

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030320AR\
 Data File : FD032460.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2020 18:18
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Sohil
 3/4/2020 4:20:56 PM

Integration File: autoint1.e
 Quant Time: Mar 04 03:05:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:04:37 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...	7.630	12604115	97.505 ug/ml
Spiked Amount 50.000		Recovery =	195.01%
6) S 2-Fluorobiphenyl (SURR)	8.493	8650194	97.177 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.35%#
11) S ortho-Terphenyl (SURR)	11.532	13050122	94.160 ug/ml
Spiked Amount 50.000		Recovery =	188.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.432	13062740	98.962 ug/ml
2) T Naphthalene (C11.7)	5.970	13920097	98.358 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	13826174	97.189 ug/ml
5) T Acenaphthylene (C15.06)	8.297	13222592	96.535 ug/ml
7) T Acenaphthene (C15.5)	8.595	13732770	96.878 ug/ml
8) T Fluorene (C16.55)	9.374	13521021	95.692 ug/ml
9) T Phenanthrene (C19.36)	10.770	13329709	94.665 ug/ml
10) T Anthracene (C19.43)	10.846	13071448	93.215 ug/ml
12) T Fluoranthene (C21.85)	12.582	13191320	93.628 ug/ml
13) T Pyrene (C20.8)	12.880	13079535	93.926 ug/ml
14) T Benzo[a]anthracene (C...	14.750	12440409	94.312 ug/ml
15) T Chrysene (C27.41)	14.798	12425360	92.398 ug/ml
16) T benzo[b]fluoranthene ...	16.304	12253231	94.553 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	12255161	93.375 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.687	12016449	93.636 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	11995284	100.729 ug/ml
20) T Dibenz[a,h]anthracene...	18.094	11005184	85.970 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.315	11156249	94.251 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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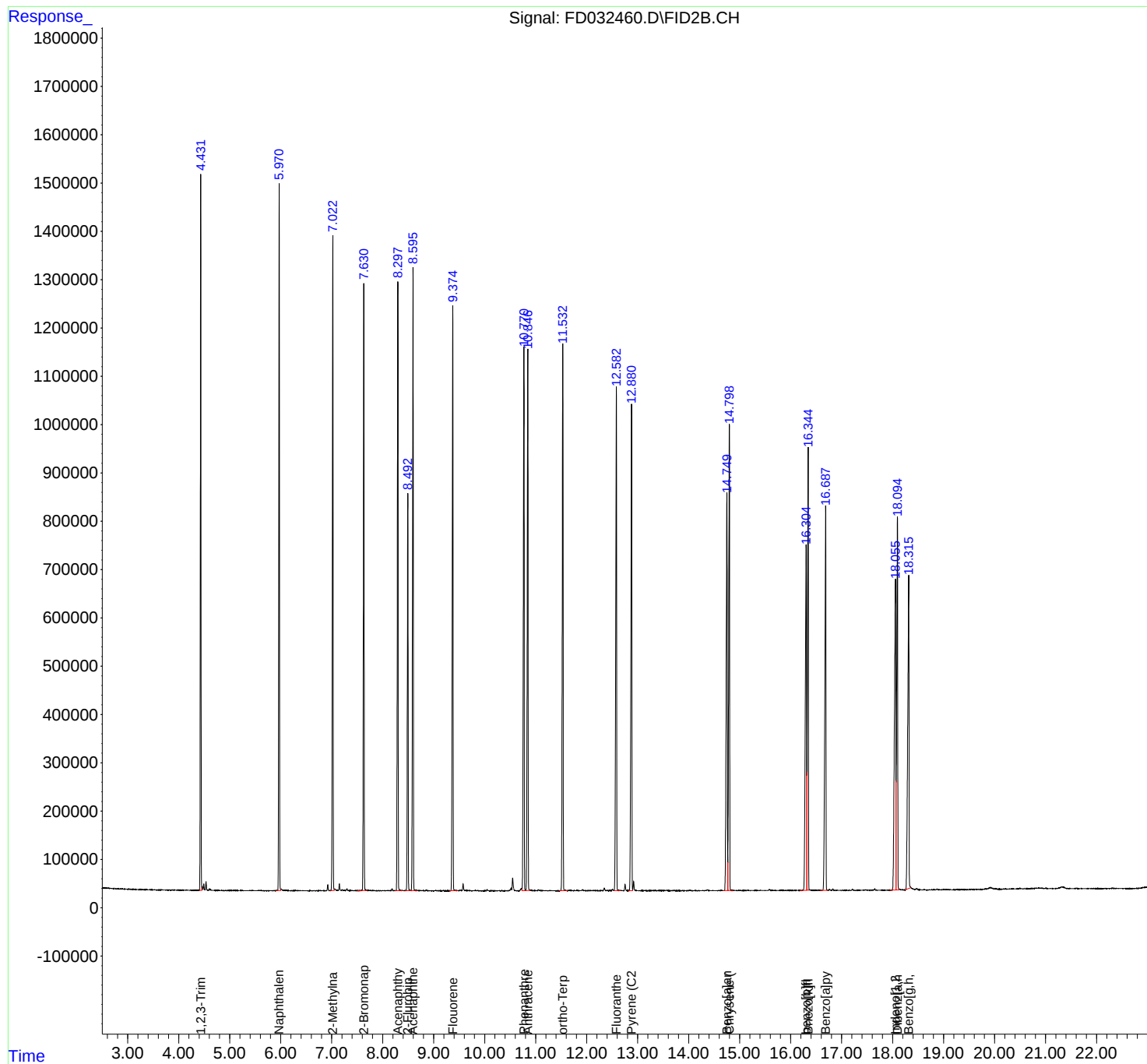
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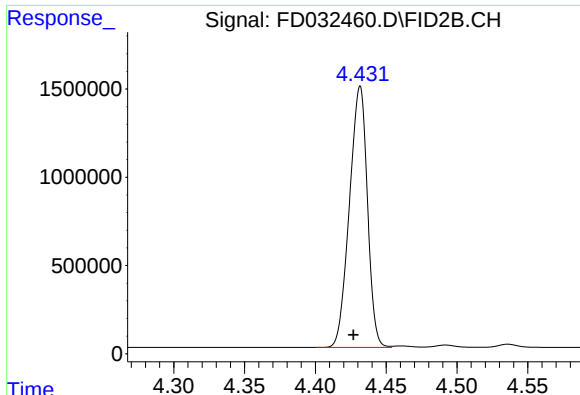
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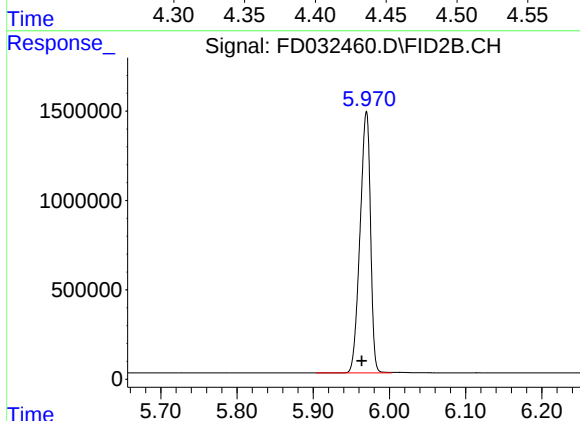
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.432 min
Delta R.T.: 0.005 min
Response: 13062740
Conc: 98.96 ug/ml

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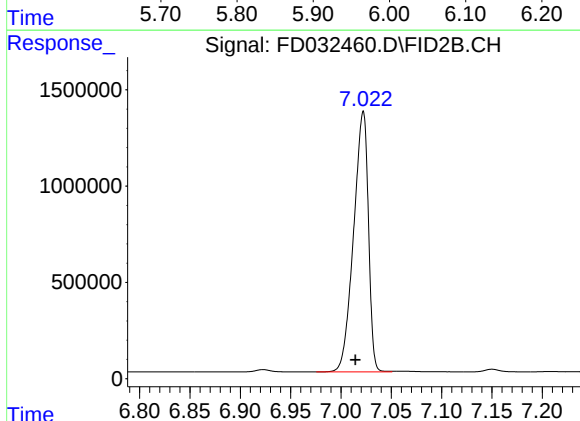
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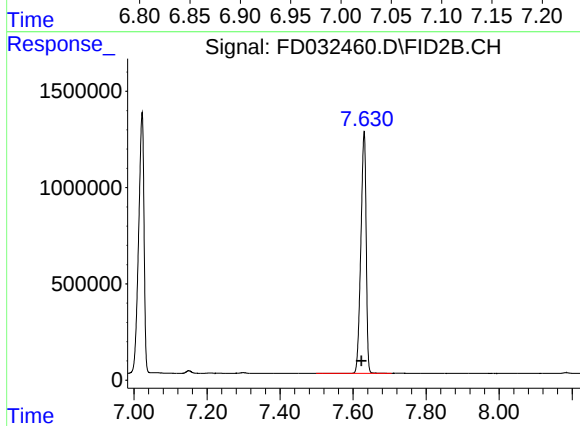
#2 Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: 0.006 min
Response: 13920097
Conc: 98.36 ug/ml



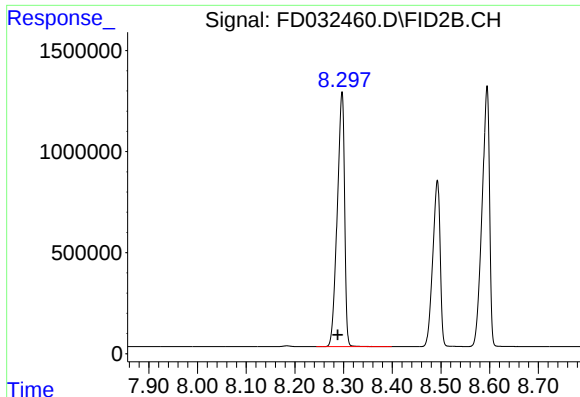
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: 0.008 min
Response: 13826174
Conc: 97.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.630 min
Delta R.T.: 0.007 min
Response: 12604115
Conc: 97.51 ug/ml



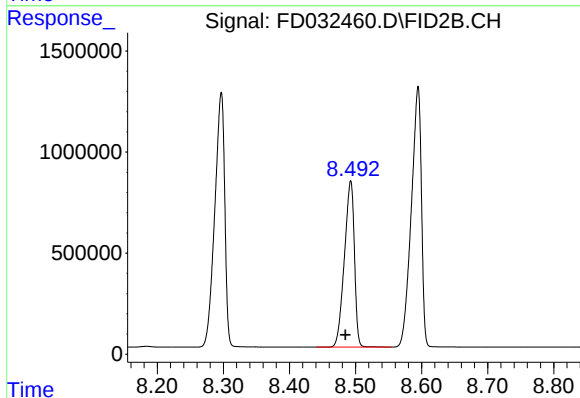
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: 0.009 min
Response: 13222592
Conc: 96.53 ug/ml

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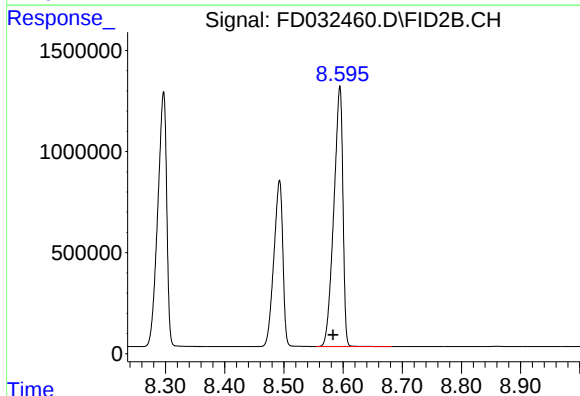
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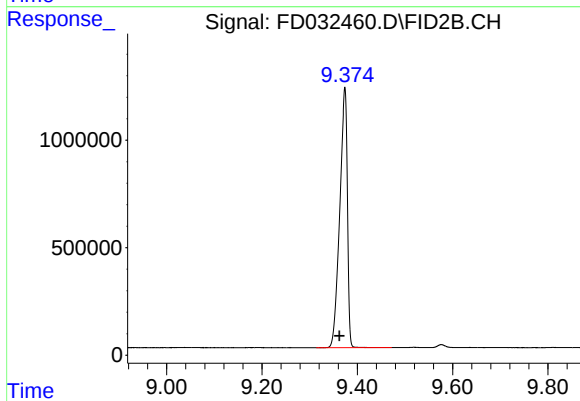
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: 0.008 min
Response: 8650194
Conc: 97.18 ug/ml



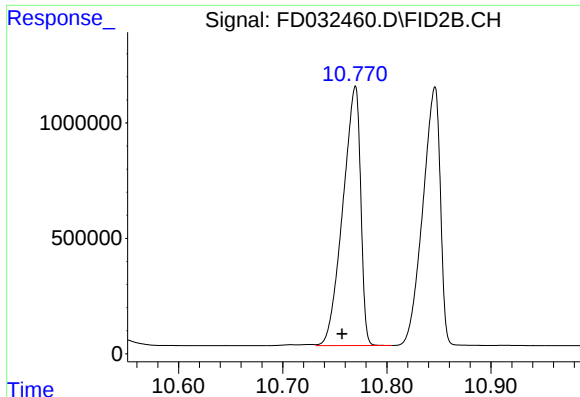
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: 0.011 min
Response: 13732770
Conc: 96.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: 0.011 min
Response: 13521021
Conc: 95.69 ug/ml



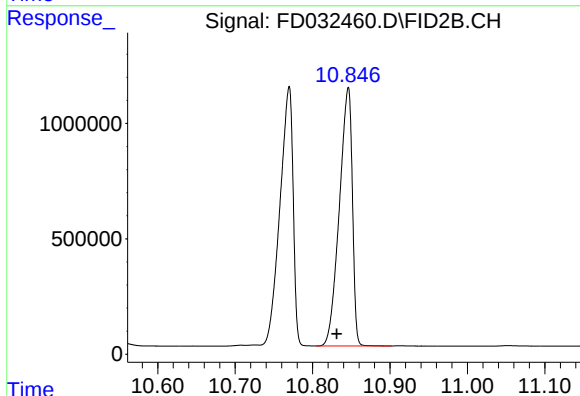
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: 0.013 min
Response: 13329709
Conc: 94.66 ug/ml

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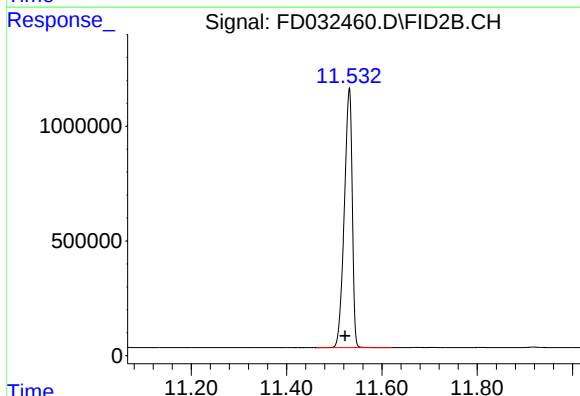
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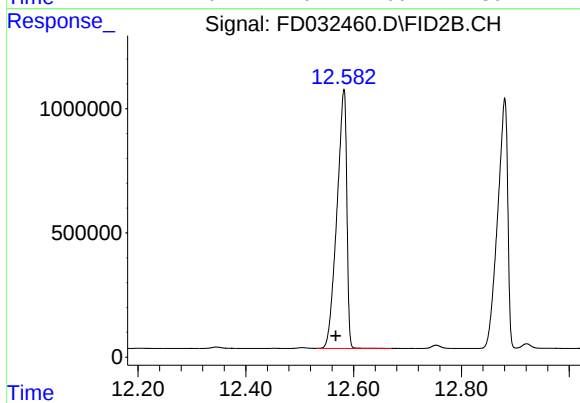
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: 0.015 min
Response: 13071448
Conc: 93.21 ug/ml



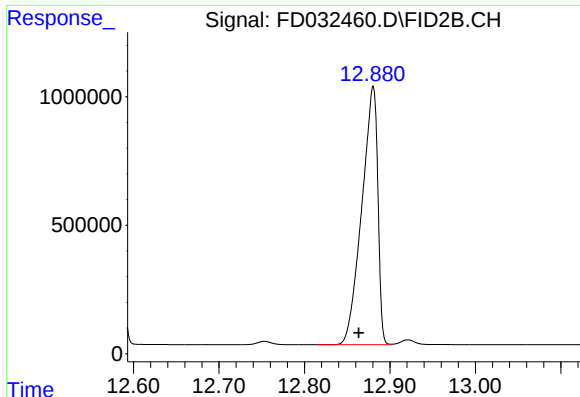
#11 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: 0.009 min
Response: 13050122
Conc: 94.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: 0.015 min
Response: 13191320
Conc: 93.63 ug/ml



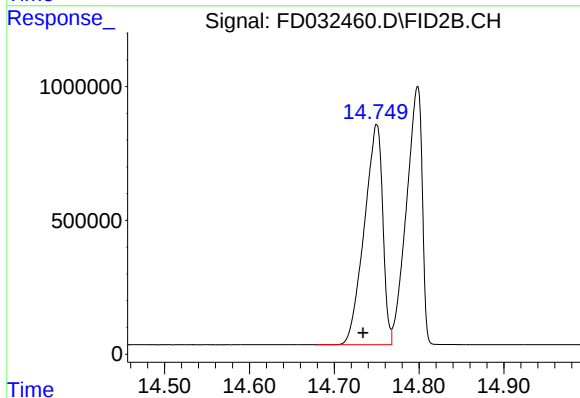
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.017 min
Response: 13079535
Conc: 93.93 ug/ml

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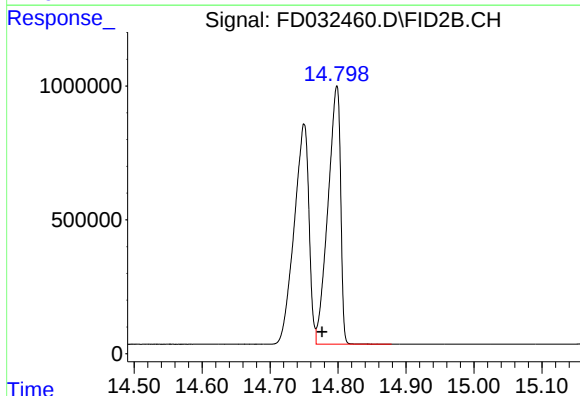
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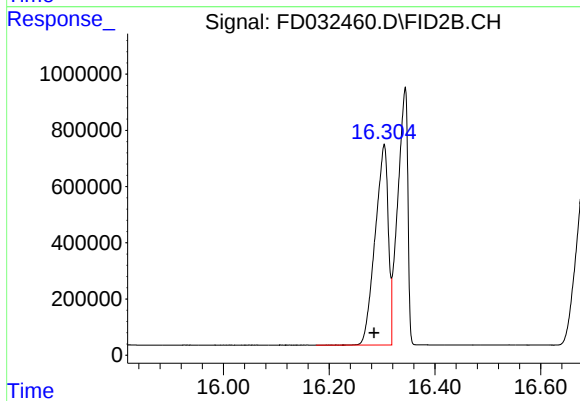
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: 0.016 min
Response: 12440409
Conc: 94.31 ug/ml



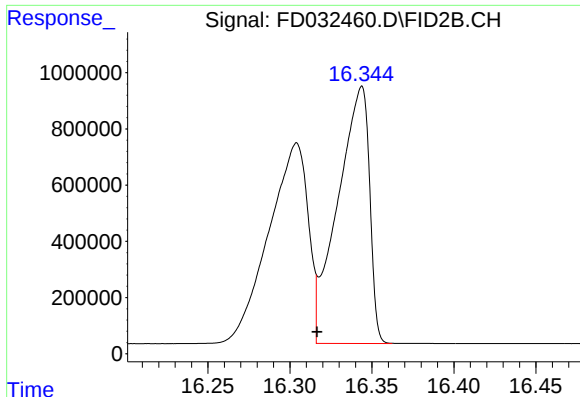
#15 Chrysene (C27.41)

R.T.: 14.798 min
Delta R.T.: 0.021 min
Response: 12425360
Conc: 92.40 ug/ml



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

R.T.: 16.304 min
Delta R.T.: 0.019 min
Response: 12253231
Conc: 94.55 ug/ml



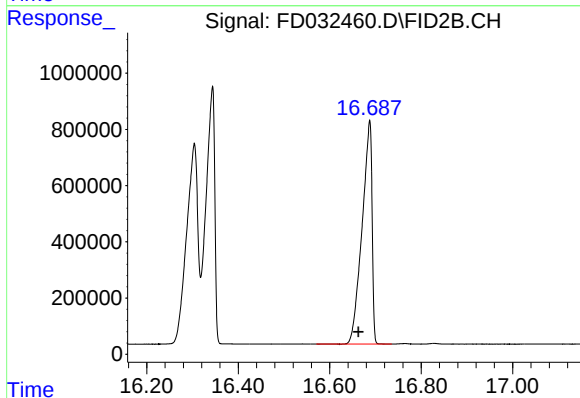
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.344 min
Delta R.T.: 0.027 min
Response: 12255161
Conc: 93.38 ug/ml m

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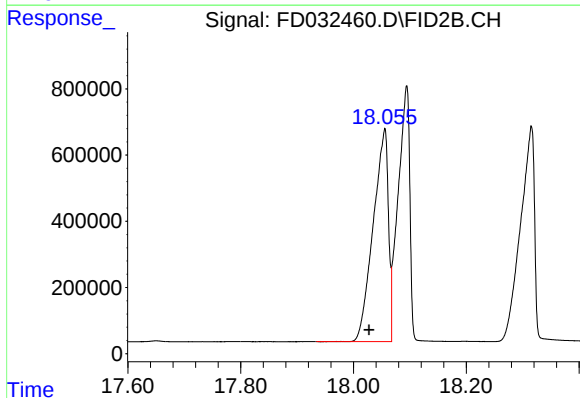
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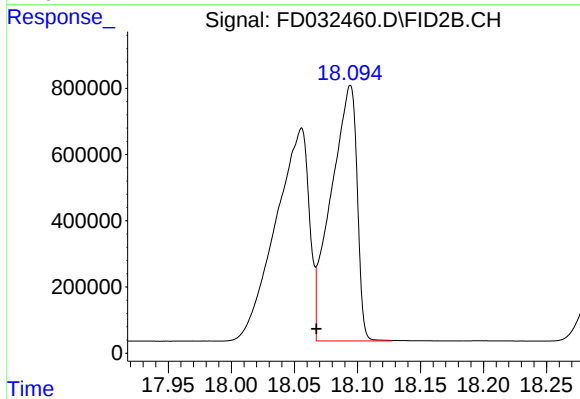
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.687 min
Delta R.T.: 0.024 min
Response: 12016449
Conc: 93.64 ug/ml



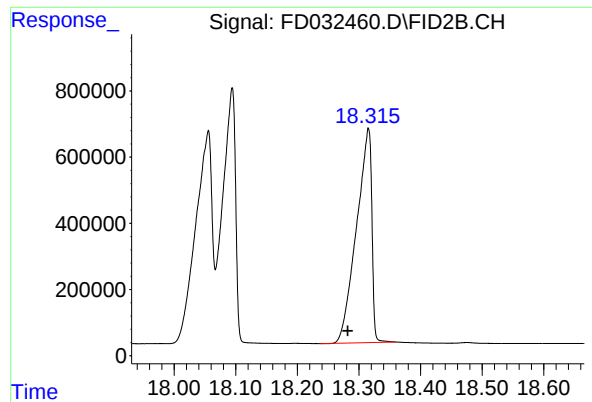
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: 0.028 min
Response: 11995284
Conc: 100.73 ug/ml



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

R.T.: 18.094 min
Delta R.T.: 0.027 min
Response: 11005184
Conc: 85.97 ug/ml m



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

R.T.: 18.315 min
Delta R.T.: 0.033 min
Response: 11156249
Conc: 94.25 ug/ml

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