

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020420AR\
 Data File : FD032274.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2020 21:26
 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

mohammad
 2/5/2020 2:12:45 PM

Integration File: autoint1.e
 Quant Time: Feb 05 11:50:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:48:54 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...	7.638	14109353	104.726 ug/ml
Spiked Amount 50.000		Recovery =	209.45%
6) S 2-Fluorobiphenyl (SURR)	8.502	9699646	104.520 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	209.04%#
11) S ortho-Terphenyl (SURR)	11.542	14616689	100.790 ug/ml
Spiked Amount 50.000		Recovery =	201.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	14708310	105.636 ug/ml
2) T Naphthalene (C11.7)	5.978	15678184	106.808 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	15444838	105.737 ug/ml
5) T Acenaphthylene (C15.06)	8.307	14830914	103.538 ug/ml
7) T Acenaphthene (C15.5)	8.605	15392383	104.268 ug/ml
8) T Fluorene (C16.55)	9.383	15188061	103.130 ug/ml
9) T Phenanthrene (C19.36)	10.781	15103579	101.780 ug/ml
10) T Anthracene (C19.43)	10.858	14750728	101.338 ug/ml
12) T Fluoranthene (C21.85)	12.595	14762404	99.680 ug/ml
13) T Pyrene (C20.8)	12.893	14656793	99.731 ug/ml
14) T Benzo[a]anthracene (C...	14.764	13753513	98.239 ug/ml
15) T Chrysene (C27.41)	14.813	13724015	97.867 ug/ml
16) T benzo[b]fluoranthene ...	16.318	13340193	97.795 ug/ml
17) T Bnezo[k]fluoranthene ...	16.359	12823197	94.120 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.702	12981669	96.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	12822980	100.453 ug/ml
20) T Dibenz[a,h]anthracene...	18.109	11379791	87.794 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.331	11978688	95.863 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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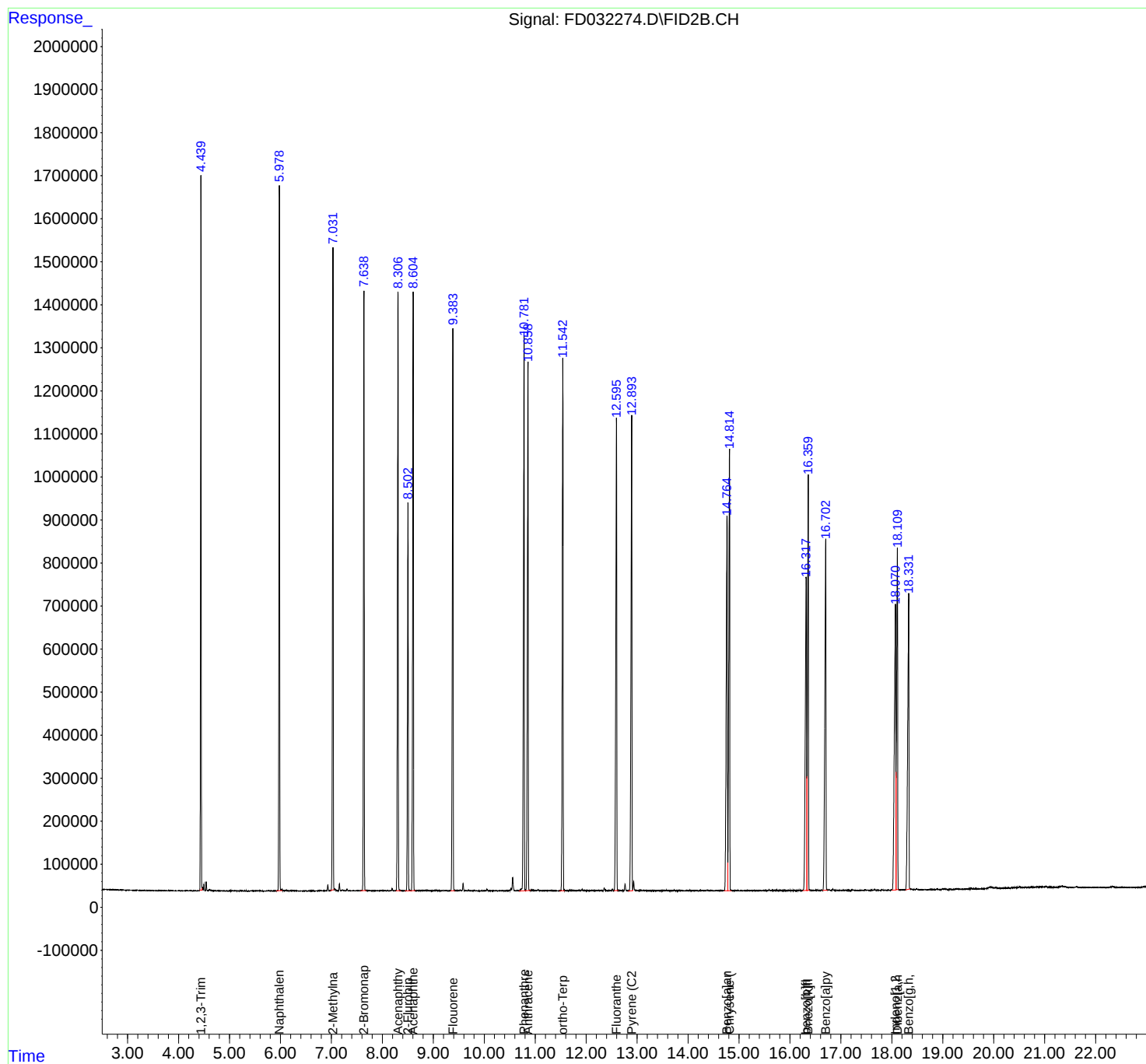
Instrument :
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100 PPM AROMATIC HC STD1

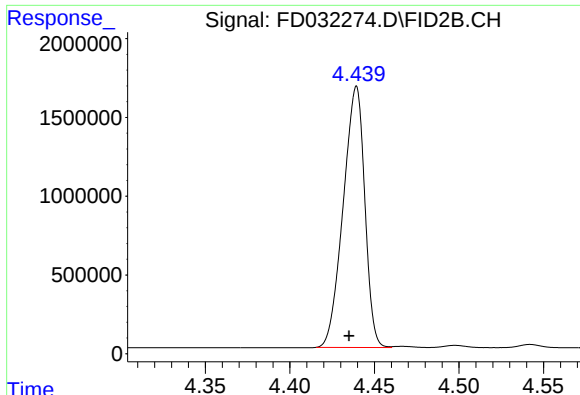
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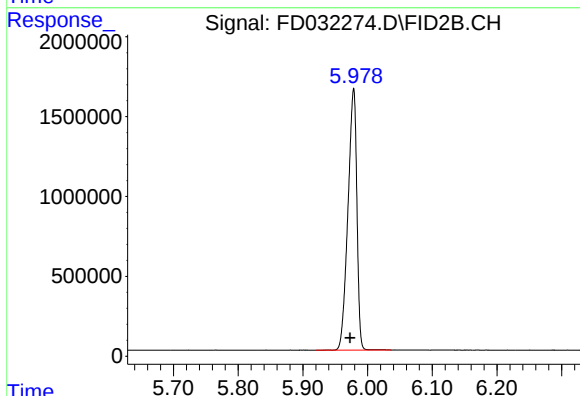
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: 0.004 min
Response: 14708310
Conc: 105.64 ug/ml

Instrument :
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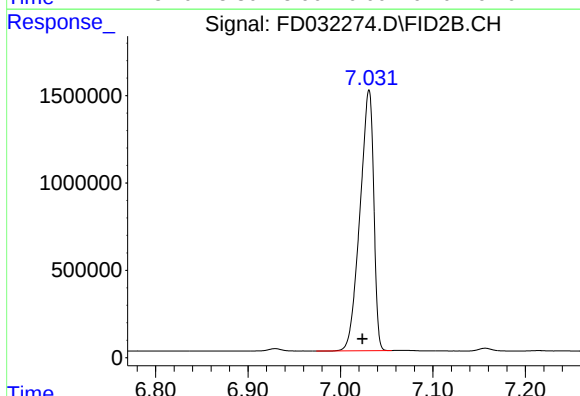
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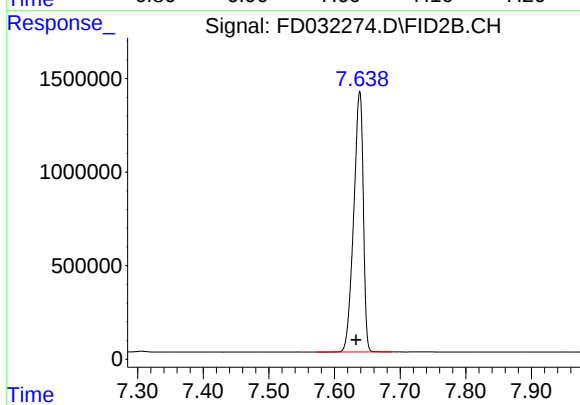
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: 0.006 min
Response: 15678184
Conc: 106.81 ug/ml



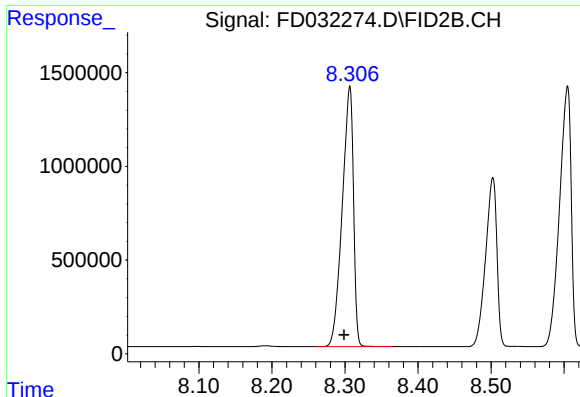
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: 0.007 min
Response: 15444838
Conc: 105.74 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: 0.005 min
Response: 14109353
Conc: 104.73 ug/ml



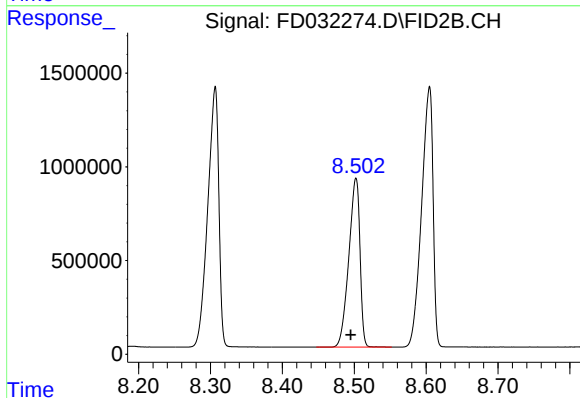
#5 Acenaphthylene (C15.06)

R.T.: 8.307 min
Delta R.T.: 0.008 min
Response: 14830914
Conc: 103.54 ug/ml

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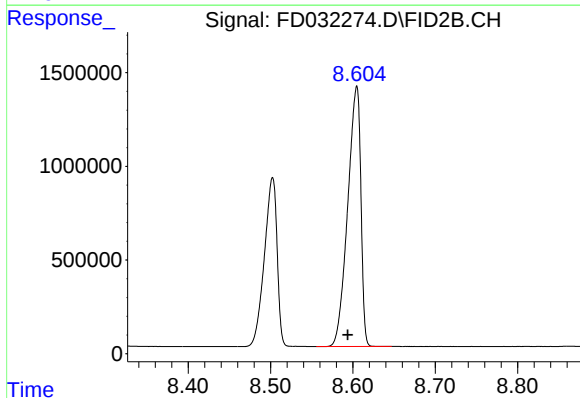
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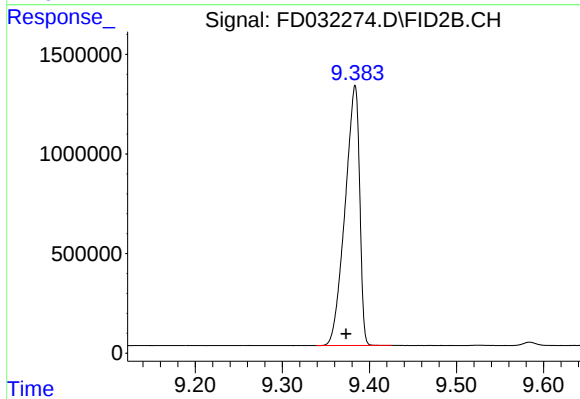
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: 0.007 min
Response: 9699646
Conc: 104.52 ug/ml



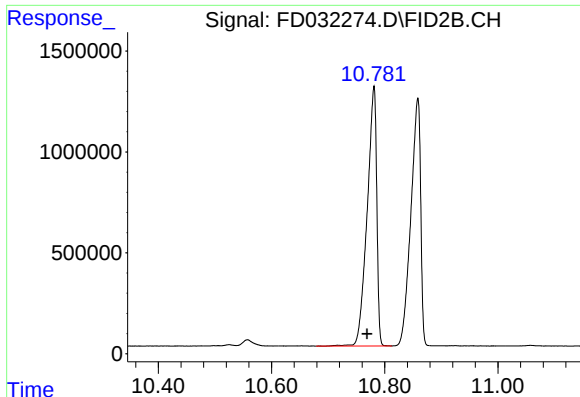
#7 Acenaphthene (C15.5)

R.T.: 8.605 min
Delta R.T.: 0.011 min
Response: 15392383
Conc: 104.27 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: 0.010 min
Response: 15188061
Conc: 103.13 ug/ml



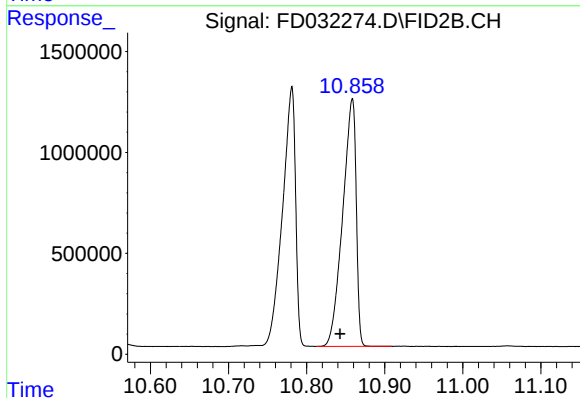
#9 Phenanthrene (C19.36)

R.T.: 10.781 min
Delta R.T.: 0.012 min
Response: 15103579
Conc: 101.78 ug/ml

Instrument :
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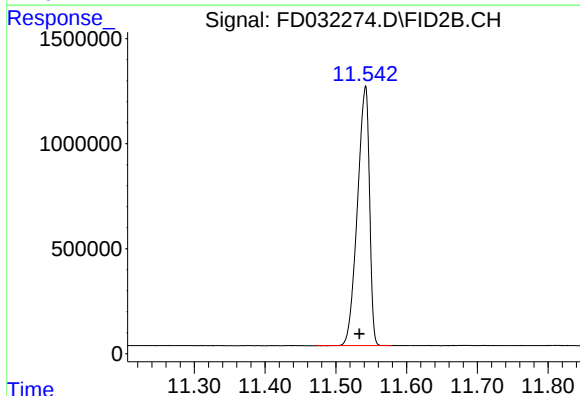
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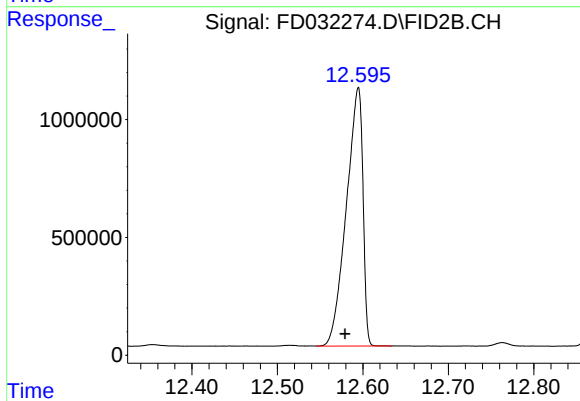
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.015 min
Response: 14750728
Conc: 101.34 ug/ml



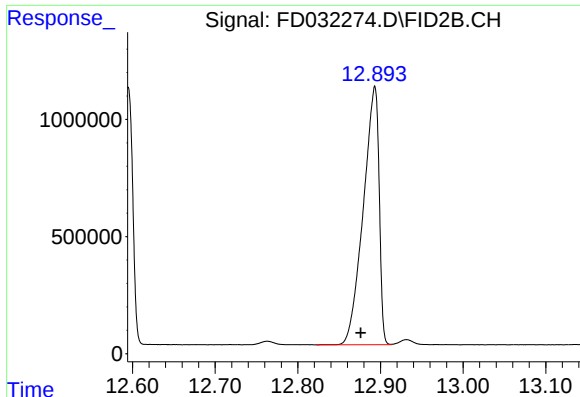
#11 ortho-Terphenyl (SURR)

R.T.: 11.542 min
Delta R.T.: 0.009 min
Response: 14616689
Conc: 100.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.595 min
Delta R.T.: 0.015 min
Response: 14762404
Conc: 99.68 ug/ml



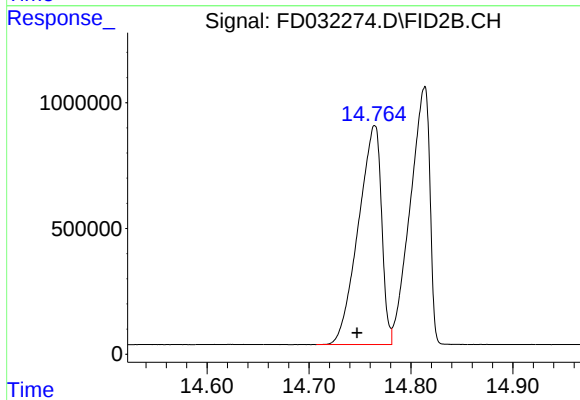
#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: 0.017 min
Response: 14656793
Conc: 99.73 ug/ml

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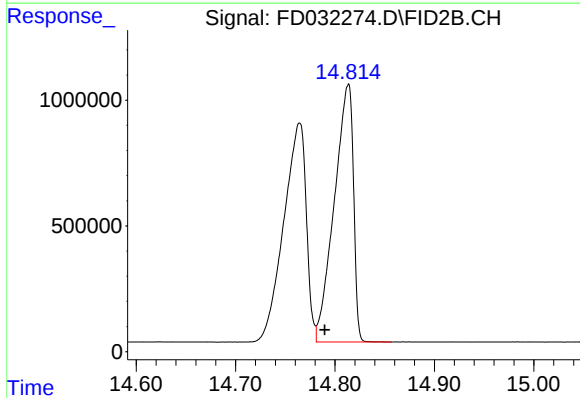
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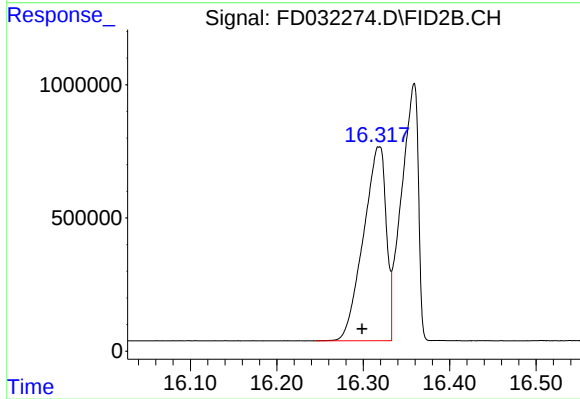
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: 0.017 min
Response: 13753513
Conc: 98.24 ug/ml



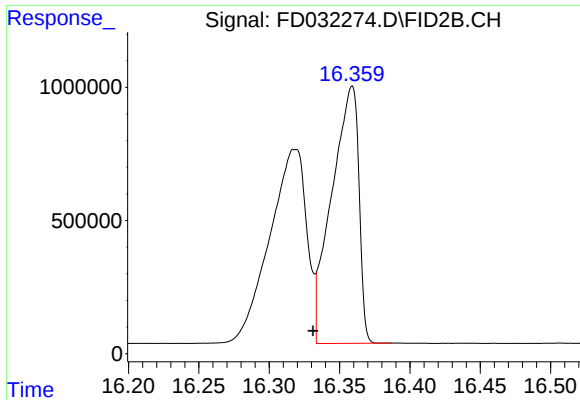
#15 Chrysene (C27.41)

R.T.: 14.813 min
Delta R.T.: 0.024 min
Response: 13724015
Conc: 97.87 ug/ml



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

R.T.: 16.318 min
Delta R.T.: 0.020 min
Response: 13340193
Conc: 97.80 ug/ml



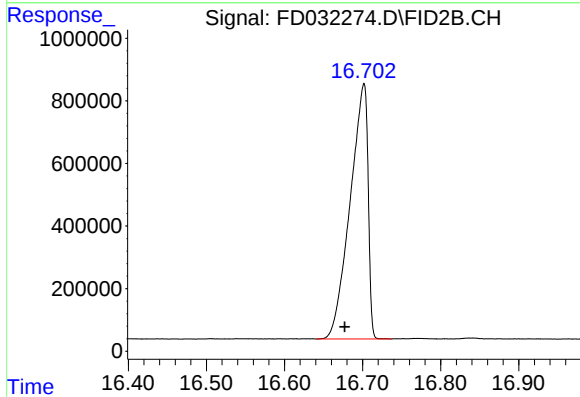
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.359 min
Delta R.T.: 0.028 min
Response: 12823197
Conc: 94.12 ug/ml m

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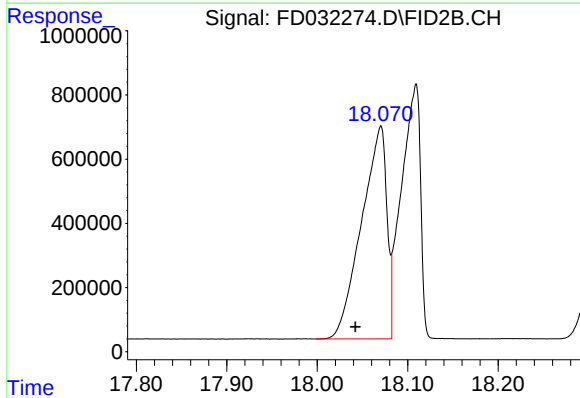
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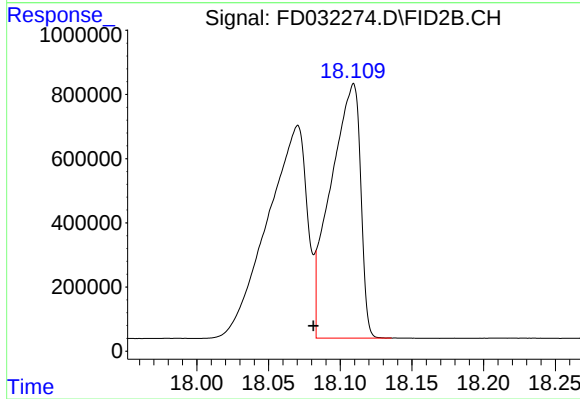
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.702 min
Delta R.T.: 0.024 min
Response: 12981669
Conc: 96.57 ug/ml



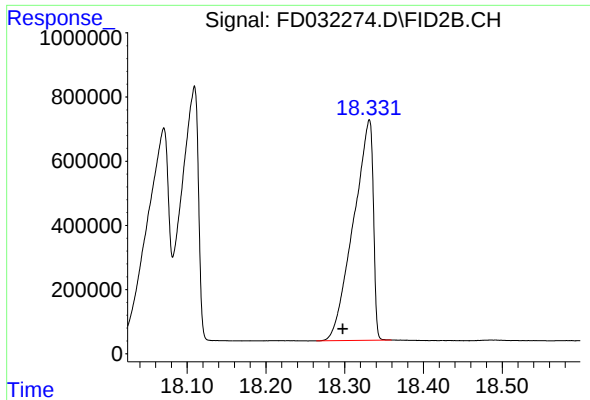
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.028 min
Response: 12822980
Conc: 100.45 ug/ml



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

R.T.: 18.109 min
Delta R.T.: 0.028 min
Response: 11379791
Conc: 87.79 ug/ml m



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

R.T.: 18.331 min
Delta R.T.: 0.034 min
Response: 11978688
Conc: 95.86 ug/ml

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