

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110519AR\
 Data File : FD031343.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2019 21:50
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 02:52:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 02:50:56 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...	7.648	11859214	97.703 ug/ml
Spiked Amount 50.000		Recovery =	195.41%
6) S 2-Fluorobiphenyl (SURR)	8.510	8224062	97.853 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.71%#
11) S ortho-Terphenyl (SURR)	11.551	12577551	96.594 ug/ml
Spiked Amount 50.000		Recovery =	193.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.447	12114697	98.383 ug/ml
2) T Naphthalene (C11.7)	5.987	12985908	98.054 ug/ml
3) T 2-Methylnaphthalene (...)	7.039	12951545	98.056 ug/ml
5) T Acenaphthylene (C15.06)	8.314	12531830	97.575 ug/ml
7) T Acenaphthene (C15.5)	8.612	13041096	97.617 ug/ml
8) T Fluorene (C16.55)	9.390	12962844	97.230 ug/ml
9) T Phenanthrene (C19.36)	10.786	12957501	96.254 ug/ml
10) T Anthracene (C19.43)	10.863	12614349	95.966 ug/ml
12) T Fluoranthene (C21.85)	12.598	12949973	96.176 ug/ml
13) T Pyrene (C20.8)	12.896	12869067	96.061 ug/ml
14) T Benzo[a]anthracene (C...	14.765	12298243	95.090 ug/ml
15) T Chrysene (C27.41)	14.813	12298467	95.249 ug/mlm
16) T benzo[b]fluoranthene ...	16.314	12224370	95.199 ug/ml
17) T Bnezo[k]fluoranthene ...	16.355	12020871	93.939 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.697	12023396	94.631 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	12177655	98.629 ug/ml
20) T Dibenz[a,h]anthracene...	18.102	11076667	87.960 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.323	11713957	94.886 ug/ml

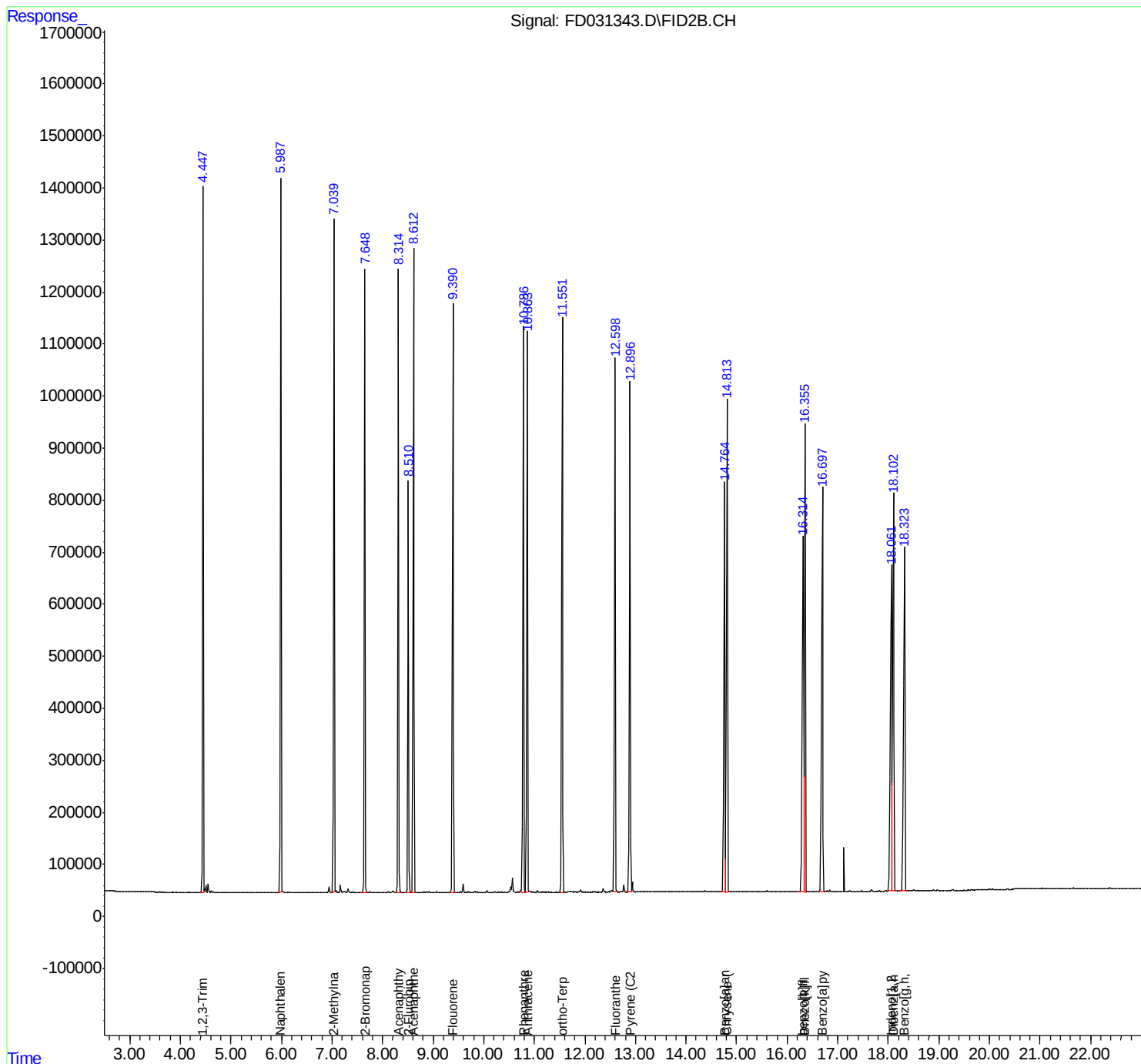
(f)=RT Delta > 1/2 Window

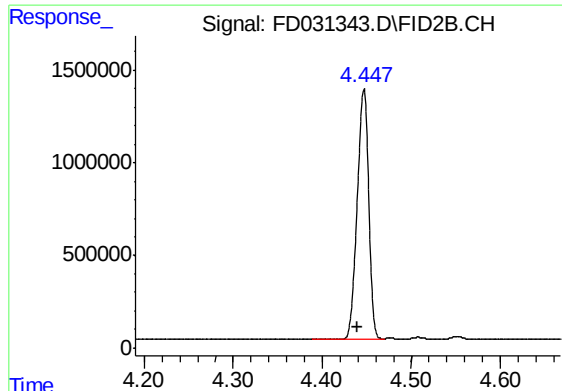
(m)=manual int.

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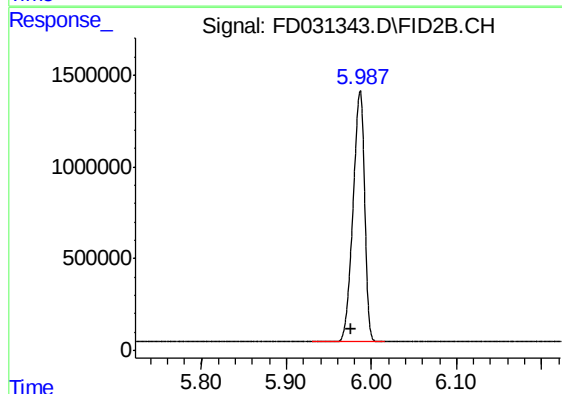
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





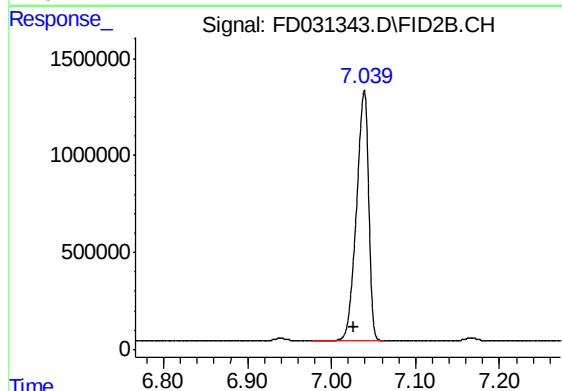
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.447 min
Delta R.T.: 0.008 min
Response: 12114697
Conc: 98.38 ug/ml



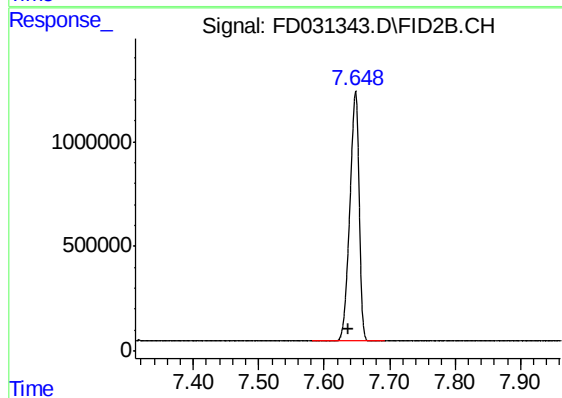
#2 Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: 0.010 min
Response: 12985908
Conc: 98.05 ug/ml



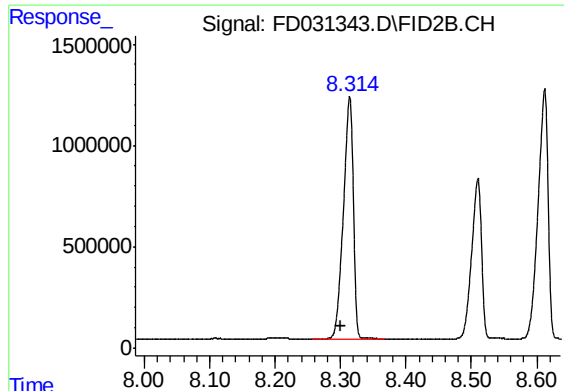
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.012 min
Response: 12951545
Conc: 98.06 ug/ml



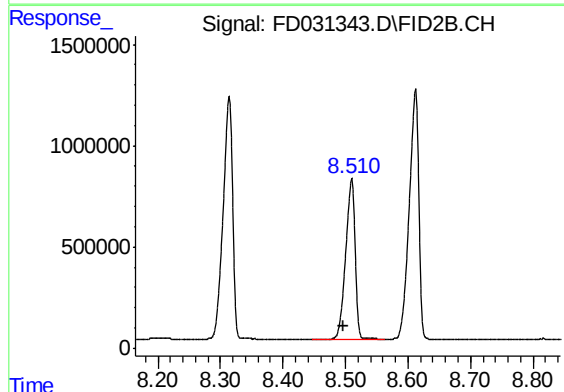
#4 2-Bromonaphthalene (SURR)

R.T.: 7.648 min
Delta R.T.: 0.010 min
Response: 11859214
Conc: 97.70 ug/ml



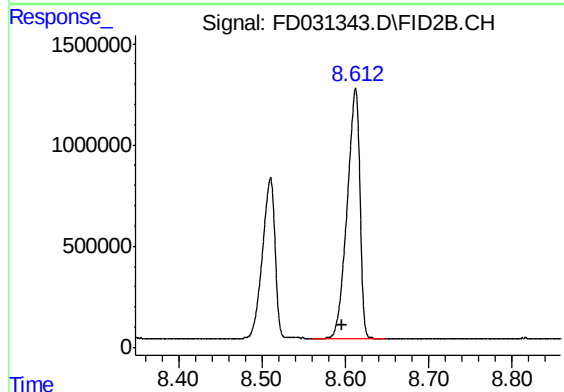
#5 Acenaphthylene (C15.06)

R.T.: 8.314 min
Delta R.T.: 0.013 min
Response: 12531830
Conc: 97.57 ug/ml



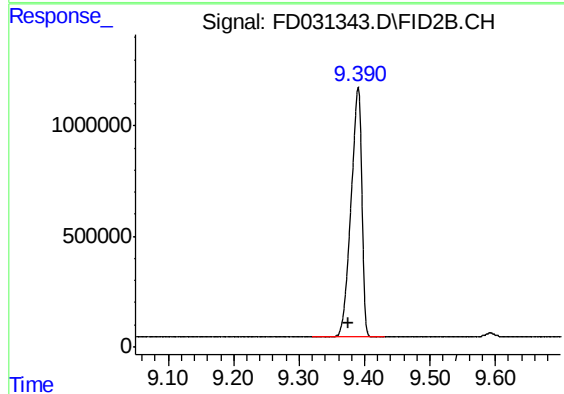
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min
Delta R.T.: 0.013 min
Response: 8224062
Conc: 97.85 ug/ml



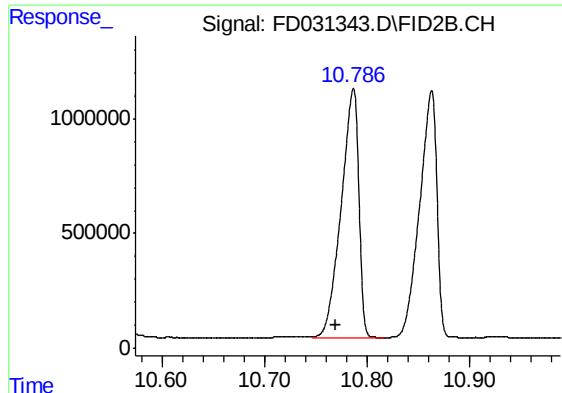
#7 Acenaphthene (C15.5)

R.T.: 8.612 min
Delta R.T.: 0.015 min
Response: 13041096
Conc: 97.62 ug/ml



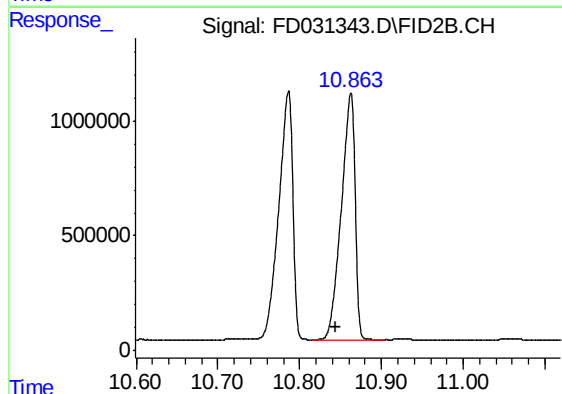
#8 Flouorene (C16.55)

R.T.: 9.390 min
Delta R.T.: 0.015 min
Response: 12962844
Conc: 97.23 ug/ml



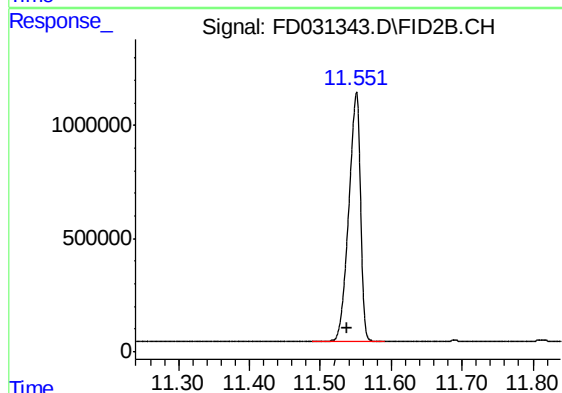
#9 Phenanthrene (C19.36)

R.T.: 10.786 min
Delta R.T.: 0.017 min
Response: 12957501
Conc: 96.25 ug/ml



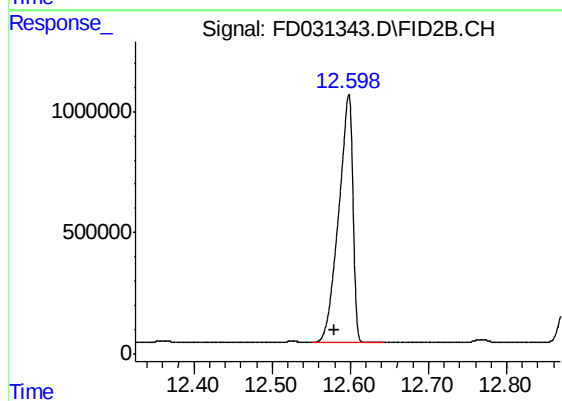
#10 Anthracene (C19.43)

R.T.: 10.863 min
Delta R.T.: 0.019 min
Response: 12614349
Conc: 95.97 ug/ml



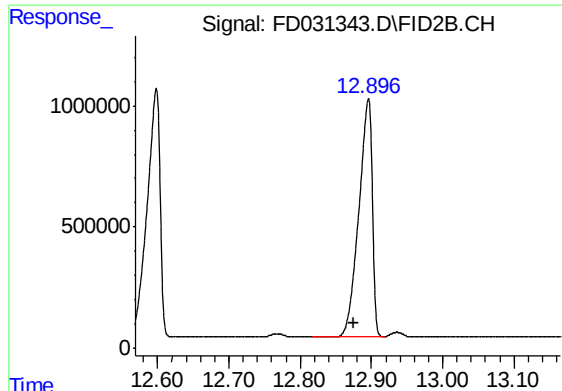
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.013 min
Response: 12577551
Conc: 96.59 ug/ml



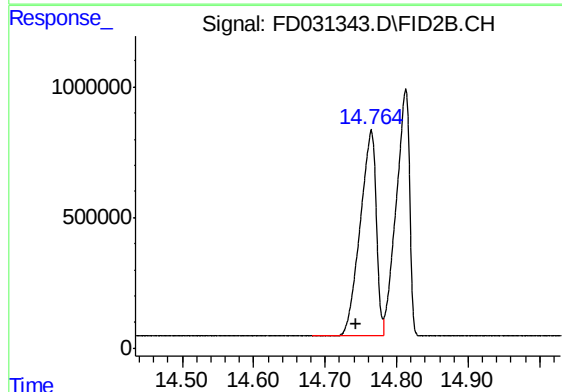
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: 0.019 min
Response: 12949973
Conc: 96.18 ug/ml



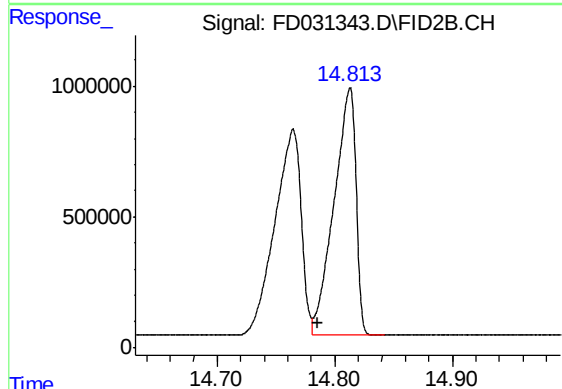
#13 Pyrene (C20.8)

R.T.: 12.896 min
Delta R.T.: 0.021 min
Response: 12869067
Conc: 96.06 ug/ml



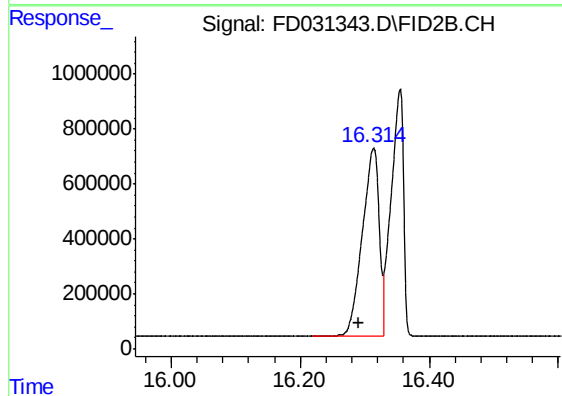
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.021 min
Response: 12298243
Conc: 95.09 ug/ml



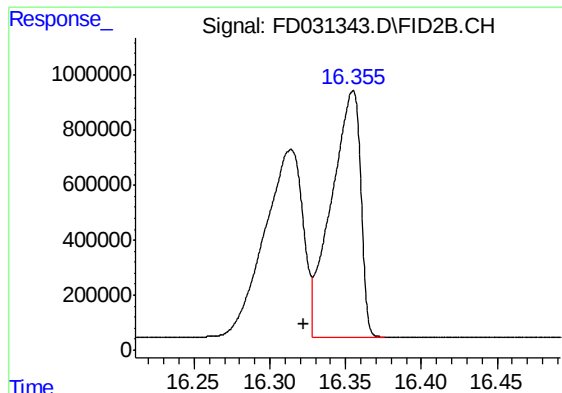
#15 Chrysene (C27.41)

R.T.: 14.813 min
Delta R.T.: 0.027 min
Response: 12298467
Conc: 95.25 ug/ml m



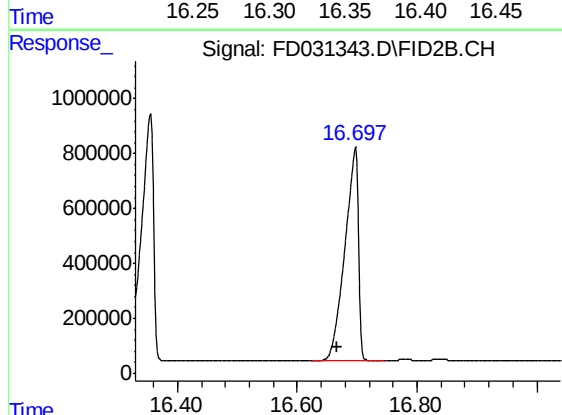
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.314 min
Delta R.T.: 0.024 min
Response: 12224370
Conc: 95.20 ug/ml



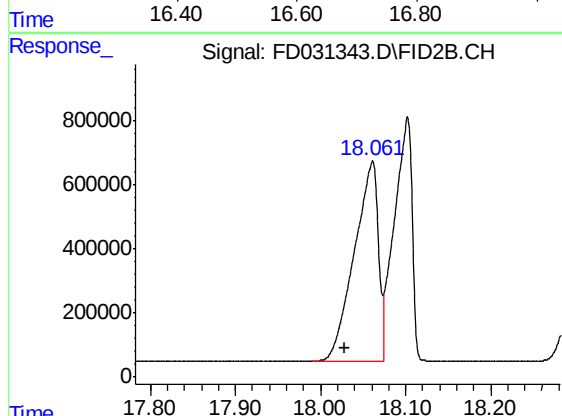
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.355 min
Delta R.T.: 0.032 min
Response: 12020871
Conc: 93.94 ug/ml m



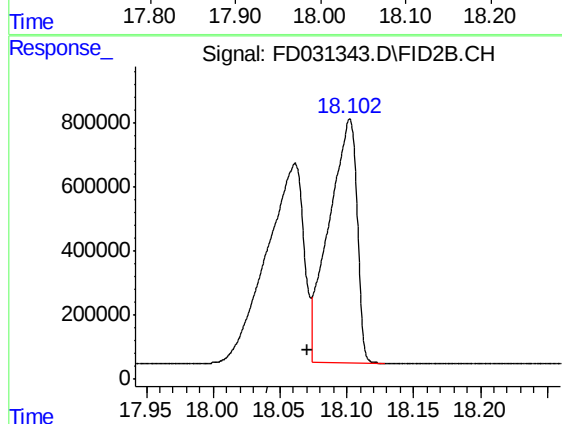
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: 0.030 min
Response: 12023396
Conc: 94.63 ug/ml



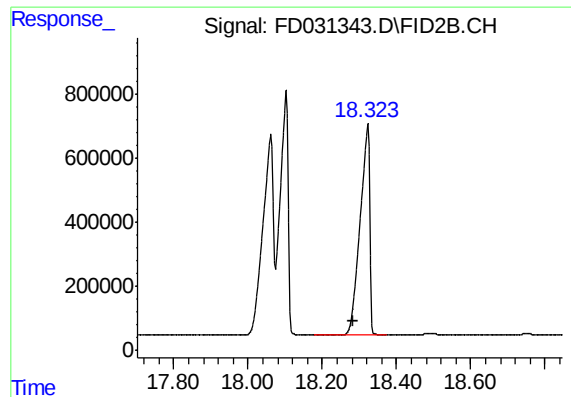
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.061 min
Delta R.T.: 0.033 min
Response: 12177655
Conc: 98.63 ug/ml



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

R.T.: 18.102 min
Delta R.T.: 0.032 min
Response: 11076667
Conc: 87.96 ug/ml m



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

R.T.: 18.323 min
Delta R.T.: 0.039 min
Response: 11713957
Conc: 94.89 ug/ml