

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043065.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2022 20:26
 Operator : YP/AJ
 Sample : PB145869BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB145869BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2022

Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e

Quant Time: Jun 28 02:52:07 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...	7.633	6893259	44.643 ug/ml
Spiked Amount 50.000		Recovery =	89.29%
6) S 2-Fluorobiphenyl (SURR)	8.496	4411035	41.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.64%
11) S ortho-Terphenyl (SURR)	11.540	6578465	36.195 ug/ml
Spiked Amount 50.000		Recovery =	72.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	5084825	30.276 ug/mlm
2) T Naphthalene (C11.7)	5.968	5895023	33.672 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	6205788	38.583 ug/ml
5) T Acenaphthylene (C15.06)	8.299	6301836	35.454 ug/ml
7) T Acenaphthene (C15.5)	8.596	6702939	38.278 ug/ml
8) T Flouorene (C16.55)	9.377	7020201	40.500 ug/ml
9) T Phenanthrene (C19.36)	10.775	7292430	42.519 ug/ml
10) T Anthracene (C19.43)	10.851	7240722	42.619 ug/ml
12) T Fluoranthene (C21.85)	12.589	7420898	44.247 ug/ml
13) T Pyrene (C20.8)	12.887	7351288	45.109 ug/mlm
14) T Benzo[a]anthracene (C...	14.759	7109539	45.780 ug/ml
15) T Chrysene (C27.41)	14.804	8186145	51.867 ug/ml
16) T benzo[b]fluoranthene ...	16.310	6908416	45.320 ug/ml
17) T Bnezo[k]fluoranthene ...	16.345	6742648	46.069 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.688	6099089	42.641 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	6476028	51.752 ug/ml
20) T Dibenz[a,h]anthracene...	18.094	6124991	45.560 ug/ml
21) T Benzo[g,h,i]perylene ...	18.312	6120096	46.923 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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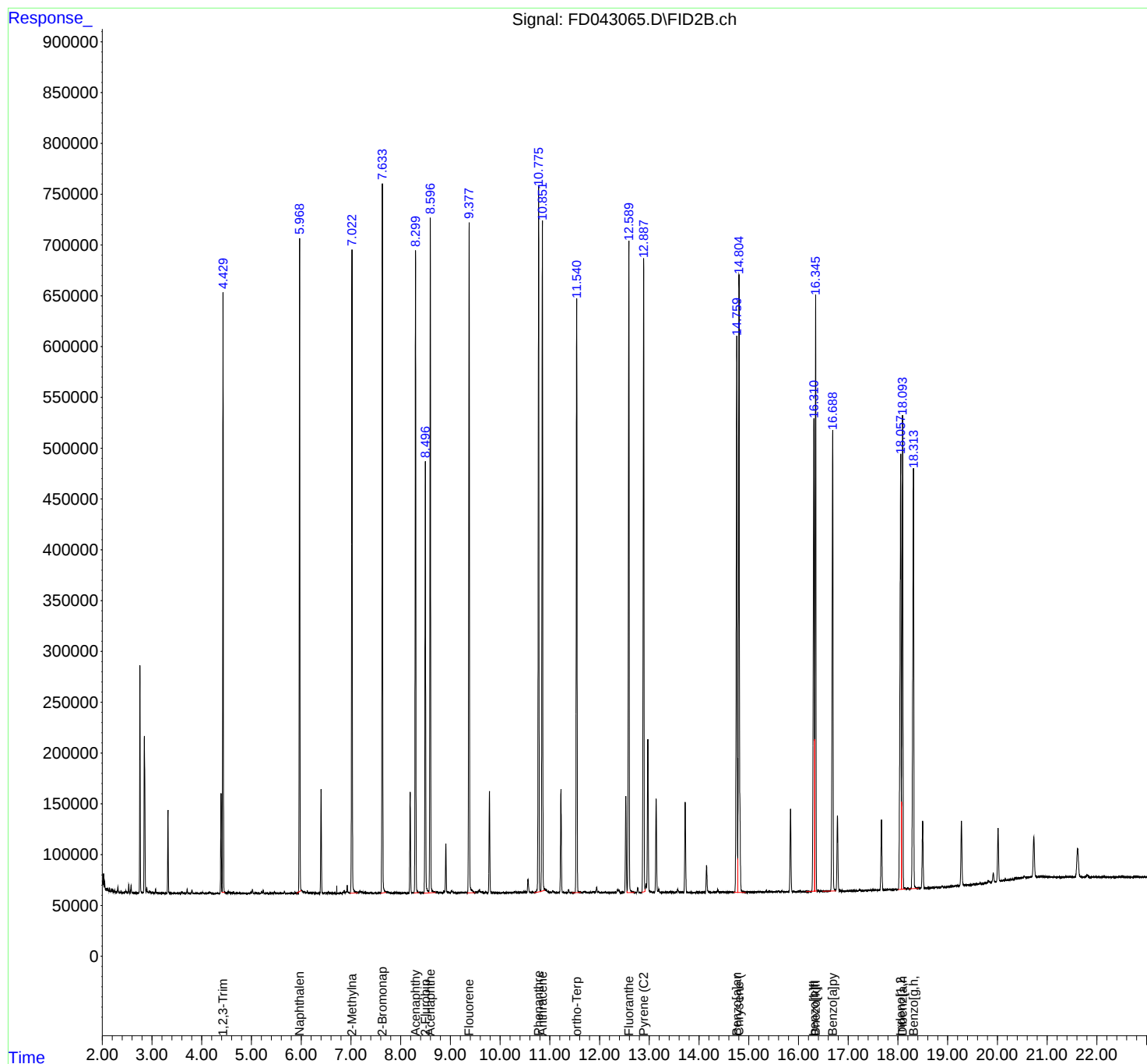
Instrument :
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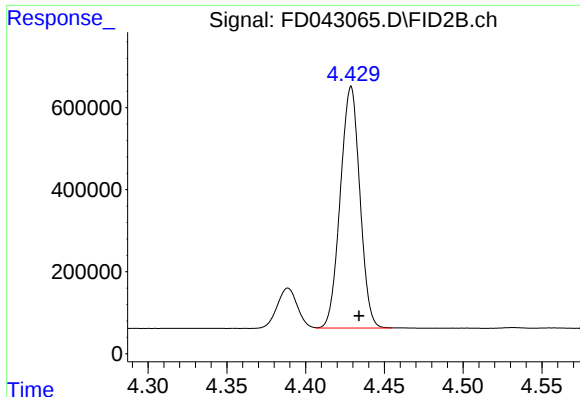
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Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 5084825
Conc: 30.28 ug/ml

Instrument :

FID_D

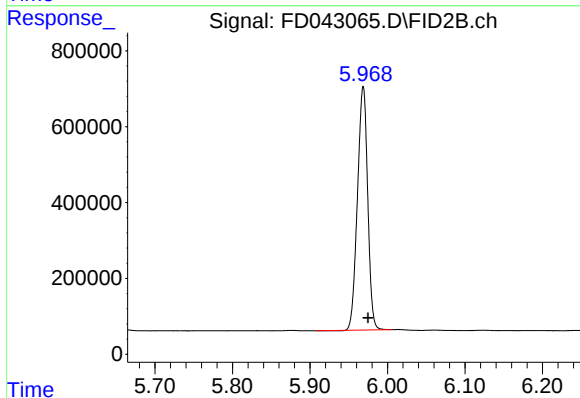
ClientSampleId :

PB145869BS

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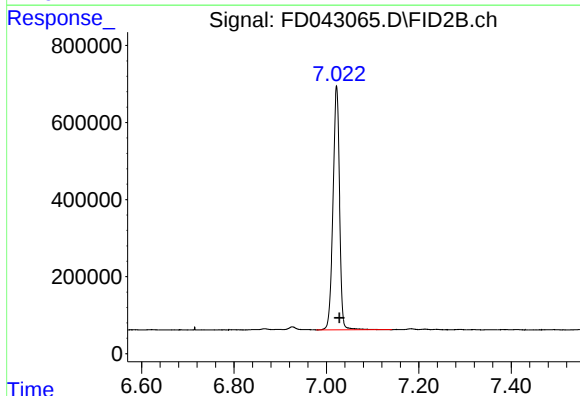
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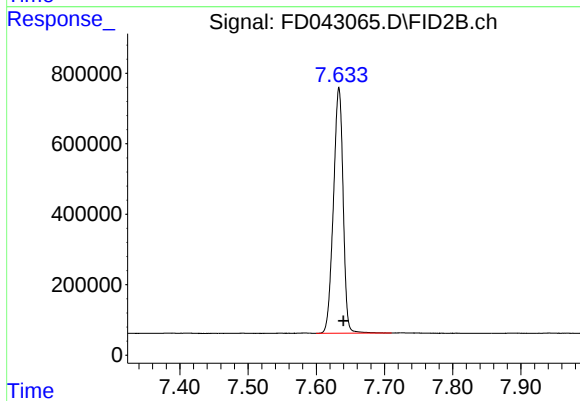
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.007 min
Response: 5895023
Conc: 33.67 ug/ml



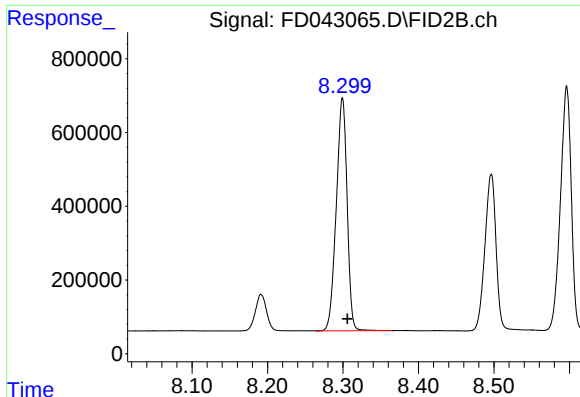
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.006 min
Response: 6205788
Conc: 38.58 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.006 min
Response: 6893259
Conc: 44.64 ug/ml



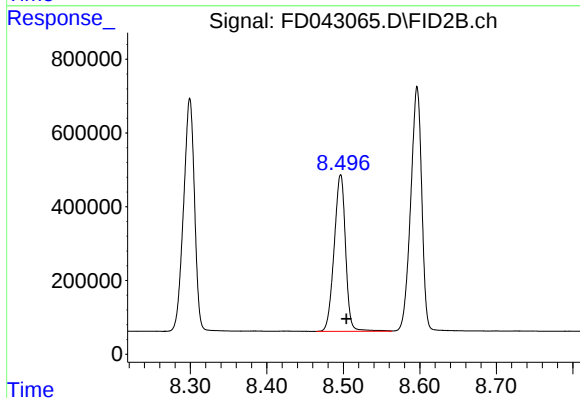
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: -0.007 min
Response: 6301836
Conc: 35.45 ug/ml

Instrument :
FID_D
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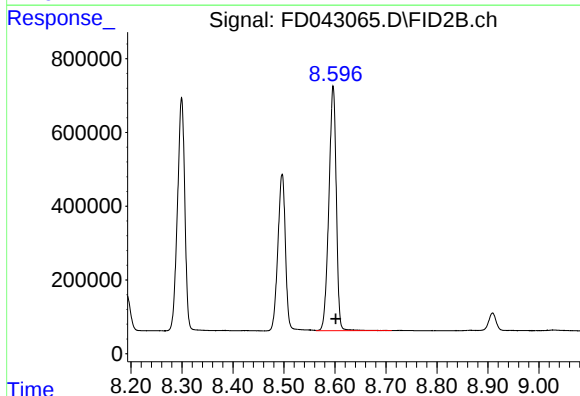
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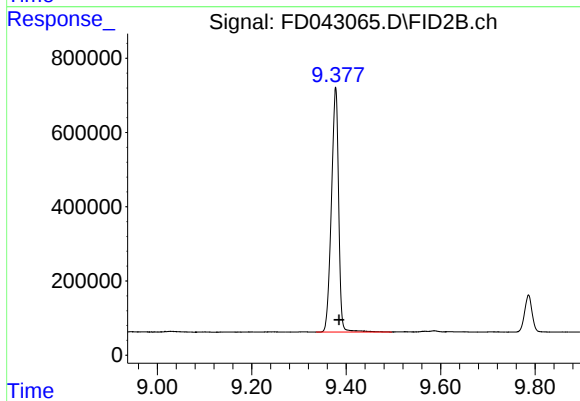
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 4411035
Conc: 41.82 ug/ml



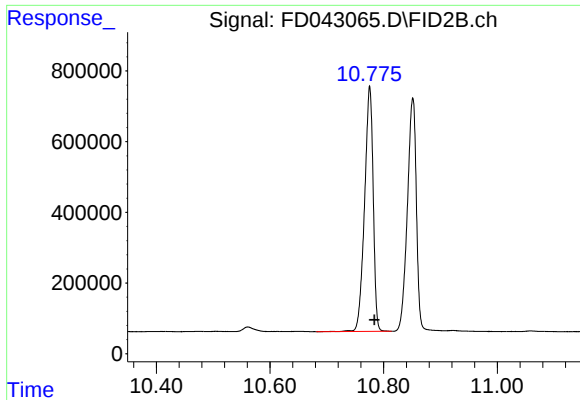
#7 Acenaphthene (C15.5)

R.T.: 8.596 min
Delta R.T.: -0.005 min
Response: 6702939
Conc: 38.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.377 min
Delta R.T.: -0.007 min
Response: 7020201
Conc: 40.50 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: -0.009 min
Response: 7292430
Conc: 42.52 ug/ml

Instrument :

FID_D

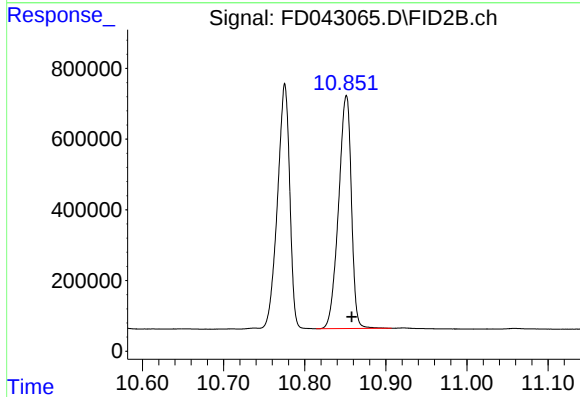
ClientSampleId :

PB145869BS

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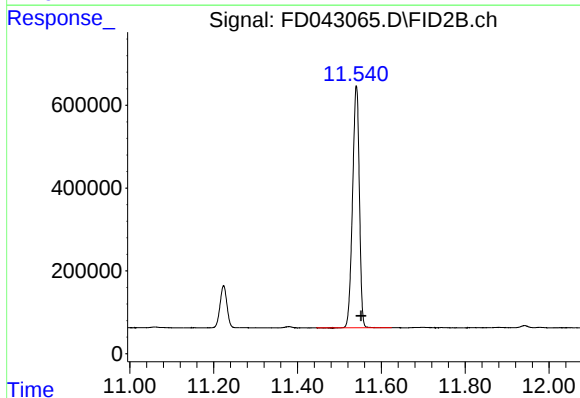
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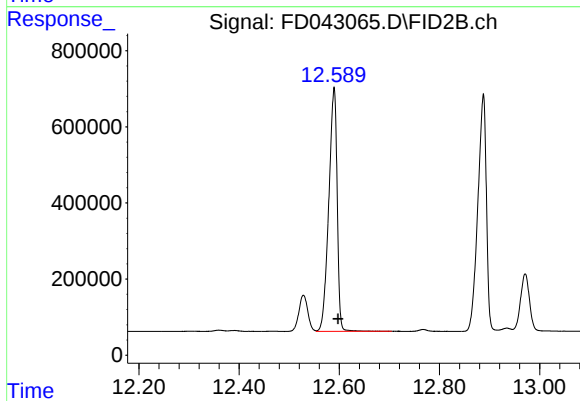
#10 Anthracene (C19.43)

R.T.: 10.851 min
Delta R.T.: -0.007 min
Response: 7240722
Conc: 42.62 ug/ml



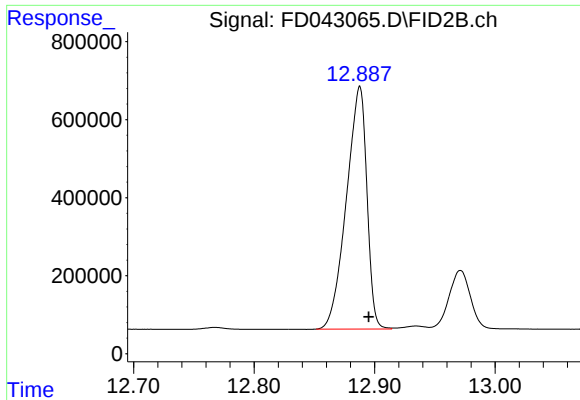
#11 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.011 min
Response: 6578465
Conc: 36.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.589 min
Delta R.T.: -0.008 min
Response: 7420898
Conc: 44.25 ug/ml



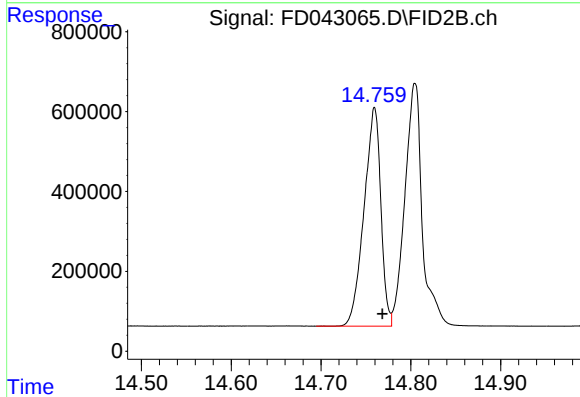
#13 Pyrene (C20.8)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 7351288
Conc: 45.11 ug/ml

Instrument :
FID_D
ClientSampleId :
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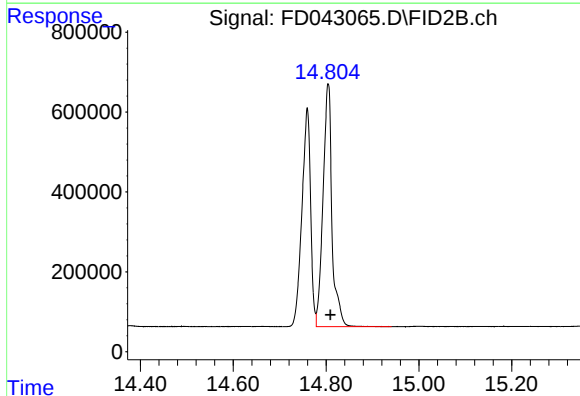
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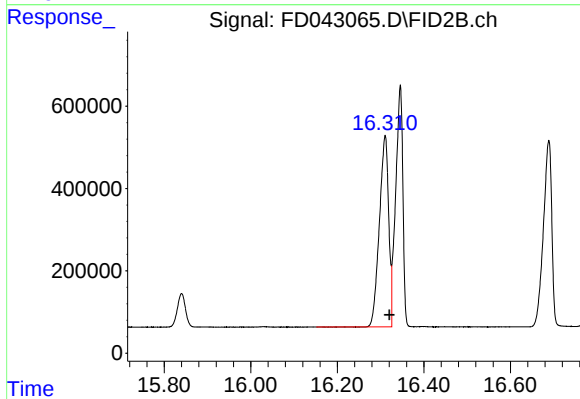
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.009 min
Response: 7109539
Conc: 45.78 ug/ml



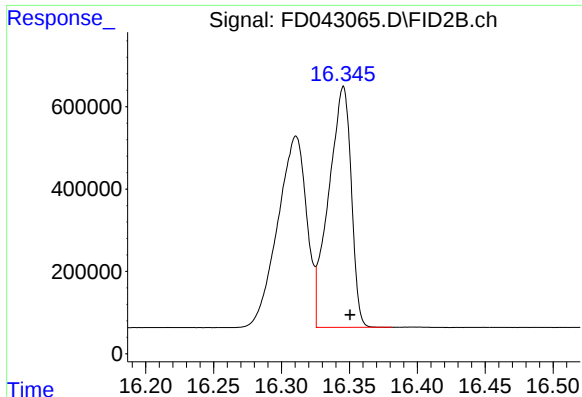
#15 Chrysene (C27.41)

R.T.: 14.804 min
Delta R.T.: -0.006 min
Response: 8186145
Conc: 51.87 ug/ml



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

R.T.: 16.310 min
Delta R.T.: -0.010 min
Response: 6908416
Conc: 45.32 ug/ml



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

R.T.: 16.345 min
Delta R.T.: -0.006 min
Response: 6742648
Conc: 46.07 ug/ml

Instrument :

FID_D

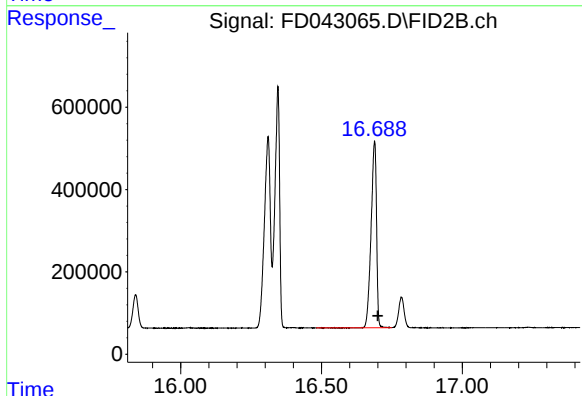
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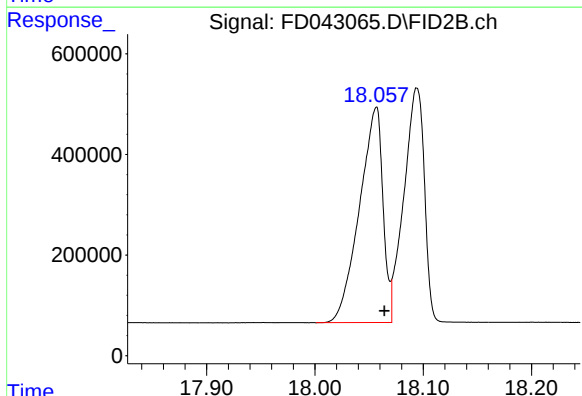
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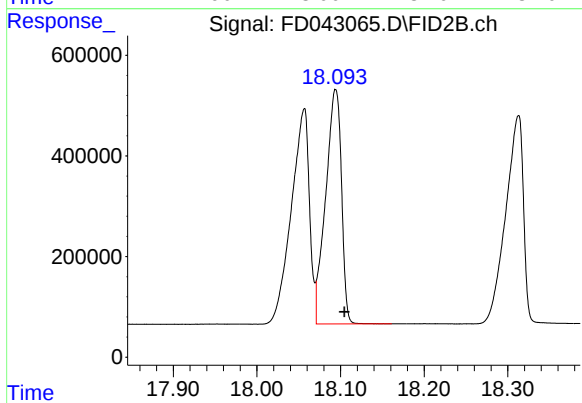
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.688 min
Delta R.T.: -0.012 min
Response: 6099089
Conc: 42.64 ug/ml



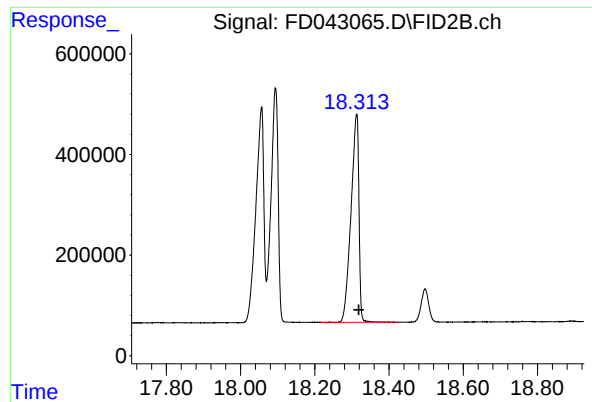
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: -0.009 min
Response: 6476028
Conc: 51.75 ug/ml



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

R.T.: 18.094 min
Delta R.T.: -0.011 min
Response: 6124991
Conc: 45.56 ug/ml



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

R.T.: 18.312 min
Delta R.T.: -0.007 min
Response: 6120096
Conc: 46.92 ug/ml

Instrument :

FID_D

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