

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033123AL\
 Data File : FE041100.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2023 13:20
 Operator : YP\AJ
 Sample : PB151809BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151809BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/03/2023

Supervised By :Ankita Jodhani 04/03/2023

Integration File: autoint1.e

Quant Time: Apr 01 01:19:53 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 2023

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)	11.853	8200809	43.635 ug/ml
Spiked Amount 50.000		Recovery =	87.27%
12) S 1-chlorooctadecane (S...	13.293	6673099	46.380 ug/ml
Spiked Amount 50.000		Recovery =	92.76%
Target Compounds			
1) T n-Nonane (C9)	3.263	7226640	41.649 ug/ml
2) T n-Decane (C10)	4.505	7536555	44.276 ug/ml
3) T A~Naphthalene (C11.7)	6.200	8305697	45.409 ug/ml
4) T n-Dodecane (C12)	6.663	7948479	45.823 ug/ml
5) T A~2-methylnaphthalene...	7.295	7839583	47.337 ug/ml
6) T n-Tetradecane (C14)	8.491	7931980	45.491 ug/ml
7) T n-Hexadecane (C16)	10.096	8132316	45.725 ug/ml
8) T n-Octadecane (C18)	11.539	8051471	45.093 ug/ml
10) T n-Eicosane (C20)	12.849	7867730	46.125 ug/ml
11) T n-Heneicosane (C21)	13.460	7460575	44.097 ug/ml
13) T n-Docosane (C22)	14.047	7324525	44.261 ug/ml
14) T n-Tetracosane (C24)	15.143	14045049	86.812 ug/ml
15) T n-Hexacosane (C26)	16.173	6871226	44.326 ug/ml
16) T n-Octacosane (C28)	17.123	6915465	45.146 ug/ml
17) T n-Tricontane (C30)	18.014	6730158	44.030 ug/ml
18) T n-Dotriacontane (C32)	18.846	6627707	42.450 ug/ml
19) T n-Tetratriacontane (C34)	19.630	6656856	42.956 ug/mlm
20) T n-Hexatriacontane (C36)	20.374	6600249	43.452 ug/ml
21) T n-Octatriacontane (C38)	21.098	6724146	43.043 ug/mlm
22) T n-Tetracontane (C40)	21.985	6991253	43.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 2023

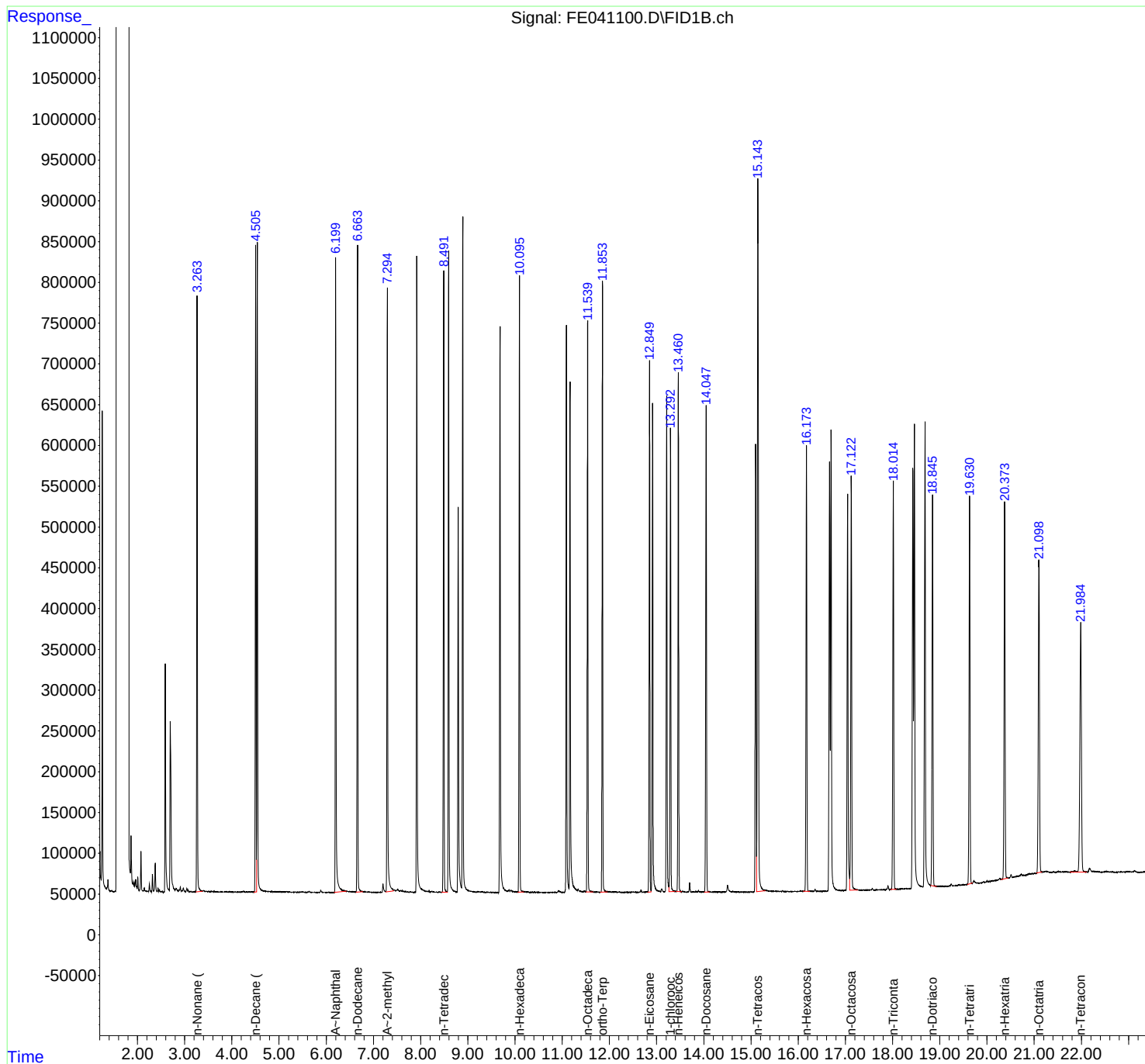
Response via : Initial Calibration

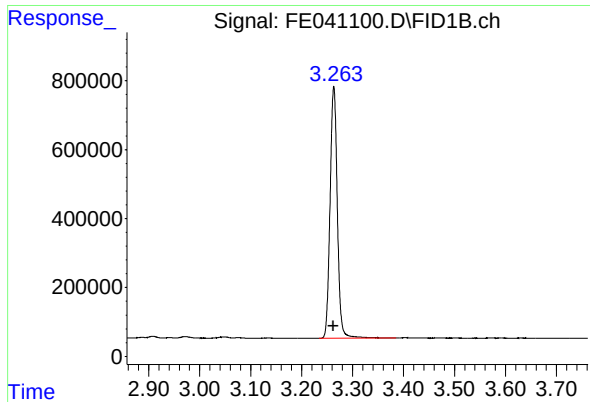
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: 0.001 min
Response: 7226640
Conc: 41.65 ug/ml

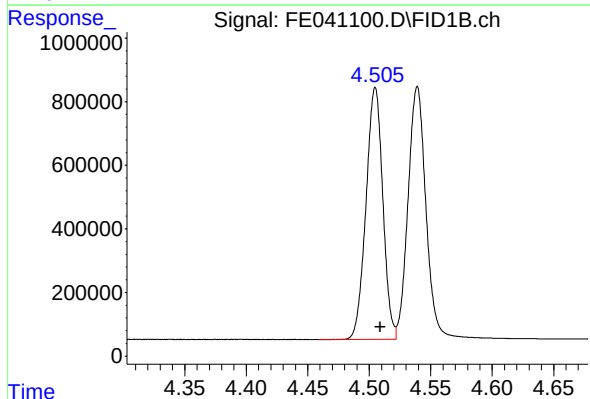
Instrument :

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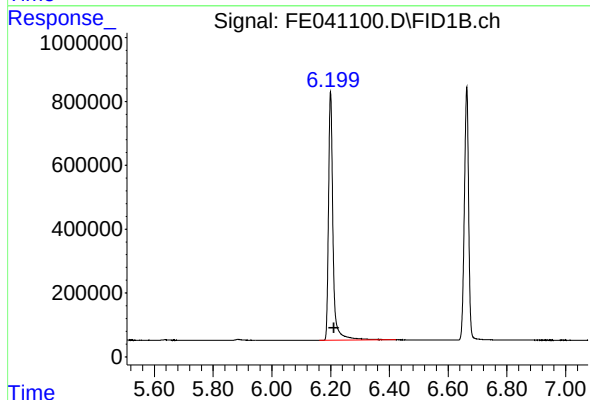
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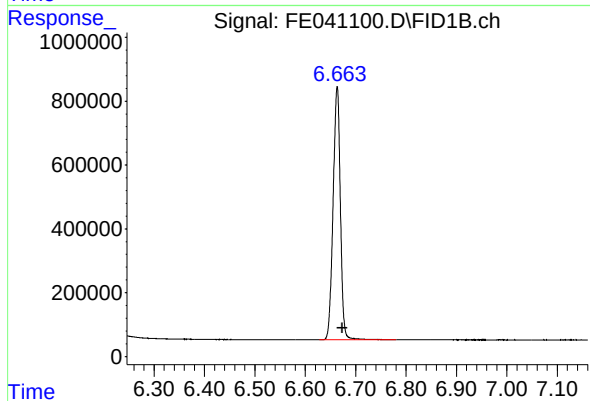
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 7536555
Conc: 44.28 ug/ml



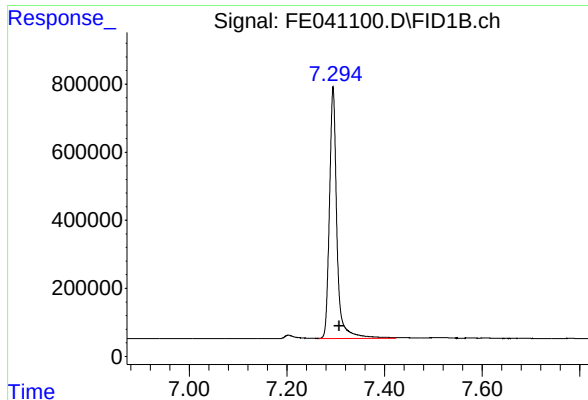
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.012 min
Response: 8305697
Conc: 45.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: -0.010 min
Response: 7948479
Conc: 45.82 ug/ml



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

R.T.: 7.295 min
Delta R.T.: -0.013 min
Response: 7839583
Conc: 47.34 ug/ml

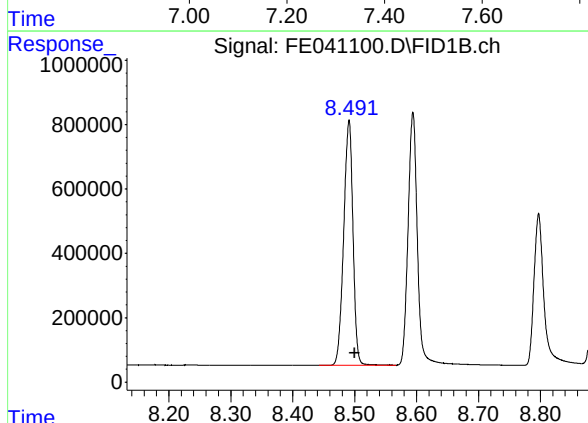
Instrument :

FID_E

ClientSampleId :
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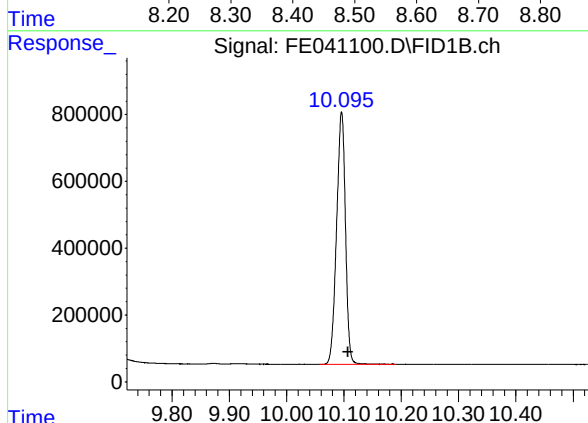
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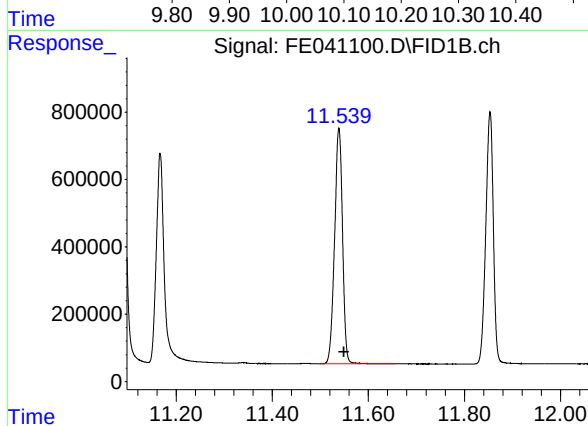
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 7931980
Conc: 45.49 ug/ml



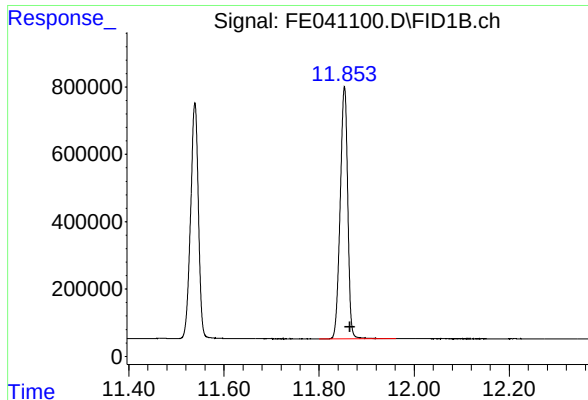
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.011 min
Response: 8132316
Conc: 45.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.539 min
Delta R.T.: -0.011 min
Response: 8051471
Conc: 45.09 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: -0.012 min
Response: 8200809
Conc: 43.64 ug/ml

Instrument :

FID_E

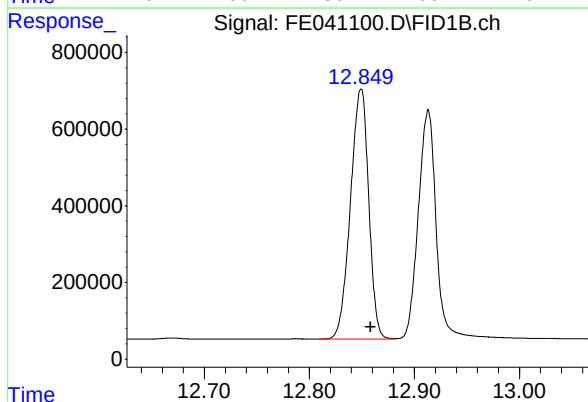
ClientSampleId :

PB151809BS

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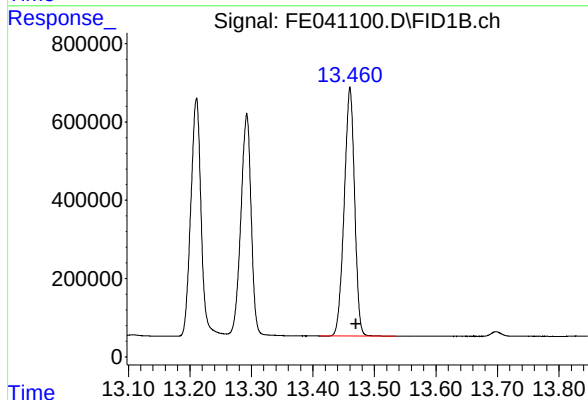
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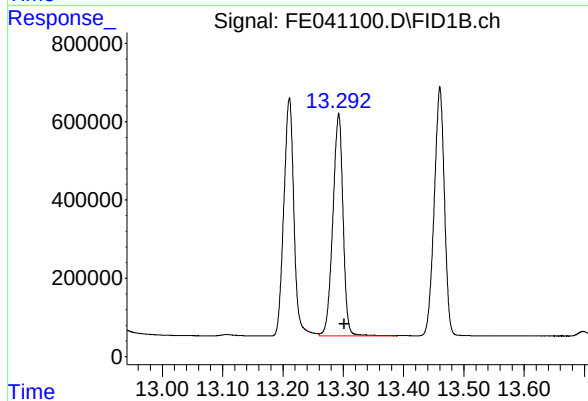
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.009 min
Response: 7867730
Conc: 46.13 ug/ml



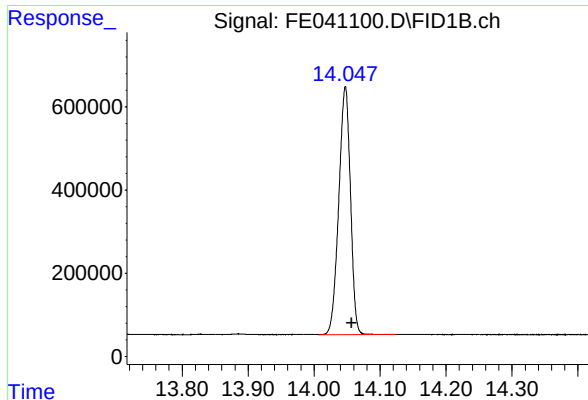
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.010 min
Response: 7460575
Conc: 44.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.009 min
Response: 6673099
Conc: 46.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.010 min
Response: 7324525
Conc: 44.26 ug/ml

Instrument :

FID_E

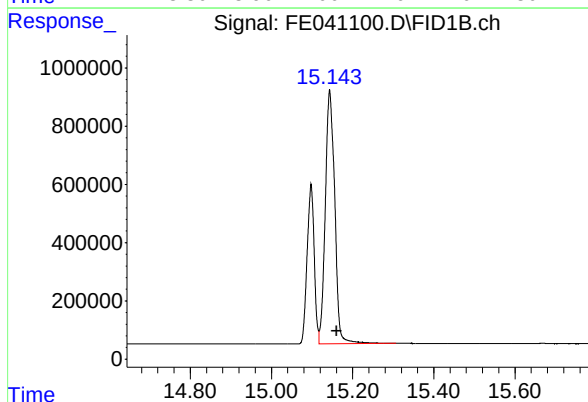
ClientSampleId :

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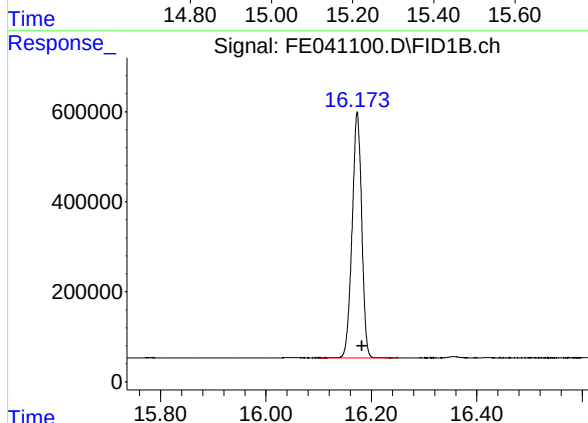
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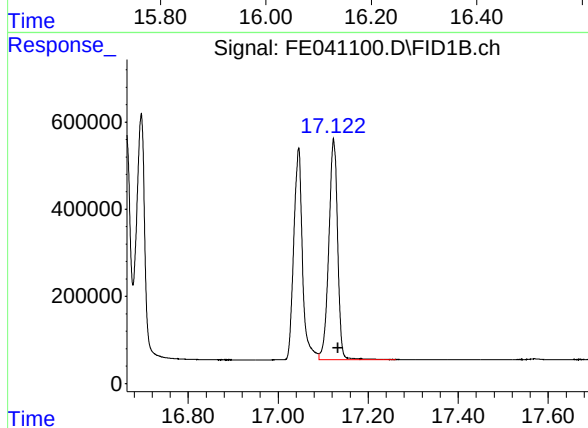
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.017 min
Response: 14045049
Conc: 86.81 ug/ml



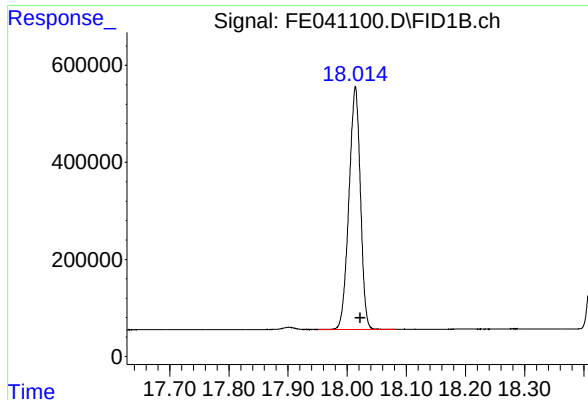
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.009 min
Response: 6871226
Conc: 44.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.010 min
Response: 6915465
Conc: 45.15 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.008 min
Response: 6730158
Conc: 44.03 ug/ml

Instrument :

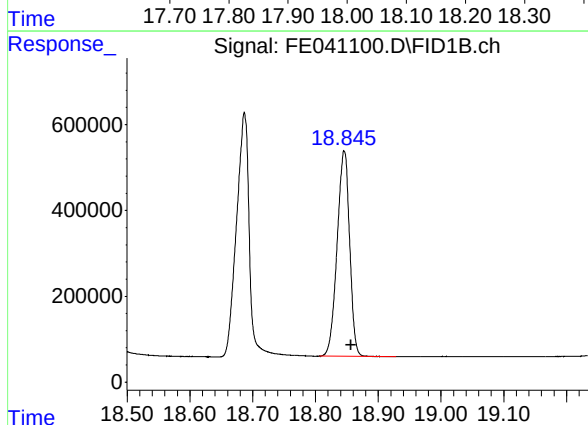
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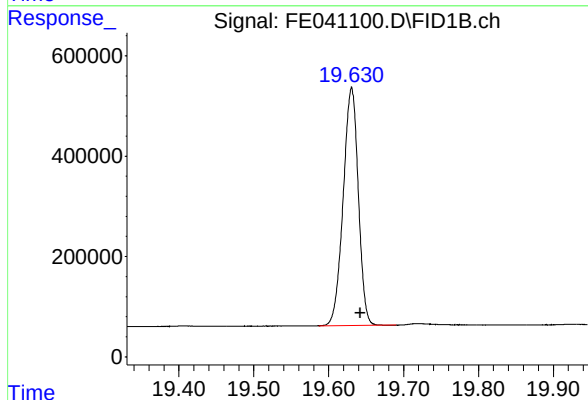
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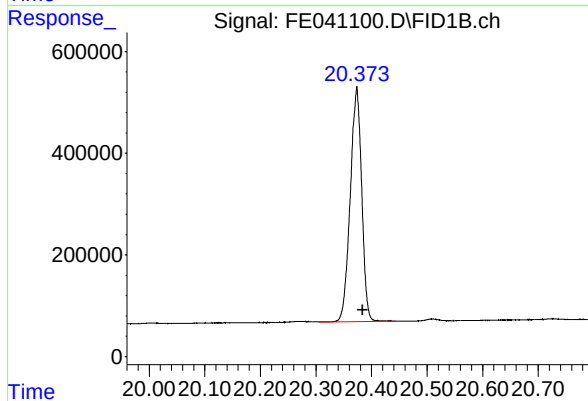
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.011 min
Response: 6627707
Conc: 42.45 ug/ml



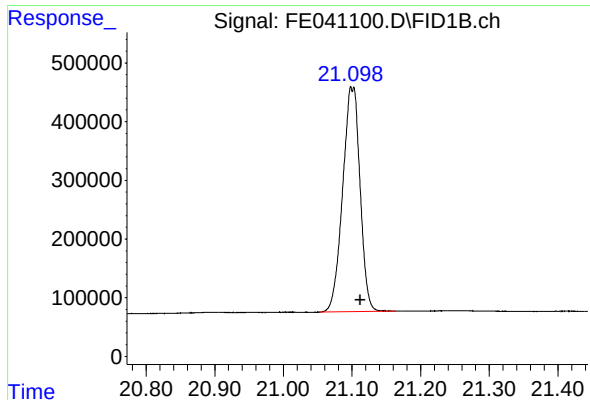
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.012 min
Response: 6656856
Conc: 42.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.010 min
Response: 6600249
Conc: 43.45 ug/ml



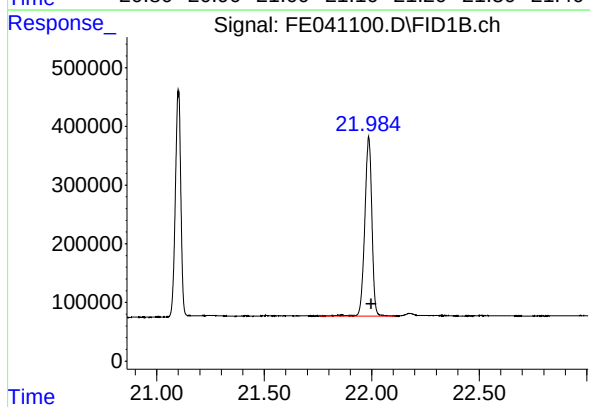
#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.014 min
Response: 6724146
Conc: 43.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.013 min
Response: 6991253
Conc: 43.80 ug/ml