

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
 Data File : FE049999.D
 Signal(s) : FID1B.ch
 Acq On : 10 Sep 2024 14:00
 Operator : YP\AJ
 Sample : PB163248BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163248BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e
 Quant Time: Sep 11 03:18:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.877	6150182	41.337 ug/ml
Spiked Amount 50.000		Recovery =	82.67%
12) S 1-chlorooctadecane (S...	13.311	5123263	45.610 ug/ml
Spiked Amount 50.000		Recovery =	91.22%
Target Compounds			
1) T n-Nonane (C9)	3.279	7980316	58.876 ug/ml
2) T n-Decane (C10)	4.524	8415275	60.975 ug/ml
3) T A~Naphthalene (C11.7)	6.226	8715465	62.267 ug/ml
4) T n-Dodecane (C12)	6.686	8694964	62.878 ug/ml
5) T A~2-methylnaphthalene...	7.321	8374194	63.712 ug/ml
6) T n-Tetradecane (C14)	8.514	8708884	63.955 ug/ml
7) T n-Hexadecane (C16)	10.118	8556917	61.604 ug/ml
8) T n-Octadecane (C18)	11.560	8674311	61.914 ug/ml
10) T n-Eicosane (C20)	12.868	8647548	64.464 ug/ml
11) T n-Heneicosane (C21)	13.478	8388713	63.842 ug/ml
13) T n-Docosane (C22)	14.064	8267452	63.490 ug/ml
14) T n-Tetracosane (C24)	15.162	15177216	116.220 ug/ml
15) T n-Hexacosane (C26)	16.187	8071816	63.091 ug/ml
16) T n-Octacosane (C28)	17.134	9129709	70.878 ug/ml
17) T n-Tricontane (C30)	18.022	8333615	62.321 ug/ml
18) T n-Dotriacontane (C32)	18.852	8661474	64.998 ug/ml
19) T n-Tetratriacontane (C34)	19.637	9188934	74.368 ug/ml
20) T n-Hexatriacontane (C36)	20.375	9740286	87.790 ug/ml
21) T n-Octatriacontane (C38)	21.105	10364812	93.987 ug/ml
22) T n-Tetracontane (C40)	21.997	10310077	94.749 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FE049999.D
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Acq On : 10 Sep 2024 14:00
Operator : YP\AJ
Sample : PB163248BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

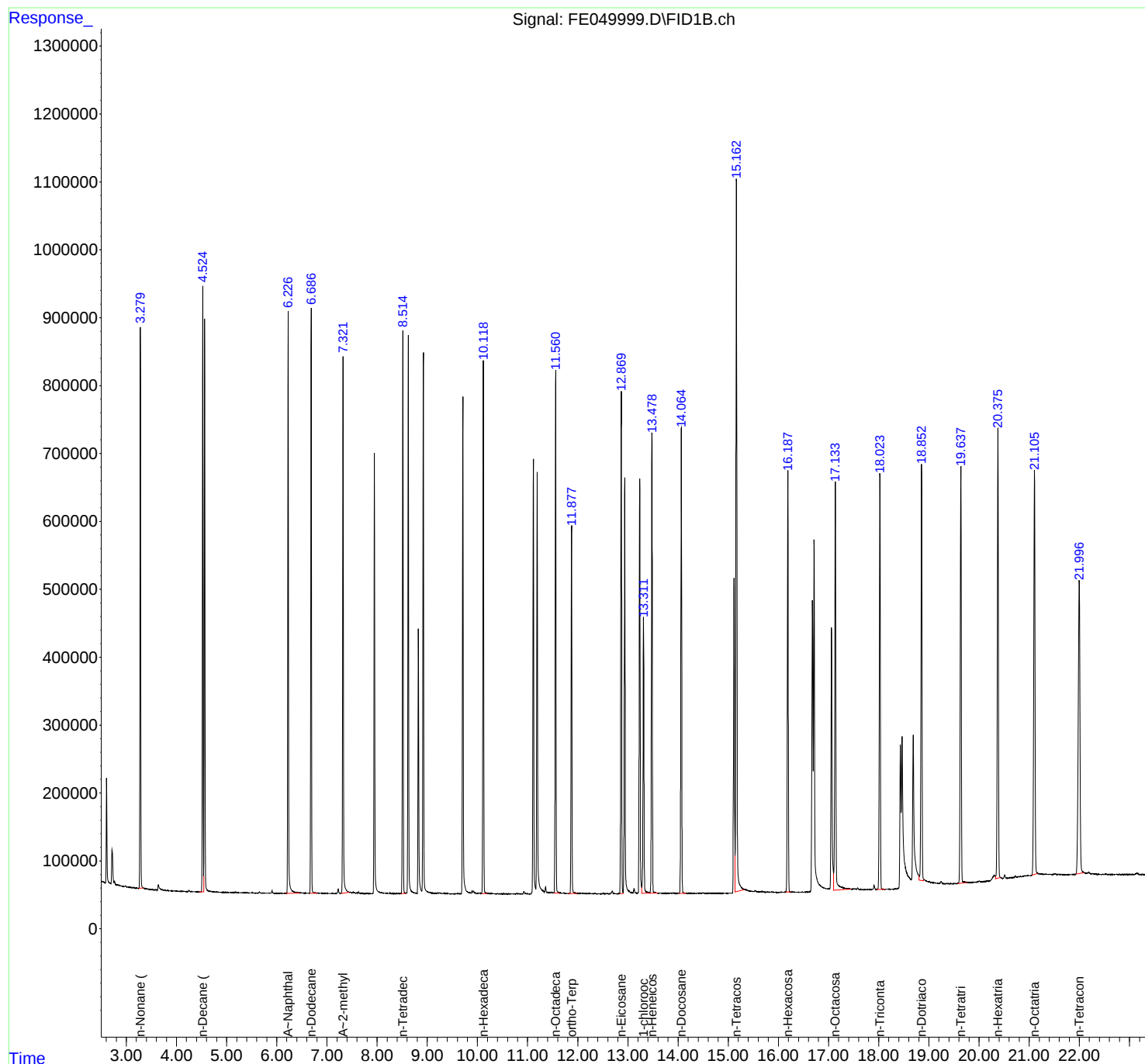
Instrument :
FID_E
ClientSampleId :
PB163248BSD

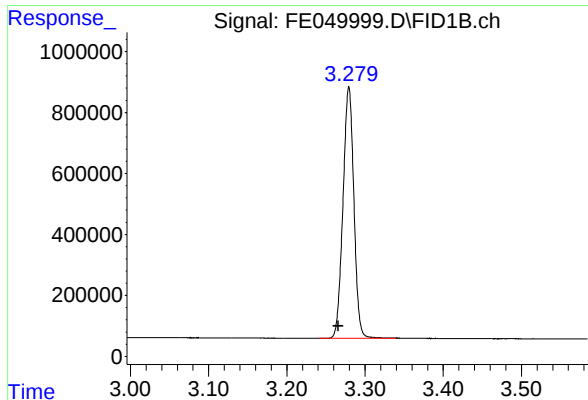
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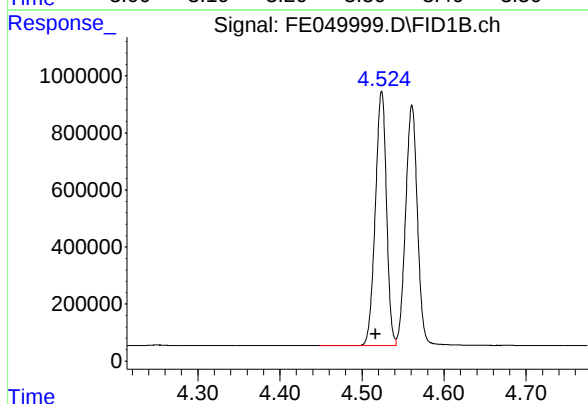
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.013 min
Response: 7980316
Conc: 58.88 ug/ml

Instrument :
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ClientSampleId :
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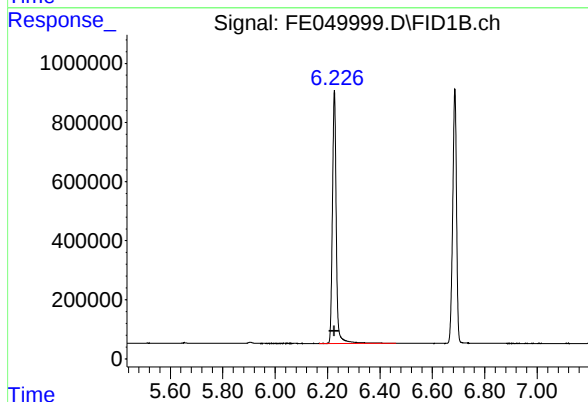
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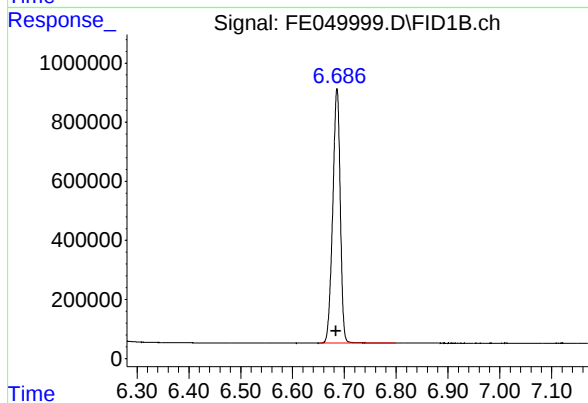
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.007 min
Response: 8415275
Conc: 60.98 ug/ml



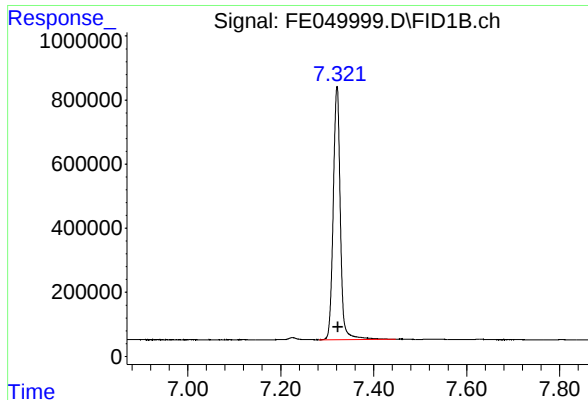
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 8715465
Conc: 62.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.002 min
Response: 8694964
Conc: 62.88 ug/ml



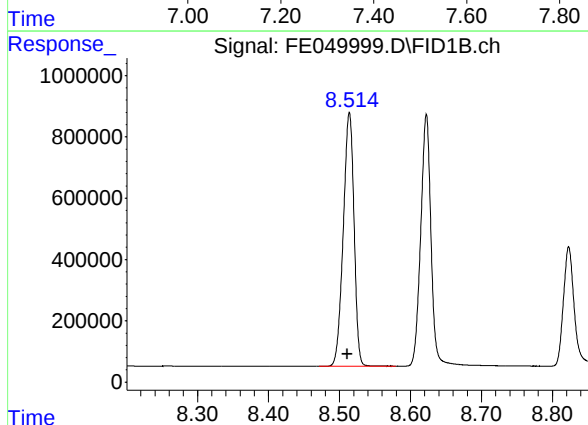
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 8374194
Conc: 63.71 ug/ml

Instrument :
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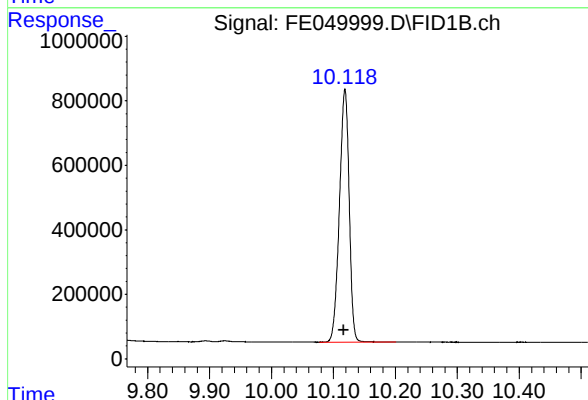
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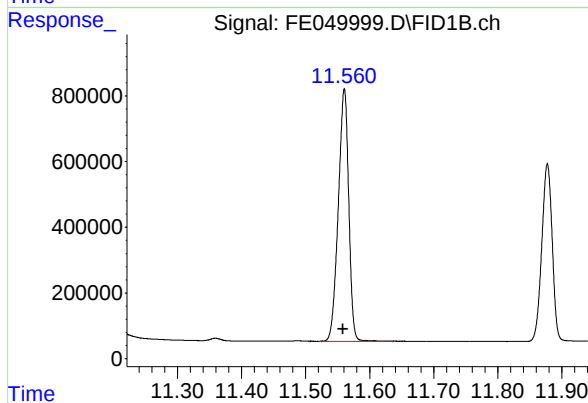
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.003 min
Response: 8708884
Conc: 63.96 ug/ml



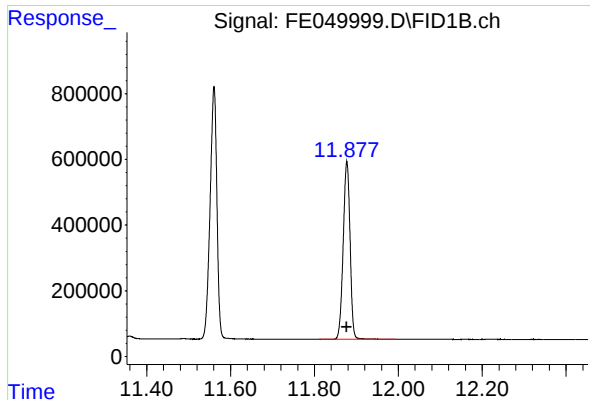
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.002 min
Response: 8556917
Conc: 61.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 8674311
Conc: 61.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: 0.000 min
Response: 6150182
Conc: 41.34 ug/ml

Instrument :

FID_E

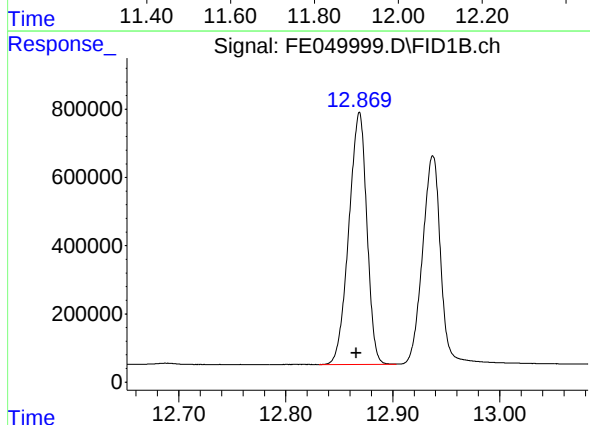
ClientSampleId :

PB163248BSD

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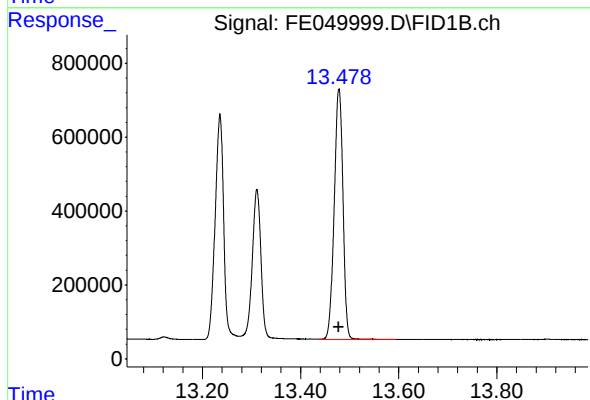
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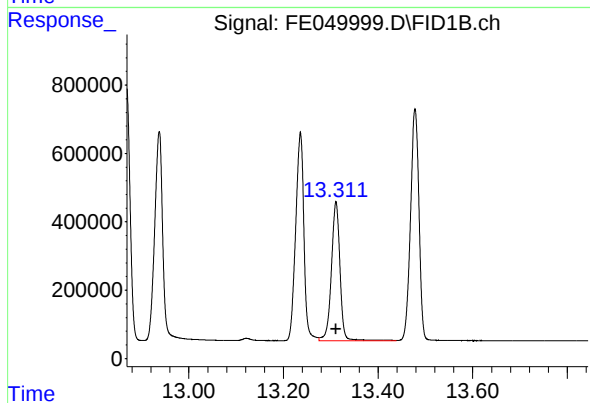
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.003 min
Response: 8647548
Conc: 64.46 ug/ml



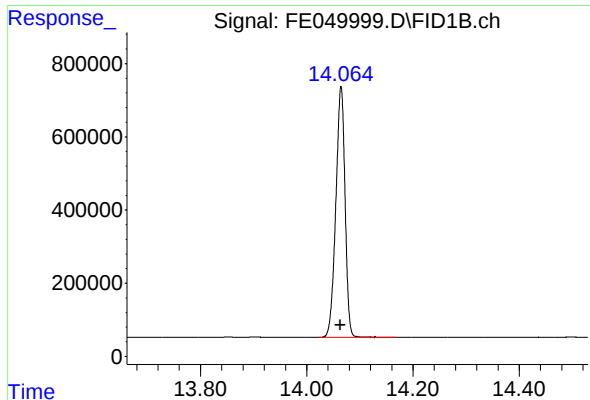
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.000 min
Response: 8388713
Conc: 63.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 5123263
Conc: 45.61 ug/ml



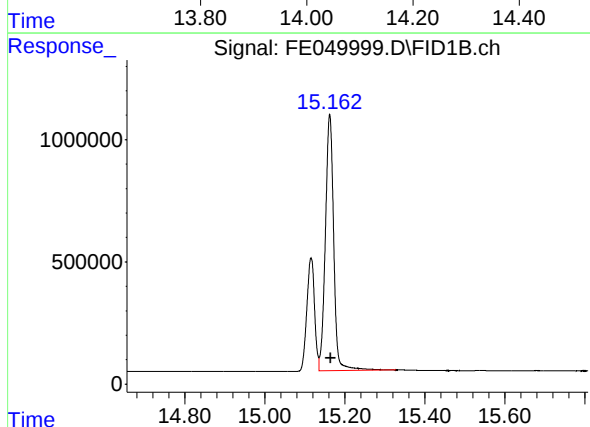
#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: 0.002 min
Response: 8267452
Conc: 63.49 ug/ml

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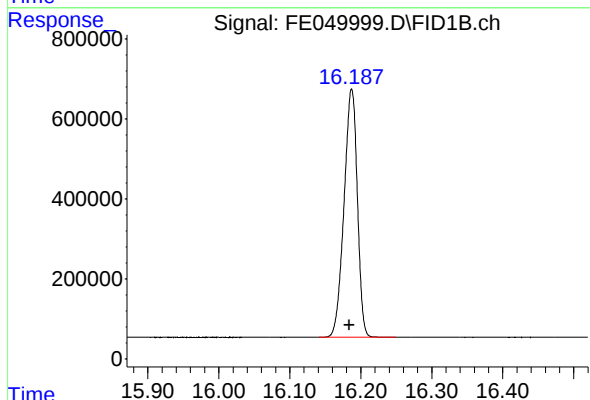
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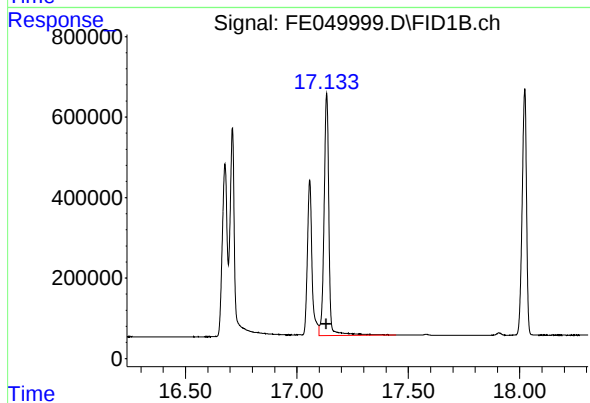
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.002 min
Response: 15177216
Conc: 116.22 ug/ml



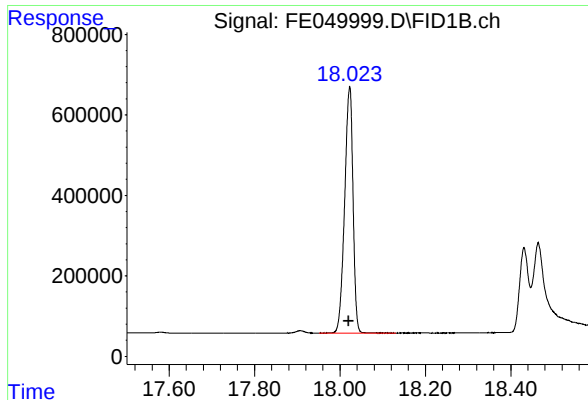
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: 0.003 min
Response: 8071816
Conc: 63.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: 0.000 min
Response: 9129709
Conc: 70.88 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: 0.002 min
Response: 8333615
Conc: 62.32 ug/ml

Instrument :

FID_E

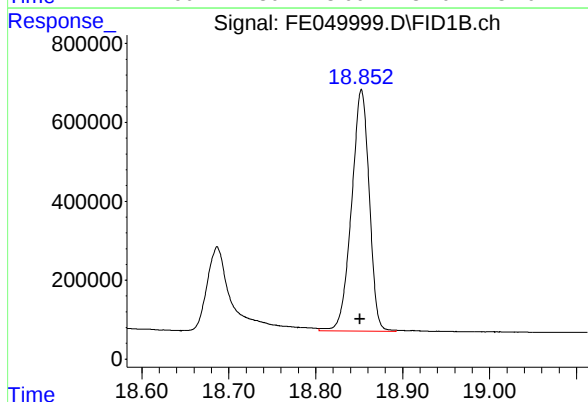
ClientSampleId :

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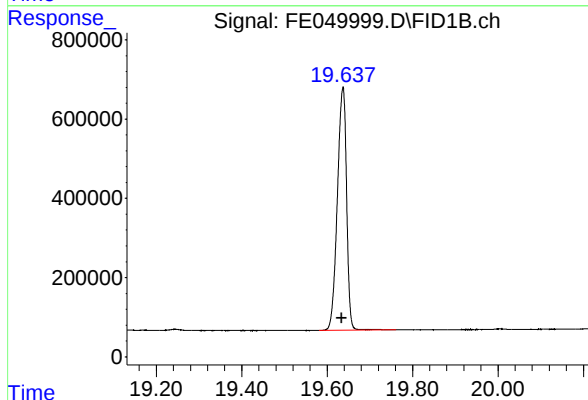
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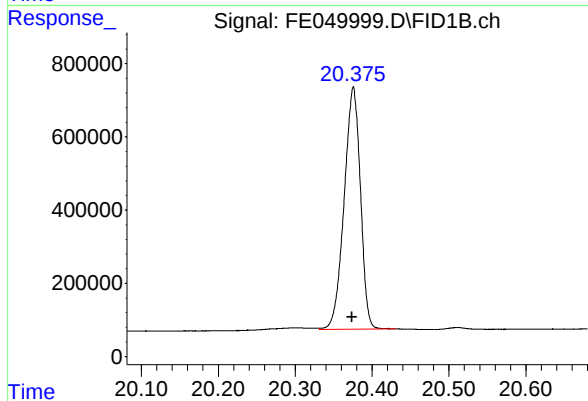
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.001 min
Response: 8661474
Conc: 65.00 ug/ml m



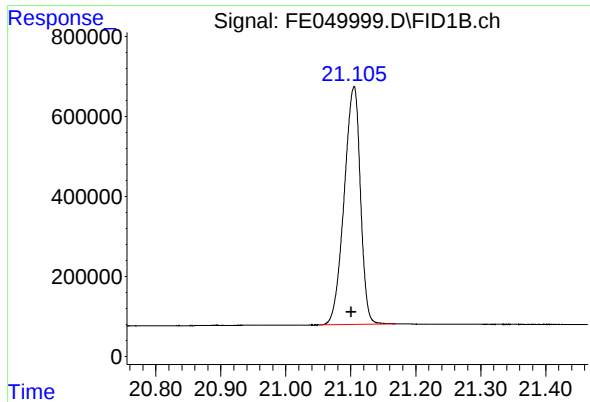
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: 0.003 min
Response: 9188934
Conc: 74.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: 0.002 min
Response: 9740286
Conc: 87.79 ug/ml



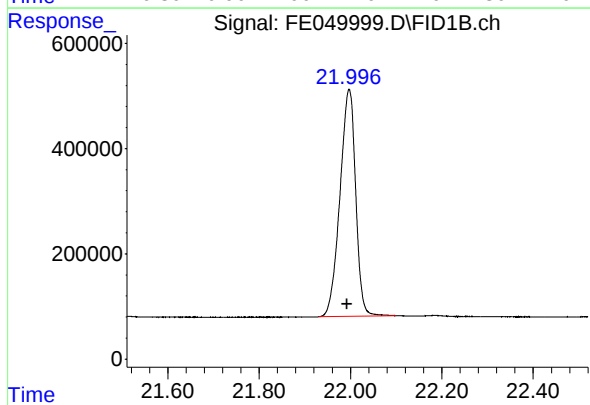
#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: 0.004 min
Response: 10364812
Conc: 93.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: 0.005 min
Response: 10310077
Conc: 94.75 ug/ml