

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051321AR\
 Data File : FD037491.D
 Signal(s) : FID2B.CH
 Acq On : 14 May 2021 2:50
 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
 5/14/2021 2:12:32 PM

Integration File: autoint1.e
 Quant Time: May 14 04:36:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 04:36:19 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...	7.565	10628031	114.315 ug/ml
Spiked Amount 50.000		Recovery =	228.63%
6) S 2-Fluorobiphenyl (SURR)	8.427	7321671	116.725 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	233.45%#
11) S ortho-Terphenyl (SURR)	11.468	12248853	111.076 ug/ml
Spiked Amount 50.000		Recovery =	222.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	10892752	112.933 ug/ml
2) T Naphthalene (C11.7)	5.903	11764552	114.136 ug/ml
3) T 2-Methylnaphthalene (...)	6.956	11828047	113.959 ug/ml
5) T Acenaphthylene (C15.06)	8.231	11535717	113.071 ug/ml
7) T Acenaphthene (C15.5)	8.529	11910862	113.084 ug/ml
8) T Fluorene (C16.55)	9.308	11765615	113.719 ug/ml
9) T Phenanthrene (C19.36)	10.704	11899913	113.189 ug/ml
10) T Anthracene (C19.43)	10.781	11760452	114.366 ug/ml
12) T Fluoranthene (C21.85)	12.516	12089951	111.808 ug/ml
13) T Pyrene (C20.8)	12.813	12002542	111.611 ug/ml
14) T Benzo[a]anthracene (C...	14.683	11593657	112.049 ug/ml
15) T Chrysene (C27.41)	14.732	11904109	110.747 ug/ml
16) T benzo[b]fluoranthene ...	16.235	11862173	112.326 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	11356904	108.943 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.617	10968803	111.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	11803068	116.852 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	10924300	105.233 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.248	11406921	110.654 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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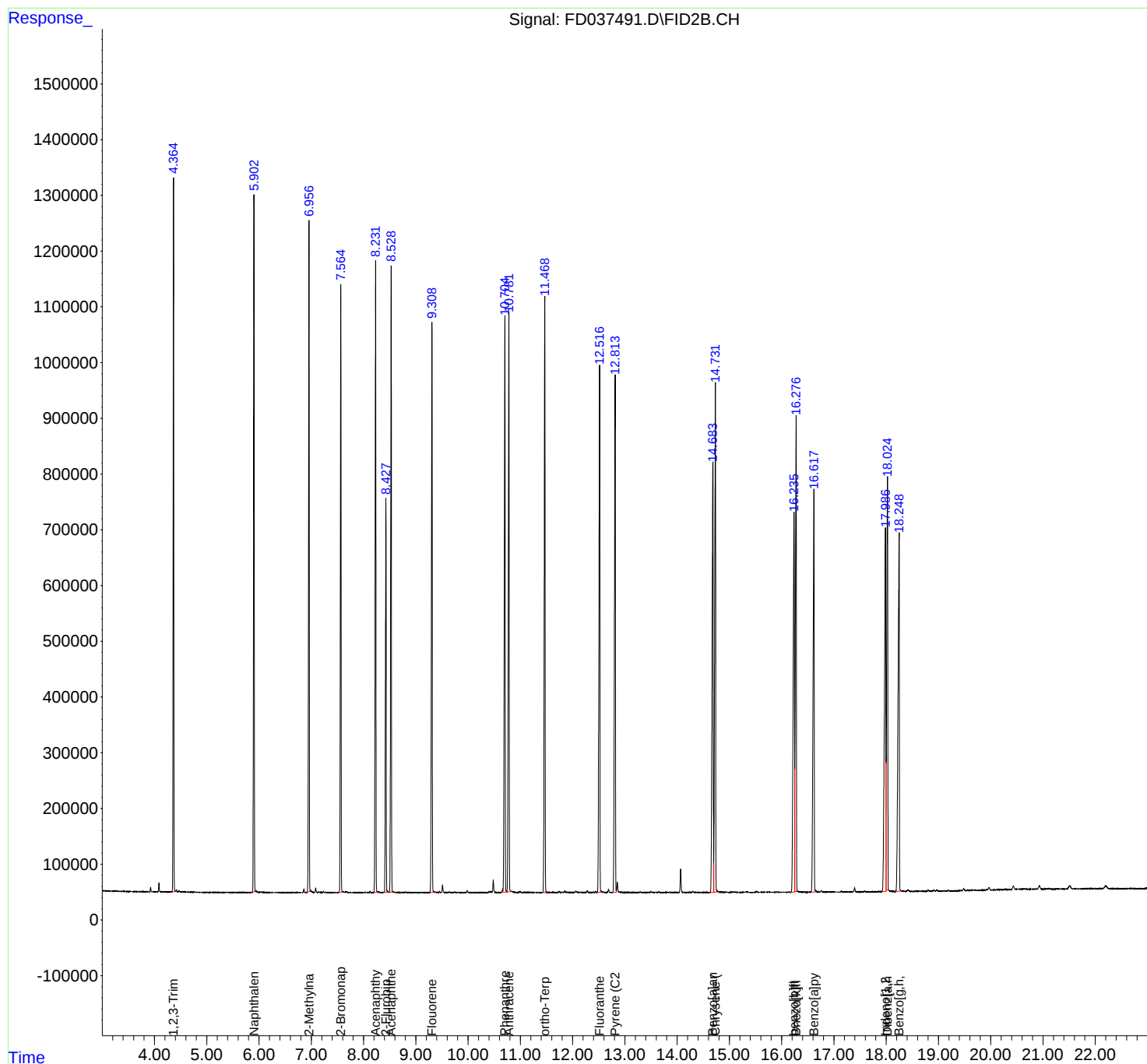
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100 PPM AROMATIC HC STD1

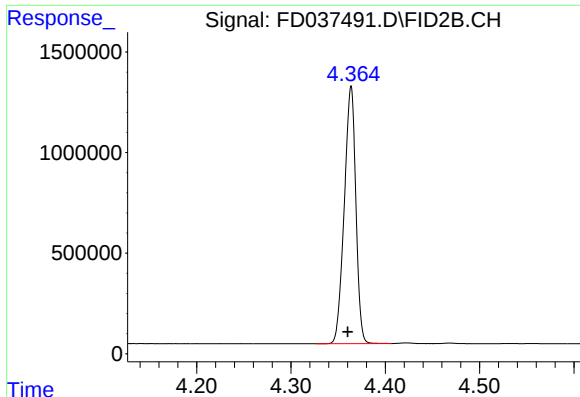
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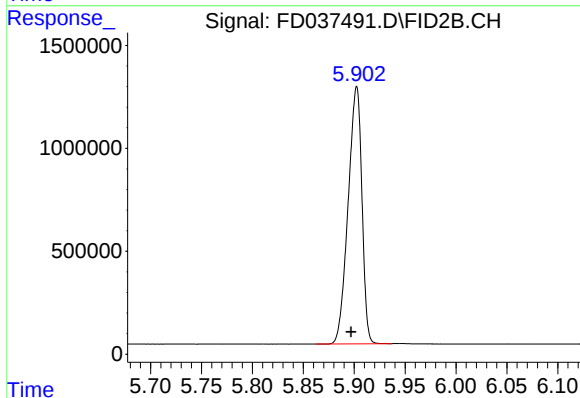
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: 0.004 min
Response: 10892752
Conc: 112.93 ug/ml

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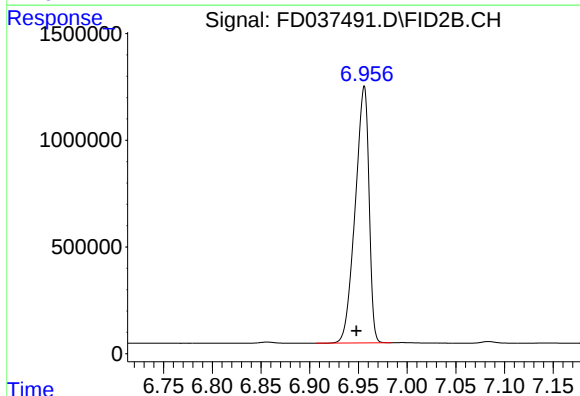
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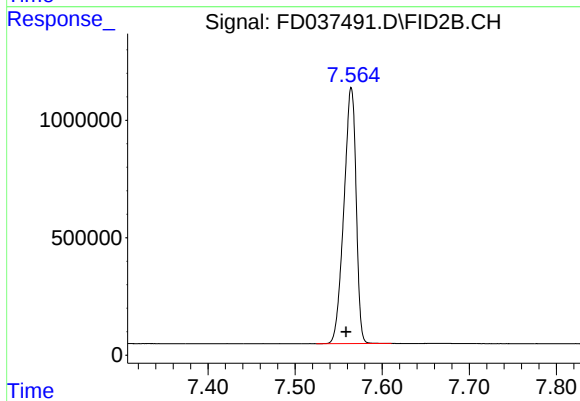
#2 Naphthalene (C11.7)

R.T.: 5.903 min
Delta R.T.: 0.006 min
Response: 11764552
Conc: 114.14 ug/ml



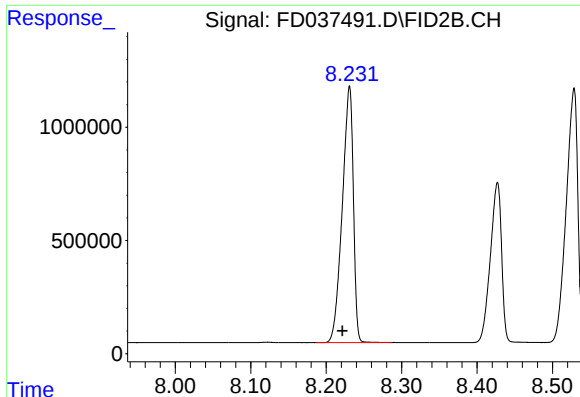
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.956 min
Delta R.T.: 0.008 min
Response: 11828047
Conc: 113.96 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.565 min
Delta R.T.: 0.006 min
Response: 10628031
Conc: 114.32 ug/ml



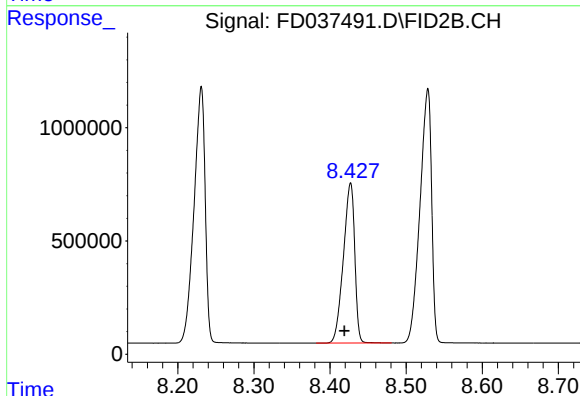
#5 Acenaphthylene (C15.06)

R.T.: 8.231 min
Delta R.T.: 0.009 min
Response: 11535717
Conc: 113.07 ug/ml

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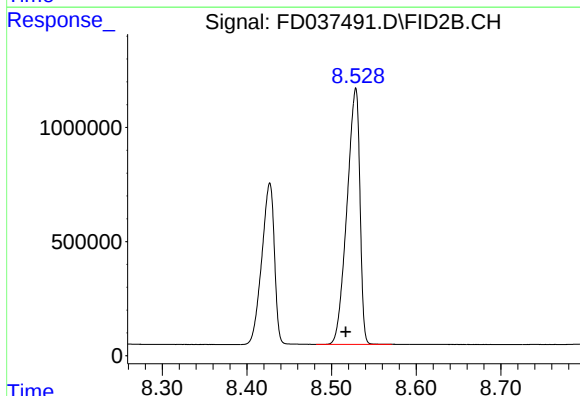
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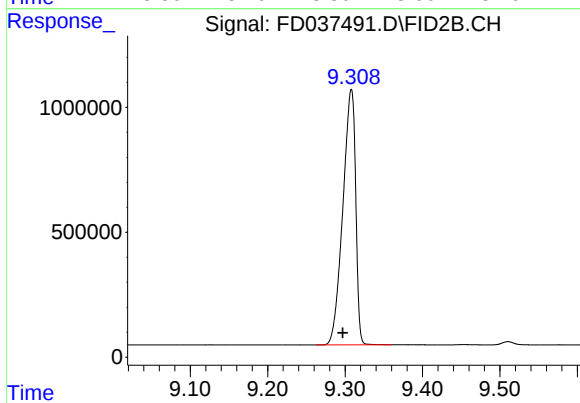
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.427 min
Delta R.T.: 0.008 min
Response: 7321671
Conc: 116.73 ug/ml



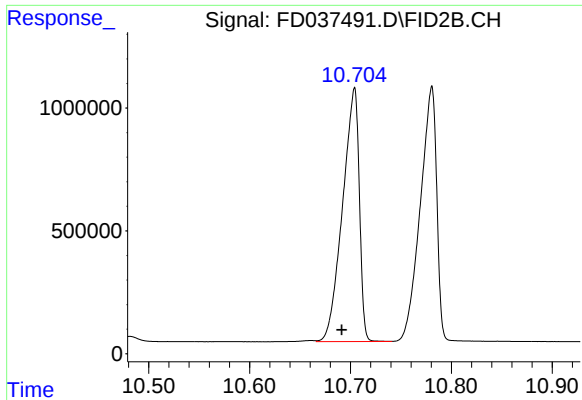
#7 Acenaphthene (C15.5)

R.T.: 8.529 min
Delta R.T.: 0.012 min
Response: 11910862
Conc: 113.08 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.308 min
Delta R.T.: 0.011 min
Response: 11765615
Conc: 113.72 ug/ml



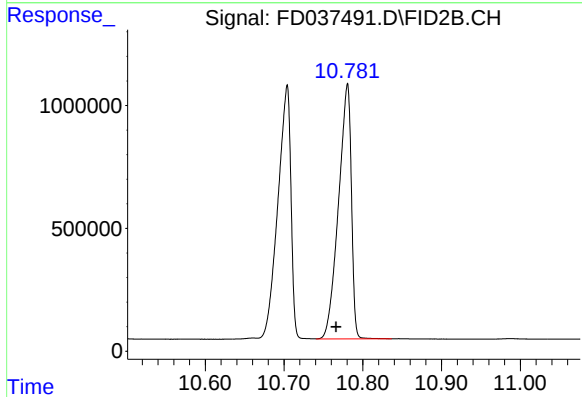
#9 Phenanthrene (C19.36)

R.T.: 10.704 min
Delta R.T.: 0.013 min
Response: 11899913
Conc: 113.19 ug/ml

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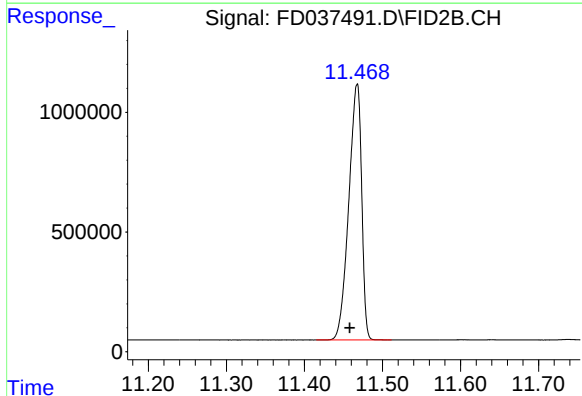
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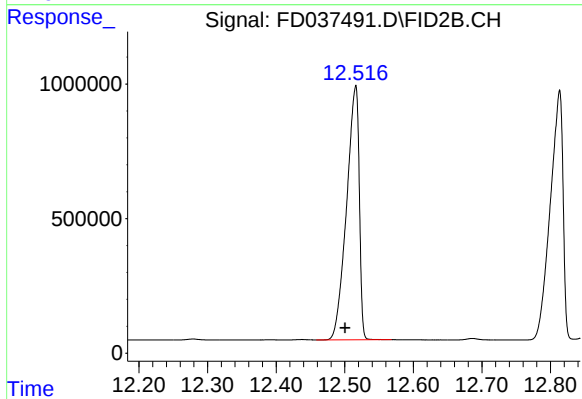
#10 Anthracene (C19.43)

R.T.: 10.781 min
Delta R.T.: 0.015 min
Response: 11760452
Conc: 114.37 ug/ml



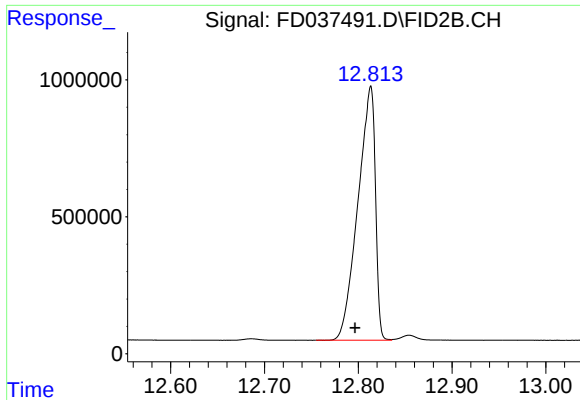
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: 0.009 min
Response: 12248853
Conc: 111.08 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: 0.016 min
Response: 12089951
Conc: 111.81 ug/ml



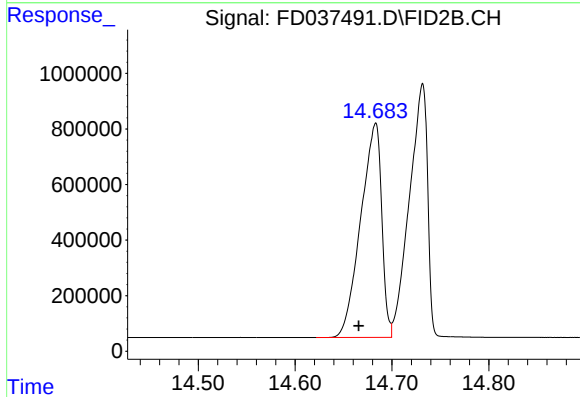
#13 Pyrene (C20.8)

R.T.: 12.813 min
Delta R.T.: 0.017 min
Response: 12002542
Conc: 111.61 ug/ml

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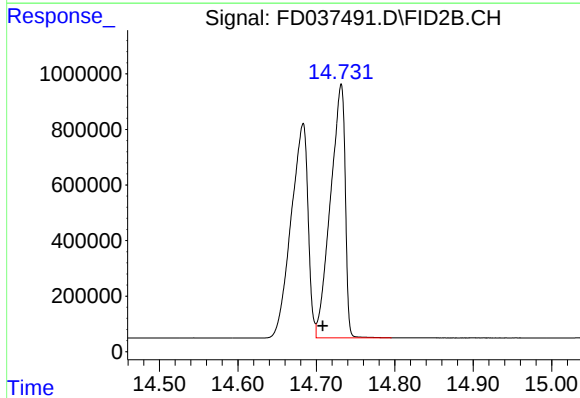
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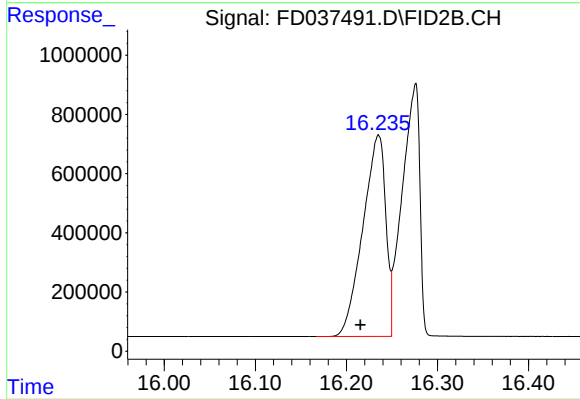
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.683 min
Delta R.T.: 0.018 min
Response: 11593657
Conc: 112.05 ug/ml



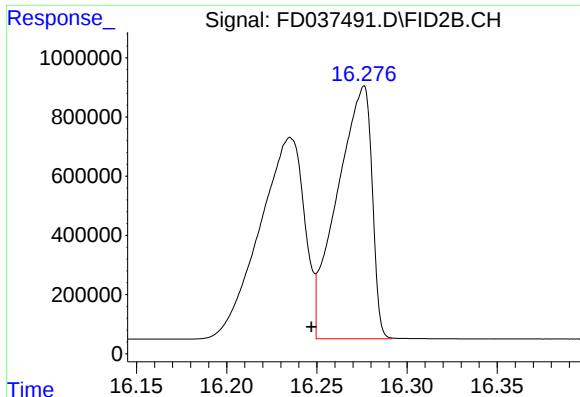
#15 Chrysene (C27.41)

R.T.: 14.732 min
Delta R.T.: 0.024 min
Response: 11904109
Conc: 110.75 ug/ml



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

R.T.: 16.235 min
Delta R.T.: 0.020 min
Response: 11862173
Conc: 112.33 ug/ml



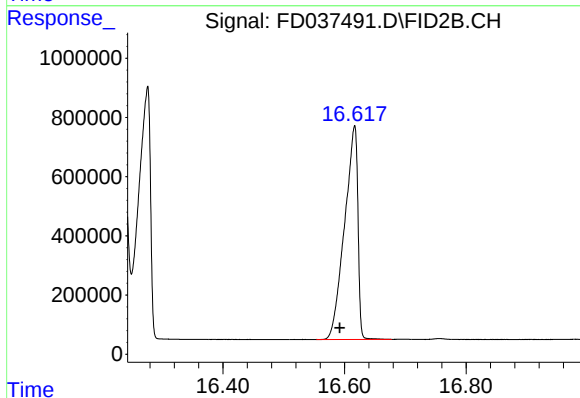
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: 0.029 min
Response: 11356904
Conc: 108.94 ug/ml m

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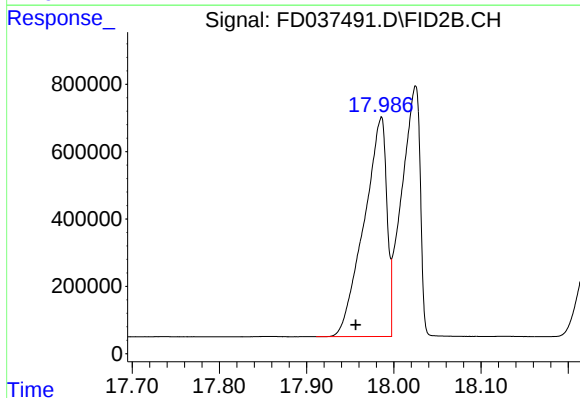
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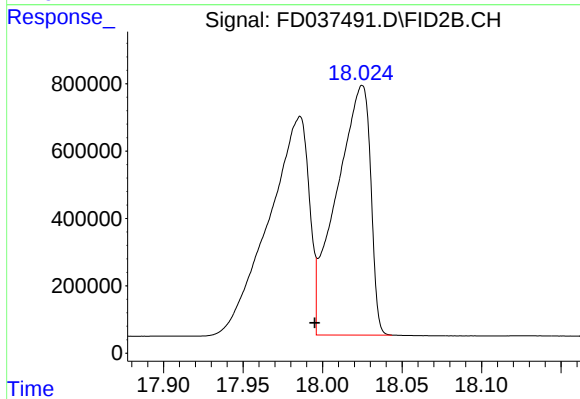
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: 0.025 min
Response: 10968803
Conc: 111.68 ug/ml



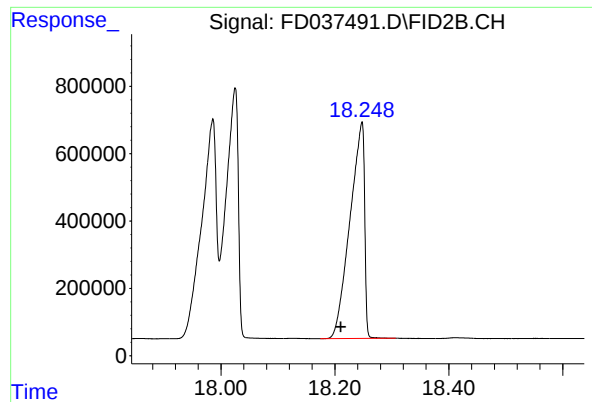
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.030 min
Response: 11803068
Conc: 116.85 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.029 min
Response: 10924300
Conc: 105.23 ug/ml m



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

R.T.: 18.248 min
Delta R.T.: 0.038 min
Response: 11406921
Conc: 110.65 ug/ml

Instrument :
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