

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AR\
 Data File : FD036315.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 5:13
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Ankita
 3/4/2021 11:03:52 AM

Integration File: autoint1.e
 Quant Time: Mar 04 06:57:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 06:56:38 2021
 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...	7.617	11999729	104.524 ug/ml
Spiked Amount 50.000		Recovery =	209.05%
6) S 2-Fluorobiphenyl (SURR)	8.481	8533571	104.523 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	209.05%#
11) S ortho-Terphenyl (SURR)	11.523	13934421	100.831 ug/ml
Spiked Amount 50.000		Recovery =	201.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.412	12703573	104.898 ug/ml
2) T Naphthalene (C11.7)	5.954	13768973	104.927 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	13900562	104.758 ug/ml
5) T Acenaphthylene (C15.06)	8.285	13551162	103.431 ug/ml
7) T Acenaphthene (C15.5)	8.583	13982911	103.381 ug/ml
8) T Fluorene (C16.55)	9.364	13767339	102.933 ug/ml
9) T Phenanthrene (C19.36)	10.761	13804288	101.922 ug/ml
10) T Anthracene (C19.43)	10.838	13472627	102.061 ug/ml
12) T Fluoranthene (C21.85)	12.575	13768313	100.620 ug/ml
13) T Pyrene (C20.8)	12.872	13588866	100.542 ug/ml
14) T Benzo[a]anthracene (C...	14.741	12627356	100.921 ug/ml
15) T Chrysene (C27.41)	14.790	12879219	100.696 ug/mlm
16) T benzo[b]fluoranthene ...	16.292	12201979	101.569 ug/ml
17) T Bnezo[k]fluoranthene ...	16.333	11671431	100.307 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.674	11034751	101.186 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	11338637	104.212 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	10572247	96.508 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.302	11022160	101.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 68 Sample Multiplier: 1

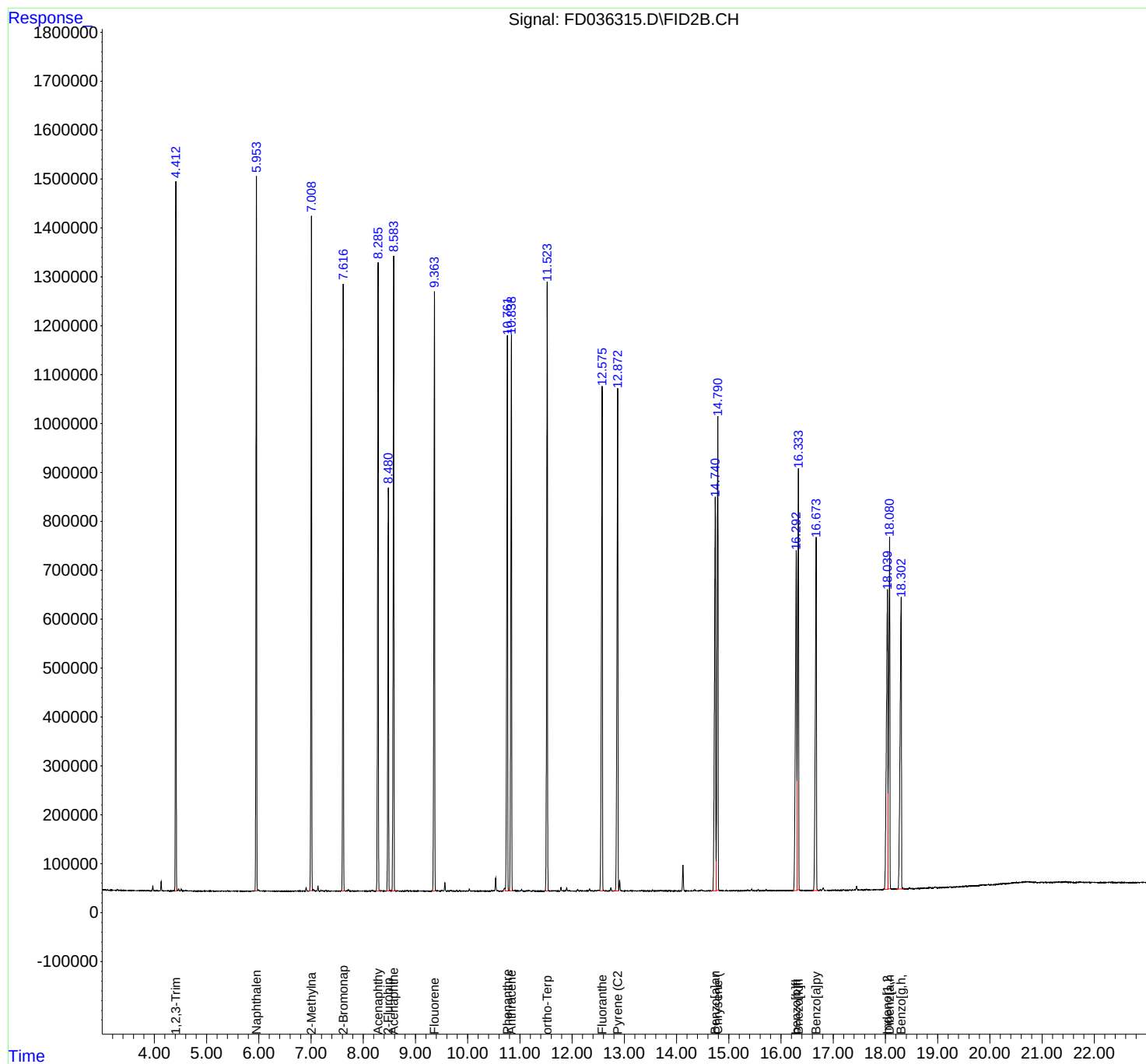
Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

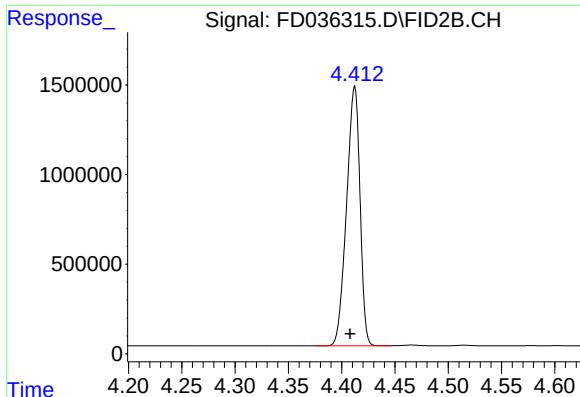
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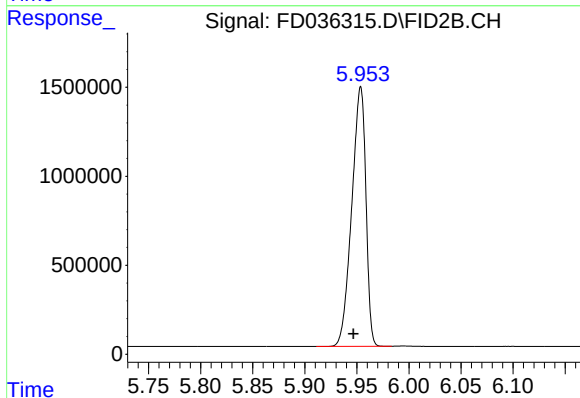
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.412 min
Delta R.T.: 0.004 min
Response: 12703573
Conc: 104.90 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

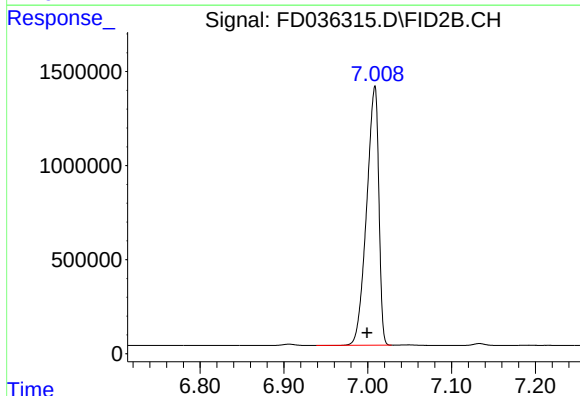
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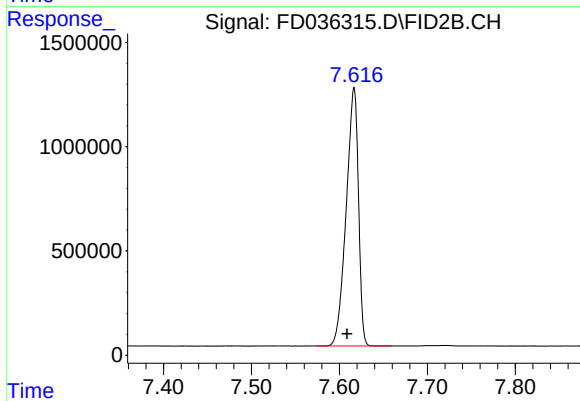
#2 Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.007 min
Response: 13768973
Conc: 104.93 ug/ml



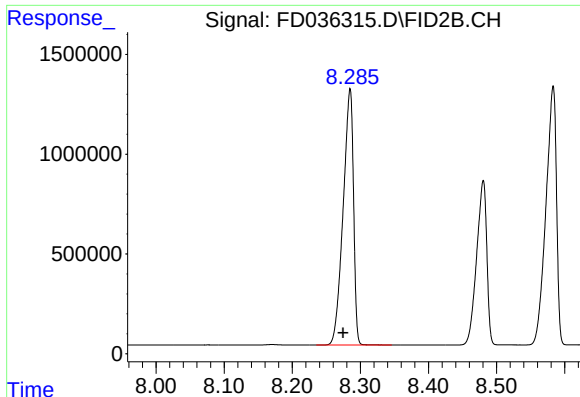
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: 0.010 min
Response: 13900562
Conc: 104.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.617 min
Delta R.T.: 0.008 min
Response: 11999729
Conc: 104.52 ug/ml



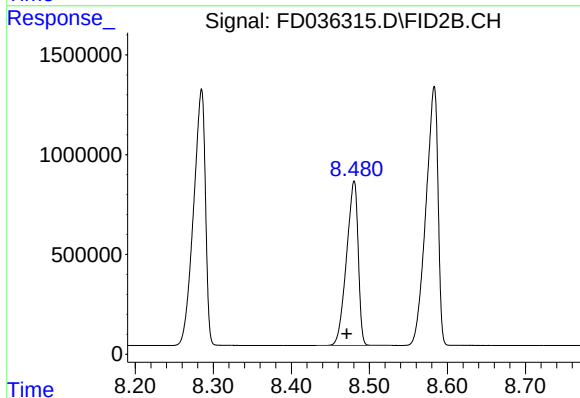
#5 Acenaphthylene (C15.06)

R.T.: 8.285 min
Delta R.T.: 0.010 min
Response: 13551162
Conc: 103.43 ug/ml

Instrument :
FID_D
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100 PPM AROMATIC HC STD1

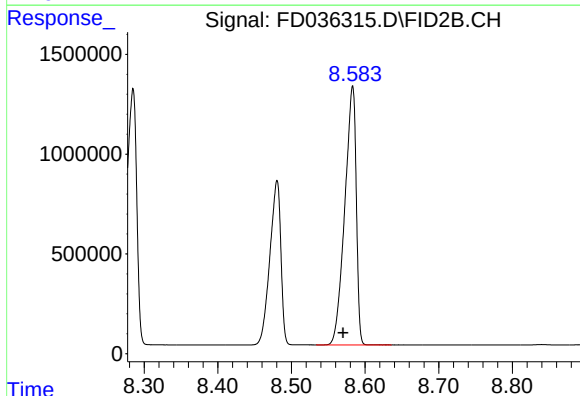
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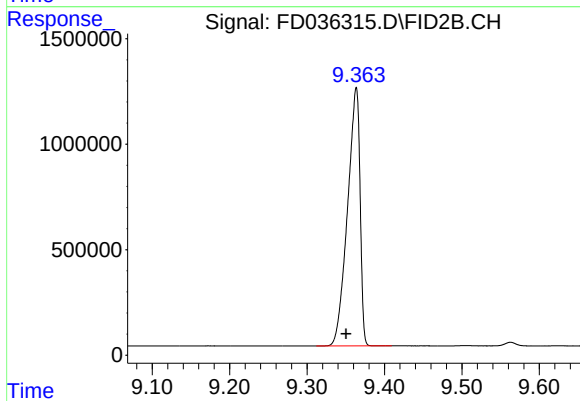
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.481 min
Delta R.T.: 0.010 min
Response: 8533571
Conc: 104.52 ug/ml



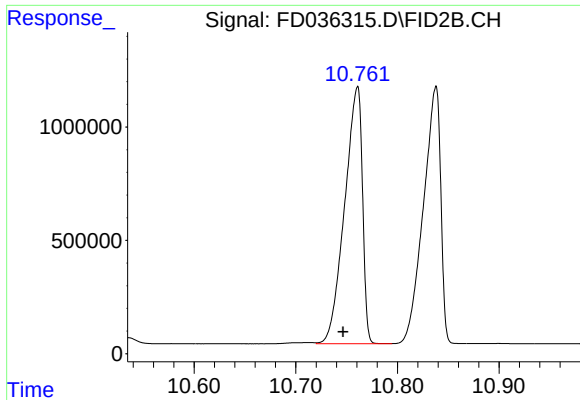
#7 Acenaphthene (C15.5)

R.T.: 8.583 min
Delta R.T.: 0.013 min
Response: 13982911
Conc: 103.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.364 min
Delta R.T.: 0.013 min
Response: 13767339
Conc: 102.93 ug/ml



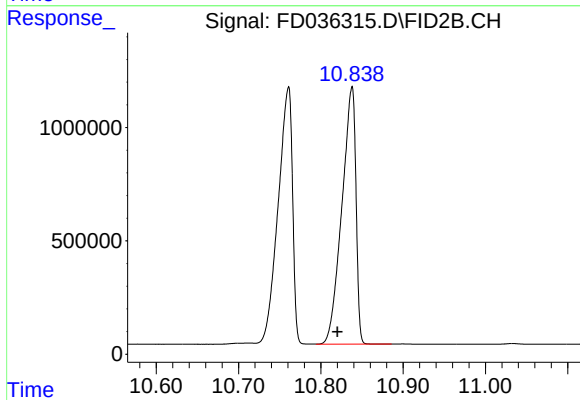
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: 0.014 min
Response: 13804288
Conc: 101.92 ug/ml

Instrument :
FID_D
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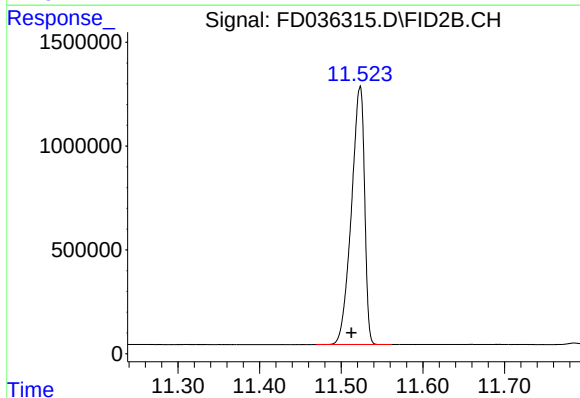
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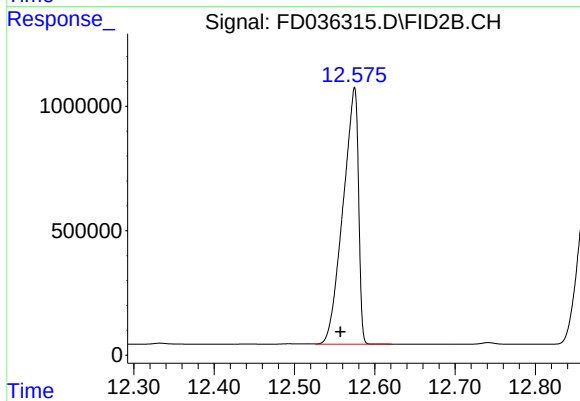
#10 Anthracene (C19.43)

R.T.: 10.838 min
Delta R.T.: 0.018 min
Response: 13472627
Conc: 102.06 ug/ml



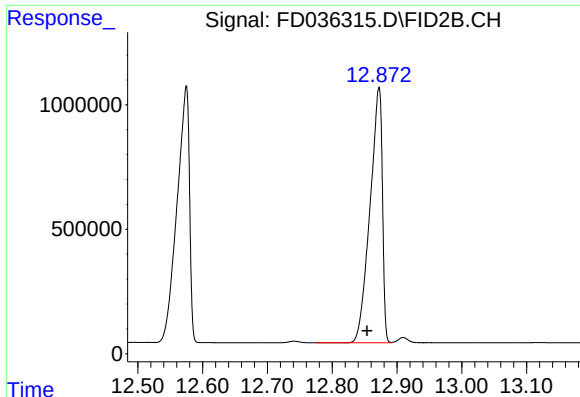
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.011 min
Response: 13934421
Conc: 100.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: 0.018 min
Response: 13768313
Conc: 100.62 ug/ml



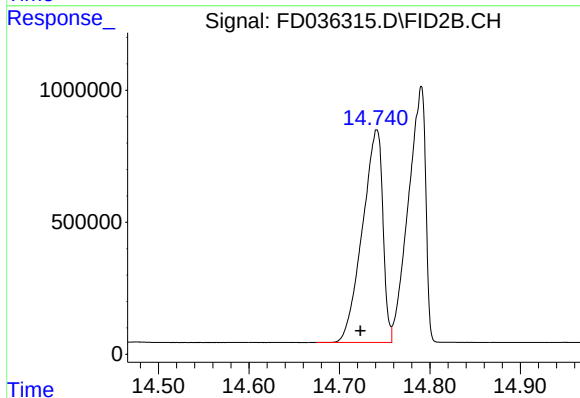
#13 Pyrene (C20.8)

R.T.: 12.872 min
Delta R.T.: 0.019 min
Response: 13588866
Conc: 100.54 ug/ml

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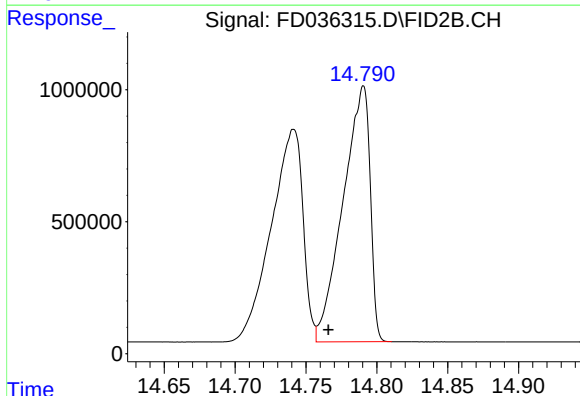
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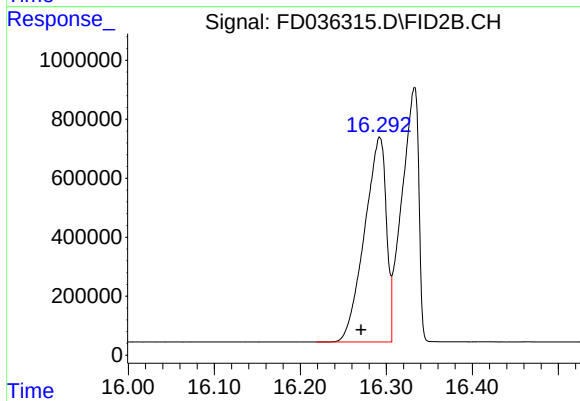
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.018 min
Response: 12627356
Conc: 100.92 ug/ml



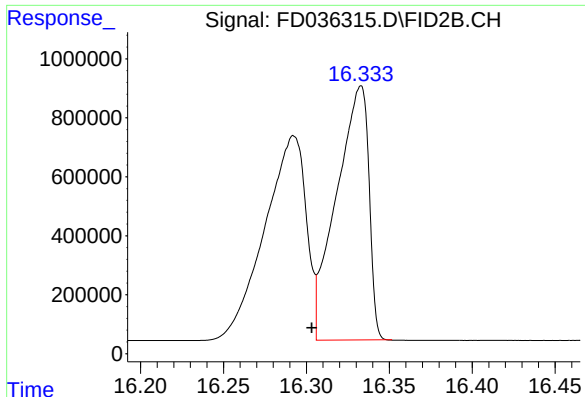
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.024 min
Response: 12879219
Conc: 100.70 ug/ml m



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

R.T.: 16.292 min
Delta R.T.: 0.022 min
Response: 12201979
Conc: 101.57 ug/ml



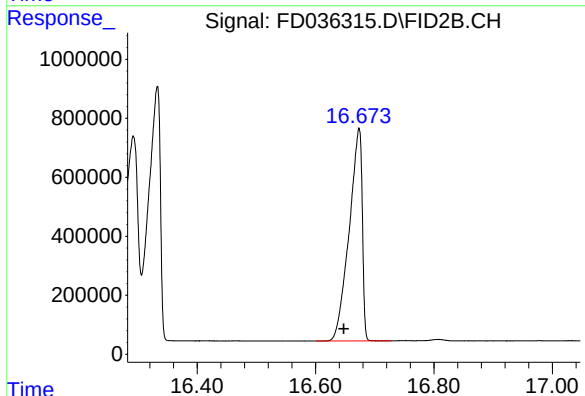
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.333 min
Delta R.T.: 0.030 min
Response: 11671431
Conc: 100.31 ug/ml m

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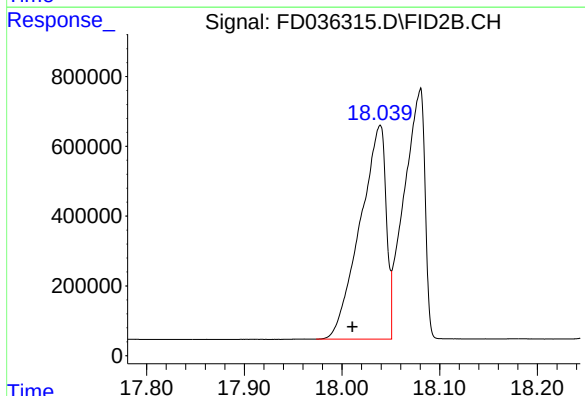
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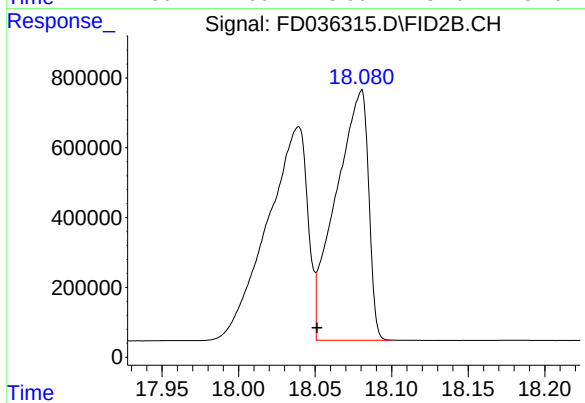
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: 0.026 min
Response: 11034751
Conc: 101.19 ug/ml



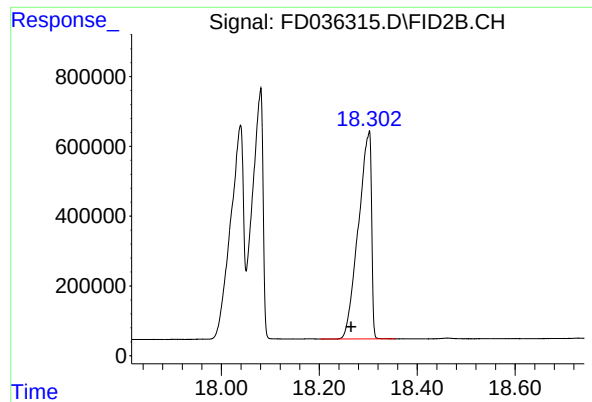
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.029 min
Response: 11338637
Conc: 104.21 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.029 min
Response: 10572247
Conc: 96.51 ug/ml m



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

R.T.: 18.302 min
Delta R.T.: 0.037 min
Response: 11022160
Conc: 101.33 ug/ml

Instrument :
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