

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121422AR\
 Data File : FD044651.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2022 20:54
 Operator : YP/AJ
 Sample : N6023-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTEMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2022

Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e

Quant Time: Dec 15 03:15:04 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M

Quant Title : GC Extractables

QLast Update : Tue Nov 29 00:29:41 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...	7.679	6668782	51.385 ug/ml
Spiked Amount 50.000		Recovery =	102.77%
6) S 2-Fluorobiphenyl (SURR)	8.538	4495202	50.899 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.80%
11) S ortho-Terphenyl (SURR)	11.565	5364767	32.964 ug/ml
Spiked Amount 50.000		Recovery =	65.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	5073858	35.555 ug/mlm
2) T Naphthalene (C11.7)	6.027	6151506	40.913 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	6089528	40.304 ug/ml
5) T Acenaphthylene (C15.06)	8.342	6851344	49.284 ug/ml
7) T Acenaphthene (C15.5)	8.637	6702043	45.668 ug/ml
8) T Flouorene (C16.55)	9.413	7015831	48.658 ug/ml
9) T Phenanthrene (C19.36)	10.804	8123128	56.964 ug/ml
10) T Anthracene (C19.43)	10.878	7009036	50.449 ug/ml
12) T Fluoranthene (C21.85)	12.608	8720656	61.173 ug/ml
13) T Pyrene (C20.8)	12.904	8154525	58.594 ug/ml
14) T Benzo[a]anthracene (C...	14.766	7480982	57.817 ug/ml
15) T Chrysene (C27.41)	14.809	7978502	59.181 ug/ml
16) T benzo[b]fluoranthene ...	16.308	7727829	58.713 ug/ml
17) T Bnezo[k]fluoranthene ...	16.341	6616292	50.809 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	6499635	50.292 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.040	6926935	54.350 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	6562152	52.154 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	6536607	50.822 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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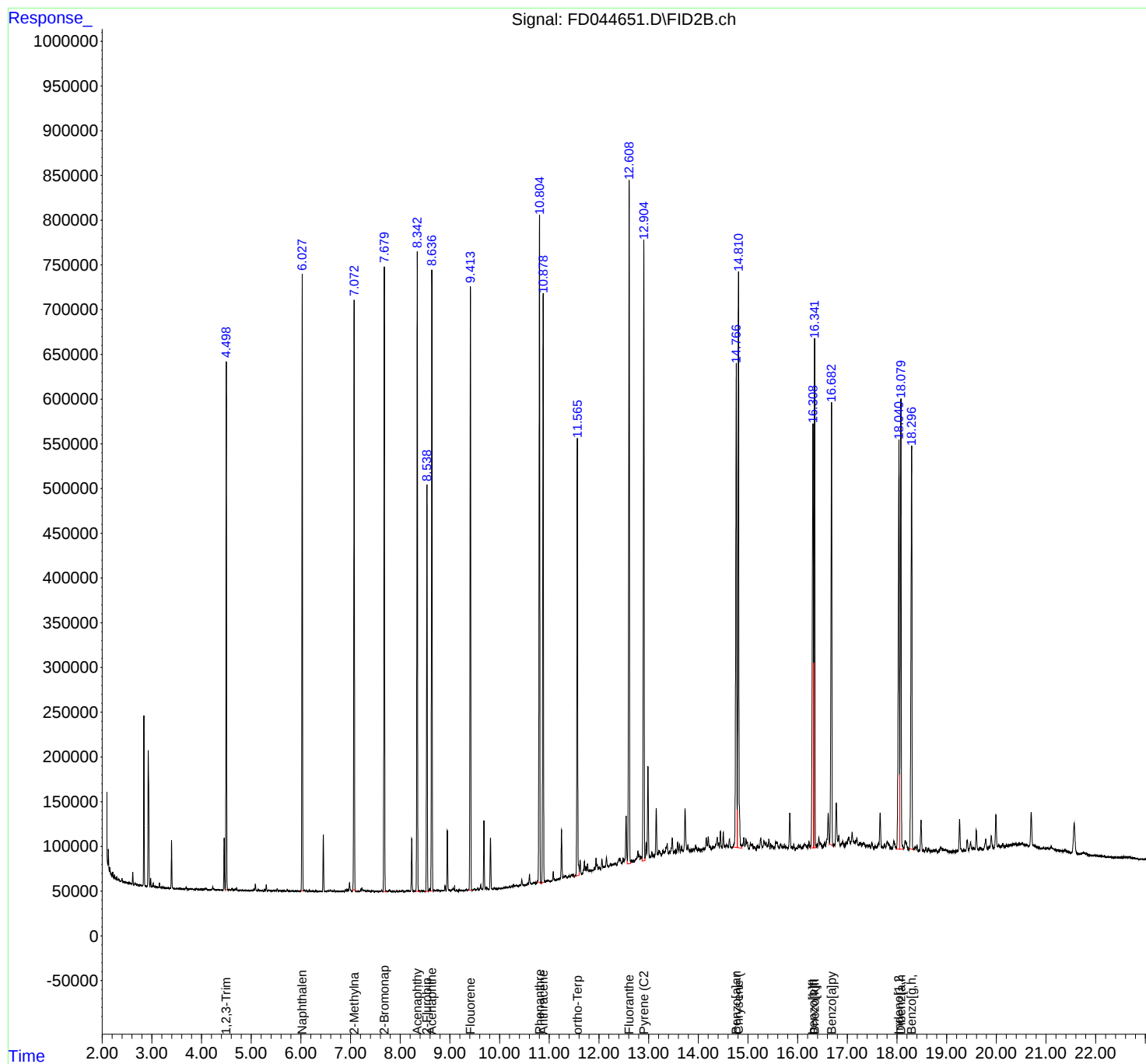
Instrument :
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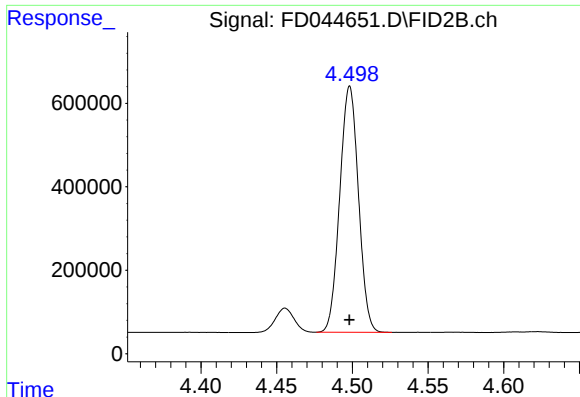
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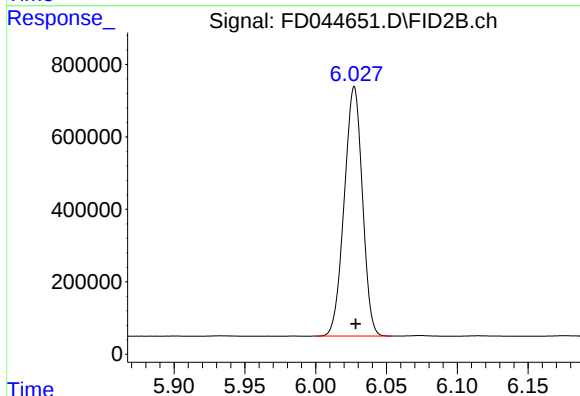
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 5073858
Conc: 35.55 ug/ml

Instrument :
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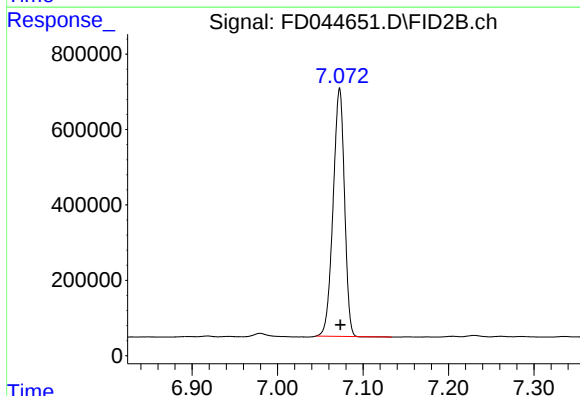
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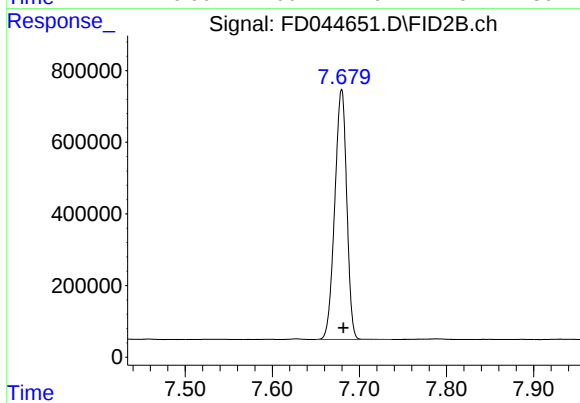
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 6151506
Conc: 40.91 ug/ml



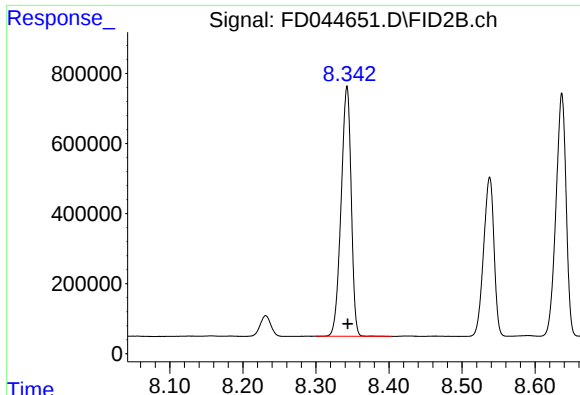
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 6089528
Conc: 40.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 6668782
Conc: 51.39 ug/ml



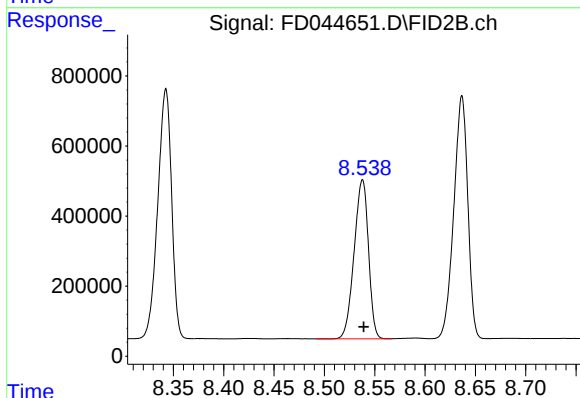
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.001 min
Response: 6851344
Conc: 49.28 ug/ml

Instrument :
FID_D
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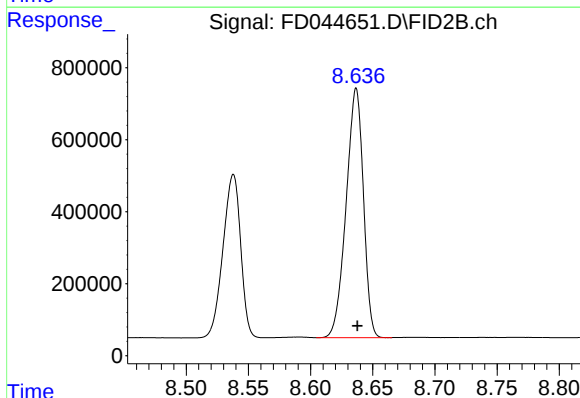
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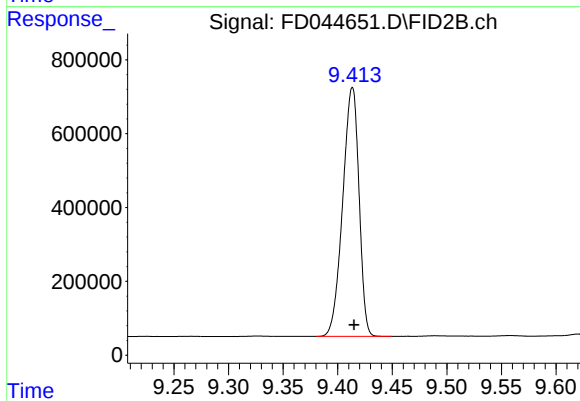
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 4495202
Conc: 50.90 ug/ml



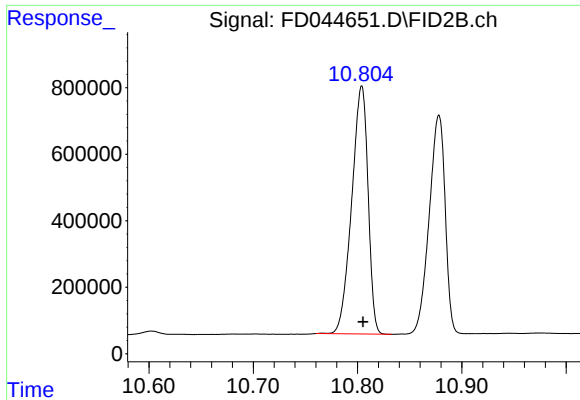
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: -0.001 min
Response: 6702043
Conc: 45.67 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 7015831
Conc: 48.66 ug/ml



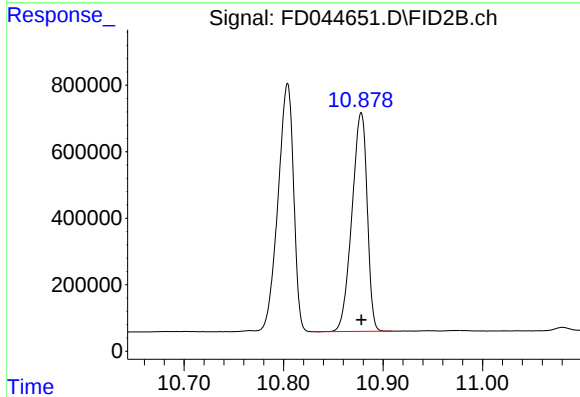
#9 Phenanthrene (C19.36)

R.T.: 10.804 min
Delta R.T.: -0.002 min
Response: 8123128
Conc: 56.96 ug/ml

Instrument :
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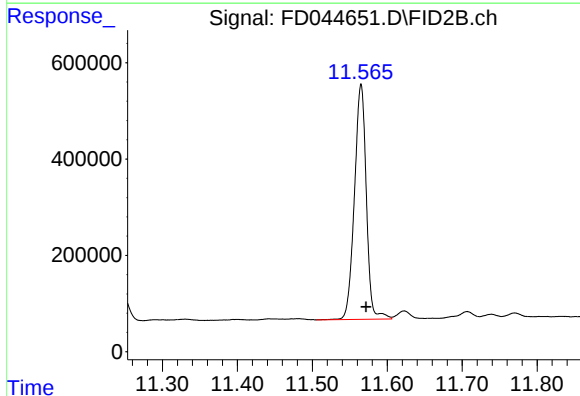
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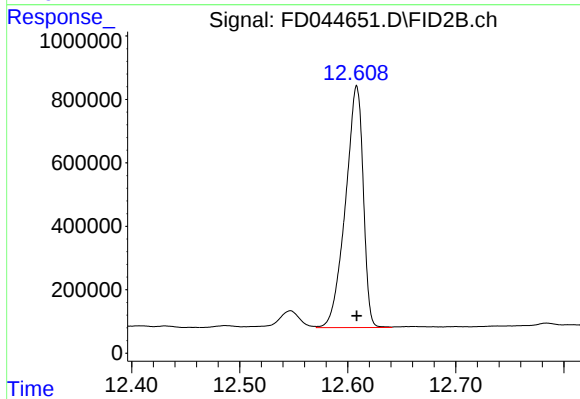
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: 0.000 min
Response: 7009036
Conc: 50.45 ug/ml



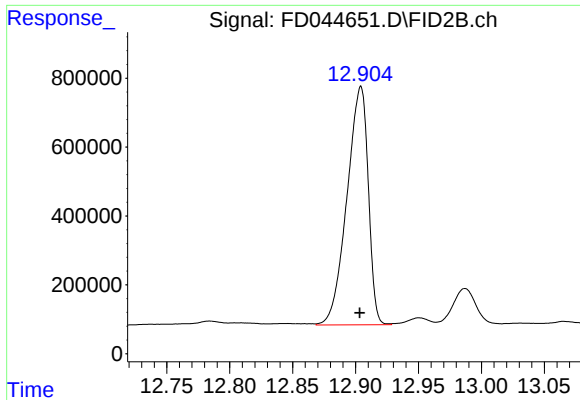
#11 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.007 min
Response: 5364767
Conc: 32.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.608 min
Delta R.T.: 0.000 min
Response: 8720656
Conc: 61.17 ug/ml



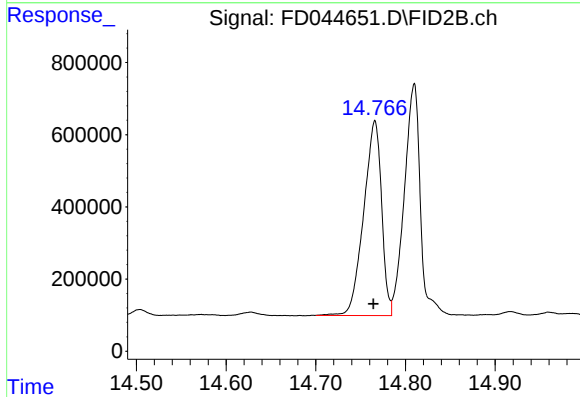
#13 Pyrene (C20.8)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 8154525
Conc: 58.59 ug/ml

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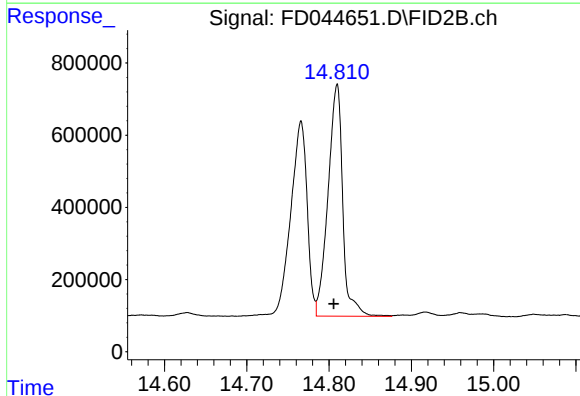
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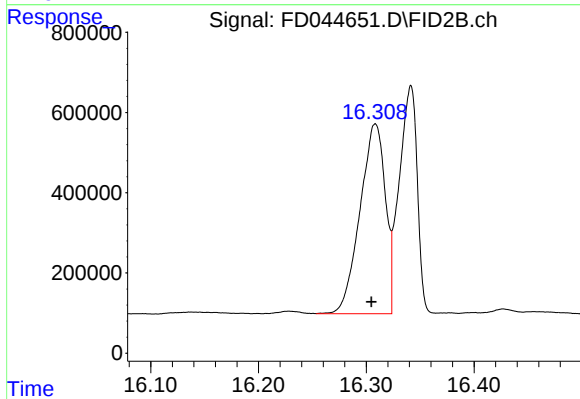
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.766 min
Delta R.T.: 0.001 min
Response: 7480982
Conc: 57.82 ug/ml



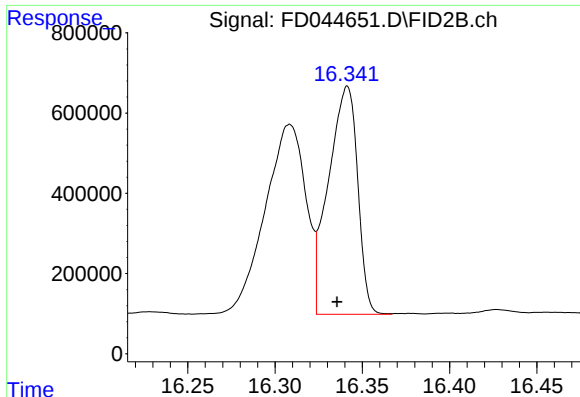
#15 Chrysene (C27.41)

R.T.: 14.809 min
Delta R.T.: 0.004 min
Response: 7978502
Conc: 59.18 ug/ml



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

R.T.: 16.308 min
Delta R.T.: 0.004 min
Response: 7727829
Conc: 58.71 ug/ml



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

R.T.: 16.341 min
Delta R.T.: 0.005 min
Response: 6616292
Conc: 50.81 ug/ml

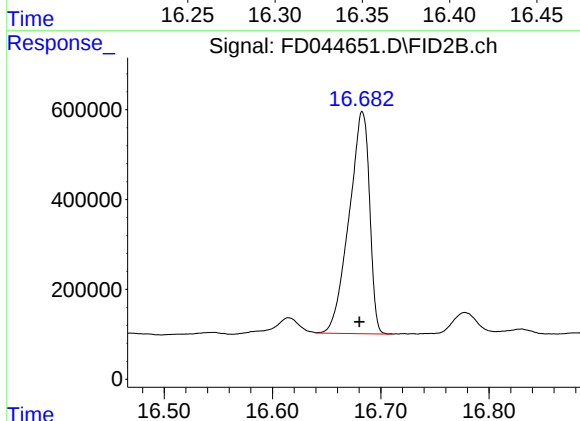
Instrument :

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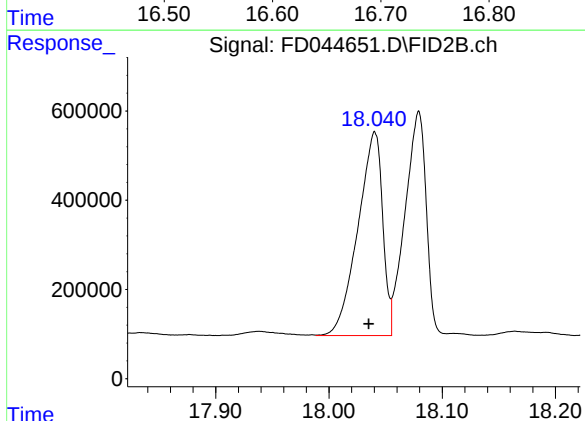
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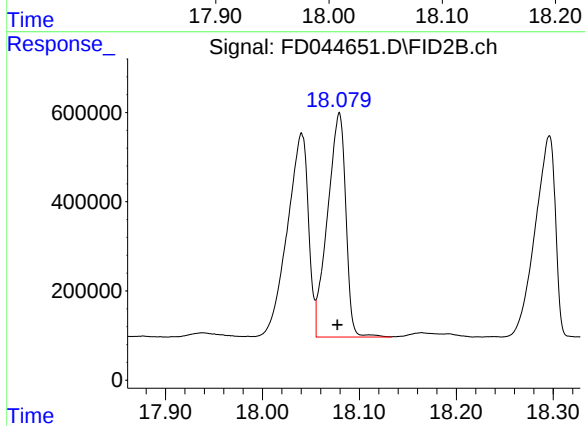
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: 0.002 min
Response: 6499635
Conc: 50.29 ug/ml m



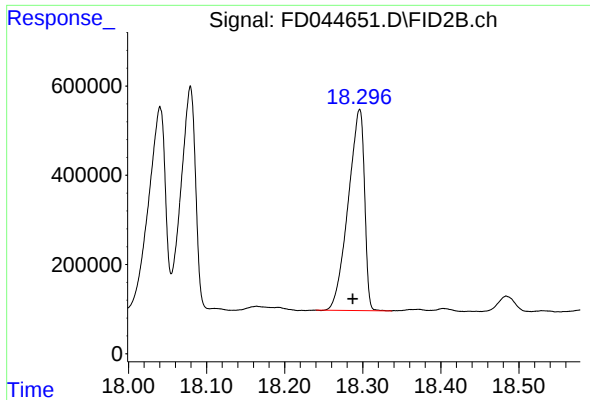
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.005 min
Response: 6926935
Conc: 54.35 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.001 min
Response: 6562152
Conc: 52.15 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.008 min
Response: 6536607
Conc: 50.82 ug/ml

Instrument :

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