

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062922AR\
 Data File : FD043103.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jun 2022 09:56
 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

Integration File: autoint1.e
 Quant Time: Jun 30 02:01:54 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...	7.631	3358141	21.748 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
6) S 2-Fluorobiphenyl (SURR)	8.494	2241322	21.250 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.50%
11) S ortho-Terphenyl (SURR)	11.538	3776774	20.780 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.427	3734783	22.237 ug/ml
2) T Naphthalene (C11.7)	5.967	3823710	21.841 ug/ml
3) T 2-Methylnaphthalene (...)	7.020	3486147	21.674 ug/ml
5) T Acenaphthylene (C15.06)	8.297	3715969	20.906 ug/ml
7) T Acenaphthene (C15.5)	8.594	3749335	21.411 ug/ml
8) T Flouorene (C16.55)	9.375	3680834	21.235 ug/ml
9) T Phenanthrene (C19.36)	10.772	3555621	20.731 ug/ml
10) T Anthracene (C19.43)	10.847	3358199	19.766 ug/ml
12) T Fluoranthene (C21.85)	12.584	3346919	19.956 ug/ml
13) T Pyrene (C20.8)	12.881	2954270	18.128 ug/ml
14) T Benzo[a]anthracene (C...	14.753	3051888	19.652 ug/ml
15) T Chrysene (C27.41)	14.795	3123121	19.788 ug/ml
16) T benzo[b]fluoranthene ...	16.304	3094876	20.303 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	2991338	20.438 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	2962315	20.711 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.046	2753627	22.005 ug/ml
20) T Dibenz[a,h]anthracene...	18.086	3063313	22.786 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	2935341	22.505 ug/ml

(f)=RT Delta > 1/2 Window

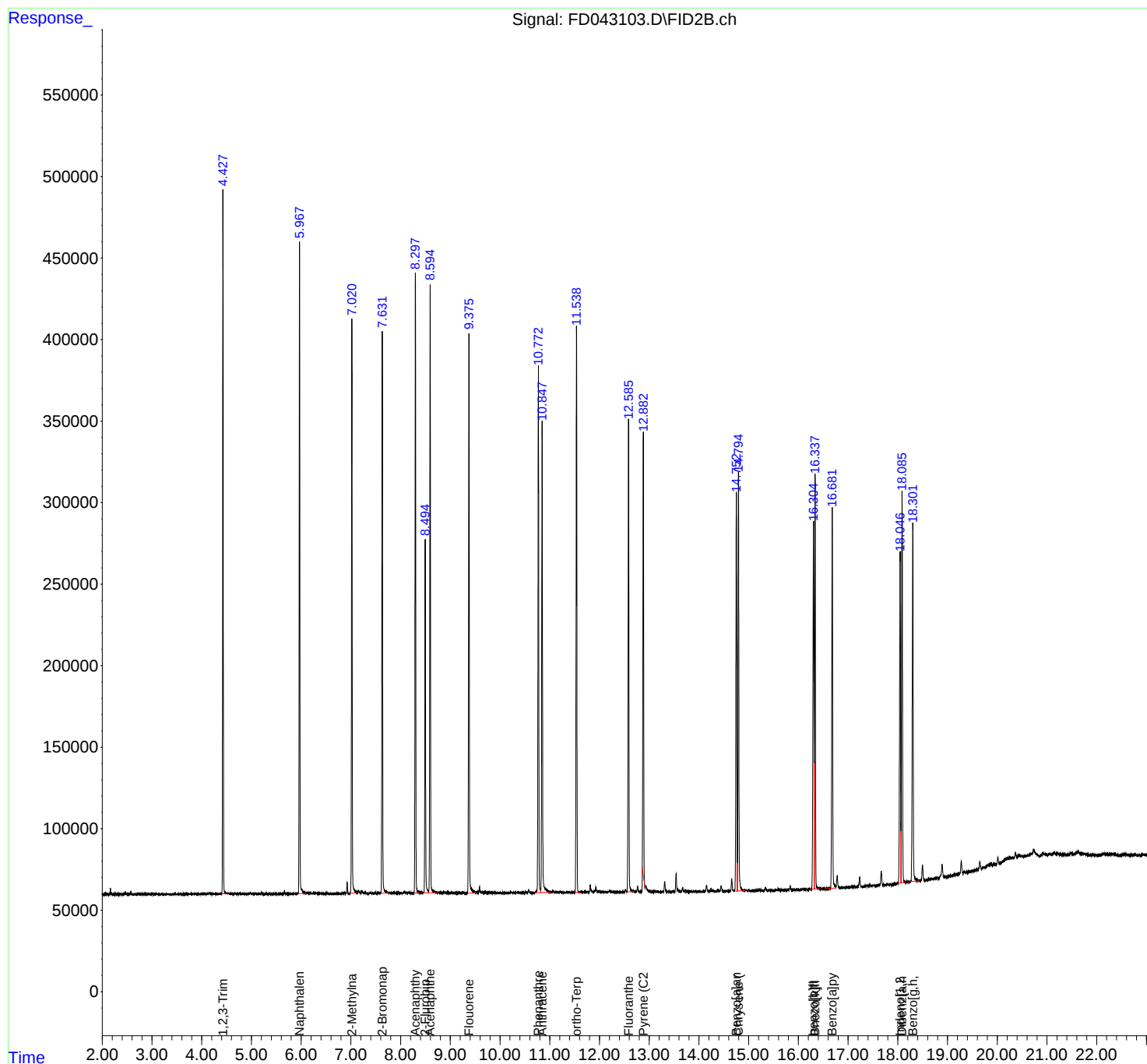
(m)=manual int.

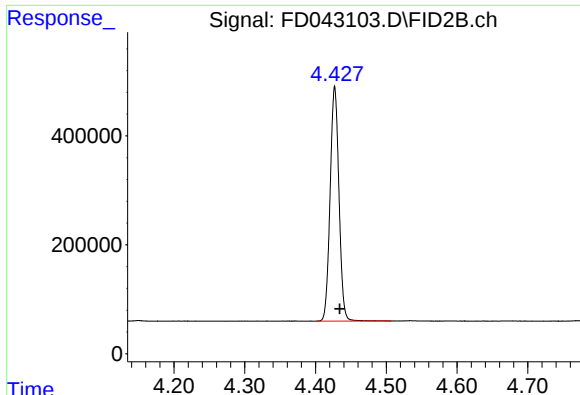
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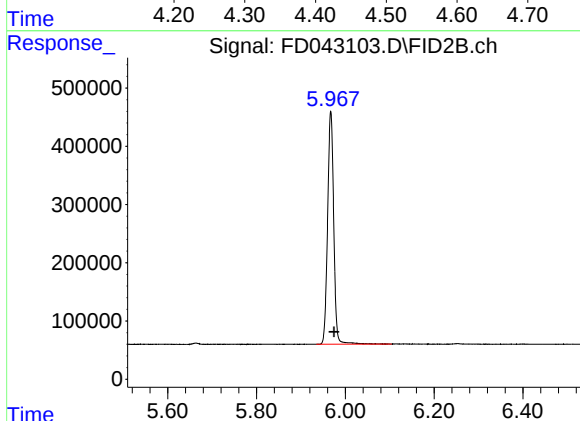




#1 1,2,3-Trimethylbenzene (C10.1)

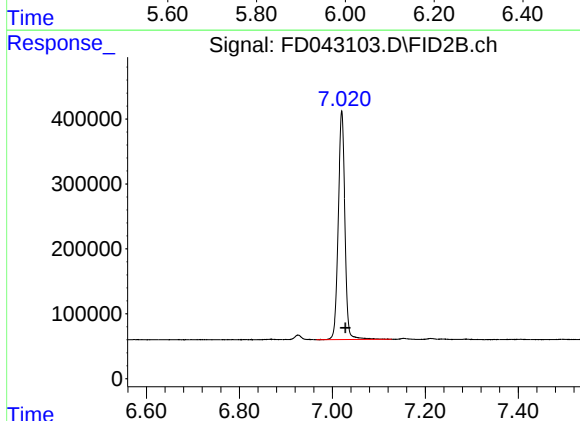
R.T.: 4.427 min
Delta R.T.: -0.007 min
Response: 3734783
Conc: 22.24 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



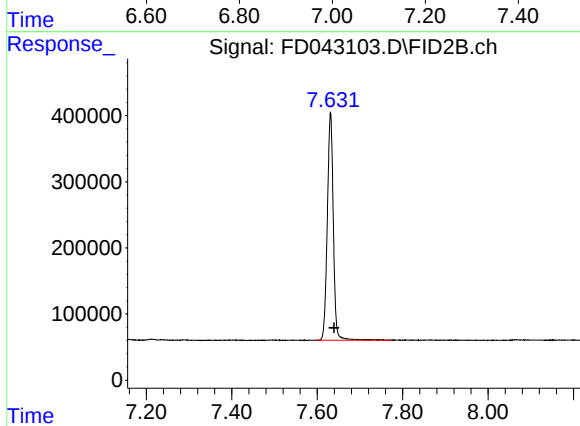
#2 Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.008 min
Response: 3823710
Conc: 21.84 ug/ml



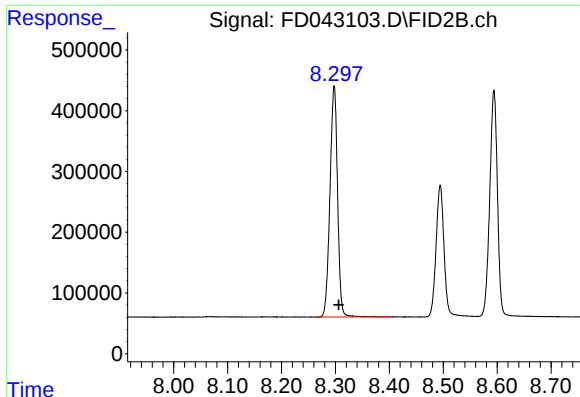
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.008 min
Response: 3486147
Conc: 21.67 ug/ml



#4 2-Bromonaphthalene (SURR)

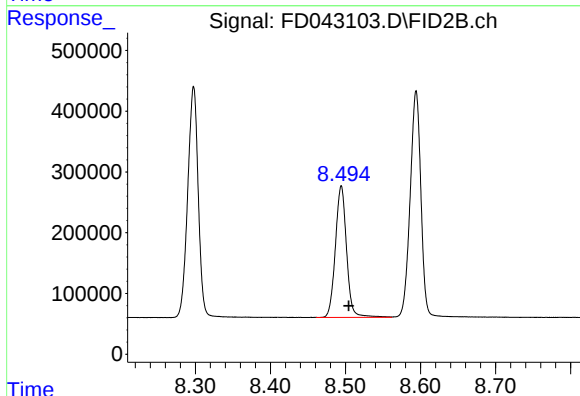
R.T.: 7.631 min
Delta R.T.: -0.008 min
Response: 3358141
Conc: 21.75 ug/ml



#5 Acenaphthylene (C15.06)

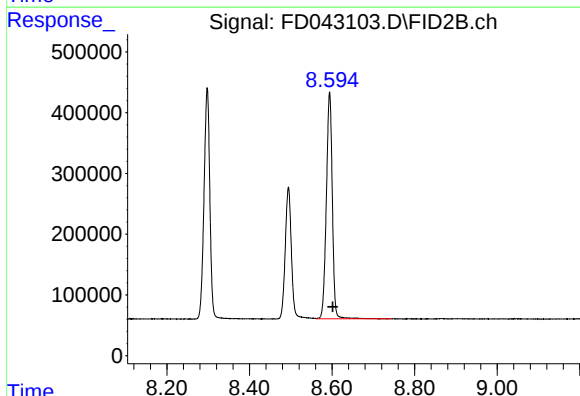
R.T.: 8.297 min
Delta R.T.: -0.008 min
Response: 3715969
Conc: 20.91 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



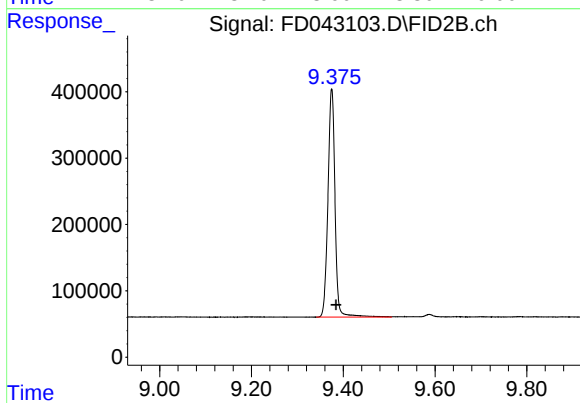
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.010 min
Response: 2241322
Conc: 21.25 ug/ml



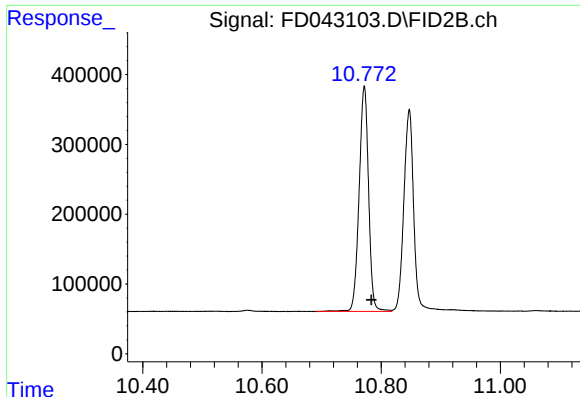
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.008 min
Response: 3749335
Conc: 21.41 ug/ml



#8 Fluorene (C16.55)

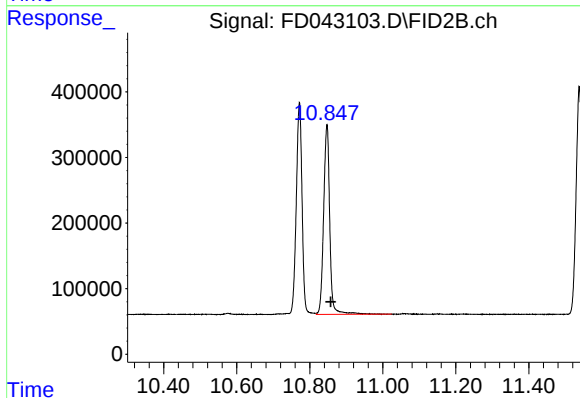
R.T.: 9.375 min
Delta R.T.: -0.010 min
Response: 3680834
Conc: 21.23 ug/ml



#9 Phenanthrene (C19.36)

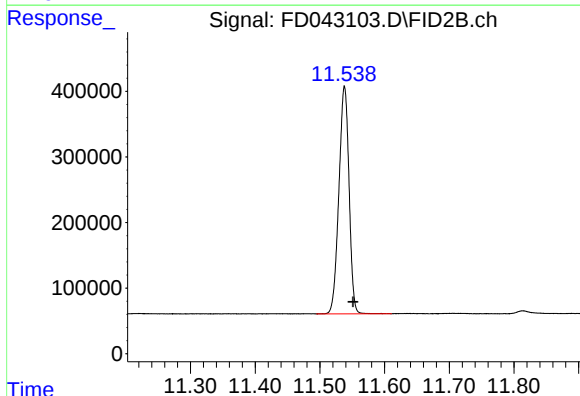
R.T.: 10.772 min
Delta R.T.: -0.012 min
Response: 3555621
Conc: 20.73 ug/ml

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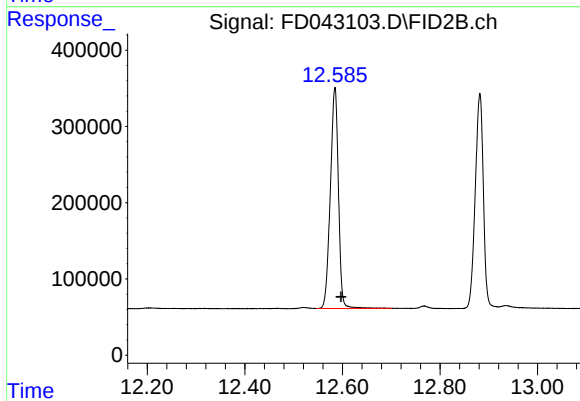
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.011 min
Response: 3358199
Conc: 19.77 ug/ml



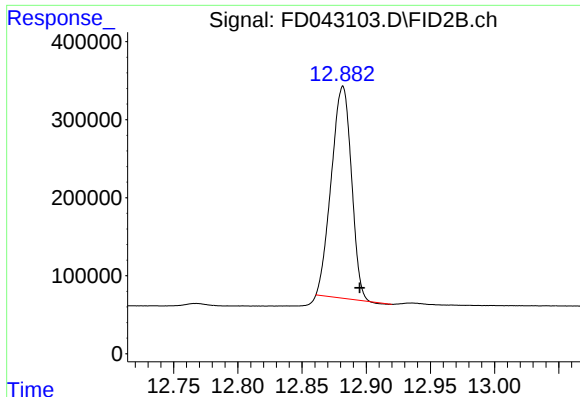
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.013 min
Response: 3776774
Conc: 20.78 ug/ml



#12 Fluoranthene (C21.85)

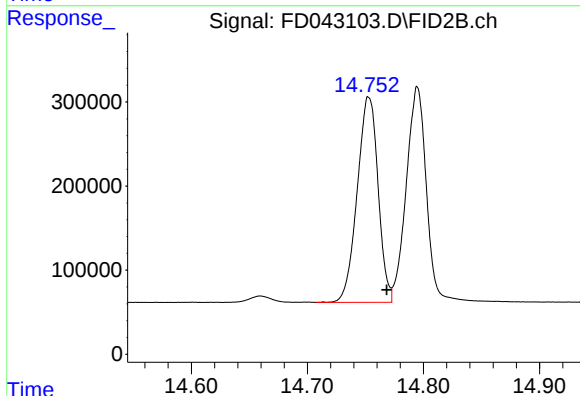
R.T.: 12.584 min
Delta R.T.: -0.013 min
Response: 3346919
Conc: 19.96 ug/ml



#13 Pyrene (C20.8)

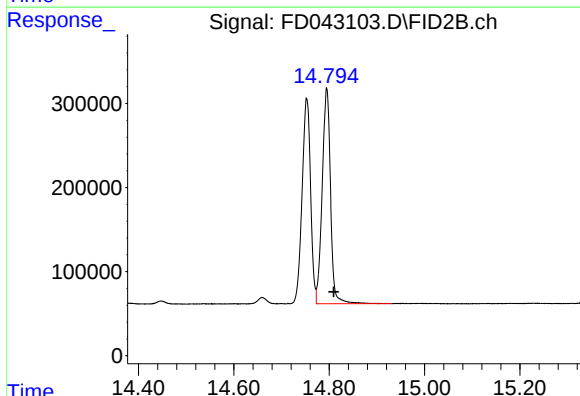
R.T.: 12.881 min
Delta R.T.: -0.014 min
Response: 2954270
Conc: 18.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



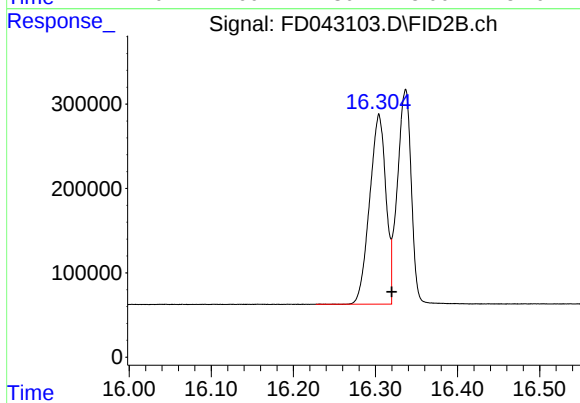
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.015 min
Response: 3051888
Conc: 19.65 ug/ml



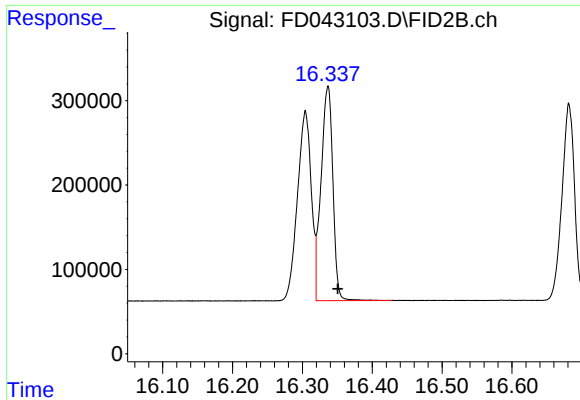
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.015 min
Response: 3123121
Conc: 19.79 ug/ml



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

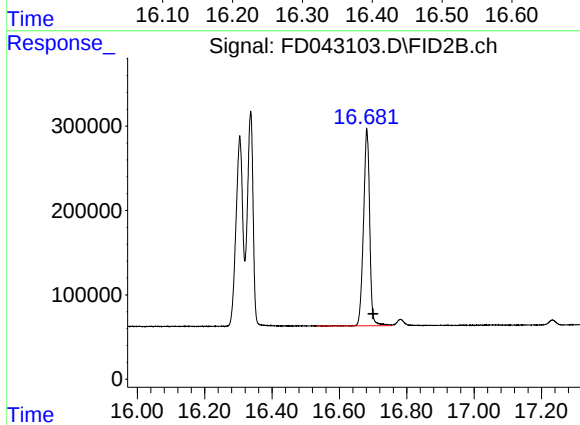
R.T.: 16.304 min
Delta R.T.: -0.016 min
Response: 3094876
Conc: 20.30 ug/ml



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

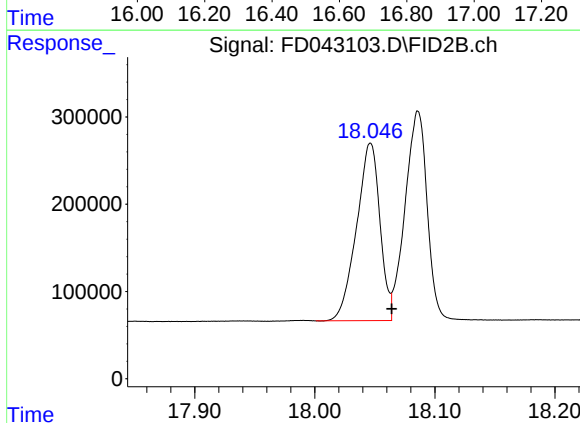
R.T.: 16.336 min
Delta R.T.: -0.014 min
Response: 2991338
Conc: 20.44 ug/ml

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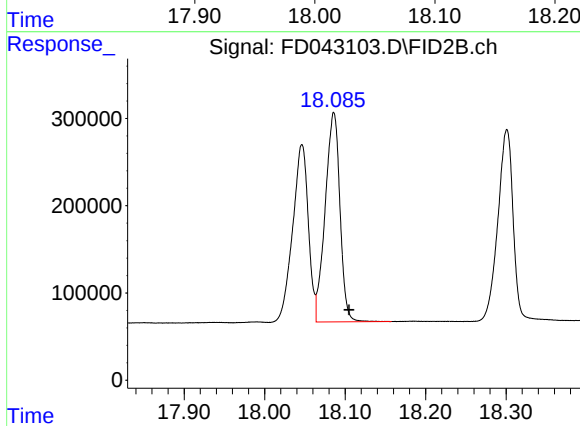
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: -0.018 min
Response: 2962315
Conc: 20.71 ug/ml



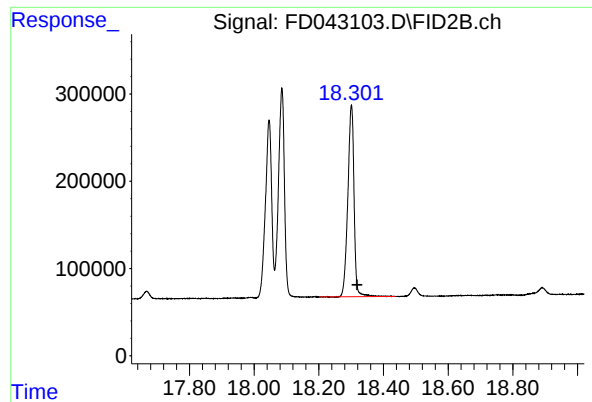
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.046 min
Delta R.T.: -0.018 min
Response: 2753627
Conc: 22.00 ug/ml



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

R.T.: 18.086 min
Delta R.T.: -0.019 min
Response: 3063313
Conc: 22.79 ug/ml



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

R.T.: 18.301 min
Delta R.T.: -0.018 min
Response: 2935341
Conc: 22.51 ug/ml

Instrument :

FID_D

ClientSampleId :

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