

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043323.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2022 04:35
 Operator : YP/AJ
 Sample : PB146381BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB146381BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/25/2022

Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e

Quant Time: Jul 23 05:48:11 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M

Quant Title : GC Extractables

QLast Update : Sat Jun 25 04:47:50 2022

Response via : Initial Calibration

Integrator: ChemStation

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...	7.621	5850753	37.891 ug/ml
Spiked Amount 50.000		Recovery =	75.78%
6) S 2-Fluorobiphenyl (SURR)	8.484	3838684	36.394 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.79%
11) S ortho-Terphenyl (SURR)	11.529	5126911	28.209 ug/ml
Spiked Amount 50.000		Recovery =	56.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	4272627	25.440 ug/ml
2) T Naphthalene (C11.7)	5.955	4814352	27.499 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	4989461	31.020 ug/ml
5) T Acenaphthylene (C15.06)	8.286	4946765	27.830 ug/ml
7) T Acenaphthene (C15.5)	8.583	5331588	30.447 ug/ml
8) T Flouorene (C16.55)	9.364	5158989	29.762 ug/ml
9) T Phenanthrene (C19.36)	10.761	5001250	29.160 ug/ml
10) T Anthracene (C19.43)	10.836	4928329	29.008 ug/ml
12) T Fluoranthene (C21.85)	12.575	4918508	29.326 ug/ml
13) T Pyrene (C20.8)	12.873	4898664	30.059 ug/mlm
14) T Benzo[a]anthracene (C...	14.744	4153957	26.748 ug/mlm
15) T Chrysene (C27.41)	14.786	4792897	30.367 ug/mlm
16) T benzo[b]fluoranthene ...	16.296	4232575	27.766 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.329	4076557	27.853 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	3591702	25.111 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	3707542	29.628 ug/mlm
20) T Dibenz[a,h]anthracene...	18.077	3359860	24.992 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	3951338	30.295 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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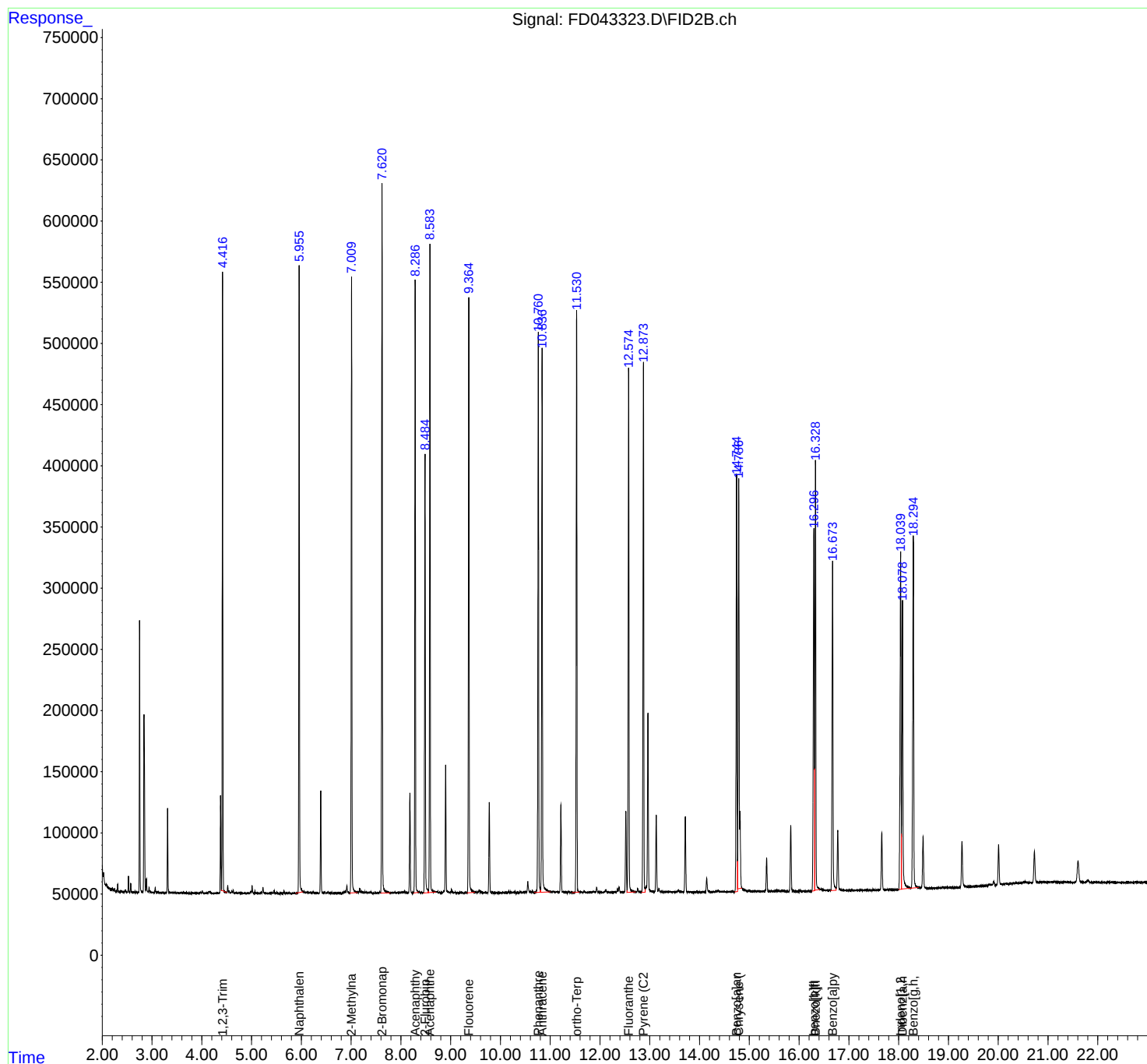
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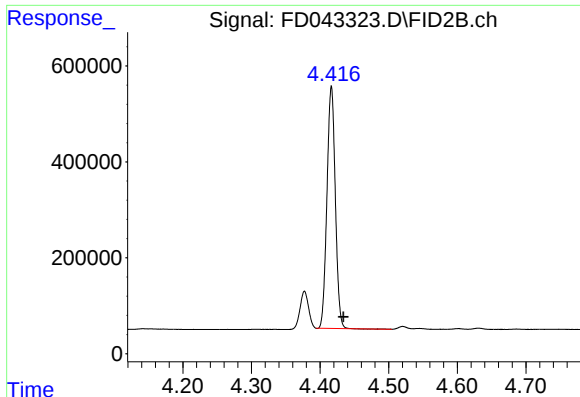
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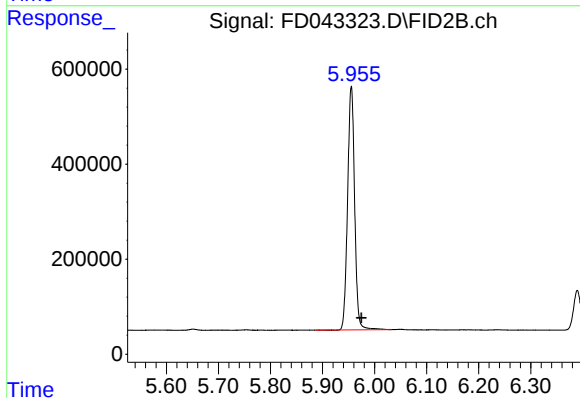
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: -0.017 min
Response: 4272627
Conc: 25.44 ug/ml

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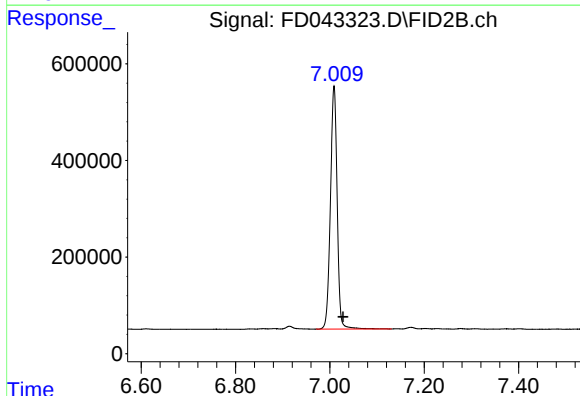
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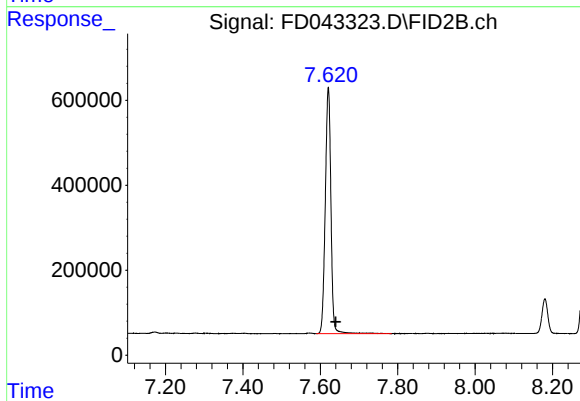
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 4814352
Conc: 27.50 ug/ml



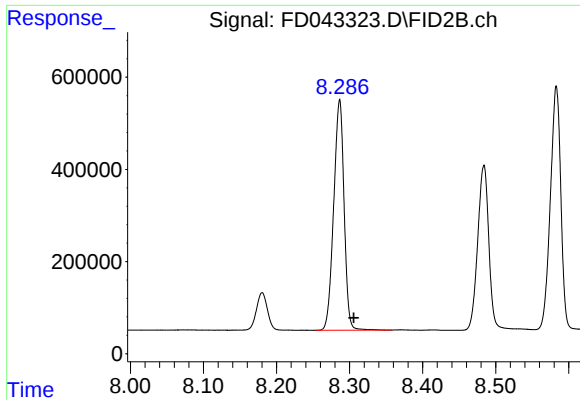
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.019 min
Response: 4989461
Conc: 31.02 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.621 min
Delta R.T.: -0.019 min
Response: 5850753
Conc: 37.89 ug/ml



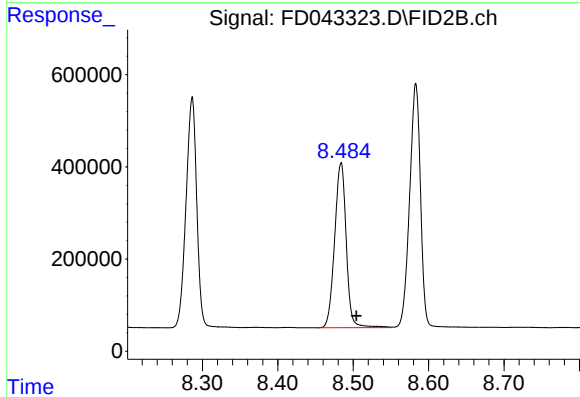
#5 Acenaphthylene (C15.06)

R.T.: 8.286 min
Delta R.T.: -0.020 min
Response: 4946765
Conc: 27.83 ug/ml

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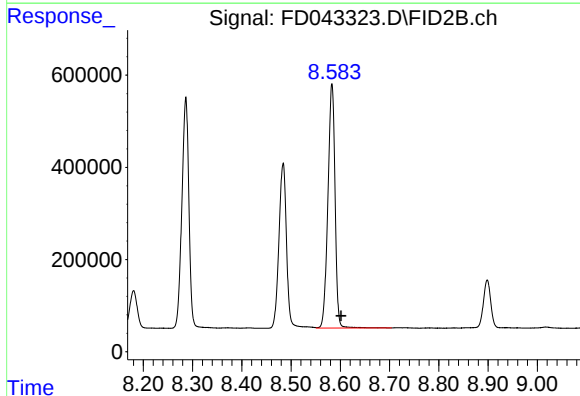
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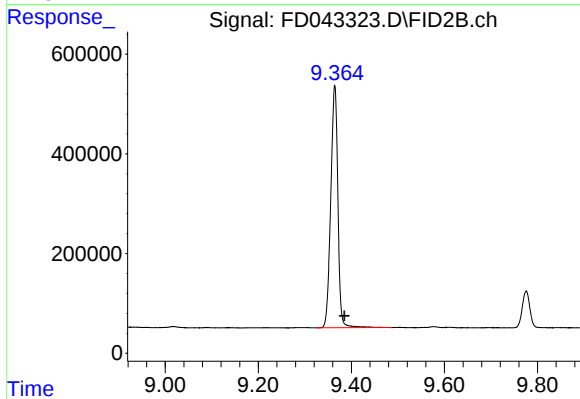
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.020 min
Response: 3838684
Conc: 36.39 ug/ml



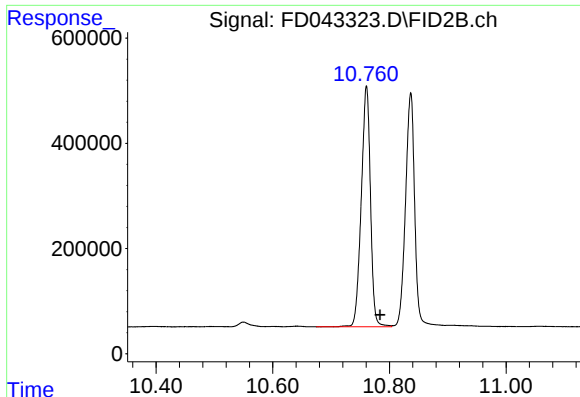
#7 Acenaphthene (C15.5)

R.T.: 8.583 min
Delta R.T.: -0.019 min
Response: 5331588
Conc: 30.45 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.364 min
Delta R.T.: -0.021 min
Response: 5158989
Conc: 29.76 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: -0.023 min
Response: 5001250
Conc: 29.16 ug/ml

Instrument :

FID_D

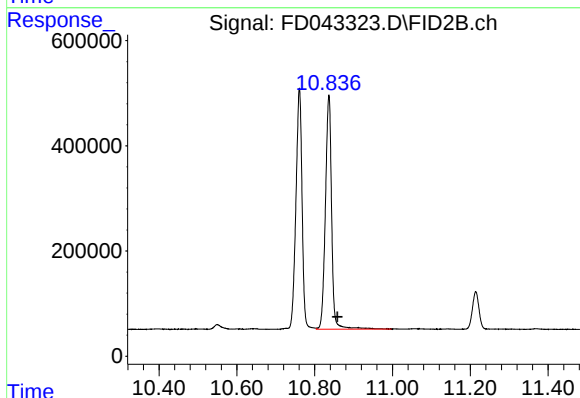
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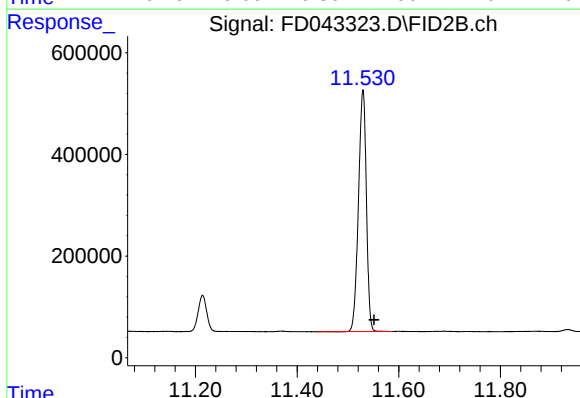
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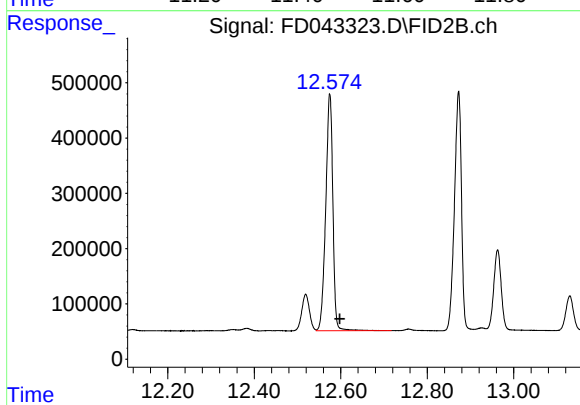
#10 Anthracene (C19.43)

R.T.: 10.836 min
Delta R.T.: -0.022 min
Response: 4928329
Conc: 29.01 ug/ml



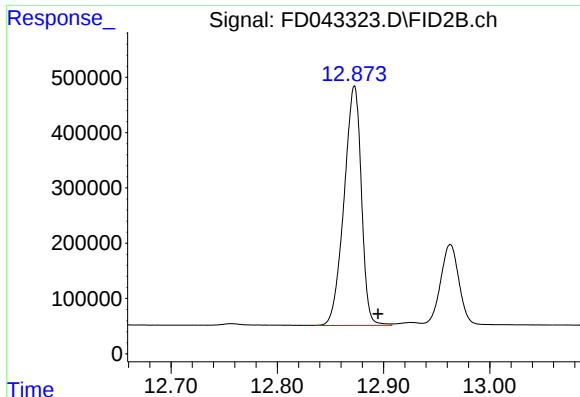
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.022 min
Response: 5126911
Conc: 28.21 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.023 min
Response: 4918508
Conc: 29.33 ug/ml



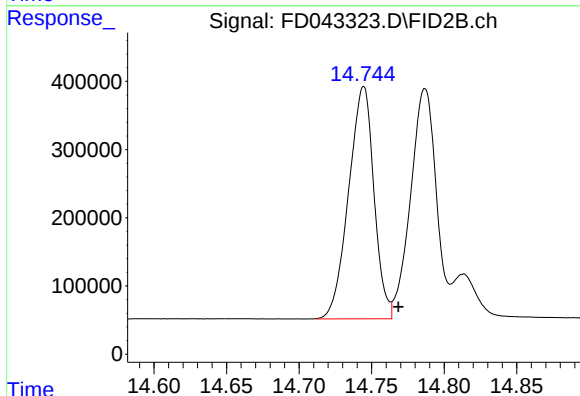
#13 Pyrene (C20.8)

R.T.: 12.873 min
Delta R.T.: -0.022 min
Response: 4898664
Conc: 30.06 ug/ml

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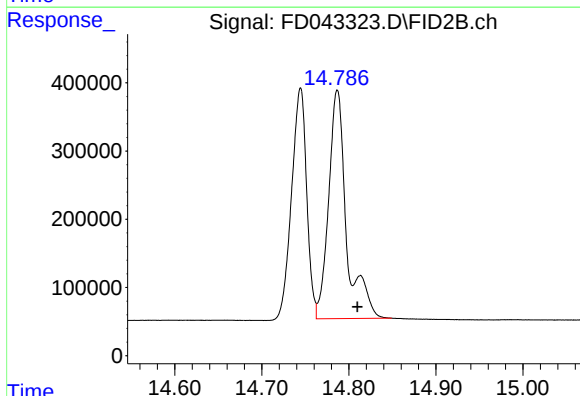
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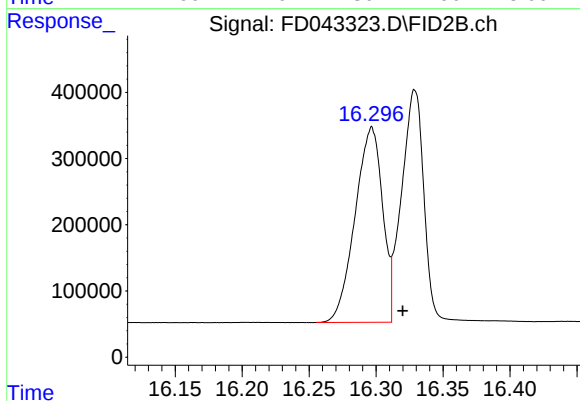
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.024 min
Response: 4153957
Conc: 26.75 ug/ml m



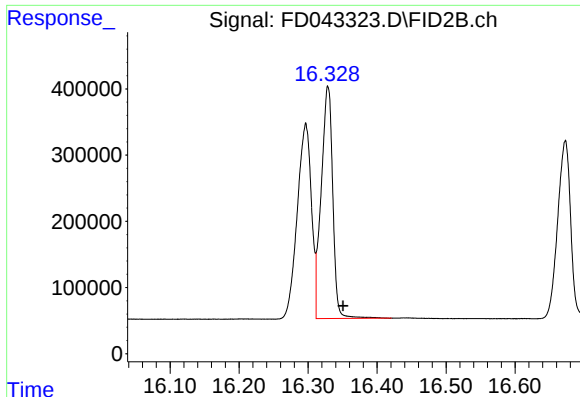
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.024 min
Response: 4792897
Conc: 30.37 ug/ml m



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

R.T.: 16.296 min
Delta R.T.: -0.024 min
Response: 4232575
Conc: 27.77 ug/ml m



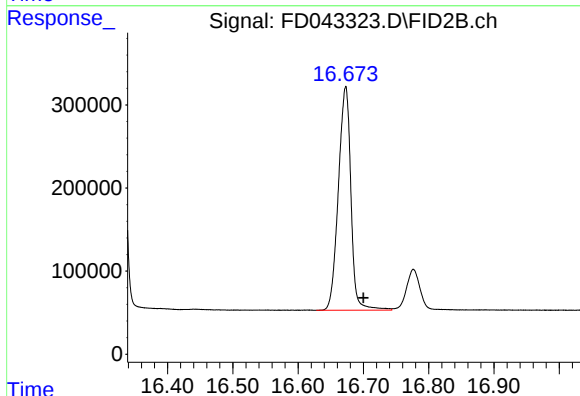
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: -0.022 min
Response: 4076557
Conc: 27.85 ug/ml

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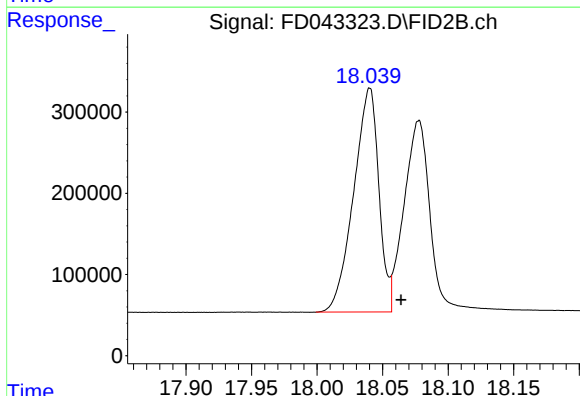
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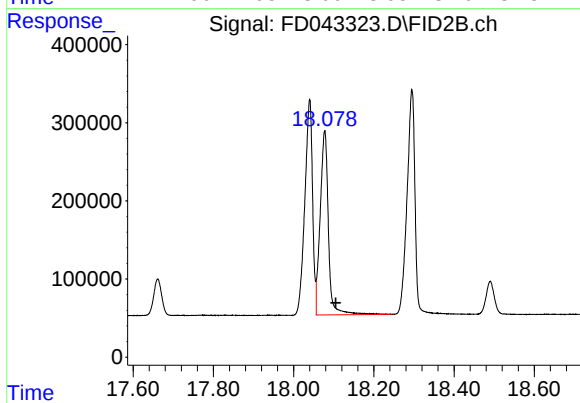
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 3591702
Conc: 25.11 ug/ml



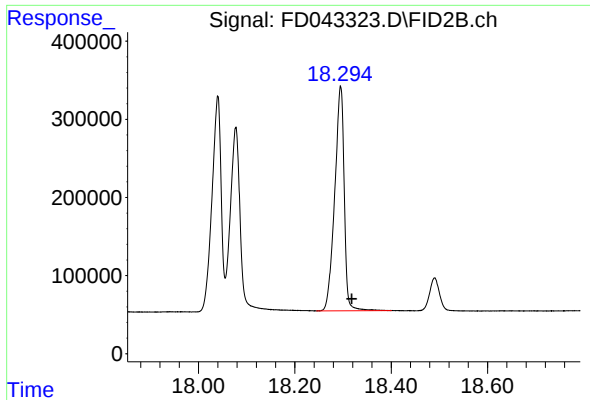
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: -0.025 min
Response: 3707542
Conc: 29.63 ug/ml m



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

R.T.: 18.077 min
Delta R.T.: -0.027 min
Response: 3359860
Conc: 24.99 ug/ml



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

R.T.: 18.295 min
Delta R.T.: -0.024 min
Response: 3951338
Conc: 30.29 ug/ml

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