

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043127.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 13:52
 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 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 04:02:46 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...	7.628	3405197	22.053 ug/ml
Spiked Amount 50.000		Recovery =	44.11%
6) S 2-Fluorobiphenyl (SURR)	8.491	2279817	21.615 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.23%
11) S ortho-Terphenyl (SURR)	11.535	3847060	21.167 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	3796641	22.606 ug/ml
2) T Naphthalene (C11.7)	5.964	3873214	22.124 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3543595	22.031 ug/ml
5) T Acenaphthylene (C15.06)	8.294	3774933	21.238 ug/ml
7) T Acenaphthene (C15.5)	8.590	3820980	21.820 ug/ml
8) T Flouorene (C16.55)	9.371	3721951	21.472 ug/ml
9) T Phenanthrene (C19.36)	10.768	3618899	21.100 ug/ml
10) T Anthracene (C19.43)	10.843	3362560	19.792 ug/ml
12) T Fluoranthene (C21.85)	12.580	3422577	20.407 ug/ml
13) T Pyrene (C20.8)	12.878	3357108	20.600 ug/mlm
14) T Benzo[a]anthracene (C...	14.750	3116319	20.067 ug/ml
15) T Chrysene (C27.41)	14.792	3202931	20.294 ug/ml
16) T benzo[b]fluoranthene ...	16.301	3177514	20.845 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.332	3086950	21.091 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	3026699	21.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.043	2836717	22.669 ug/mlm
20) T Dibenz[a,h]anthracene...	18.083	3181757	23.667 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	3011359	23.088 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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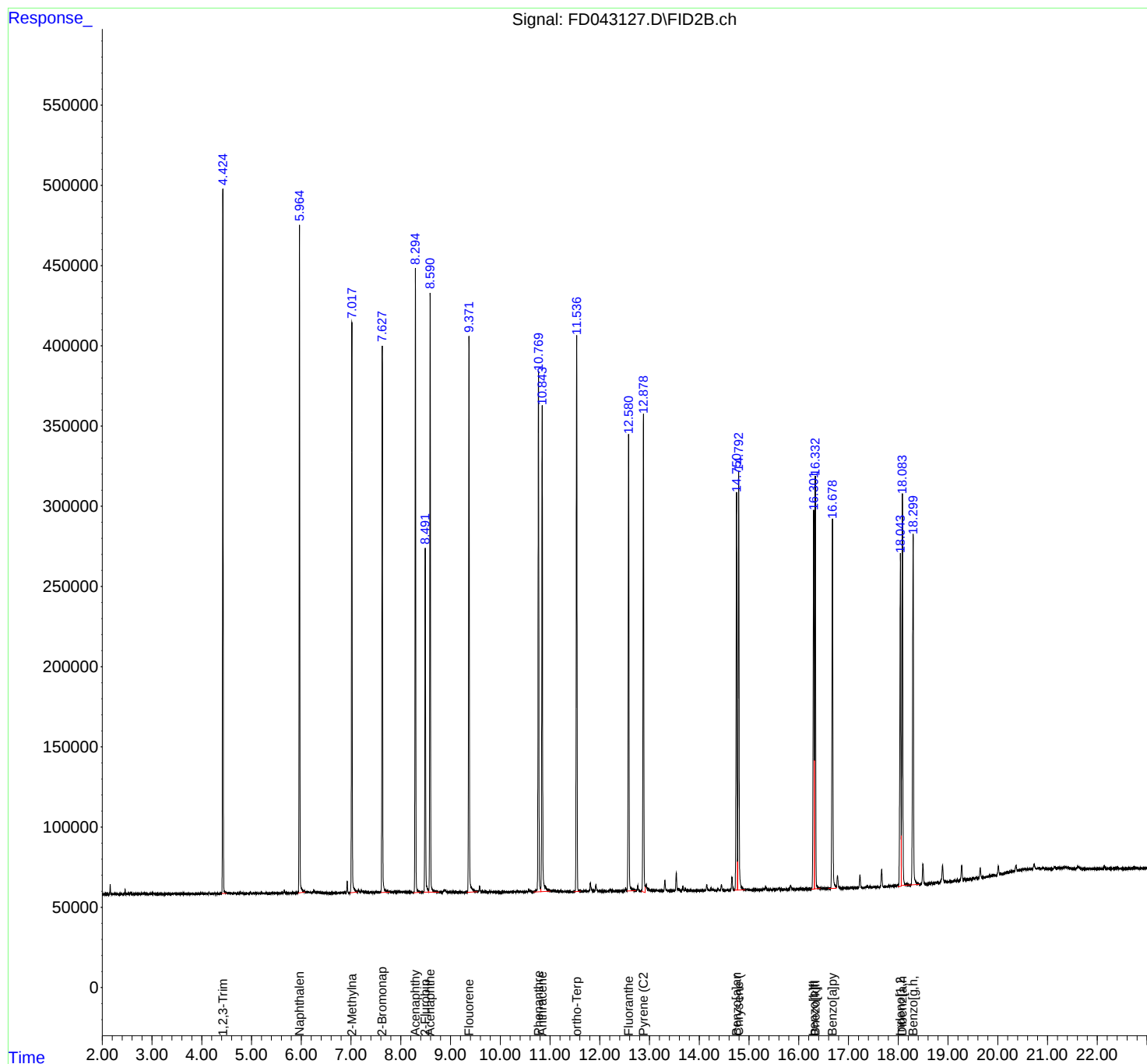
Instrument :
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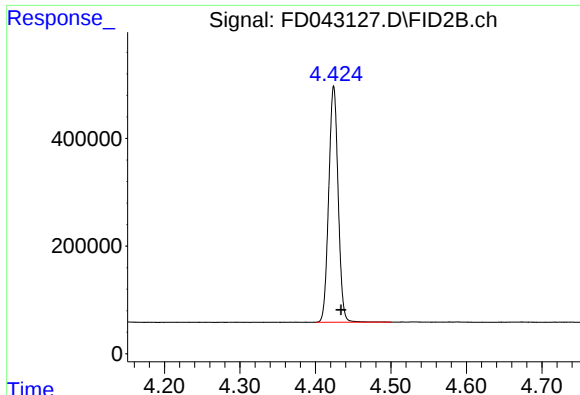
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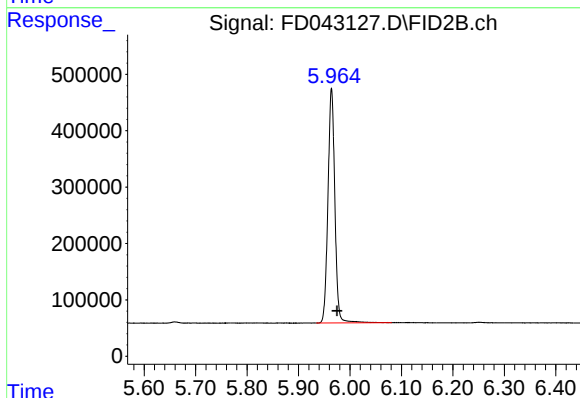
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 3796641
Conc: 22.61 ug/ml

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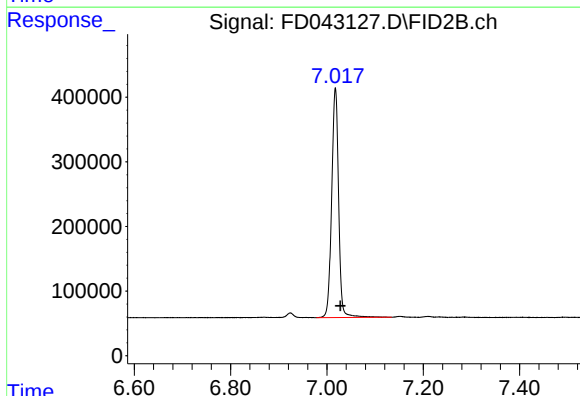
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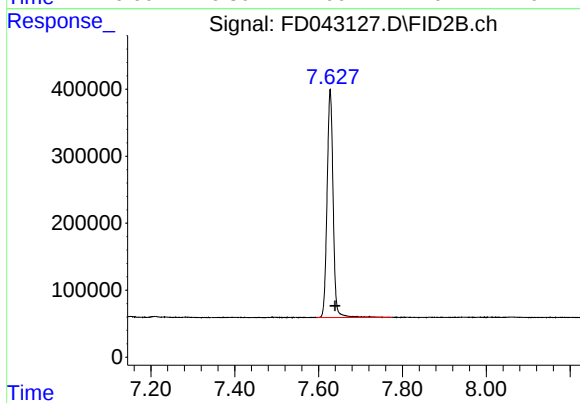
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 3873214
Conc: 22.12 ug/ml



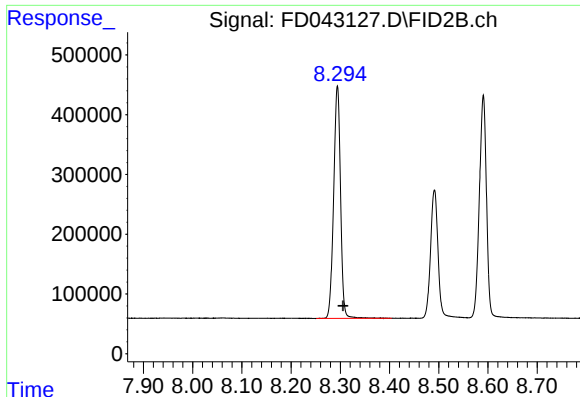
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.011 min
Response: 3543595
Conc: 22.03 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 3405197
Conc: 22.05 ug/ml



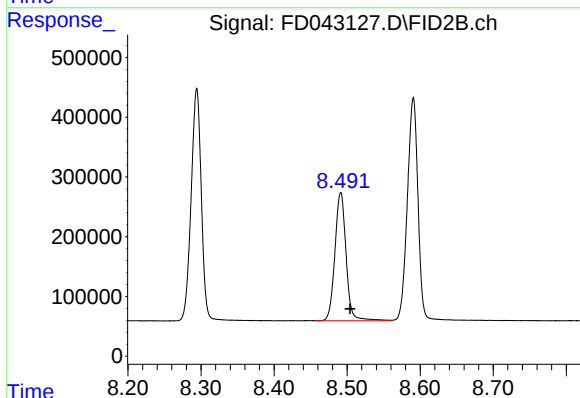
#5 Acenaphthylene (C15.06)

R.T.: 8.294 min
Delta R.T.: -0.012 min
Response: 3774933
Conc: 21.24 ug/ml

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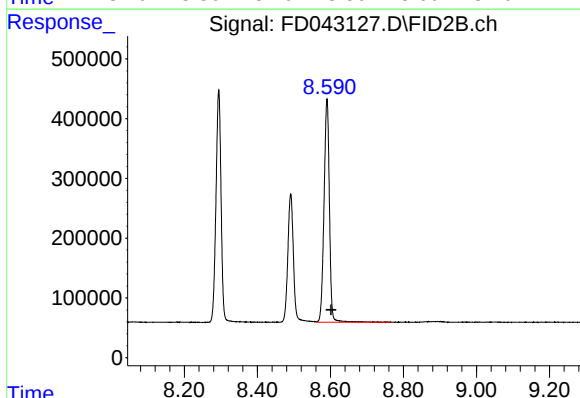
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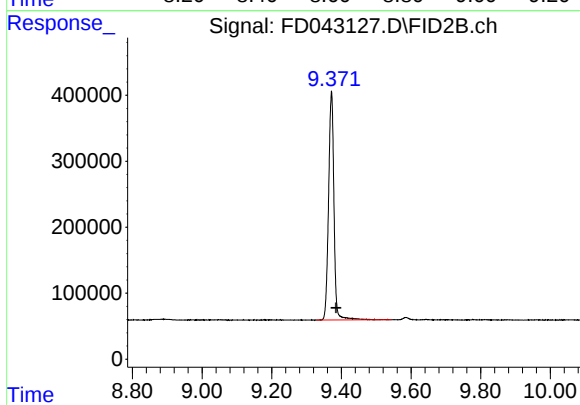
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 2279817
Conc: 21.61 ug/ml



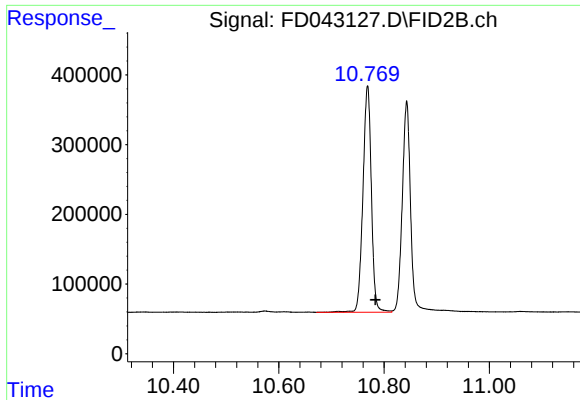
#7 Acenaphthene (C15.5)

R.T.: 8.590 min
Delta R.T.: -0.011 min
Response: 3820980
Conc: 21.82 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.371 min
Delta R.T.: -0.013 min
Response: 3721951
Conc: 21.47 ug/ml



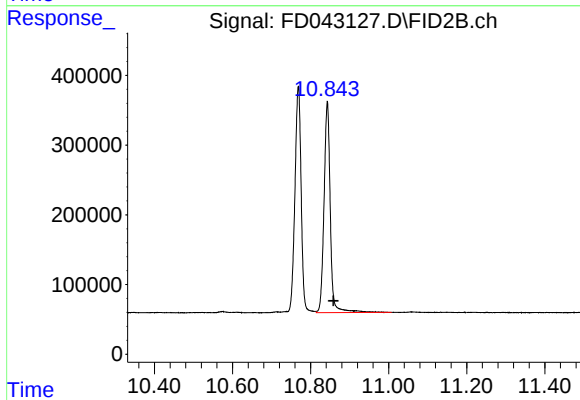
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: -0.015 min
Response: 3618899
Conc: 21.10 ug/ml

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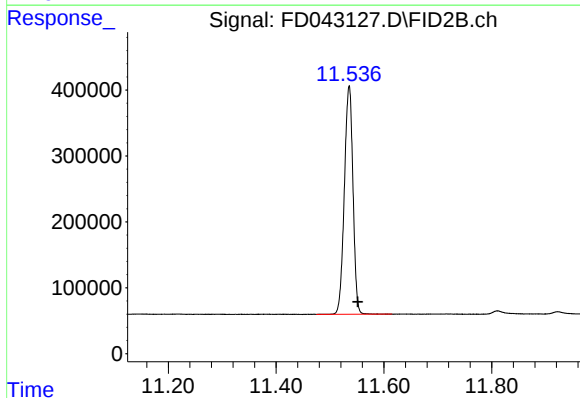
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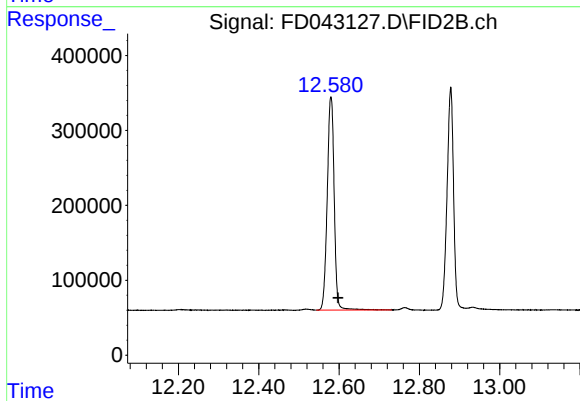
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: -0.015 min
Response: 3362560
Conc: 19.79 ug/ml



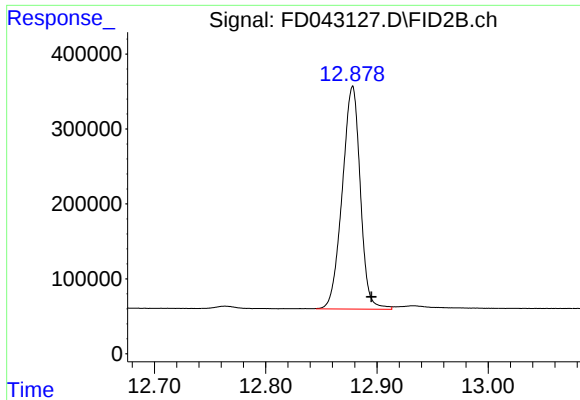
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.016 min
Response: 3847060
Conc: 21.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.018 min
Response: 3422577
Conc: 20.41 ug/ml



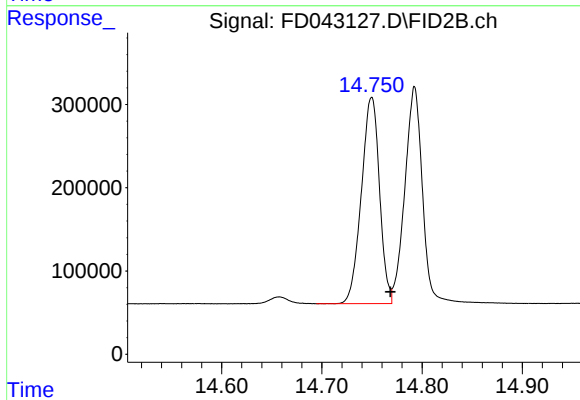
#13 Pyrene (C20.8)

R.T.: 12.878 min
Delta R.T.: -0.017 min
Response: 3357108
Conc: 20.60 ug/ml

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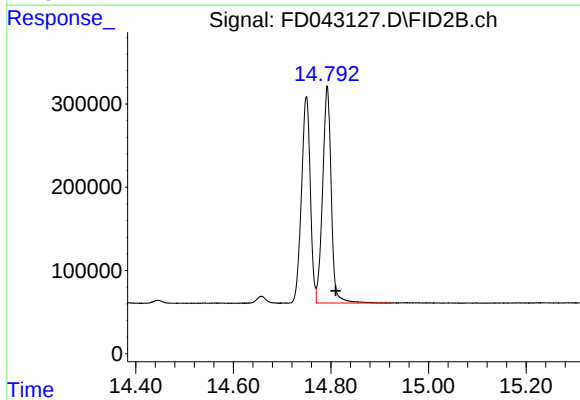
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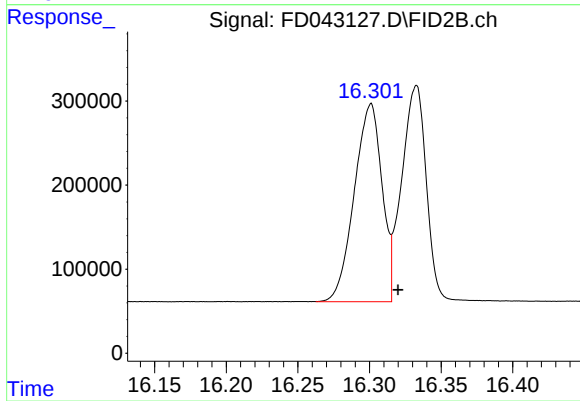
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: -0.019 min
Response: 3116319
Conc: 20.07 ug/ml



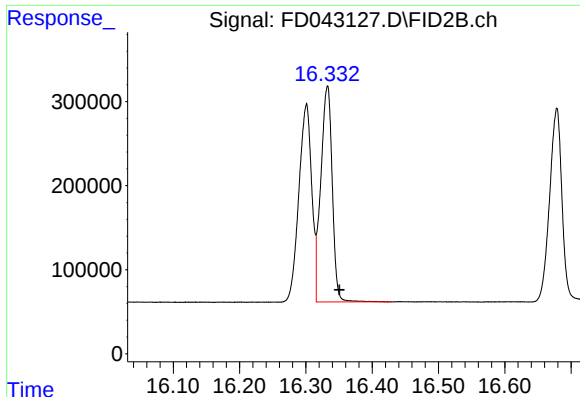
#15 Chrysene (C27.41)

R.T.: 14.792 min
Delta R.T.: -0.018 min
Response: 3202931
Conc: 20.29 ug/ml



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

R.T.: 16.301 min
Delta R.T.: -0.019 min
Response: 3177514
Conc: 20.84 ug/ml m



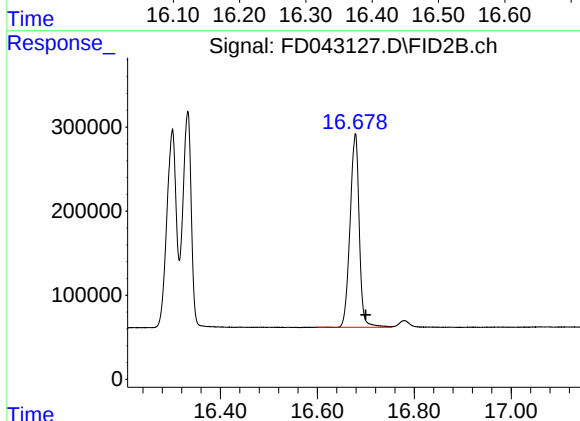
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.332 min
Delta R.T.: -0.018 min
Response: 3086950
Conc: 21.09 ug/ml

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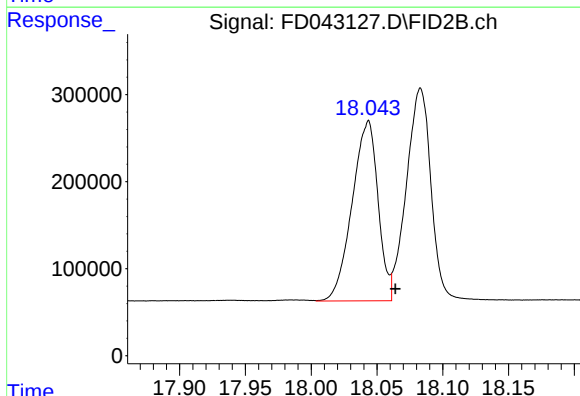
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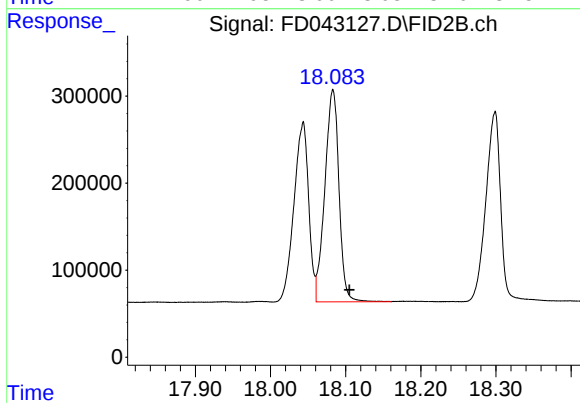
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.022 min
Response: 3026699
Conc: 21.16 ug/ml



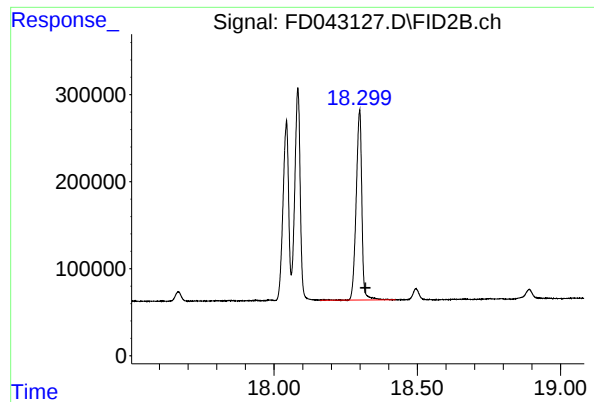
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.043 min
Delta R.T.: -0.021 min
Response: 2836717
Conc: 22.67 ug/ml m



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

R.T.: 18.083 min
Delta R.T.: -0.022 min
Response: 3181757
Conc: 23.67 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.020 min
Response: 3011359
Conc: 23.09 ug/ml

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