

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043083.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 10:53
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 02:48:06 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...	7.632	3206589	20.767 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
6) S 2-Fluorobiphenyl (SURR)	8.497	2126752	20.164 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.33%
11) S ortho-Terphenyl (SURR)	11.540	3619024	19.912 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	3550982	21.143 ug/ml
2) T Naphthalene (C11.7)	5.969	3641006	20.797 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	3323242	20.661 ug/ml
5) T Acenaphthylene (C15.06)	8.300	3570207	20.086 ug/ml
7) T Acenaphthene (C15.5)	8.596	3494478	19.956 ug/ml
8) T Flouorene (C16.55)	9.377	3531540	20.373 ug/ml
9) T Phenanthrene (C19.36)	10.775	3326280	19.394 ug/ml
10) T Anthracene (C19.43)	10.849	3136389	18.461 ug/ml
12) T Fluoranthene (C21.85)	12.587	3227937	19.247 ug/ml
13) T Pyrene (C20.8)	12.883	3152987	19.347 ug/mlm
14) T Benzo[a]anthracene (C...	14.756	2957176	19.042 ug/ml
15) T Chrysene (C27.41)	14.797	3007878	19.058 ug/ml
16) T benzo[b]fluoranthene ...	16.307	2988289	19.604 ug/ml
17) T Bnezo[k]fluoranthene ...	16.338	2875612	19.647 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.684	2861727	20.007 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	2654482	21.213 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	2898897	21.563 ug/ml
21) T Benzo[g,h,i]perylene ...	18.304	2843635	21.802 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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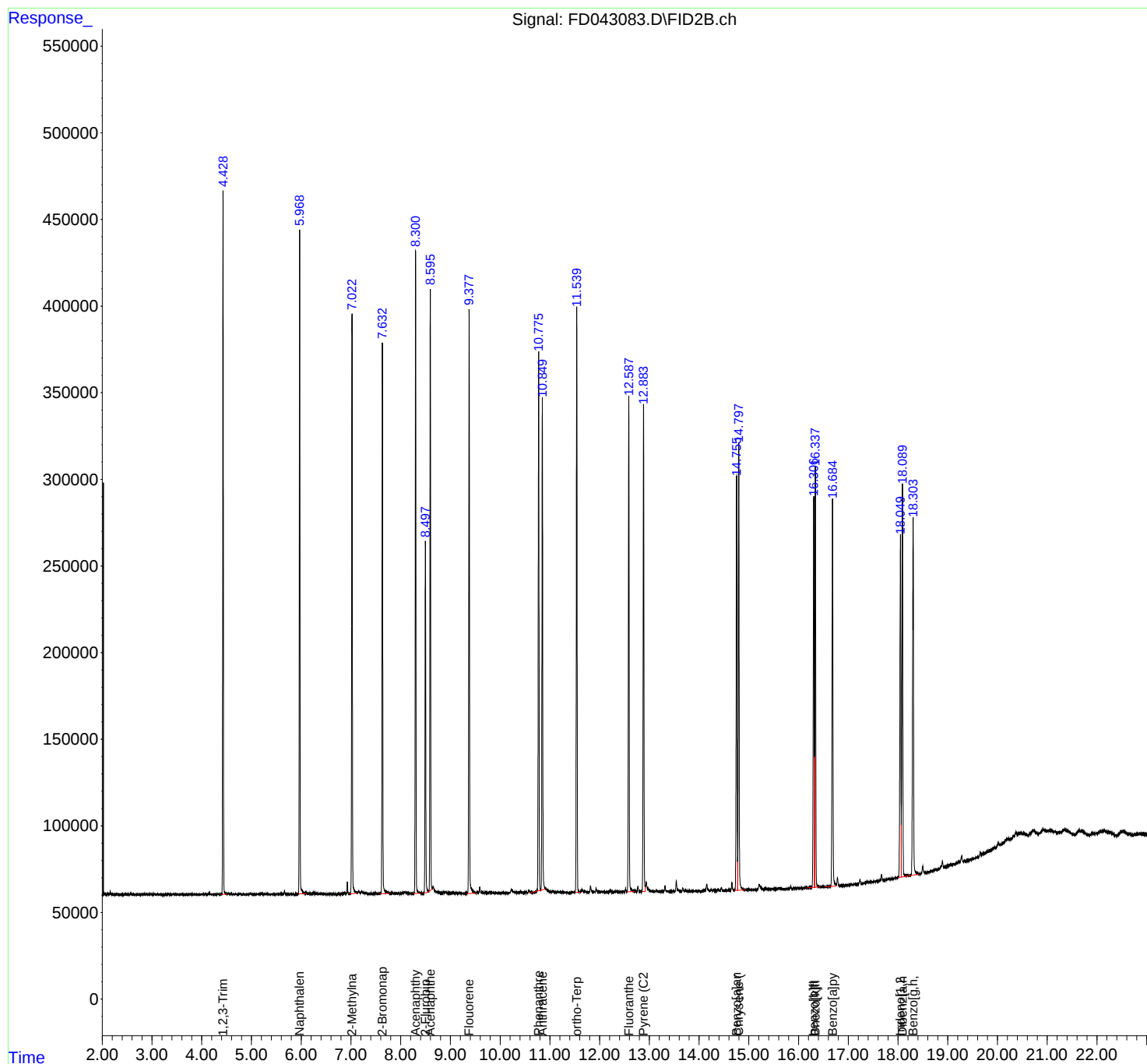
Instrument :
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 20 PPM AROMATIC HC STD

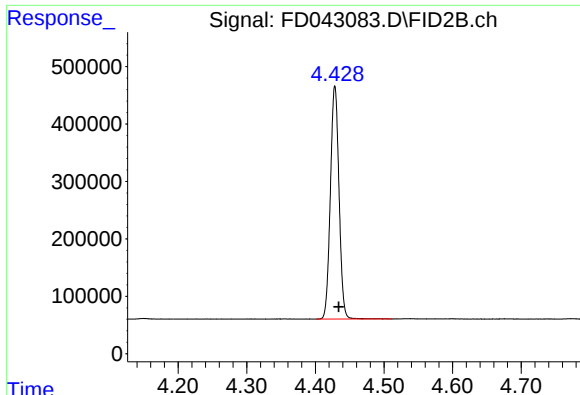
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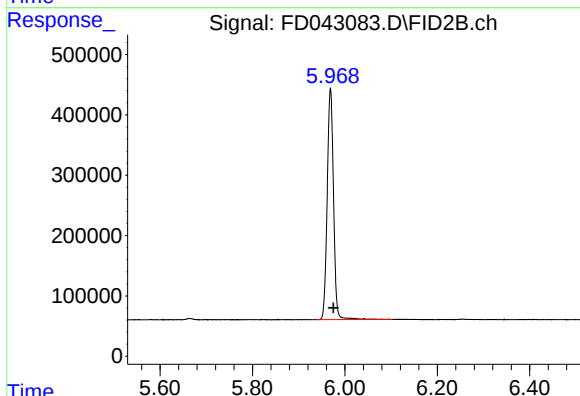
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.428 min
Delta R.T.: -0.006 min
Response: 3550982
Conc: 21.14 ug/ml

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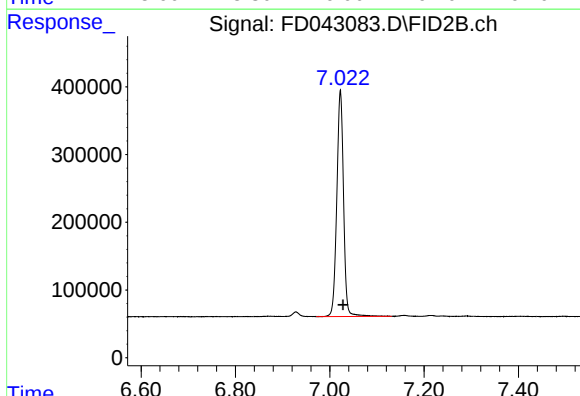
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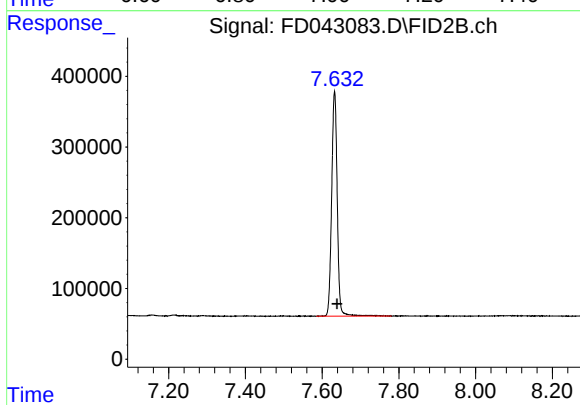
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 3641006
Conc: 20.80 ug/ml



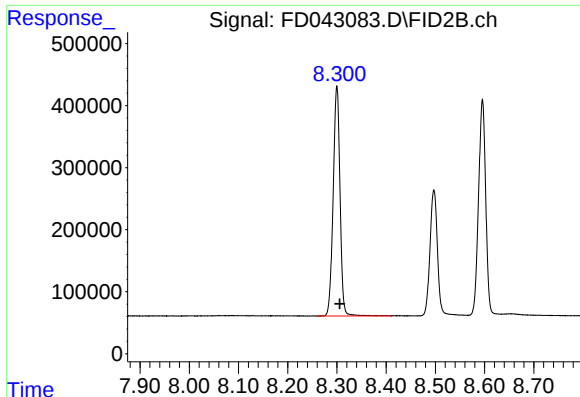
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.006 min
Response: 3323242
Conc: 20.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.007 min
Response: 3206589
Conc: 20.77 ug/ml



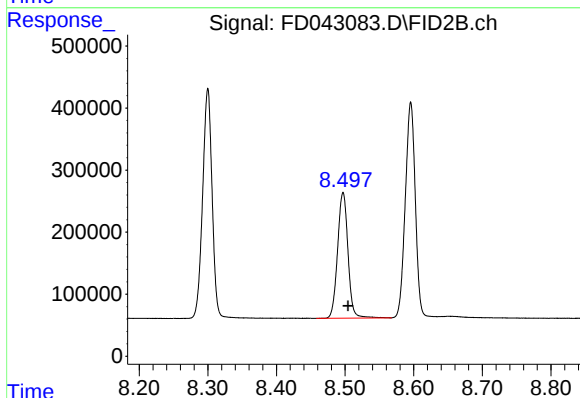
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: -0.006 min
Response: 3570207
Conc: 20.09 ug/ml

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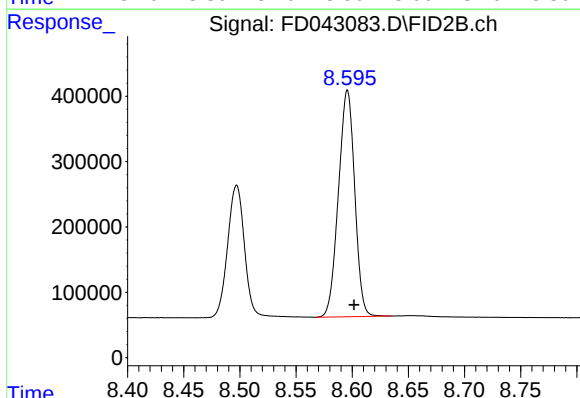
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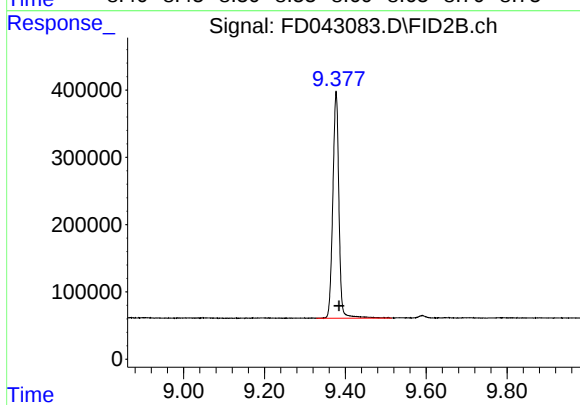
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.007 min
Response: 2126752
Conc: 20.16 ug/ml



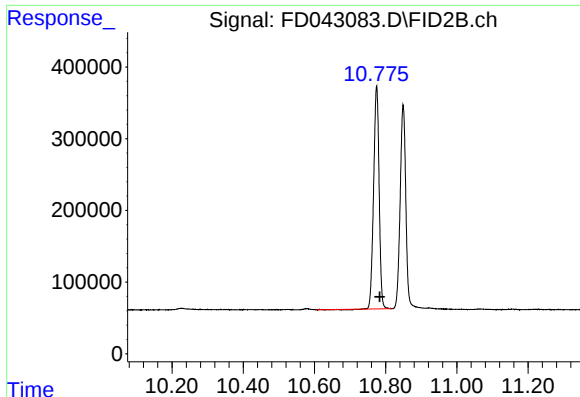
#7 Acenaphthene (C15.5)

R.T.: 8.596 min
Delta R.T.: -0.006 min
Response: 3494478
Conc: 19.96 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.377 min
Delta R.T.: -0.008 min
Response: 3531540
Conc: 20.37 ug/ml



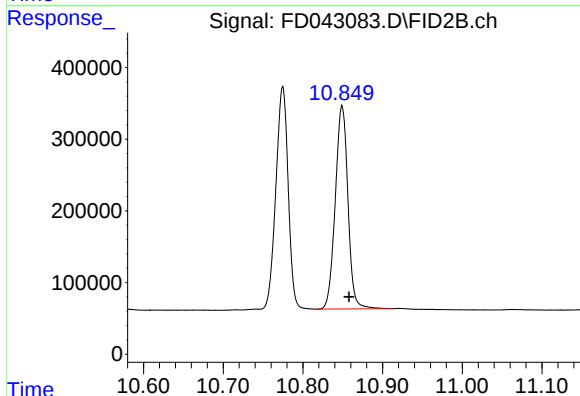
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: -0.009 min
Response: 3326280
Conc: 19.39 ug/ml

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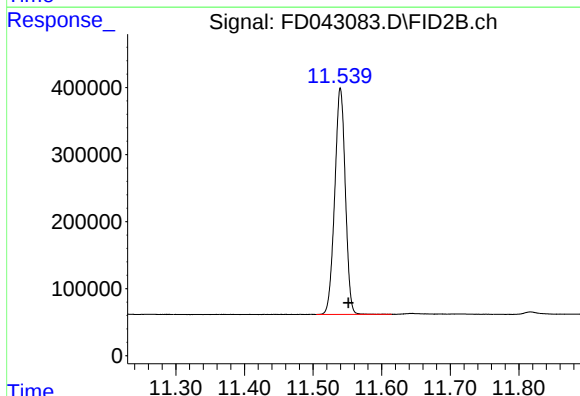
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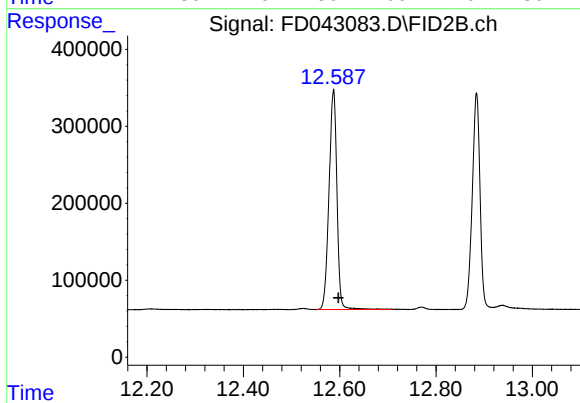
#10 Anthracene (C19.43)

R.T.: 10.849 min
Delta R.T.: -0.009 min
Response: 3136389
Conc: 18.46 ug/ml



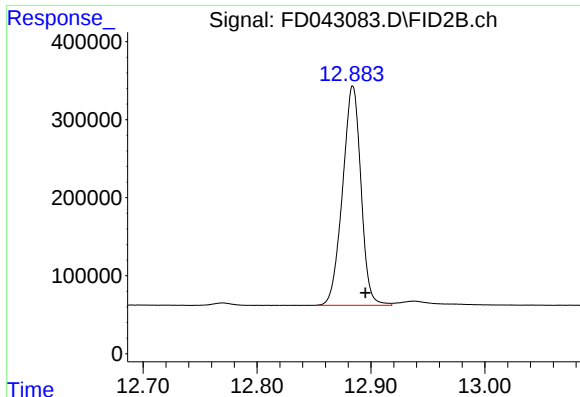
#11 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.011 min
Response: 3619024
Conc: 19.91 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.587 min
Delta R.T.: -0.011 min
Response: 3227937
Conc: 19.25 ug/ml



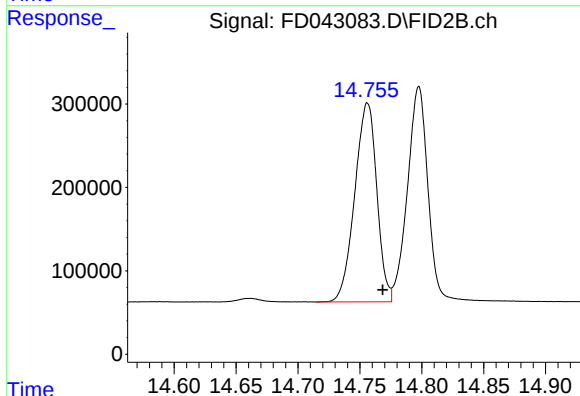
#13 Pyrene (C20.8)

R.T.: 12.883 min
Delta R.T.: -0.012 min
Response: 3152987
Conc: 19.35 ug/ml

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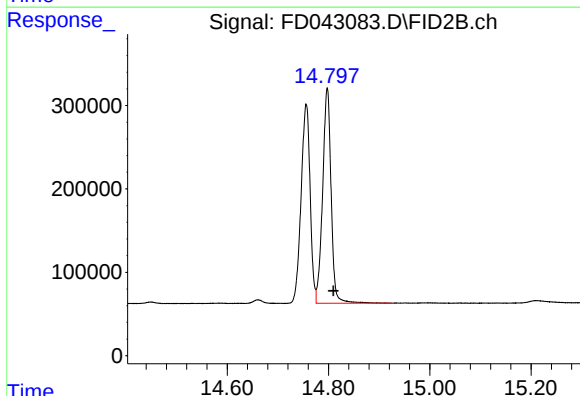
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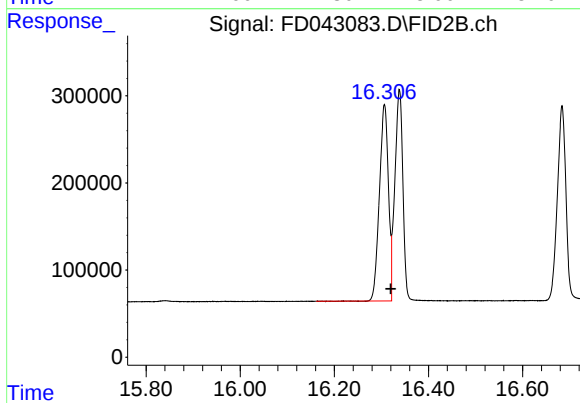
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.756 min
Delta R.T.: -0.012 min
Response: 2957176
Conc: 19.04 ug/ml



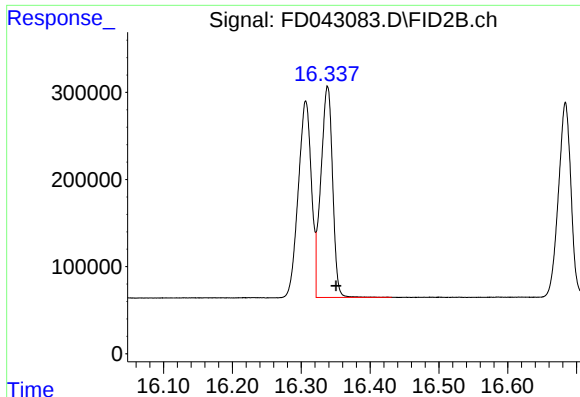
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.012 min
Response: 3007878
Conc: 19.06 ug/ml



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

R.T.: 16.307 min
Delta R.T.: -0.013 min
Response: 2988289
Conc: 19.60 ug/ml



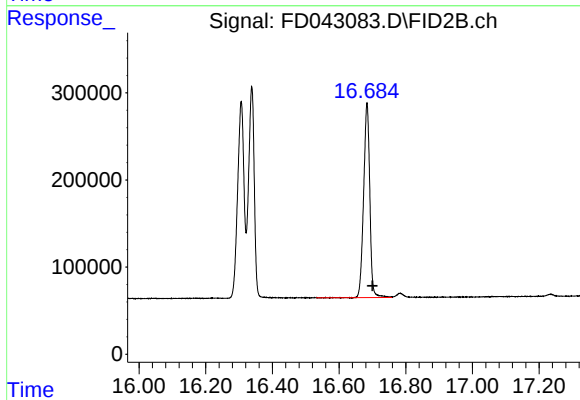
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.338 min
Delta R.T.: -0.013 min
Response: 2875612
Conc: 19.65 ug/ml

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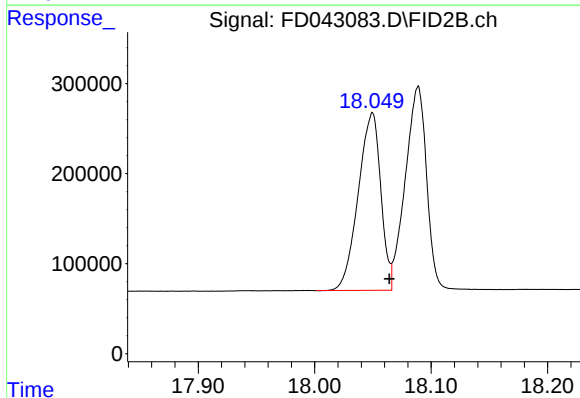
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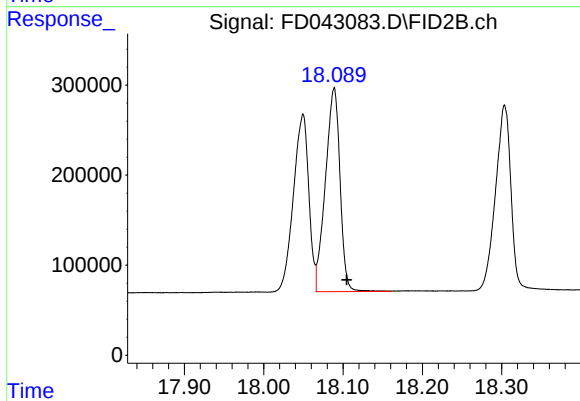
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.684 min
Delta R.T.: -0.016 min
Response: 2861727
Conc: 20.01 ug/ml



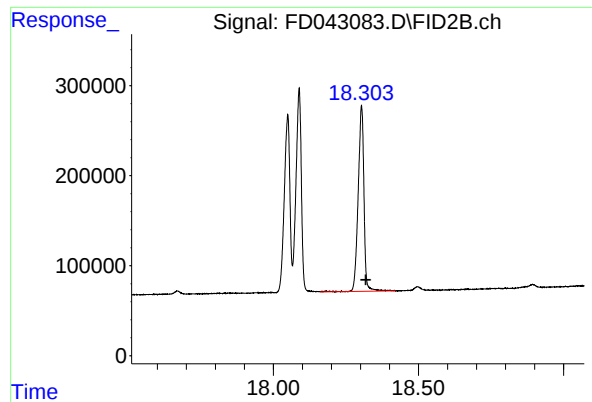
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.049 min
Delta R.T.: -0.015 min
Response: 2654482
Conc: 21.21 ug/ml



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

R.T.: 18.088 min
Delta R.T.: -0.016 min
Response: 2898897
Conc: 21.56 ug/ml



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

R.T.: 18.304 min
Delta R.T.: -0.015 min
Response: 2843635
Conc: 21.80 ug/ml

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