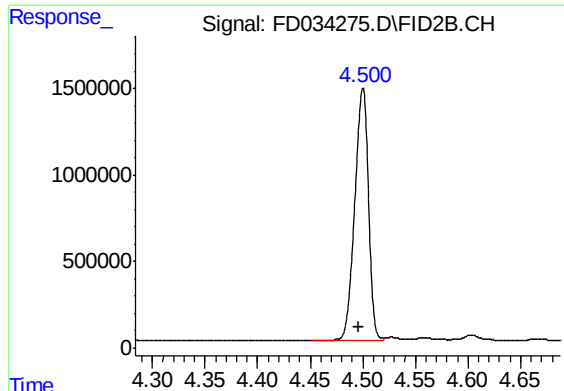
(m)=manual int.

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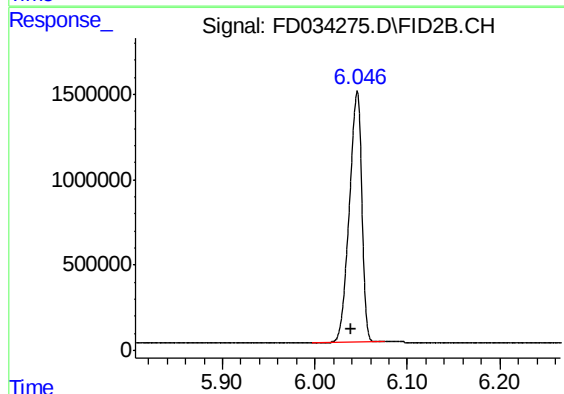
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





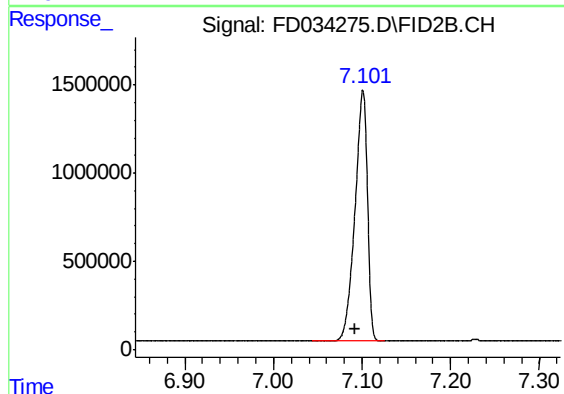
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.500 min
Delta R.T.: 0.004 min
Response: 13170827
Conc: 100.78 ug/ml



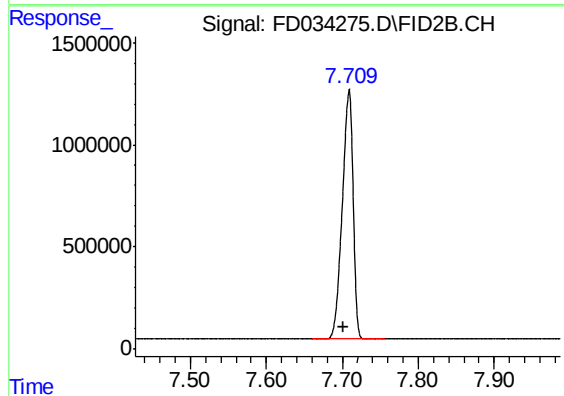
#2 Naphthalene (C11.7)

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



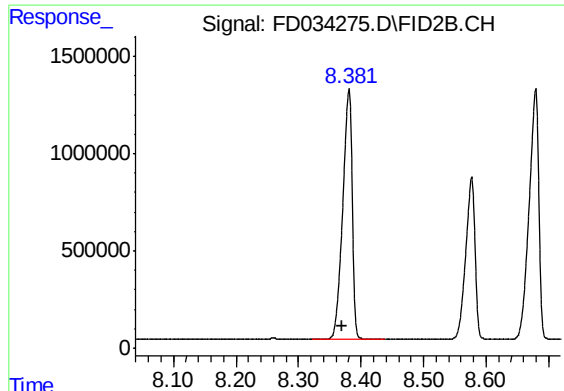
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: 0.009 min
Response: 13901340
Conc: 99.60 ug/ml



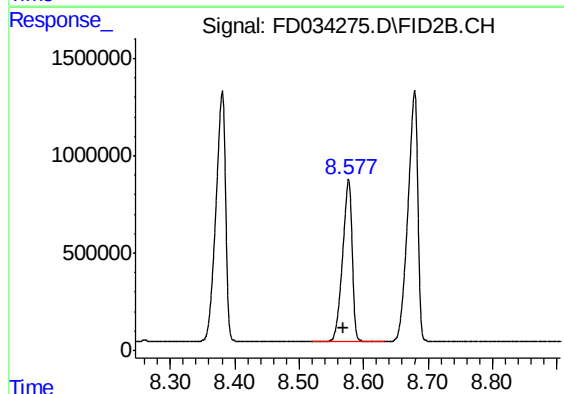
#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: 0.007 min
Response: 12047179
Conc: 99.37 ug/ml



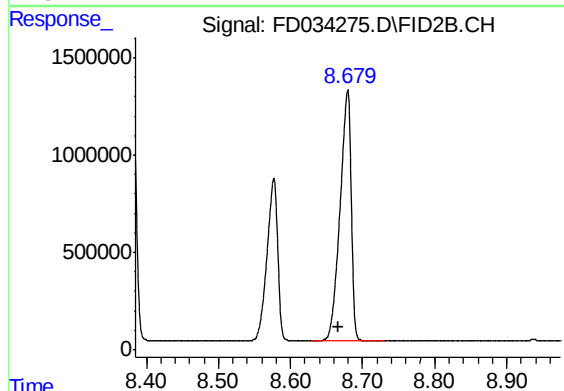
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.010 min
Response: 13451931
Conc: 98.50 ug/ml



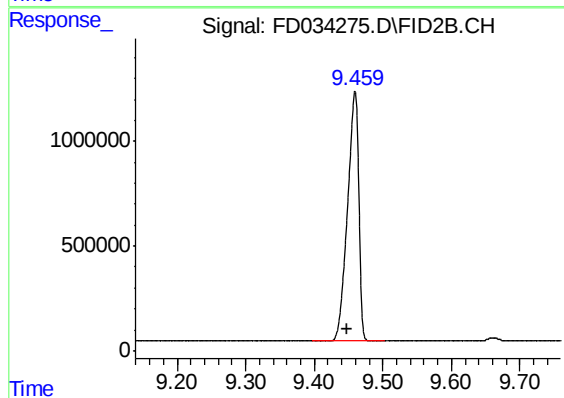
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.577 min
Delta R.T.: 0.009 min
Response: 8542777
Conc: 99.47 ug/ml



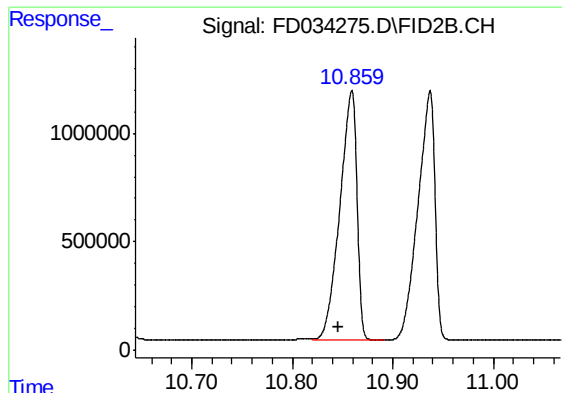
#7 Acenaphthene (C15.5)

R.T.: 8.679 min
Delta R.T.: 0.013 min
Response: 13764037
Conc: 98.94 ug/ml



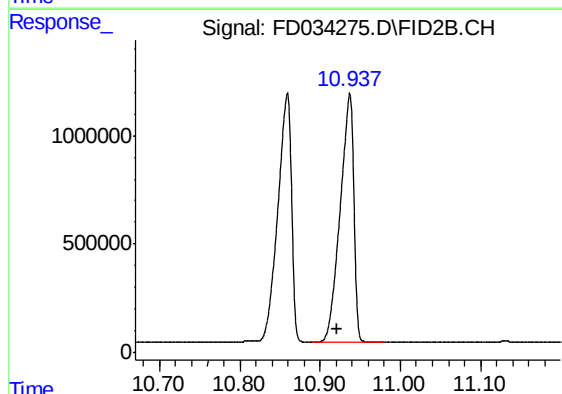
#8 Flouorene (C16.55)

R.T.: 9.459 min
Delta R.T.: 0.011 min
Response: 13576536
Conc: 98.65 ug/ml



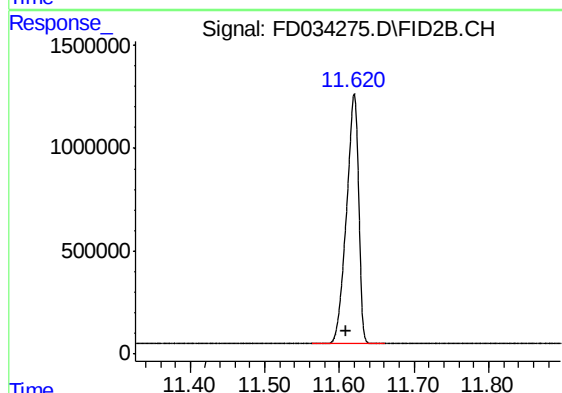
#9 Phenanthrene (C19.36)

R.T.: 10.859 min
Delta R.T.: 0.013 min
Response: 13642123
Conc: 98.04 ug/ml



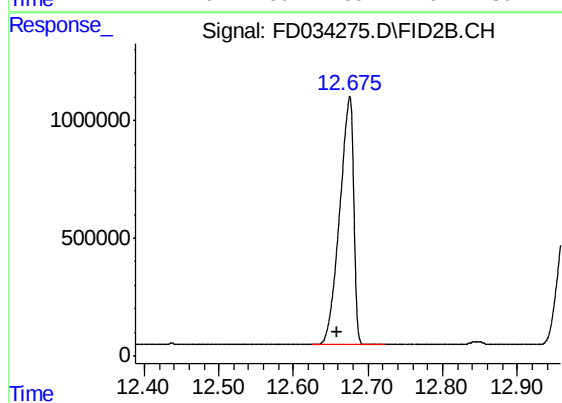
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: 0.016 min
Response: 13524020
Conc: 98.05 ug/ml



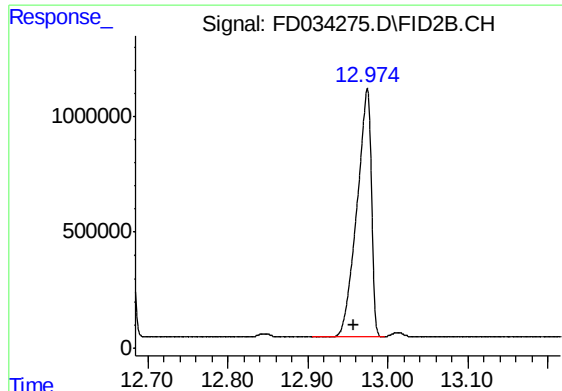
#11 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: 0.010 min
Response: 13816517
Conc: 98.36 ug/ml



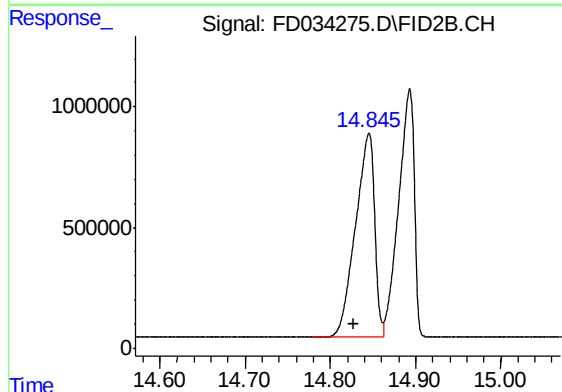
#12 Fluoranthene (C21.85)

R.T.: 12.675 min
Delta R.T.: 0.017 min
Response: 13748834
Conc: 97.76 ug/ml



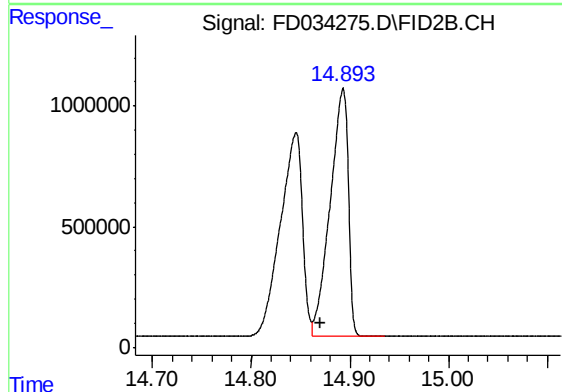
#13 Pyrene (C20.8)

R.T.: 12.974 min
Delta R.T.: 0.018 min
Response: 13451212
Conc: 97.78 ug/ml



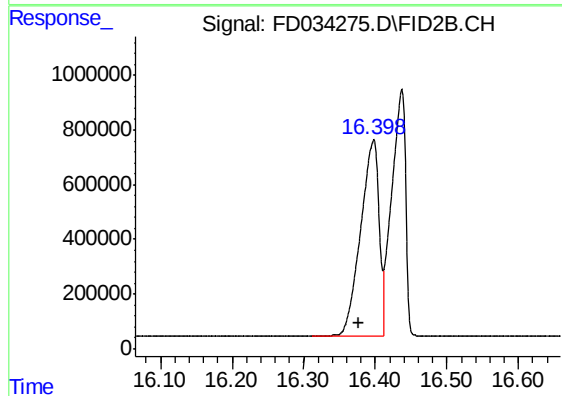
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.845 min
Delta R.T.: 0.018 min
Response: 13160432
Conc: 96.95 ug/ml



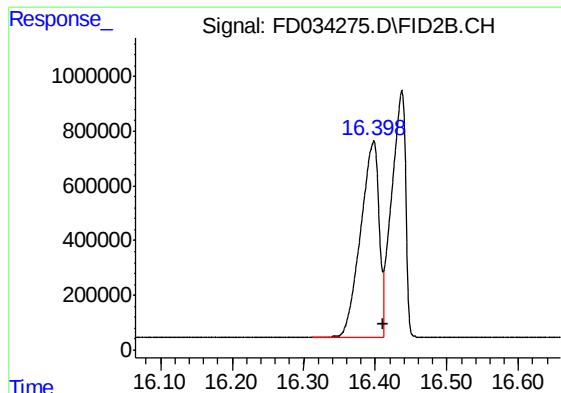
#15 Chrysene (C27.41)

R.T.: 14.893 min
Delta R.T.: 0.023 min
Response: 13110471
Conc: 96.79 ug/ml



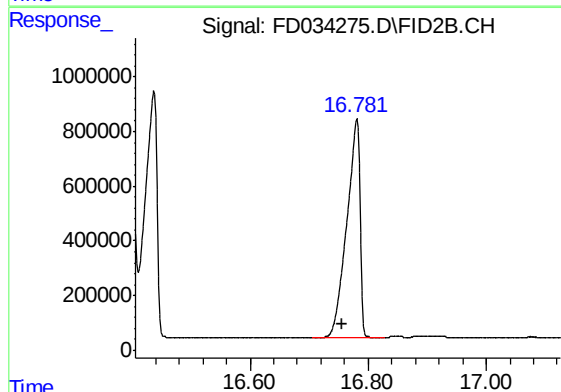
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.398 min
Delta R.T.: 0.020 min
Response: 12726310
Conc: 96.54 ug/ml



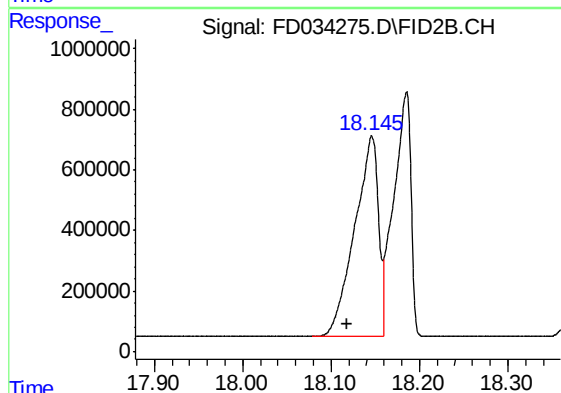
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.398 min
Delta R.T.: -0.012 min
Response: 12726310
Conc: 98.98 ug/ml



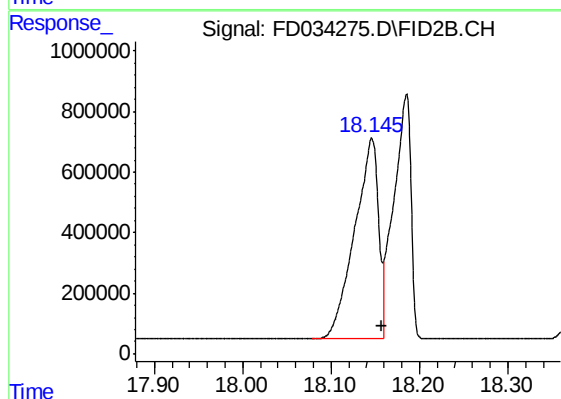
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.025 min
Response: 12387872
Conc: 95.75 ug/ml



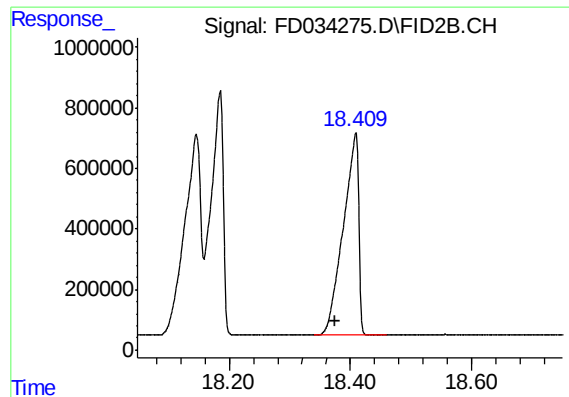
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: 0.027 min
Response: 12341612
Conc: 100.16 ug/ml



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

R.T.: 18.146 min
Delta R.T.: -0.011 min
Response: 12341612
Conc: 100.37 ug/ml



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

R.T.: 18.409 min
Delta R.T.: 0.034 min
Response: 11700556
Conc: 95.33 ug/ml