

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043165.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 18:19
 Operator : YP/AJ
 Sample : PB146009BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB146009BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 05:28:49 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	6644939	43.035 ug/ml
Spiked Amount 50.000		Recovery =	86.07%
6) S 2-Fluorobiphenyl (SURR)	8.491	3480978	33.003 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.01%
11) S ortho-Terphenyl (SURR)	11.537	7231336	39.787 ug/ml
Spiked Amount 50.000		Recovery =	79.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	5655896	33.676 ug/ml
2) T Naphthalene (C11.7)	5.964	6984764	39.897 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	7432966	46.212 ug/ml
5) T Acenaphthylene (C15.06)	8.296	7964570	44.808 ug/ml
7) T Acenaphthene (C15.5)	8.593	8291457	47.349 ug/ml
8) T Flouorene (C16.55)	9.374	9036853	52.134 ug/ml
9) T Phenanthrene (C19.36)	10.773	9334632	54.426 ug/ml
10) T Anthracene (C19.43)	10.849	9284821	54.651 ug/ml
12) T Fluoranthene (C21.85)	12.587	9221908	54.985 ug/ml
13) T Pyrene (C20.8)	12.885	9078618	55.708 ug/mlm
14) T Benzo[a]anthracene (C...	14.757	8556391	55.096 ug/ml
15) T Chrysene (C27.41)	14.803	9905121	62.758 ug/ml
16) T benzo[b]fluoranthene ...	16.309	8360179	54.844 ug/ml
17) T Bnezo[k]fluoranthene ...	16.345	8108161	55.398 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.688	7419178	51.870 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	8197892	65.512 ug/ml
20) T Dibenz[a,h]anthracene...	18.095	7610256	56.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	7759699	59.493 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB146009BSD
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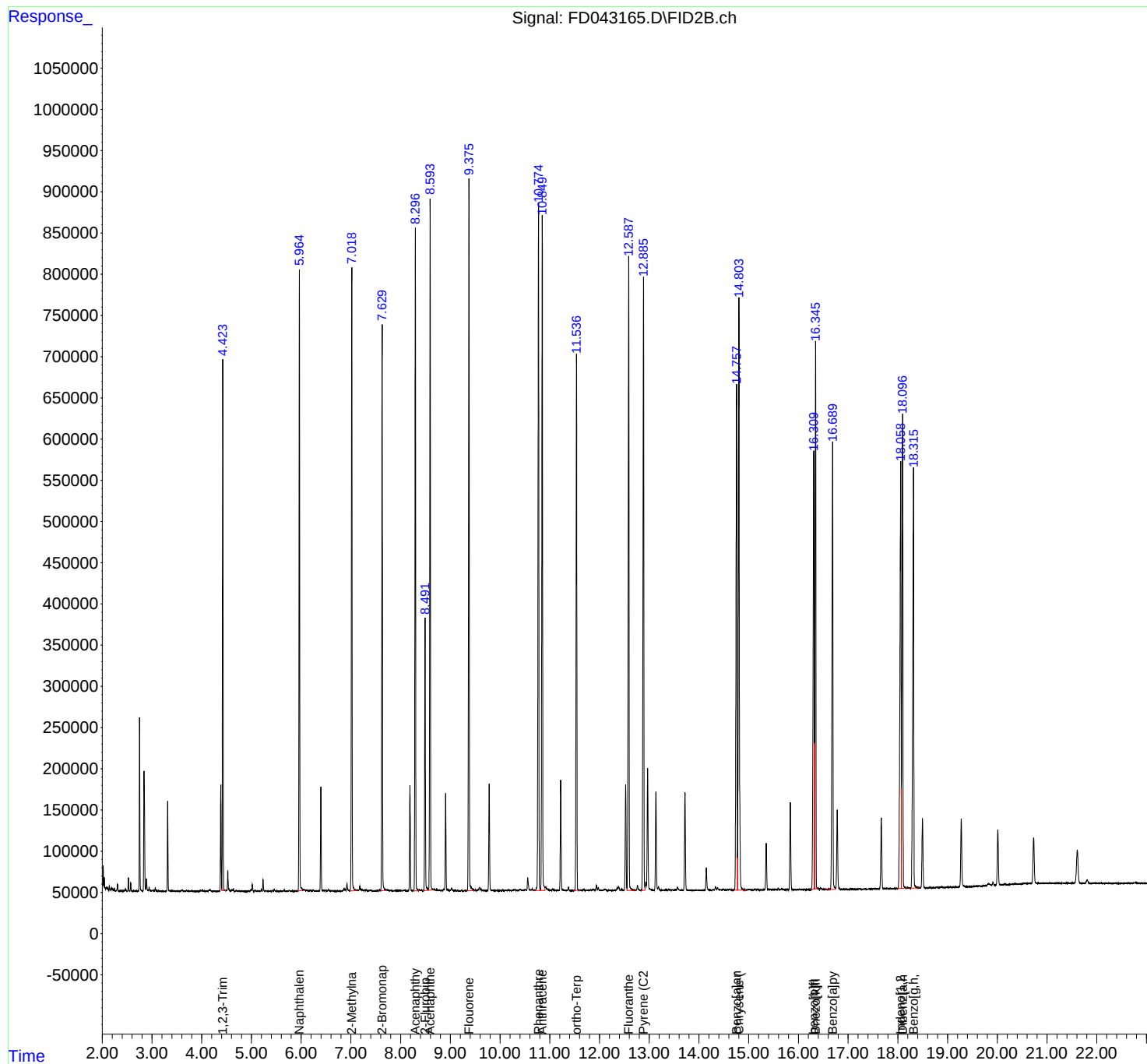
Instrument :
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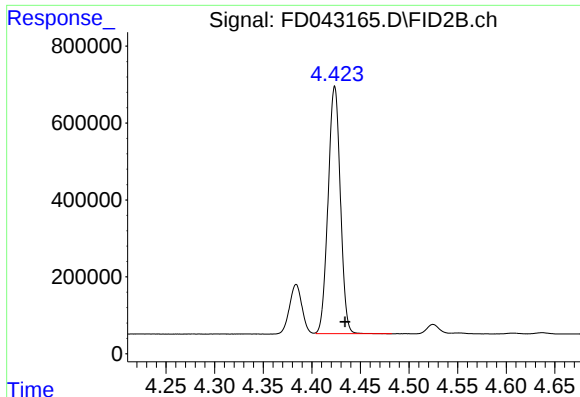
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 5655896
Conc: 33.68 ug/ml

Instrument :

FID_D

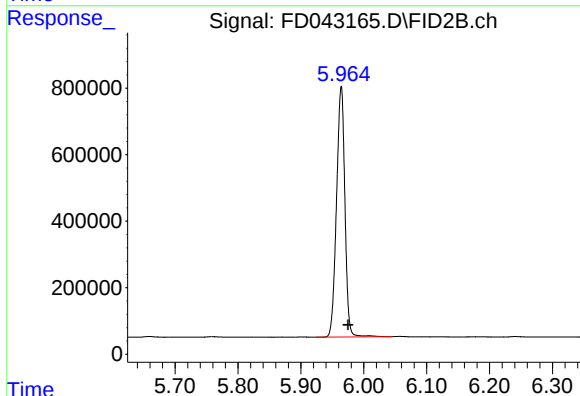
ClientSampleId :

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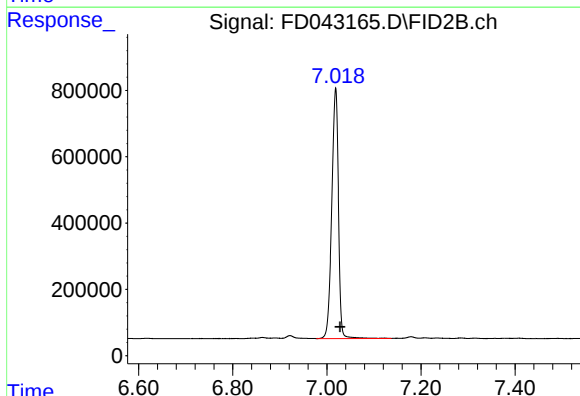
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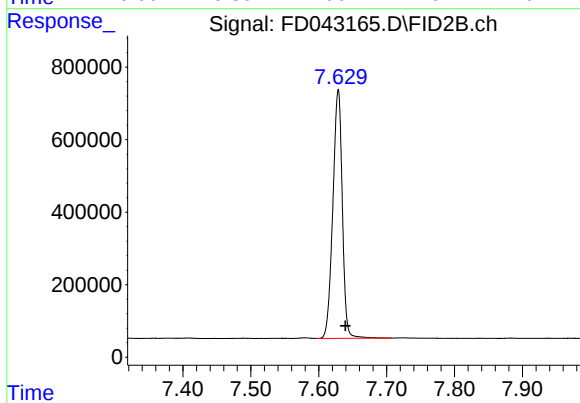
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 6984764
Conc: 39.90 ug/ml



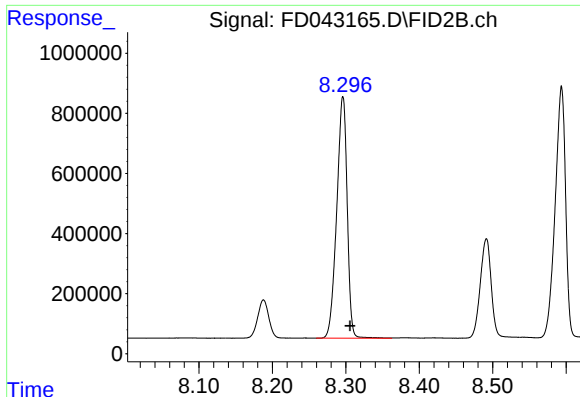
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 7432966
Conc: 46.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.011 min
Response: 6644939
Conc: 43.03 ug/ml



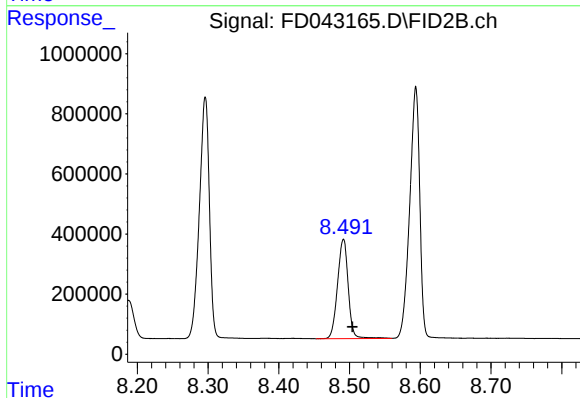
#5 Acenaphthylene (C15.06)

R.T.: 8.296 min
Delta R.T.: -0.010 min
Response: 7964570
Conc: 44.81 ug/ml

Instrument :
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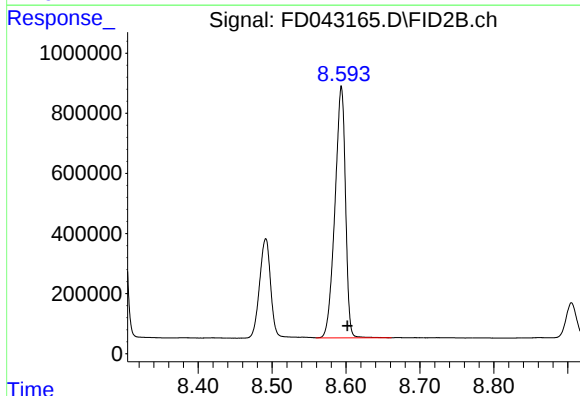
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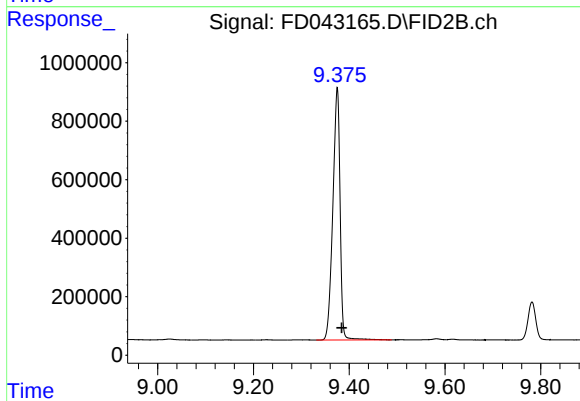
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 3480978
Conc: 33.00 ug/ml



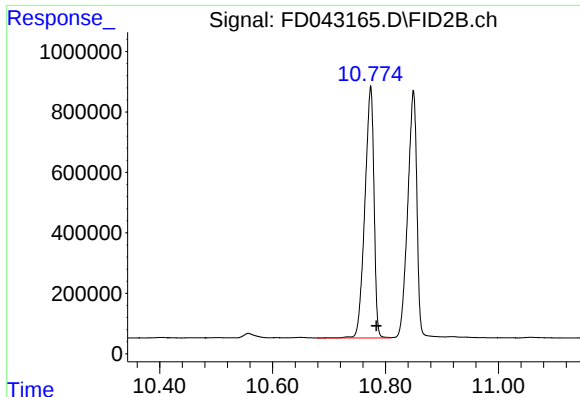
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: -0.008 min
Response: 8291457
Conc: 47.35 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.374 min
Delta R.T.: -0.010 min
Response: 9036853
Conc: 52.13 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.773 min
Delta R.T.: -0.011 min
Response: 9334632
Conc: 54.43 ug/ml

Instrument :

FID_D

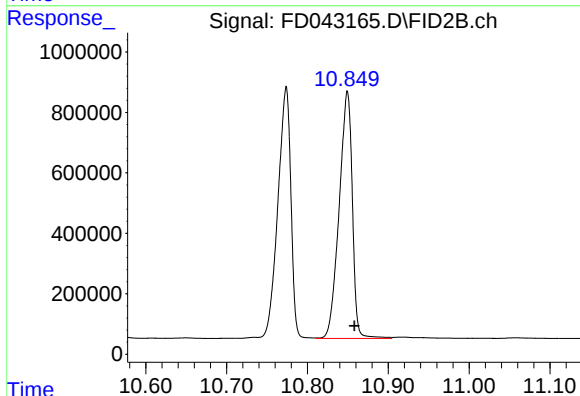
ClientSampleId :

PB146009BSD

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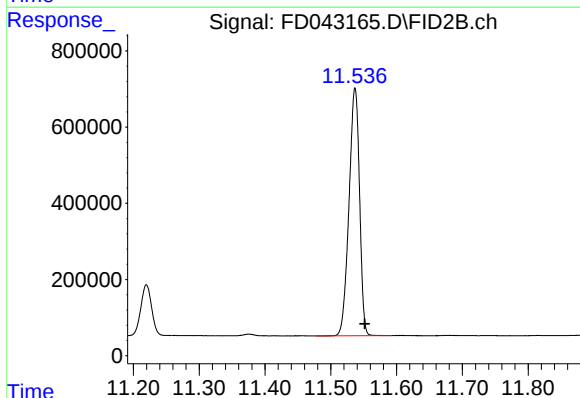
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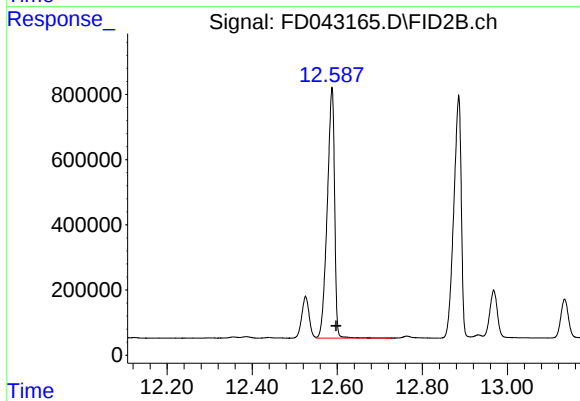
#10 Anthracene (C19.43)

R.T.: 10.849 min
Delta R.T.: -0.009 min
Response: 9284821
Conc: 54.65 ug/ml



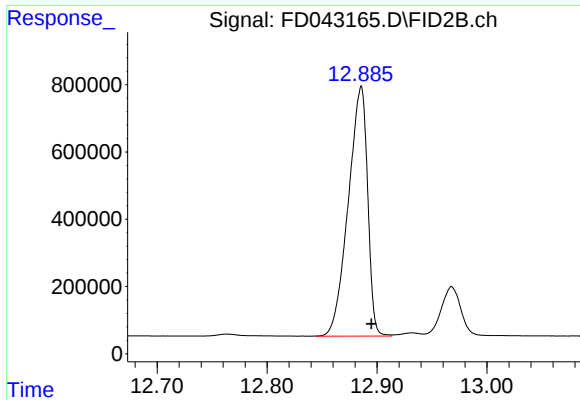
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.015 min
Response: 7231336
Conc: 39.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.587 min
Delta R.T.: -0.010 min
Response: 9221908
Conc: 54.99 ug/ml



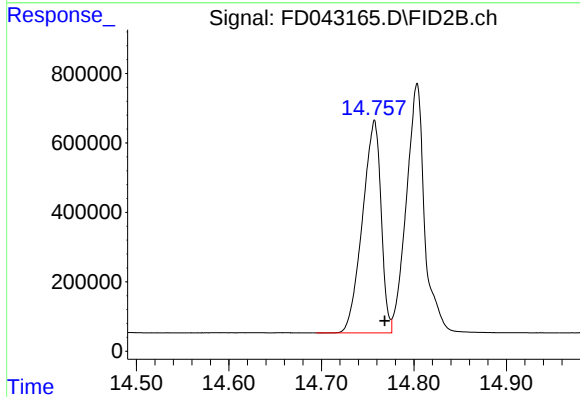
#13 Pyrene (C20.8)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 9078618
Conc: 55.71 ug/ml

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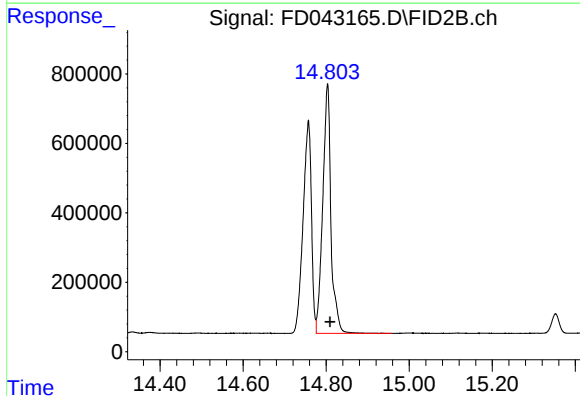
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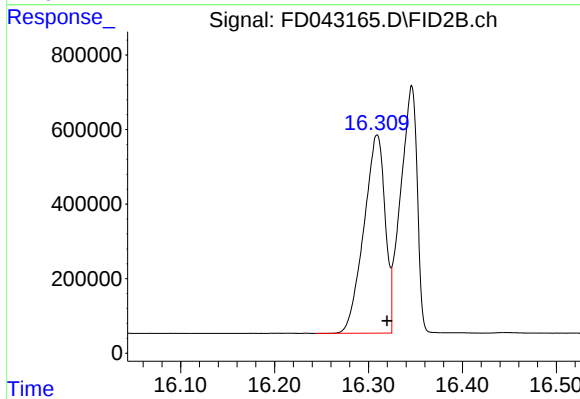
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.757 min
Delta R.T.: -0.012 min
Response: 8556391
Conc: 55.10 ug/ml



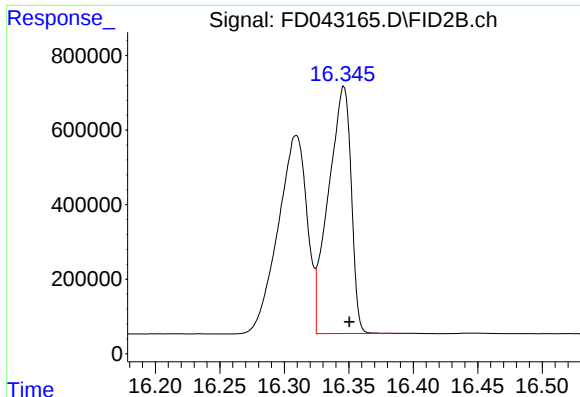
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: -0.007 min
Response: 9905121
Conc: 62.76 ug/ml



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

R.T.: 16.309 min
Delta R.T.: -0.011 min
Response: 8360179
Conc: 54.84 ug/ml



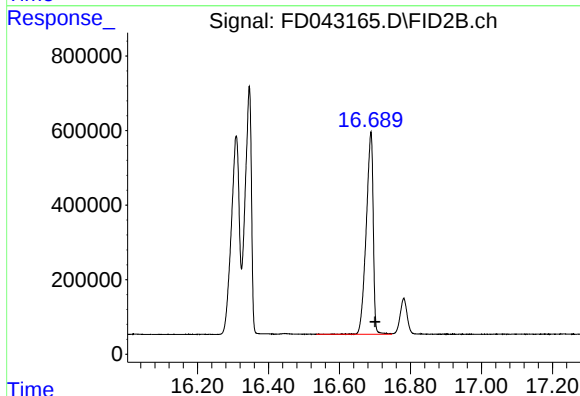
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.345 min
Delta R.T.: -0.005 min
Response: 8108161
Conc: 55.40 ug/ml

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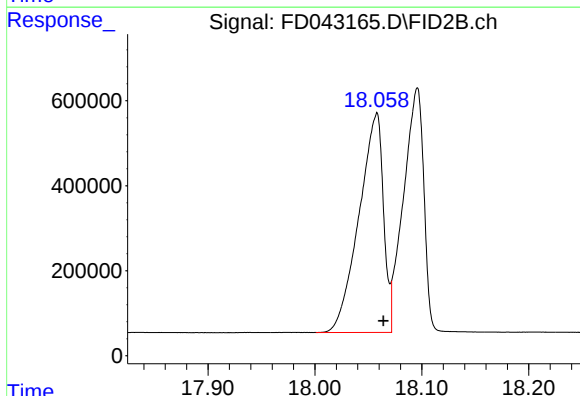
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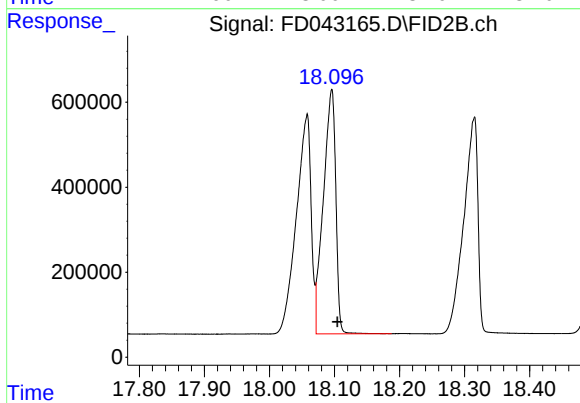
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.688 min
Delta R.T.: -0.012 min
Response: 7419178
Conc: 51.87 ug/ml



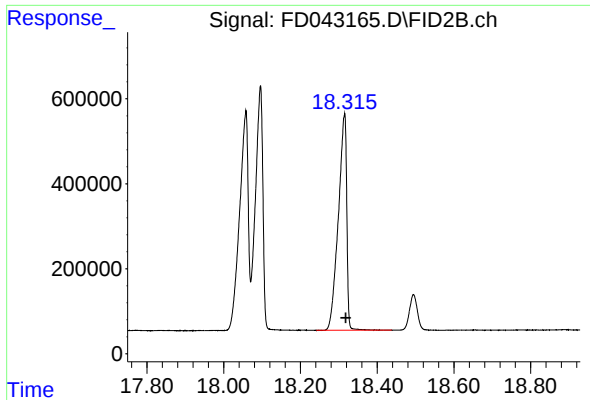
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.008 min
Response: 8197892
Conc: 65.51 ug/ml



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

R.T.: 18.095 min
Delta R.T.: -0.010 min
Response: 7610256
Conc: 56.61 ug/ml



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

R.T.: 18.314 min
Delta R.T.: -0.005 min
Response: 7759699
Conc: 59.49 ug/ml

Instrument :

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