

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043134.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 21:32
 Operator : YP/AJ
 Sample : PB145955BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145955BS

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 04:04:16 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	5782268	37.448 ug/ml
Spiked Amount 50.000		Recovery =	74.90%
6) S 2-Fluorobiphenyl (SURR)	8.493	3928670	37.248 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.50%
11) S ortho-Terphenyl (SURR)	11.537	5651889	31.097 ug/ml
Spiked Amount 50.000		Recovery =	62.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	4224493	25.153 ug/mlm
2) T Naphthalene (C11.7)	5.964	4773751	27.267 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	4868917	30.271 ug/ml
5) T Acenaphthylene (C15.06)	8.295	4801727	27.014 ug/ml
7) T Acenaphthene (C15.5)	8.592	5130713	29.300 ug/ml
8) T Flouorene (C16.55)	9.373	5279861	30.460 ug/ml
9) T Phenanthrene (C19.36)	10.770	5413432	31.563 ug/ml
10) T Anthracene (C19.43)	10.846	5400119	31.785 ug/ml
12) T Fluoranthene (C21.85)	12.583	5506930	32.835 ug/ml
13) T Pyrene (C20.8)	12.880	5433170	33.339 ug/mlm
14) T Benzo[a]anthracene (C...	14.753	5119706	32.967 ug/ml
15) T Chrysene (C27.41)	14.797	6127045	38.820 ug/ml
16) T benzo[b]fluoranthene ...	16.303	4989663	32.733 ug/ml
17) T Bnezo[k]fluoranthene ...	16.338	4968907	33.950 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	4470081	31.252 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	4842445	38.697 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	4701526	34.972 ug/ml
21) T Benzo[g,h,i]perylene ...	18.304	4646716	35.626 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

```
Data Path : Z:\pestpcsrv\HPCHEM1\FID_D\Data\FD063022AR\  
Data File : FD043134.D  
Signal(s) : FID2B.ch  
Acq On    : 30 Jun 2022   21:32  
Operator  : YP/AJ  
Sample    : PB145955BS  
Misc      :  
ALS Vial  : 60   Sample Multiplier: 1
```

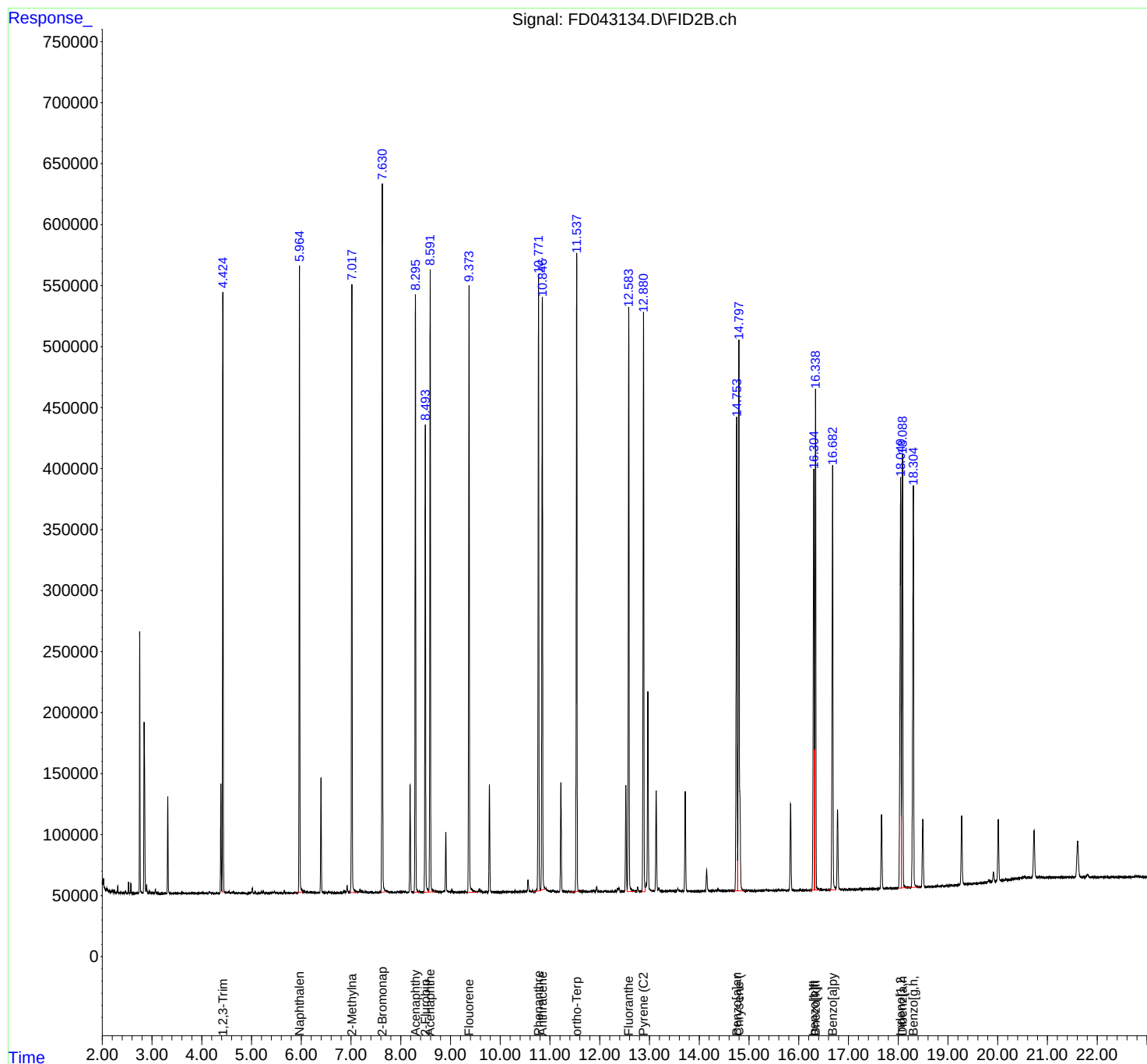
Instrument :
FID_D
ClientSampleId :
PB145955BS

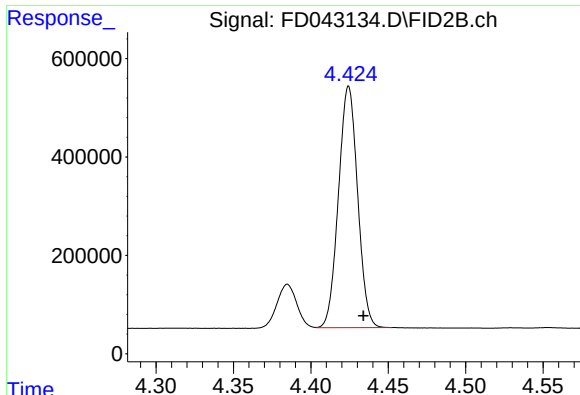
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 4224493
Conc: 25.15 ug/ml

Instrument :

FID_D

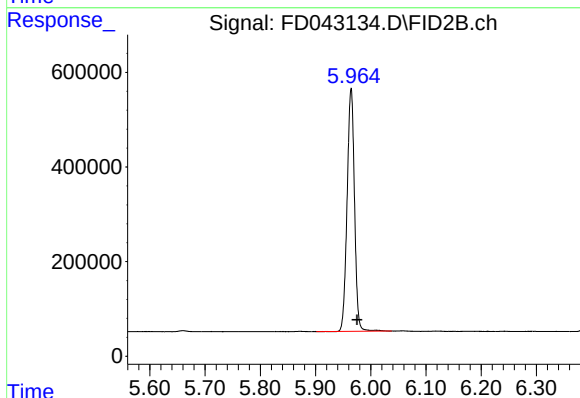
ClientSampleId :

PB145955BS

Manual Integrations

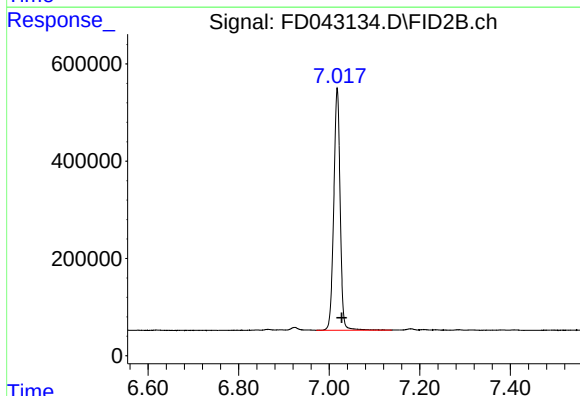
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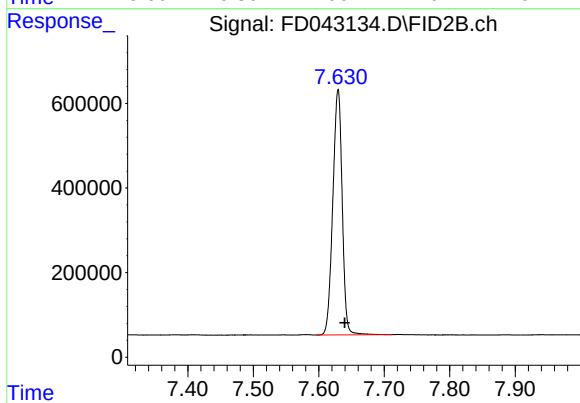
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 4773751
Conc: 27.27 ug/ml



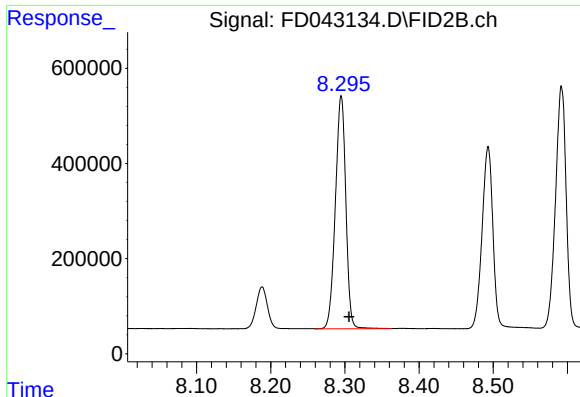
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.011 min
Response: 4868917
Conc: 30.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 5782268
Conc: 37.45 ug/ml



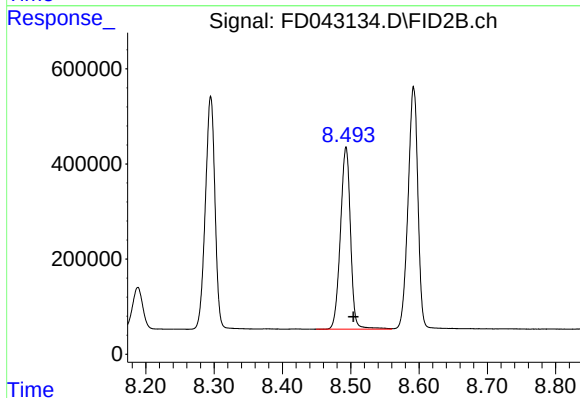
#5 Acenaphthylene (C15.06)

R.T.: 8.295 min
Delta R.T.: -0.011 min
Response: 4801727
Conc: 27.01 ug/ml

Instrument :
FID_D
ClientSampleId :
PB145955BS

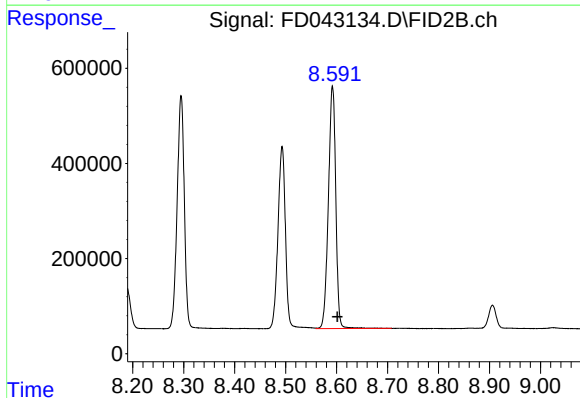
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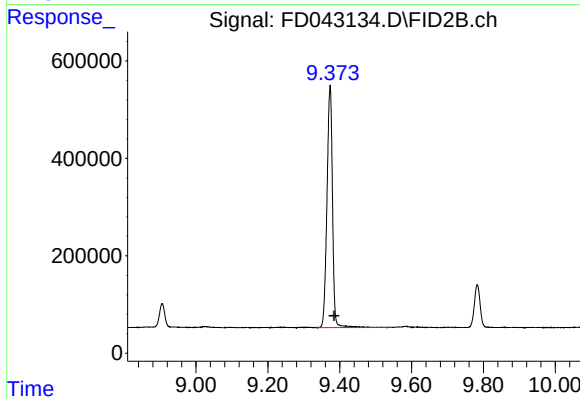
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: -0.011 min
Response: 3928670
Conc: 37.25 ug/ml



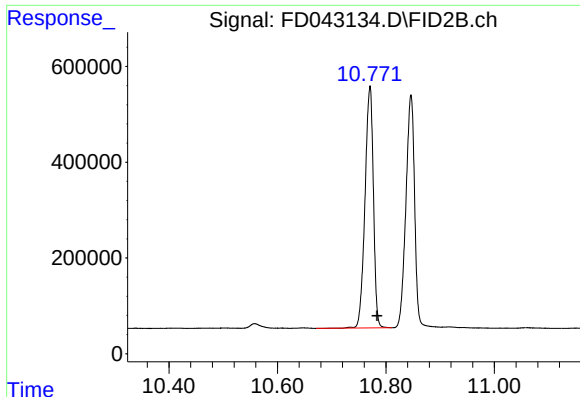
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.010 min
Response: 5130713
Conc: 29.30 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.373 min
Delta R.T.: -0.012 min
Response: 5279861
Conc: 30.46 ug/ml



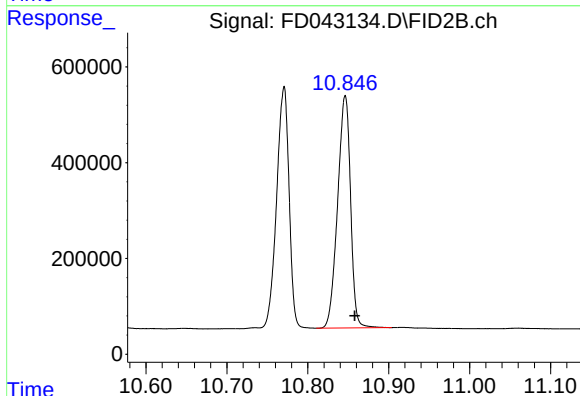
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.013 min
Response: 5413432
Conc: 31.56 ug/ml

Instrument :
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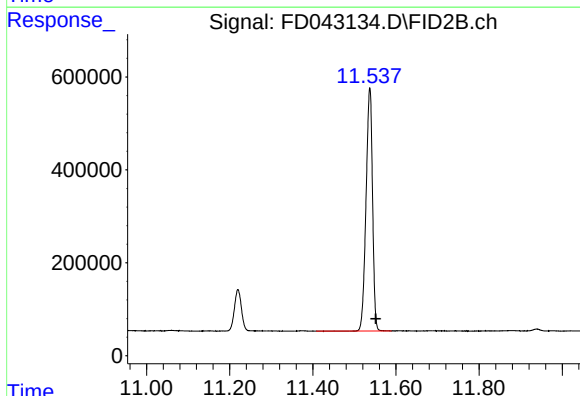
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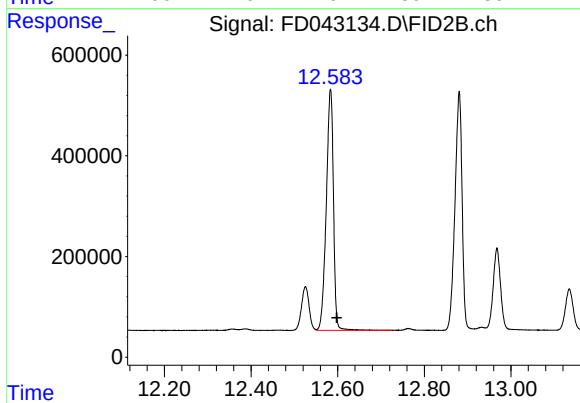
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: -0.012 min
Response: 5400119
Conc: 31.79 ug/ml



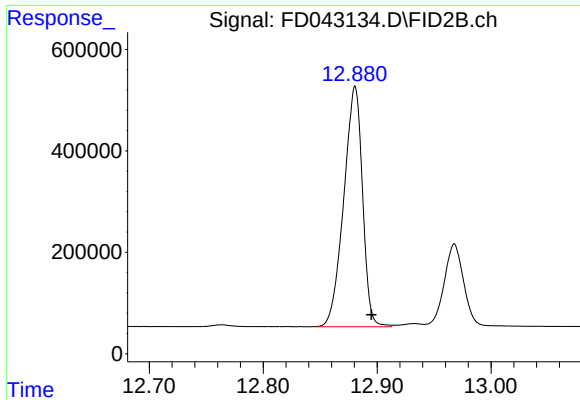
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.014 min
Response: 5651889
Conc: 31.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: -0.014 min
Response: 5506930
Conc: 32.83 ug/ml



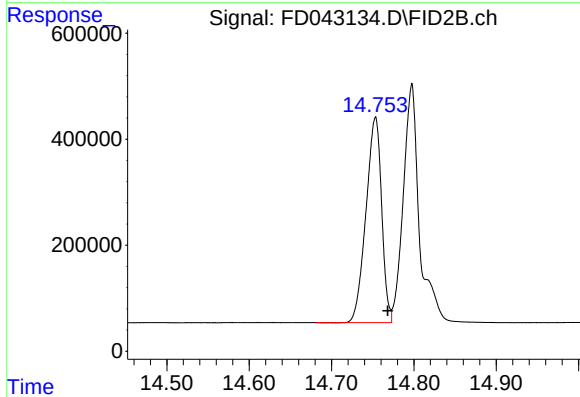
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: -0.015 min
Response: 5433170
Conc: 33.34 ug/ml

Instrument :
FID_D
ClientSampleId :
PB145955BS

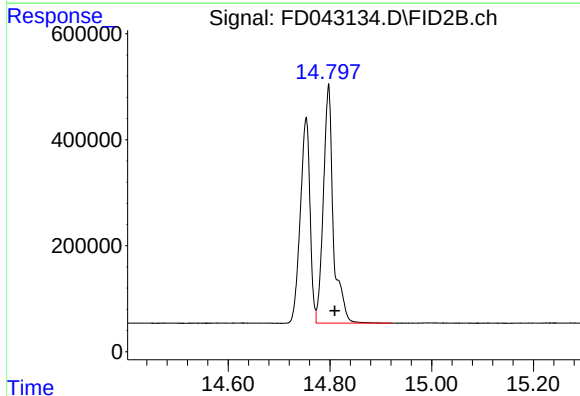
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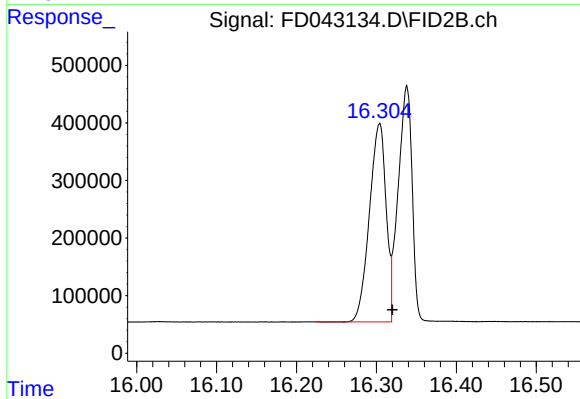
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.015 min
Response: 5119706
Conc: 32.97 ug/ml



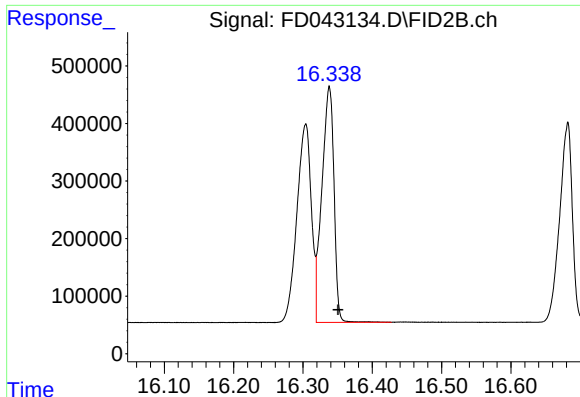
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.013 min
Response: 6127045
Conc: 38.82 ug/ml



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

R.T.: 16.303 min
Delta R.T.: -0.017 min
Response: 4989663
Conc: 32.73 ug/ml



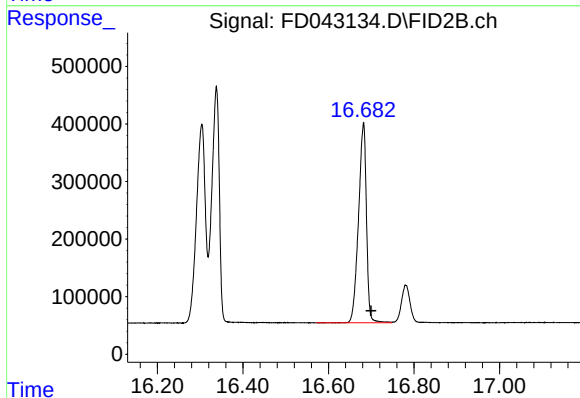
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.338 min
Delta R.T.: -0.013 min
Response: 4968907
Conc: 33.95 ug/ml

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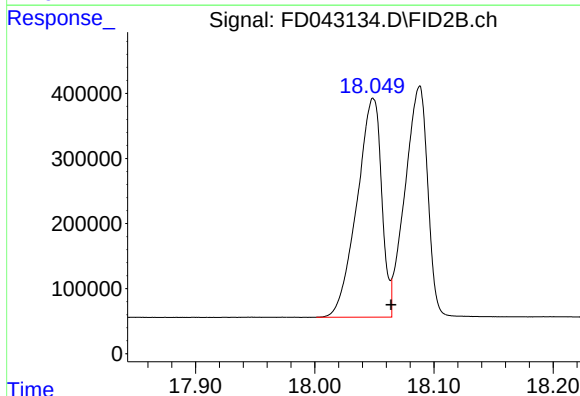
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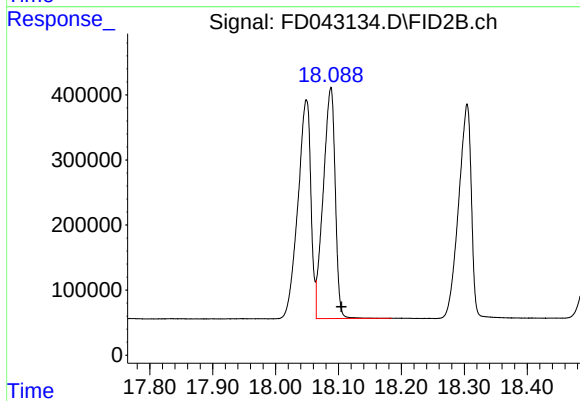
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: -0.019 min
Response: 4470081
Conc: 31.25 ug/ml



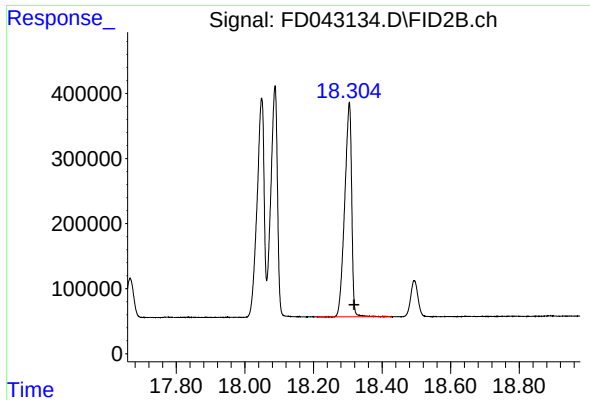
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: -0.016 min
Response: 4842445
Conc: 38.70 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.018 min
Response: 4701526
Conc: 34.97 ug/ml



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

R.T.: 18.304 min
Delta R.T.: -0.014 min
Response: 4646716
Conc: 35.63 ug/ml

Instrument :

FID_D

ClientSampleId :

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