

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043173.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 11:36
 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 07/07/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: sample.E
 Quant Time: Jul 07 01:54:43 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...	7.629	3189227	20.654 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
6) S 2-Fluorobiphenyl (SURR)	8.494	2125856	20.155 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.31%
11) S ortho-Terphenyl (SURR)	11.538	3610512	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	3573060	21.274 ug/ml
2) T Naphthalene (C11.7)	5.965	3632960	20.751 ug/ml
3) T 2-Methylnaphthalene (...)	7.019	3323126	20.661 ug/ml
5) T Acenaphthylene (C15.06)	8.296	3556551	20.009 ug/ml
7) T Acenaphthene (C15.5)	8.592	3551975	20.284 ug/ml
8) T Flouorene (C16.55)	9.374	3475155	20.048 ug/ml
9) T Phenanthrene (C19.36)	10.772	3351515	19.541 ug/ml
10) T Anthracene (C19.43)	10.847	3239954	19.070 ug/ml
12) T Fluoranthene (C21.85)	12.585	3164294	18.867 ug/ml
13) T Pyrene (C20.8)	12.883	3095281	18.993 ug/mlm
14) T Benzo[a]anthracene (C...	14.755	2881824	18.557 ug/ml
15) T Chrysene (C27.41)	14.797	2953566	18.714 ug/ml
16) T benzo[b]fluoranthene ...	16.306	2972920	19.503 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.338	2885753	19.717 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.685	2839478	19.852 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.051	2632151	21.034 ug/ml
20) T Dibenz[a,h]anthracene...	18.090	2872615	21.368 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	2796063	21.437 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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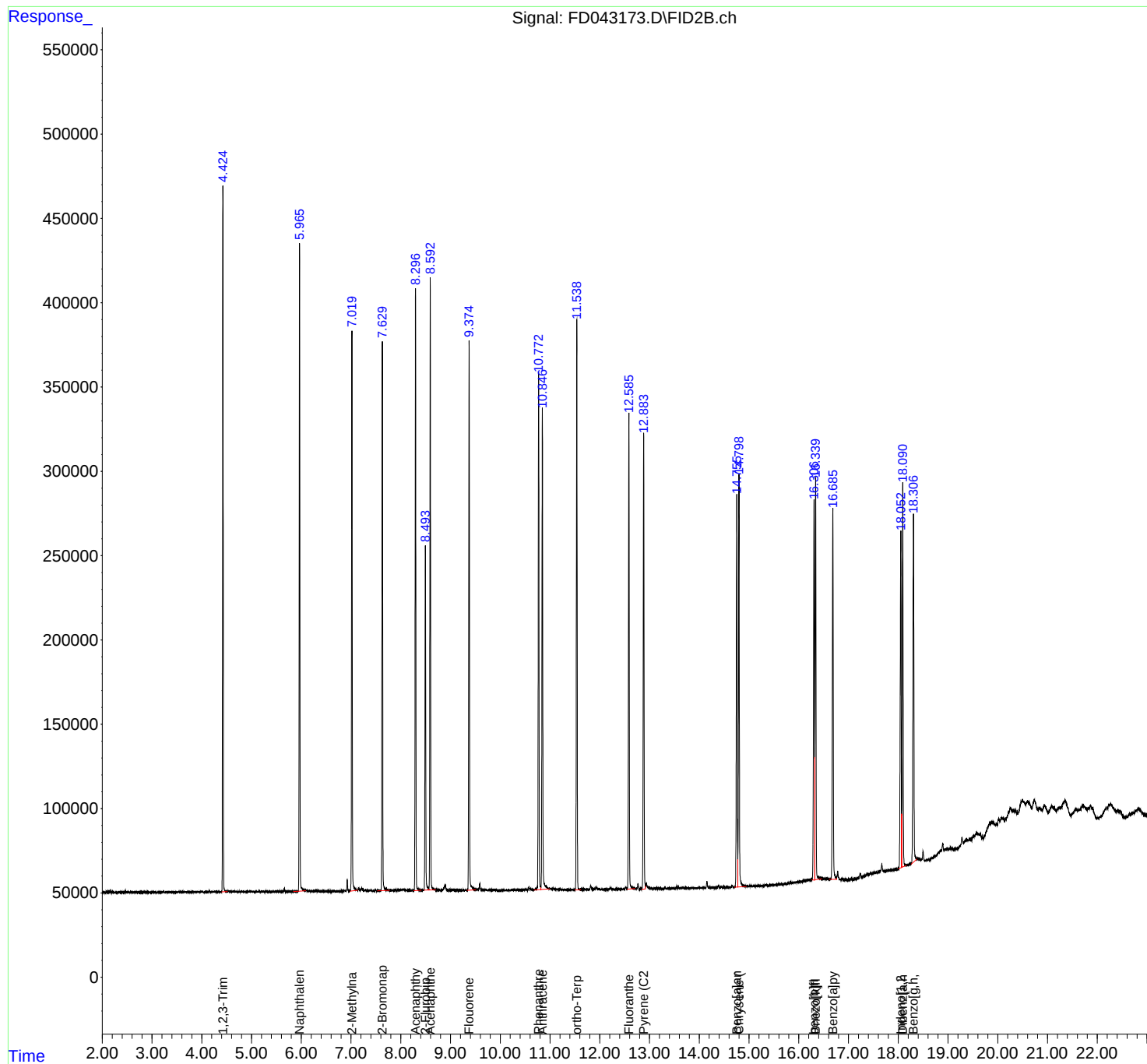
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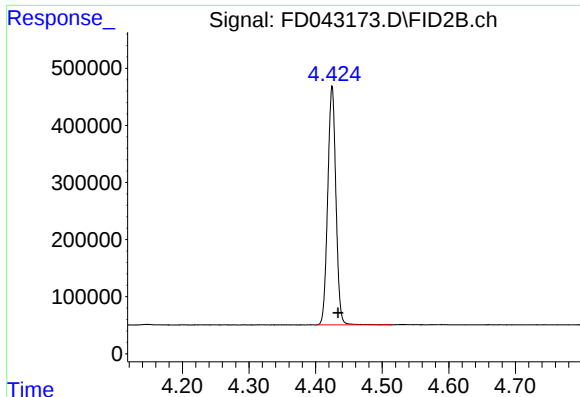
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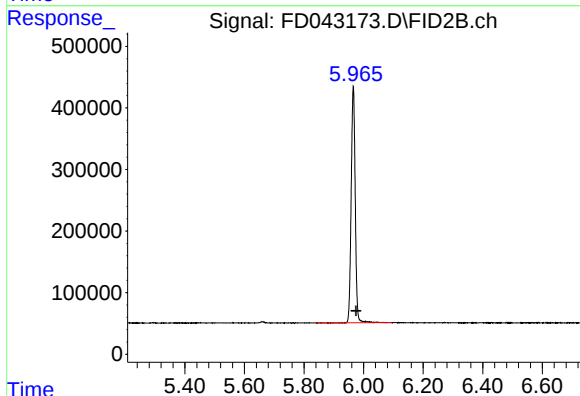
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.009 min
Response: 3573060
Conc: 21.27 ug/ml

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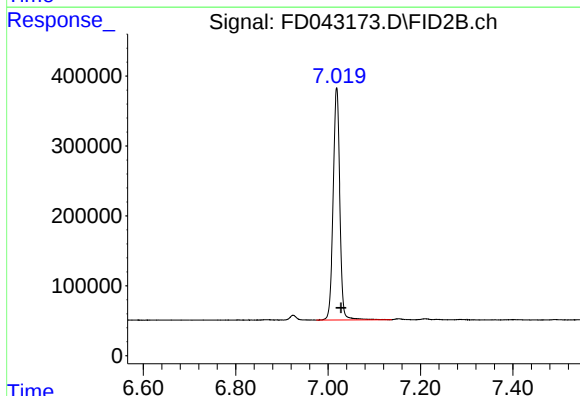
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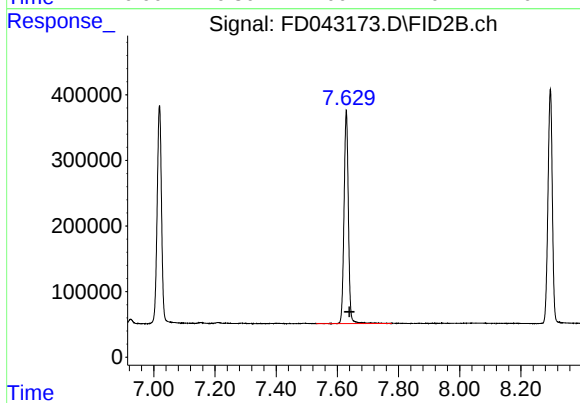
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 3632960
Conc: 20.75 ug/ml



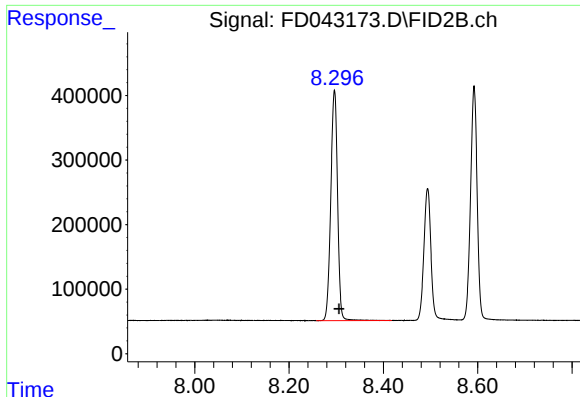
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.010 min
Response: 3323126
Conc: 20.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 3189227
Conc: 20.65 ug/ml



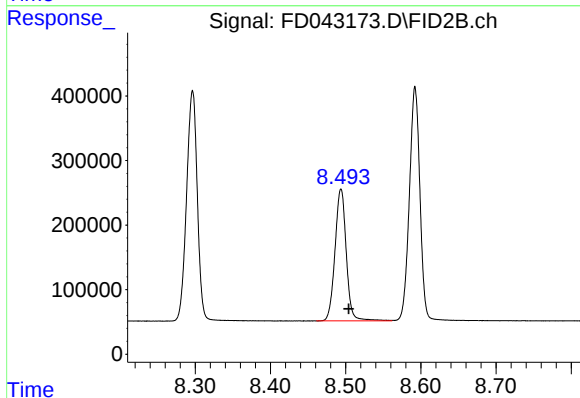
#5 Acenaphthylene (C15.06)

R.T.: 8.296 min
Delta R.T.: -0.010 min
Response: 3556551
Conc: 20.01 ug/ml

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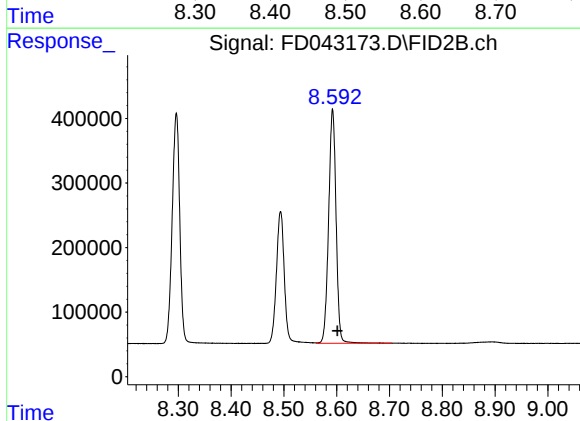
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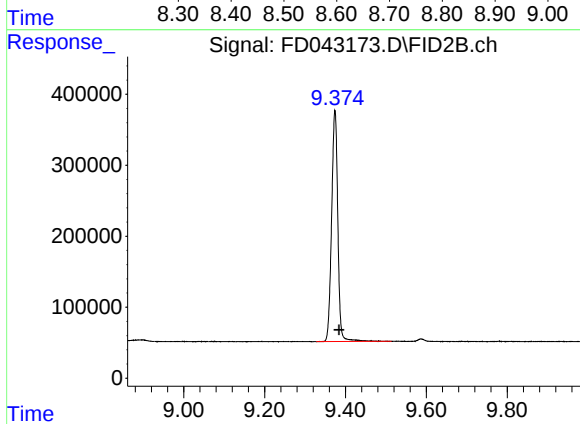
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.010 min
Response: 2125856
Conc: 20.16 ug/ml



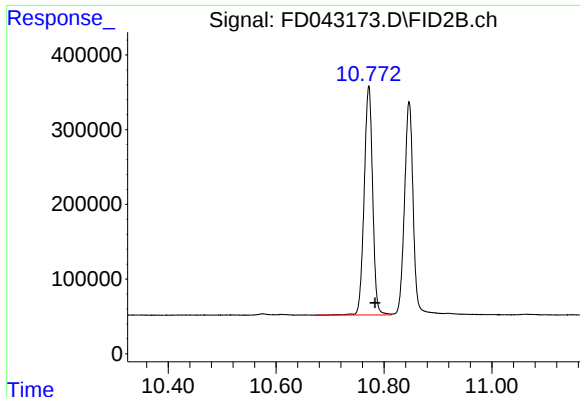
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.009 min
Response: 3551975
Conc: 20.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: -0.011 min
Response: 3475155
Conc: 20.05 ug/ml



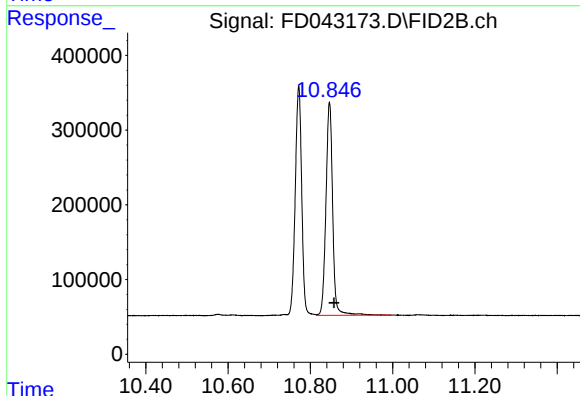
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.012 min
Response: 3351515
Conc: 19.54 ug/ml

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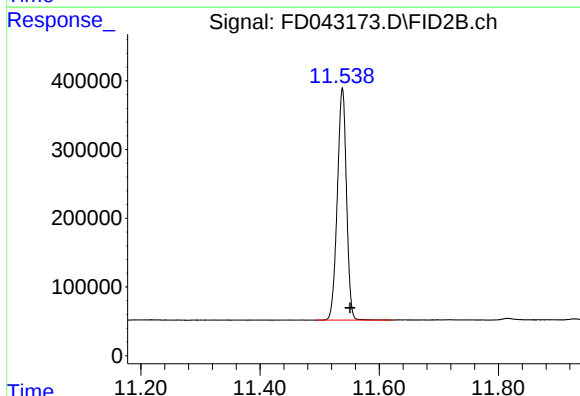
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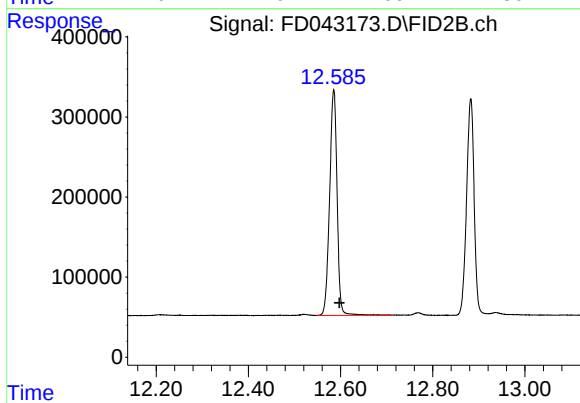
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.012 min
Response: 3239954
Conc: 19.07 ug/ml



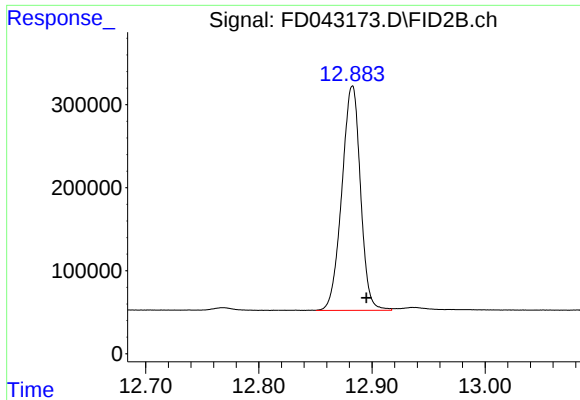
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.013 min
Response: 3610512
Conc: 19.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: -0.012 min
Response: 3164294
Conc: 18.87 ug/ml



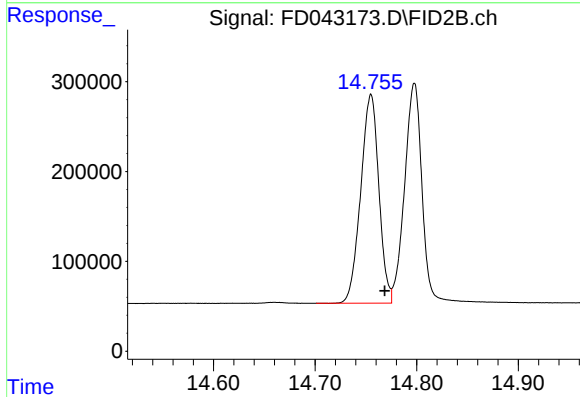
#13 Pyrene (C20.8)

R.T.: 12.883 min
Delta R.T.: -0.012 min
Response: 3095281
Conc: 18.99 ug/ml

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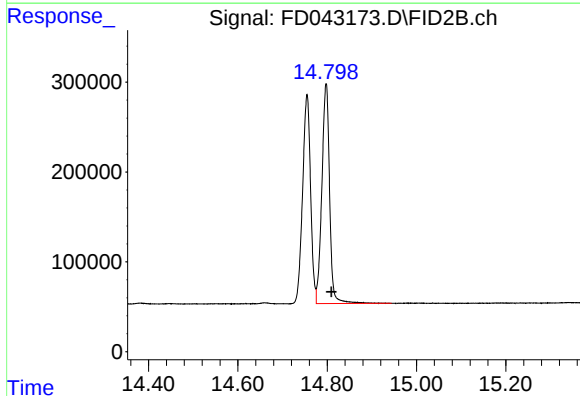
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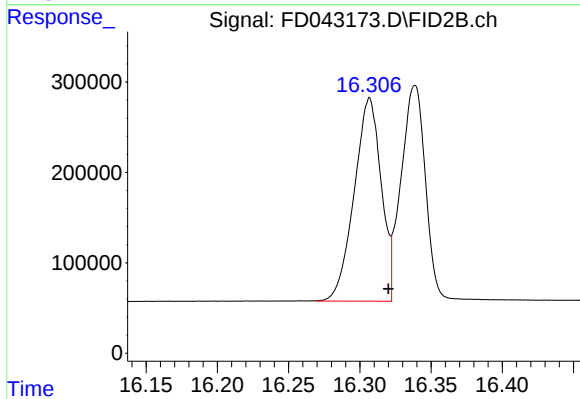
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.014 min
Response: 2881824
Conc: 18.56 ug/ml



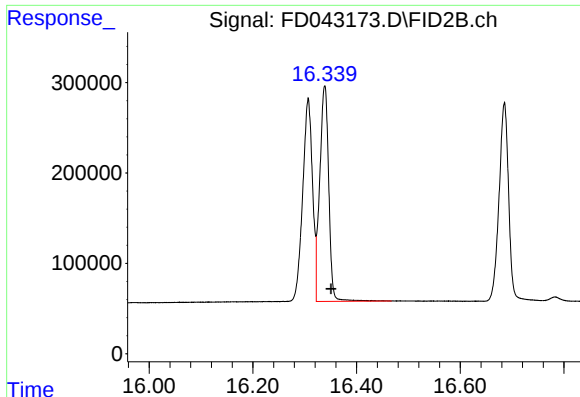
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.012 min
Response: 2953566
Conc: 18.71 ug/ml



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

R.T.: 16.306 min
Delta R.T.: -0.014 min
Response: 2972920
Conc: 19.50 ug/ml m



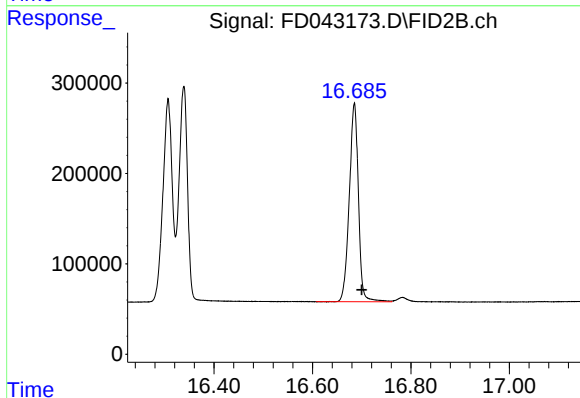
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.338 min
Delta R.T.: -0.012 min
Response: 2885753
Conc: 19.72 ug/ml

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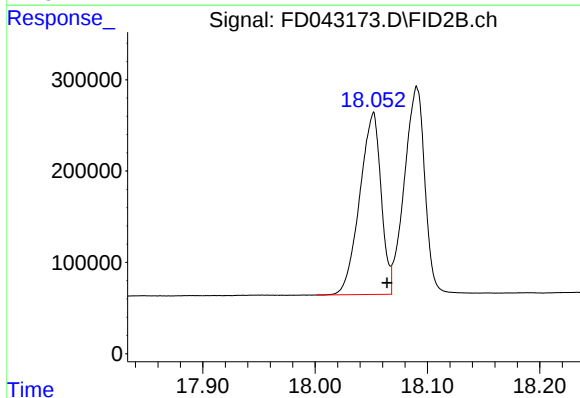
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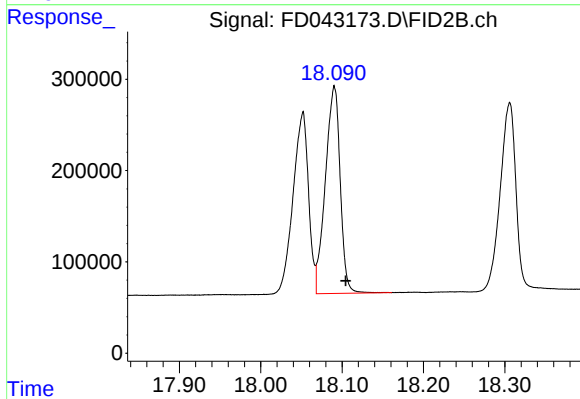
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.685 min
Delta R.T.: -0.015 min
Response: 2839478
Conc: 19.85 ug/ml



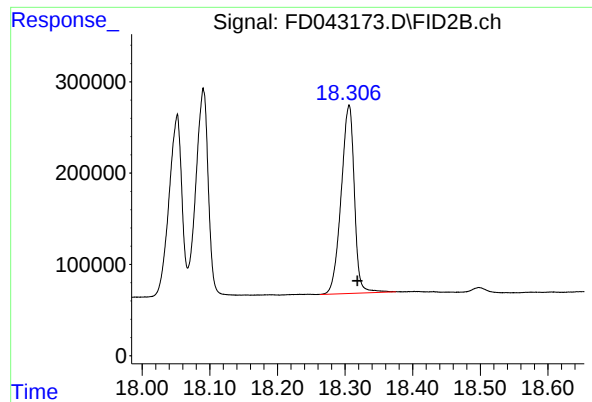
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.051 min
Delta R.T.: -0.013 min
Response: 2632151
Conc: 21.03 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.015 min
Response: 2872615
Conc: 21.37 ug/ml



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

R.T.: 18.306 min
Delta R.T.: -0.012 min
Response: 2796063
Conc: 21.44 ug/ml

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