

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043066.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2022 21:10
 Operator : YP/AJ
 Sample : PB145869BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145869BSD

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 02:52:22 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	6578730	42.606 ug/ml
Spiked Amount 50.000		Recovery =	85.21%
6) S 2-Fluorobiphenyl (SURR)	8.496	4166480	39.502 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.00%
11) S ortho-Terphenyl (SURR)	11.541	6206209	34.147 ug/ml
Spiked Amount 50.000		Recovery =	68.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	4849324	28.873 ug/ml
2) T Naphthalene (C11.7)	5.967	5667025	32.370 ug/ml
3) T 2-Methylnaphthalene (...)	7.021	5869762	36.493 ug/ml
5) T Acenaphthylene (C15.06)	8.299	5965907	33.564 ug/ml
7) T Acenaphthene (C15.5)	8.595	6342407	36.219 ug/ml
8) T Flouorene (C16.55)	9.377	6638346	38.297 ug/ml
9) T Phenanthrene (C19.36)	10.774	6848341	39.930 ug/ml
10) T Anthracene (C19.43)	10.850	6829512	40.199 ug/ml
12) T Fluoranthene (C21.85)	12.588	7008004	41.785 ug/ml
13) T Pyrene (C20.8)	12.886	6912461	42.416 ug/mlm
14) T Benzo[a]anthracene (C...	14.759	6665209	42.919 ug/ml
15) T Chrysene (C27.41)	14.803	7676992	48.641 ug/ml
16) T benzo[b]fluoranthene ...	16.310	6440739	42.252 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	6317171	43.162 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.687	5723006	40.012 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.053	6025059	48.148 ug/ml
20) T Dibenz[a,h]anthracene...	18.093	5761859	42.859 ug/ml
21) T Benzo[g,h,i]perylene ...	18.309	5721441	43.866 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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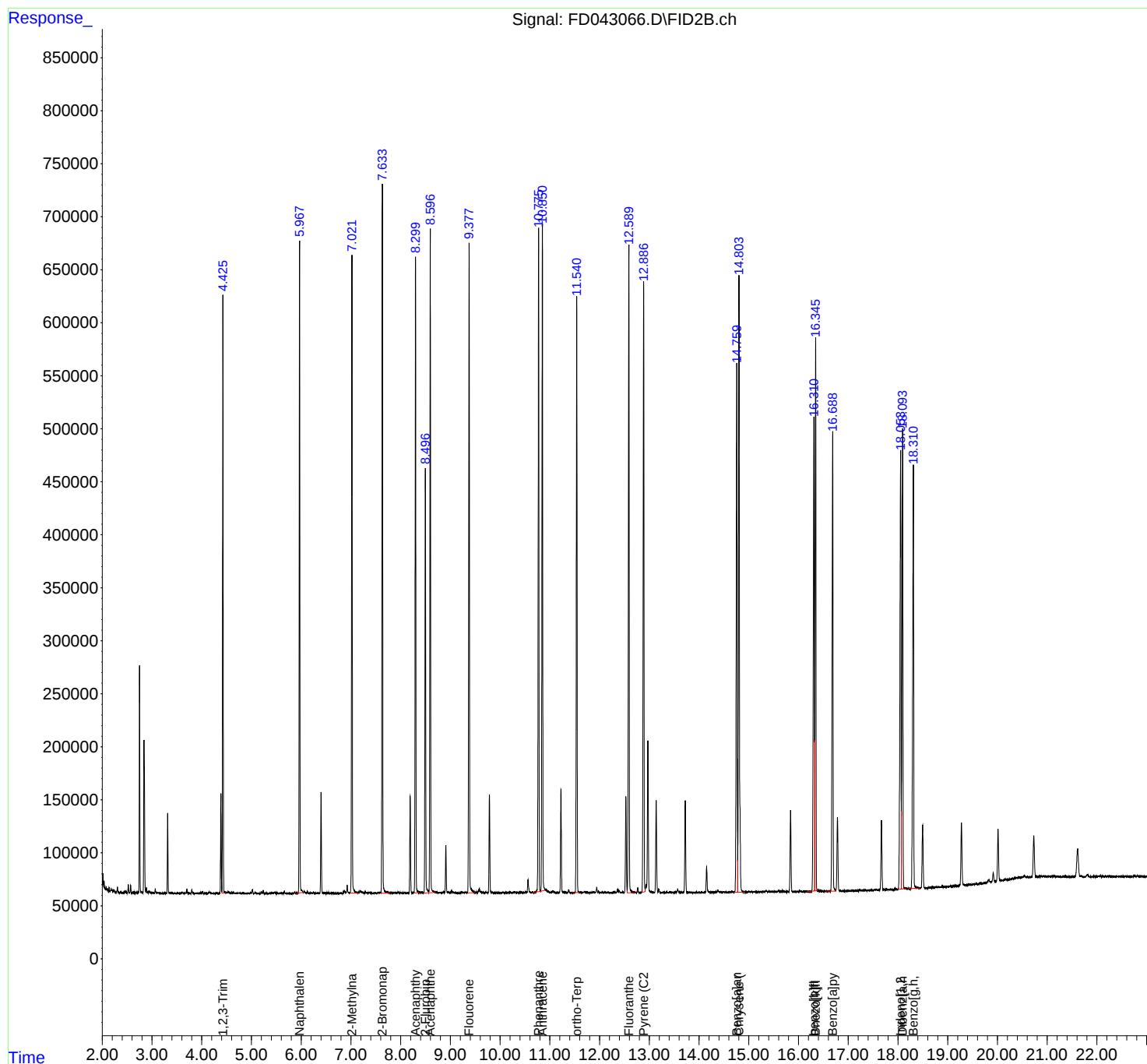
Instrument :
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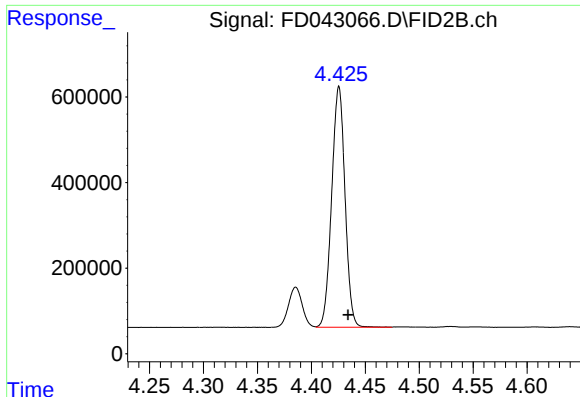
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.009 min
Response: 4849324
Conc: 28.87 ug/ml

Instrument :

FID_D

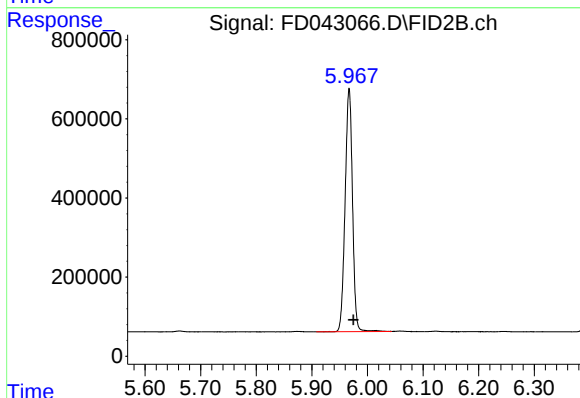
ClientSampleId :

PB145869BSD

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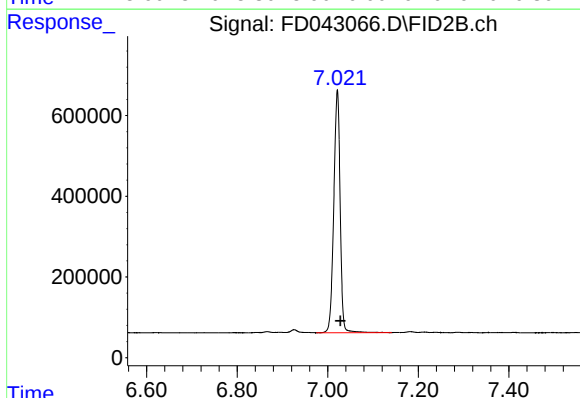
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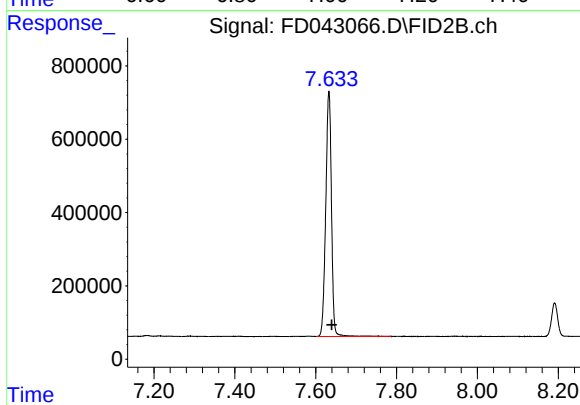
#2 Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.008 min
Response: 5667025
Conc: 32.37 ug/ml



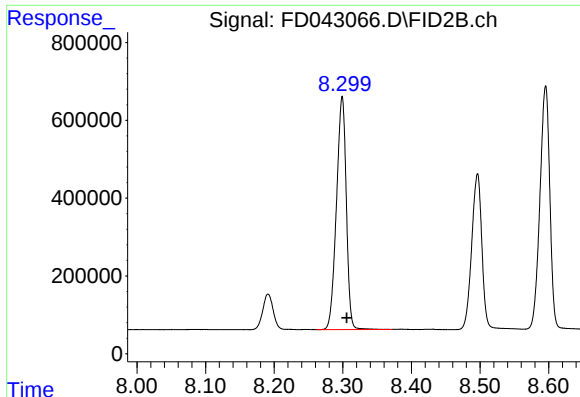
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.007 min
Response: 5869762
Conc: 36.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 6578730
Conc: 42.61 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: -0.007 min
Response: 5965907
Conc: 33.56 ug/ml

Instrument :

FID_D

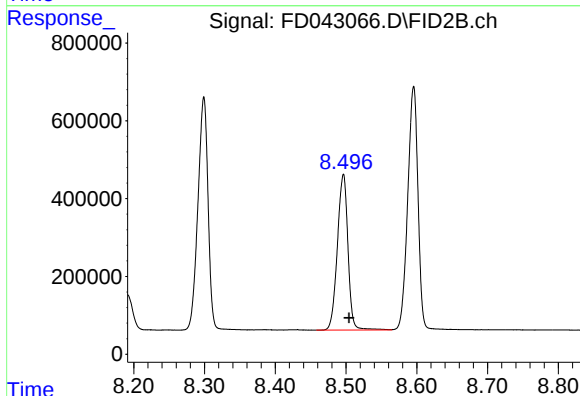
ClientSampleId :

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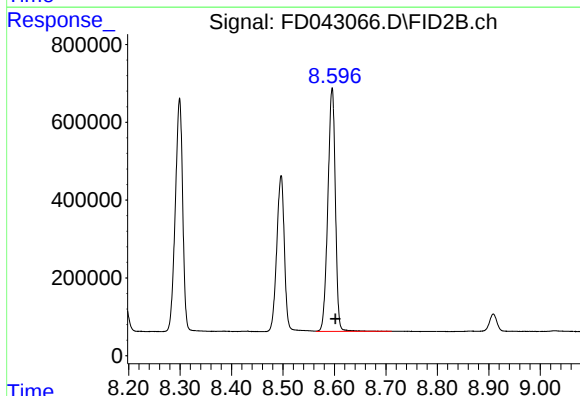
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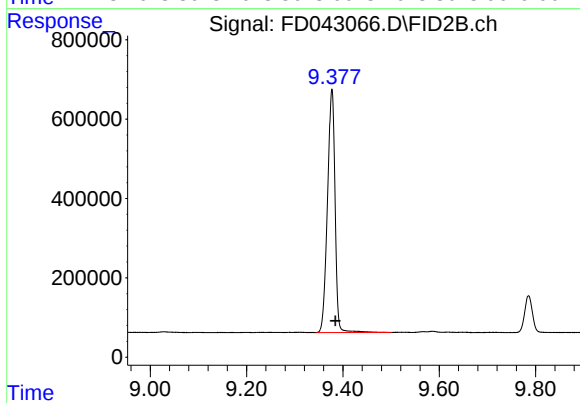
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 4166480
Conc: 39.50 ug/ml



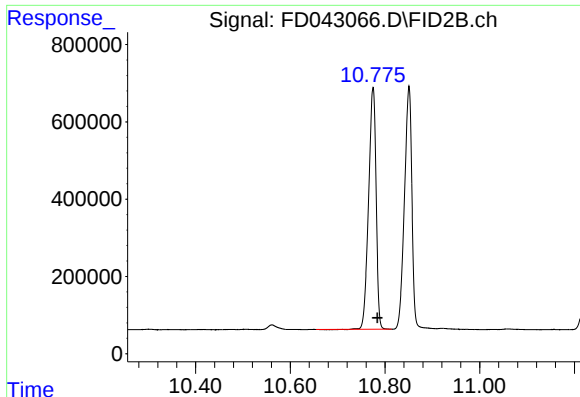
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: -0.006 min
Response: 6342407
Conc: 36.22 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.377 min
Delta R.T.: -0.008 min
Response: 6638346
Conc: 38.30 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.774 min
Delta R.T.: -0.009 min
Response: 6848341
Conc: 39.93 ug/ml

Instrument :

FID_D

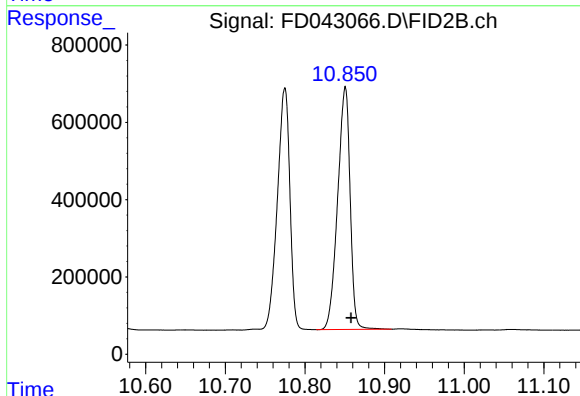
ClientSampleId :

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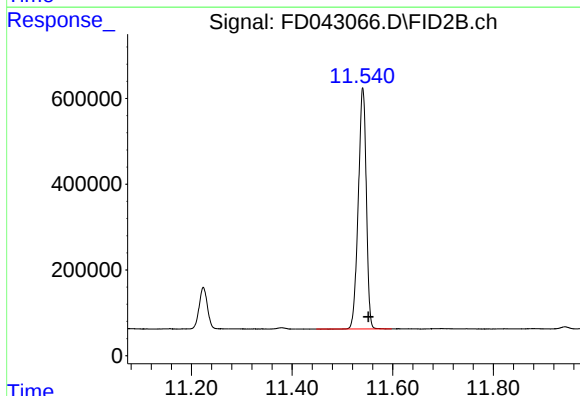
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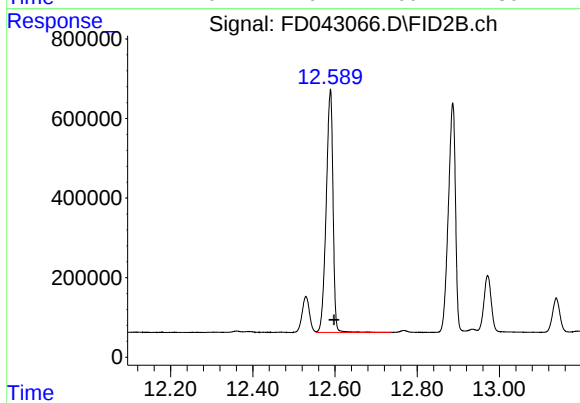
#10 Anthracene (C19.43)

R.T.: 10.850 min
Delta R.T.: -0.008 min
Response: 6829512
Conc: 40.20 ug/ml



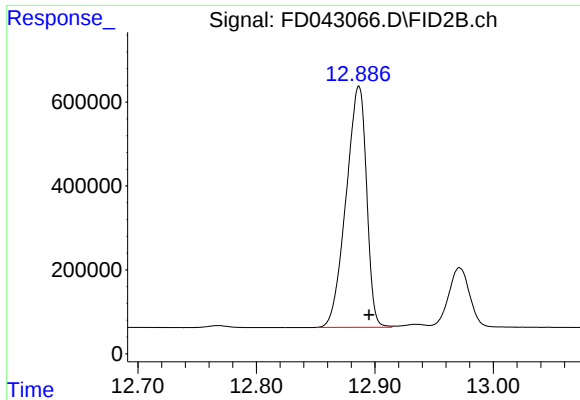
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.011 min
Response: 6206209
Conc: 34.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.588 min
Delta R.T.: -0.009 min
Response: 7008004
Conc: 41.79 ug/ml



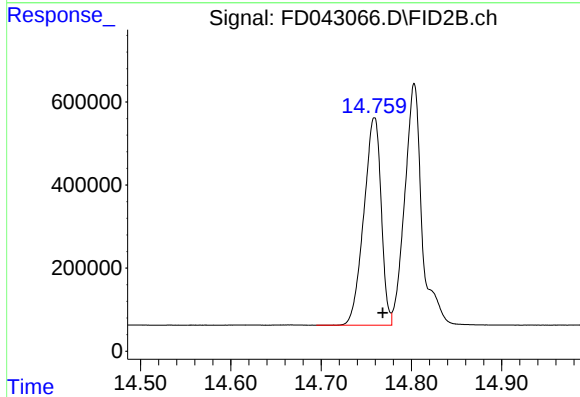
#13 Pyrene (C20.8)

R.T.: 12.886 min
Delta R.T.: -0.009 min
Response: 6912461
Conc: 42.42 ug/ml

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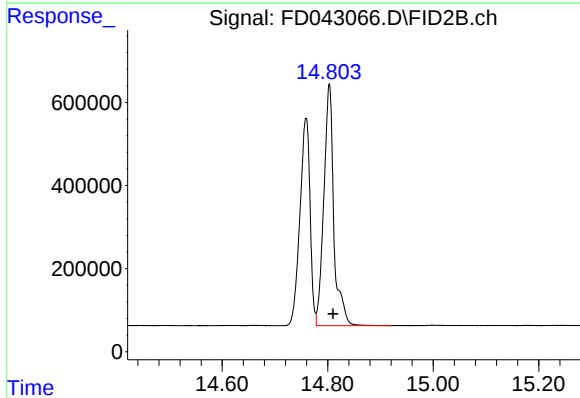
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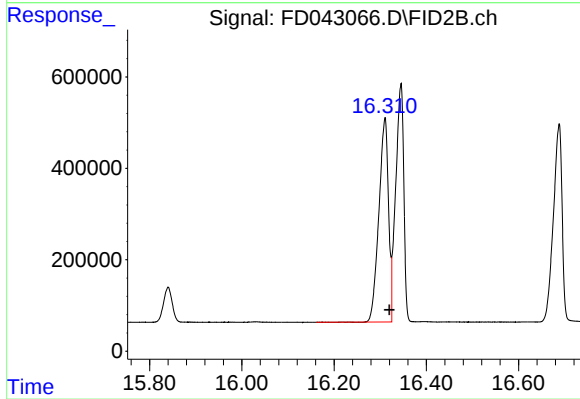
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.010 min
Response: 6665209
Conc: 42.92 ug/ml



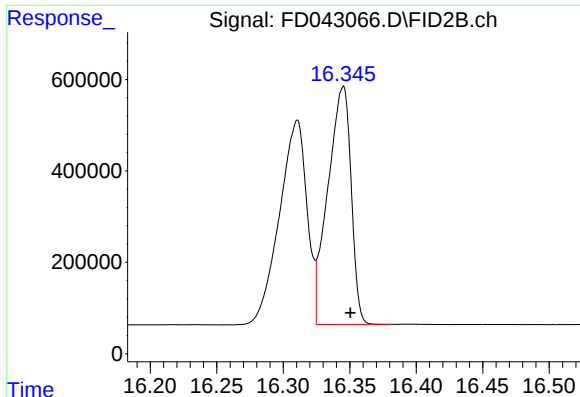
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: -0.007 min
Response: 7676992
Conc: 48.64 ug/ml



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

R.T.: 16.310 min
Delta R.T.: -0.010 min
Response: 6440739
Conc: 42.25 ug/ml



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

R.T.: 16.344 min
Delta R.T.: -0.006 min
Response: 6317171
Conc: 43.16 ug/ml

Instrument :

FID_D

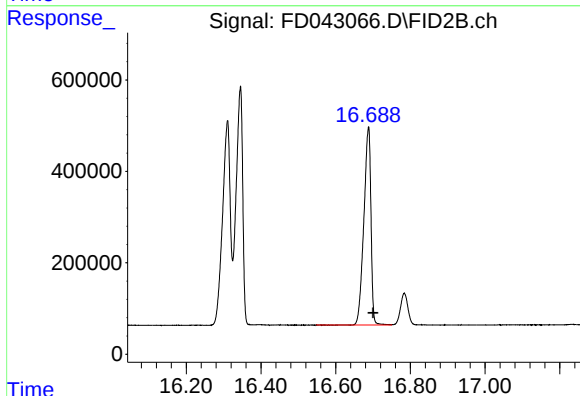
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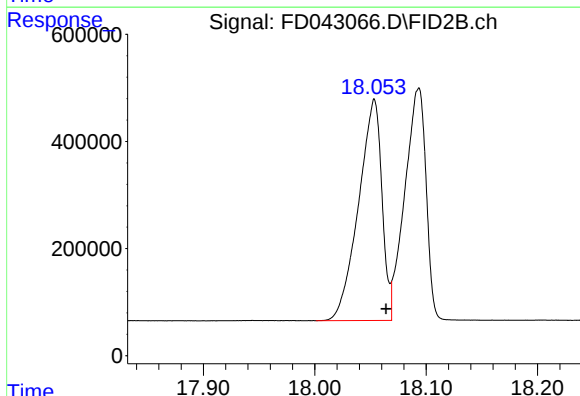
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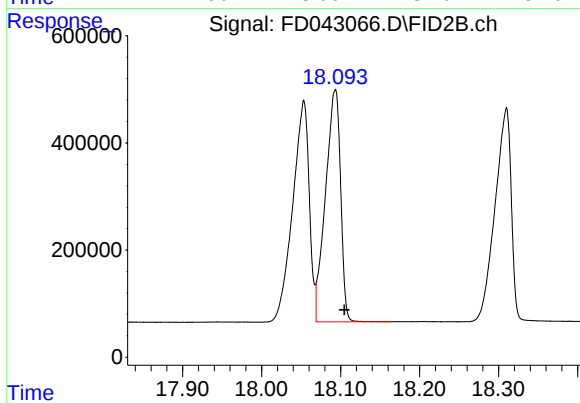
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.687 min
Delta R.T.: -0.013 min
Response: 5723006
Conc: 40.01 ug/ml



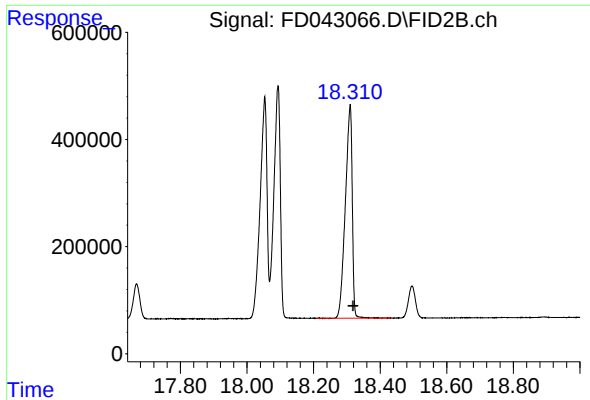
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.053 min
Delta R.T.: -0.011 min
Response: 6025059
Conc: 48.15 ug/ml



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

R.T.: 18.093 min
Delta R.T.: -0.012 min
Response: 5761859
Conc: 42.86 ug/ml



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

R.T.: 18.309 min
Delta R.T.: -0.009 min
Response: 5721441
Conc: 43.87 ug/ml

Instrument :

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