

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062922AR\
 Data File : FD043110.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jun 2022 15:16
 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 06/30/2022
 Supervised By :Ankita Jodhani 06/30/2022

Integration File: autoint1.e
 Quant Time: Jun 30 02:03:19 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	3337182	21.613 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
6) S 2-Fluorobiphenyl (SURR)	8.495	2239445	21.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.46%
11) S ortho-Terphenyl (SURR)	11.539	3769216	20.738 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	3708283	22.080 ug/ml
2) T Naphthalene (C11.7)	5.969	3791700	21.658 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	3469155	21.568 ug/ml
5) T Acenaphthylene (C15.06)	8.298	3704464	20.841 ug/ml
7) T Acenaphthene (C15.5)	8.594	3731893	21.311 ug/ml
8) T Flouorene (C16.55)	9.376	3659704	21.113 ug/ml
9) T Phenanthrene (C19.36)	10.773	3546227	20.676 ug/ml
10) T Anthracene (C19.43)	10.847	3343277	19.679 ug/ml
12) T Fluoranthene (C21.85)	12.585	3360103	20.035 ug/ml
13) T Pyrene (C20.8)	12.882	3290031	20.188 ug/mlm
14) T Benzo[a]anthracene (C...	14.754	3083828	19.857 ug/ml
15) T Chrysene (C27.41)	14.797	3162220	20.036 ug/ml
16) T benzo[b]fluoranthene ...	16.306	3130098	20.534 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	3022870	20.654 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	3003954	21.002 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.048	2777069	22.192 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	3112011	23.148 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	2965856	22.739 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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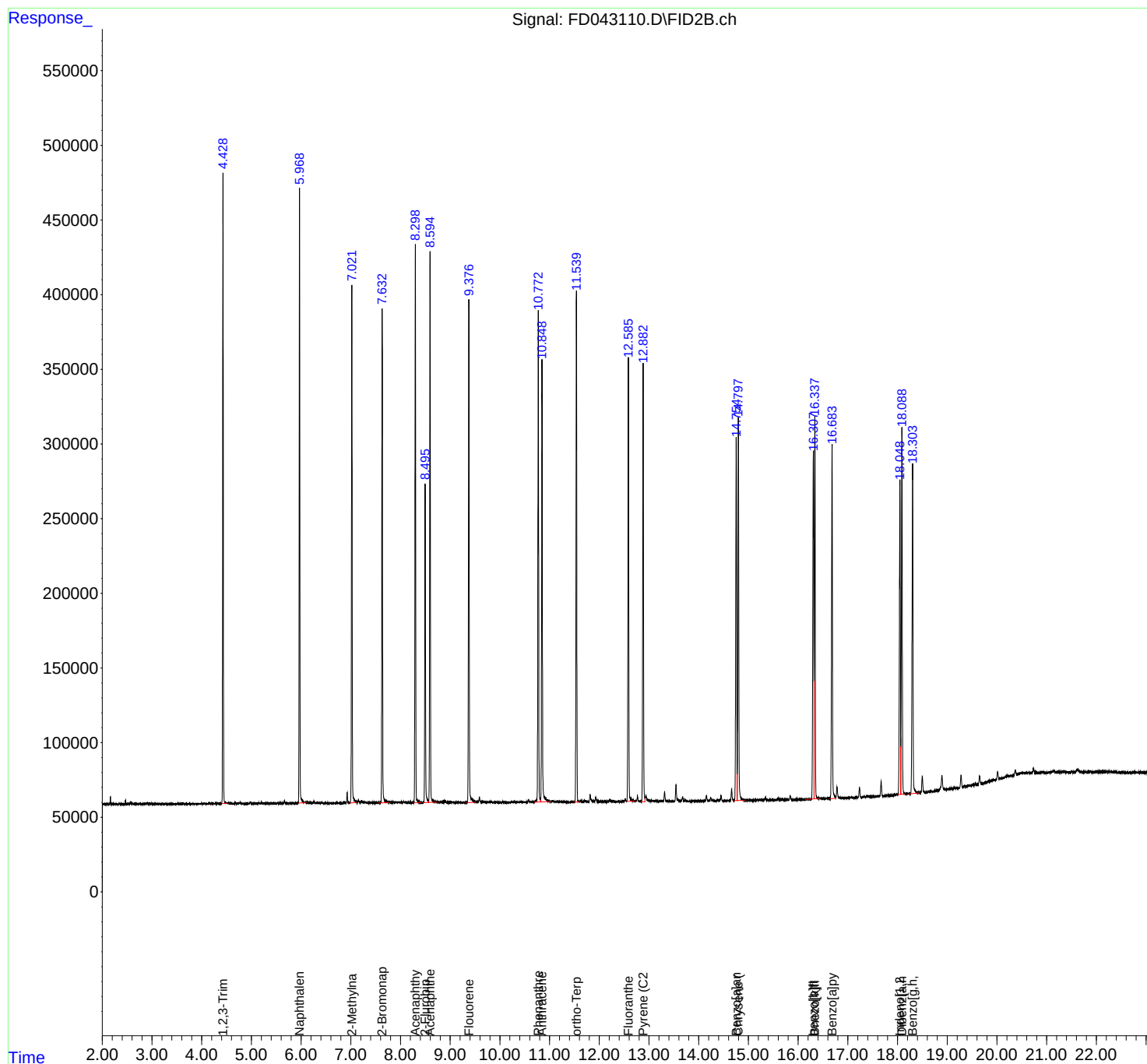
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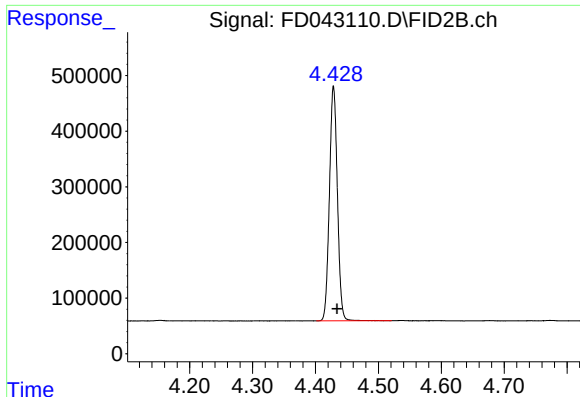
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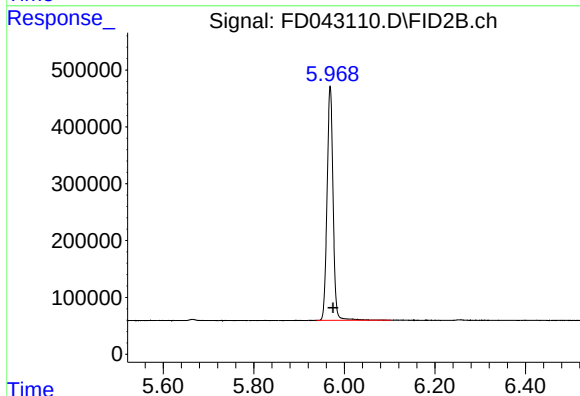
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 3708283
Conc: 22.08 ug/ml

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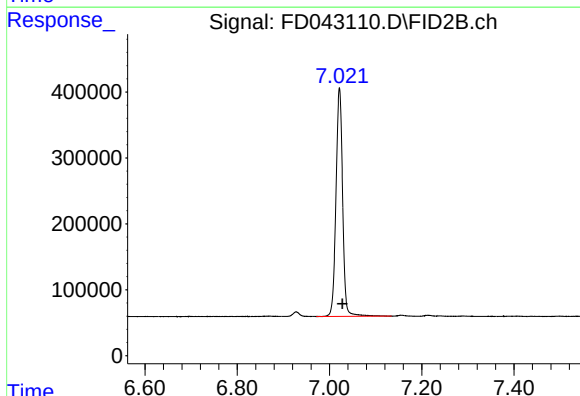
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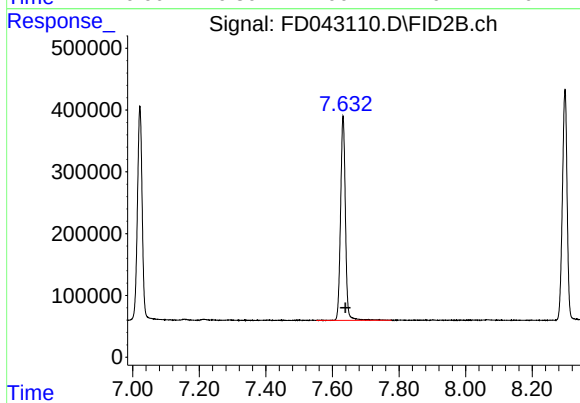
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 3791700
Conc: 21.66 ug/ml



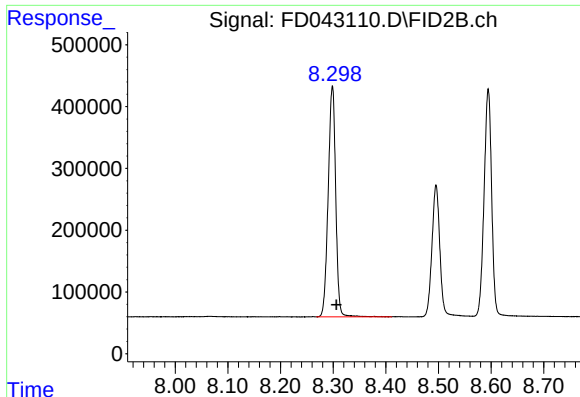
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.006 min
Response: 3469155
Conc: 21.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 3337182
Conc: 21.61 ug/ml



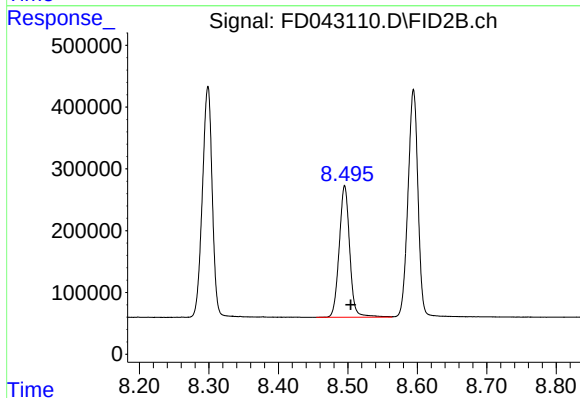
#5 Acenaphthylene (C15.06)

R.T.: 8.298 min
Delta R.T.: -0.008 min
Response: 3704464
Conc: 20.84 ug/ml

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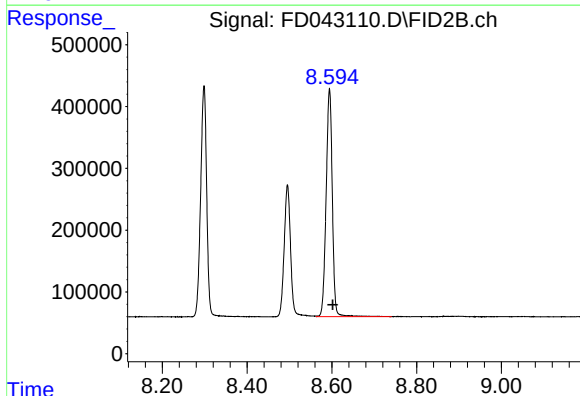
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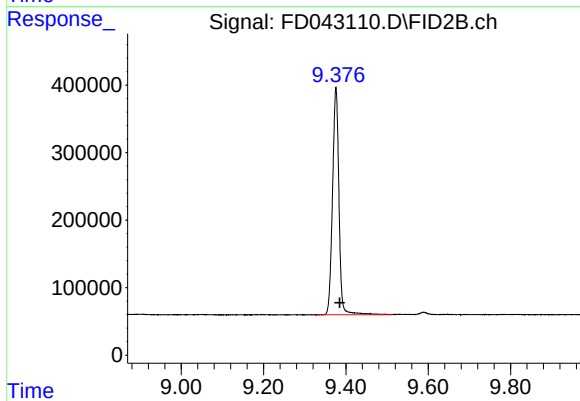
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 2239445
Conc: 21.23 ug/ml



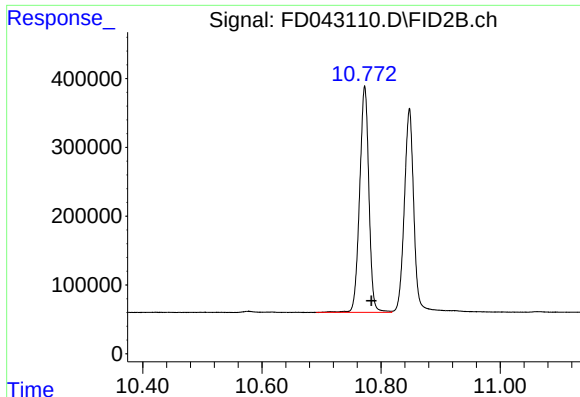
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.007 min
Response: 3731893
Conc: 21.31 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.376 min
Delta R.T.: -0.009 min
Response: 3659704
Conc: 21.11 ug/ml



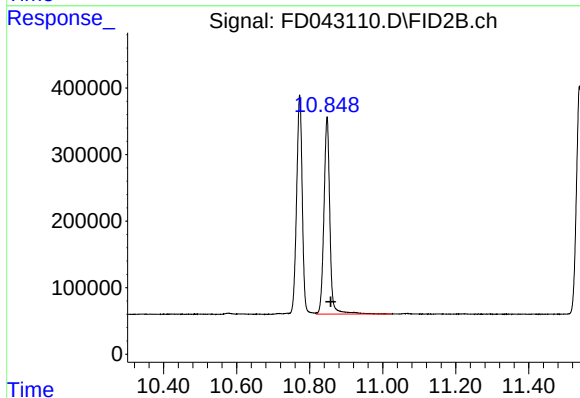
#9 Phenanthrene (C19.36)

R.T.: 10.773 min
Delta R.T.: -0.011 min
Response: 3546227
Conc: 20.68 ug/ml

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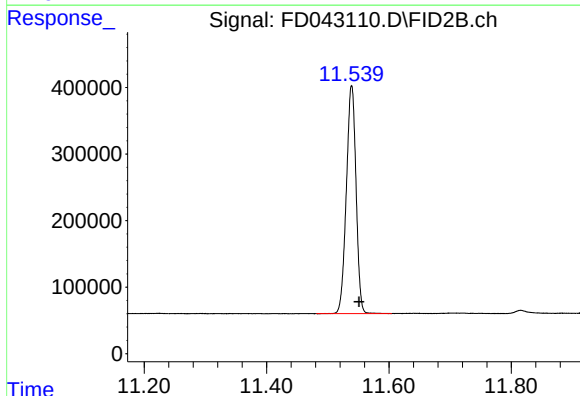
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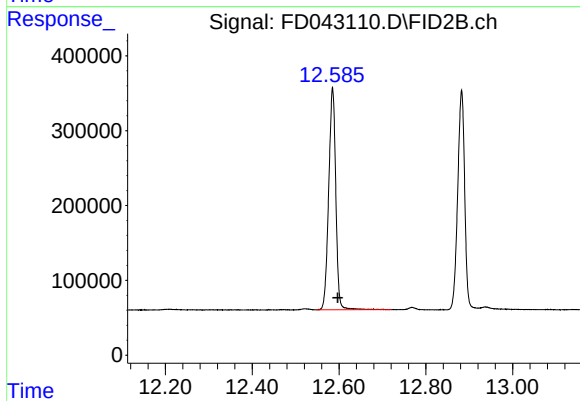
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.011 min
Response: 3343277
Conc: 19.68 ug/ml



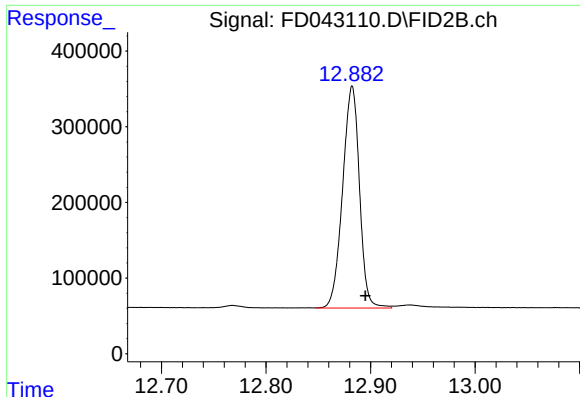
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.012 min
Response: 3769216
Conc: 20.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: -0.012 min
Response: 3360103
Conc: 20.03 ug/ml



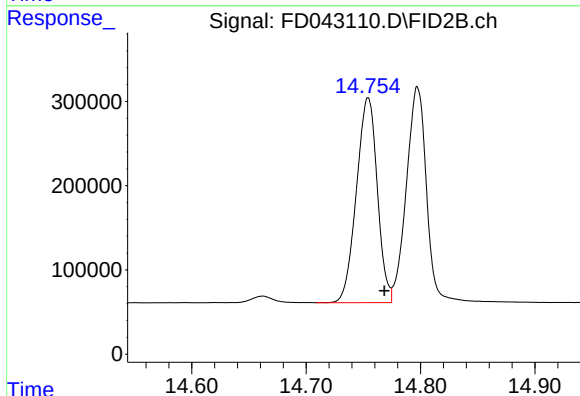
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 3290031
Conc: 20.19 ug/ml

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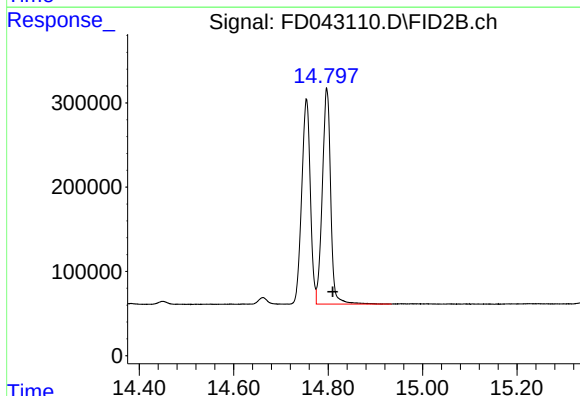
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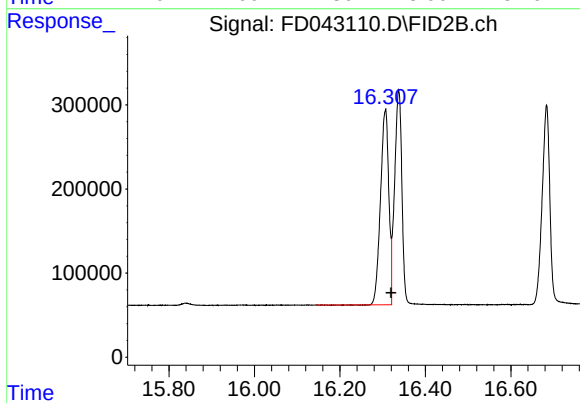
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.014 min
Response: 3083828
Conc: 19.86 ug/ml



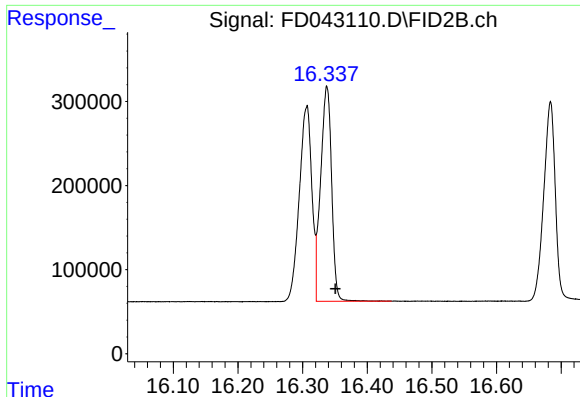
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.013 min
Response: 3162220
Conc: 20.04 ug/ml



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

R.T.: 16.306 min
Delta R.T.: -0.014 min
Response: 3130098
Conc: 20.53 ug/ml



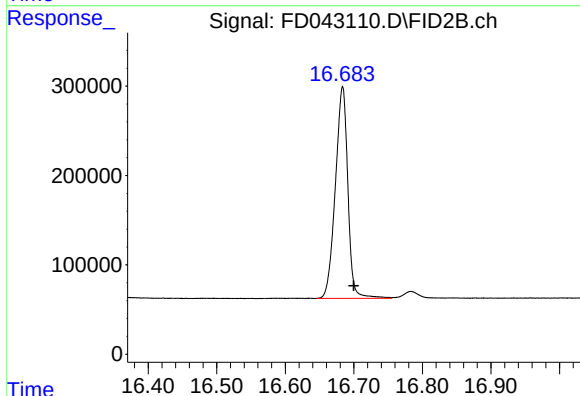
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.337 min
Delta R.T.: -0.013 min
Response: 3022870
Conc: 20.65 ug/ml

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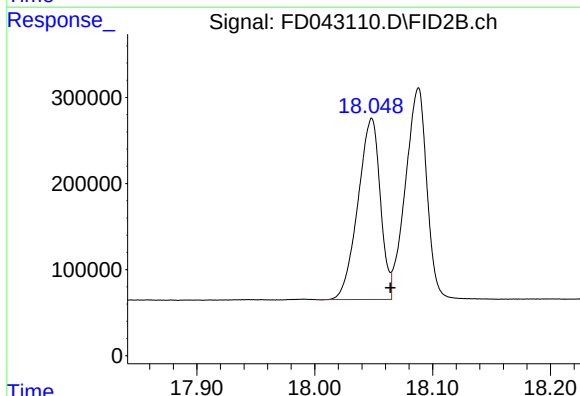
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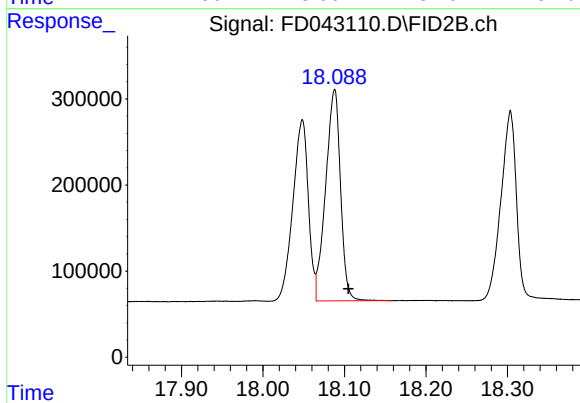
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: -0.017 min
Response: 3003954
Conc: 21.00 ug/ml m



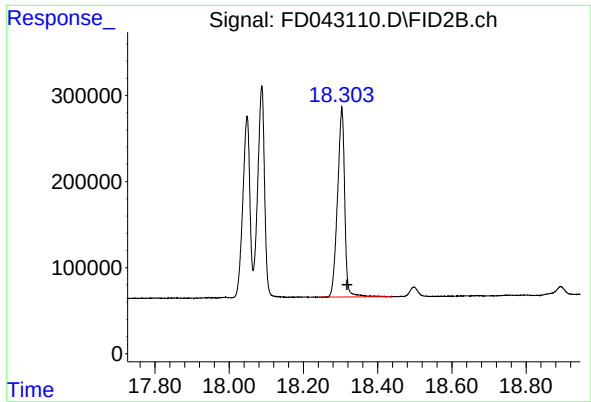
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: -0.016 min
Response: 2777069
Conc: 22.19 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.017 min
Response: 3112011
Conc: 23.15 ug/ml



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

R.T.: 18.303 min
Delta R.T.: -0.015 min
Response: 2965856
Conc: 22.74 ug/ml

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