

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036259.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 14:11
 Operator : YP\AJ
 Sample : PB145885BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB145885BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/29/2022

Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e

Quant Time: Jun 29 08:09:25 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M

Quant Title : GC Extractables

QLast Update : Tue Jun 21 03:08:45 2022

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	9140933	45.752 ug/ml
Spiked Amount 50.000		Recovery =	91.50%
12) S 1-chlorooctadecane (S...	13.315	7253120	46.849 ug/ml
Spiked Amount 50.000		Recovery =	93.70%
Target Compounds			
1) T n-Nonane (C9)	3.281	9150028	50.873 ug/ml
2) T n-Decane (C10)	4.529	10107349	56.227 ug/ml
3) T A~Naphthalene (C11.7)	6.224	12087107	60.244 ug/ml
4) T n-Dodecane (C12)	6.690	11358731	61.324 ug/ml
5) T A~2-methylnaphthalene...	7.320	12698470	62.378 ug/ml
6) T n-Tetradecane (C14)	8.519	12209397	65.307 ug/ml
7) T n-Hexadecane (C16)	10.123	12454006	66.502 ug/ml
8) T n-Octadecane (C18)	11.566	12805600	68.831 ug/ml
10) T n-Eicosane (C20)	12.874	12204960	67.370 ug/ml
11) T n-Heneicosane (C21)	13.485	11999183	66.800 ug/ml
13) T n-Docosane (C22)	14.072	11762091	66.528 ug/ml
14) T n-Tetracosane (C24)	15.172	7231002	42.219 ug/ml
15) T n-Hexacosane (C26)	16.195	11000123	66.578 ug/ml
16) T n-Octacosane (C28)	17.145	10513189	65.677 ug/ml
17) T n-Tricontane (C30)	18.033	10168752	65.681 ug/ml
18) T n-Dotriacontane (C32)	18.864	10133235	69.341 ug/ml
19) T n-Tetratriacontane (C34)	19.646	9709244	70.163 ug/mlm
20) T n-Hexatriacontane (C36)	20.388	9063963	67.517 ug/ml
21) T n-Octatriacontane (C38)	21.115	8918501	67.061 ug/mlm
22) T n-Tetracontane (C40)	22.017	9104954	65.116 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB145885BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

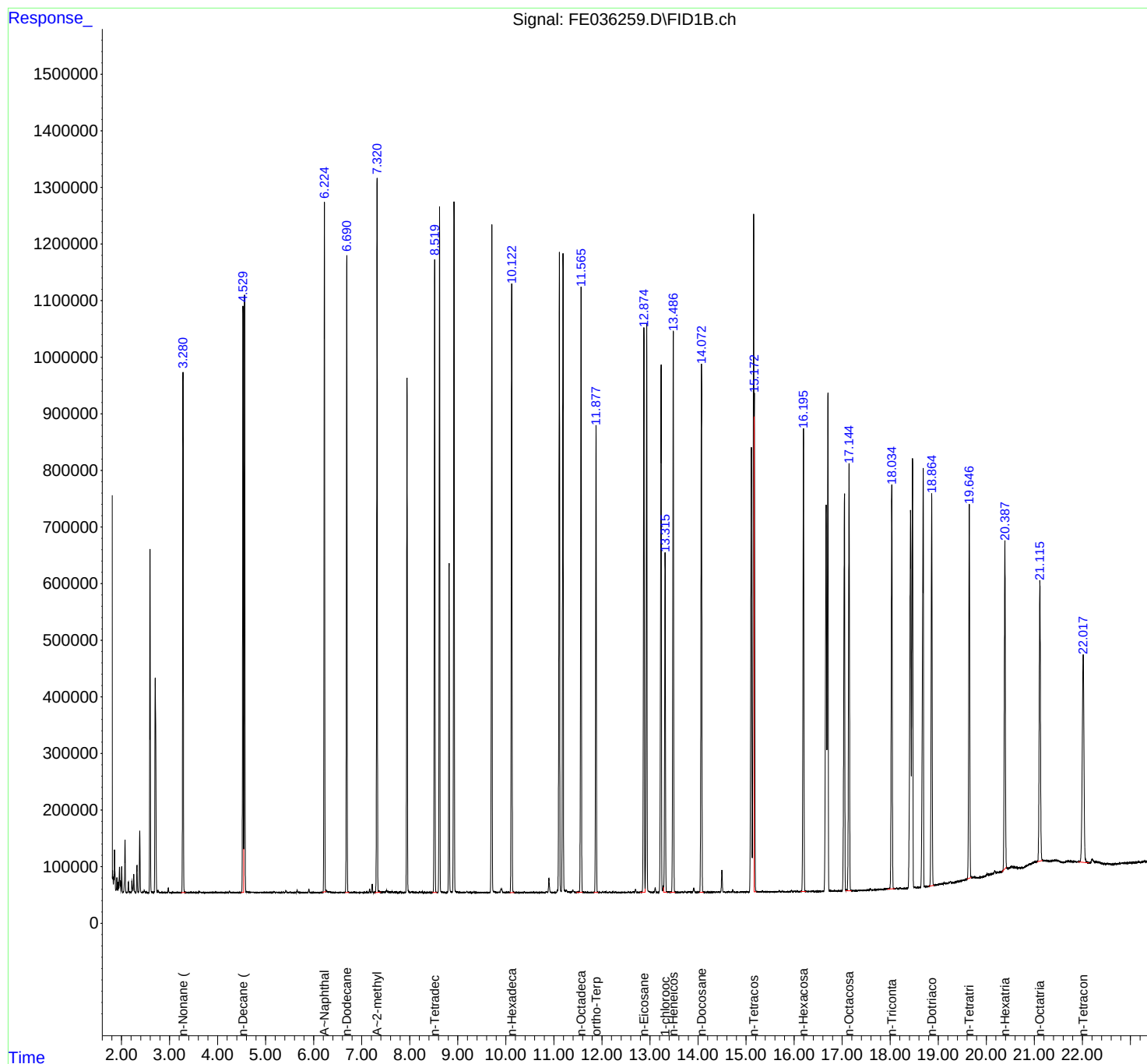
Instrument :
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ClientSampleId :
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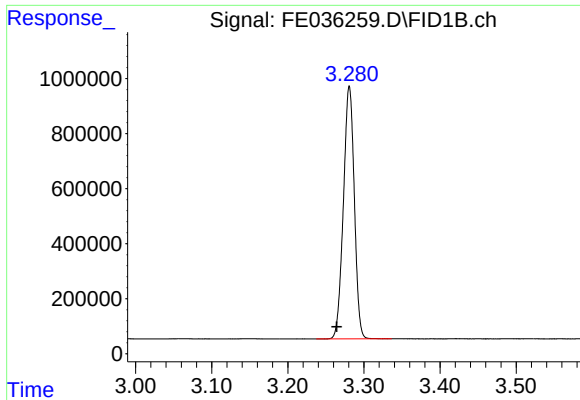
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.017 min
Response: 9150028
Conc: 50.87 ug/ml

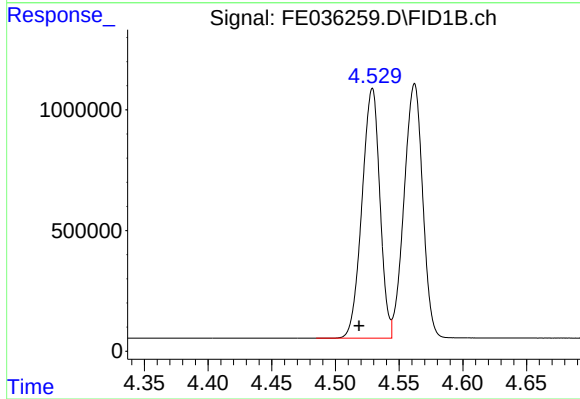
Instrument :

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PB145885BS

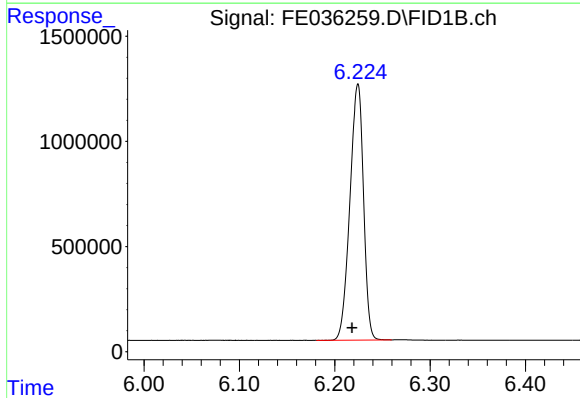
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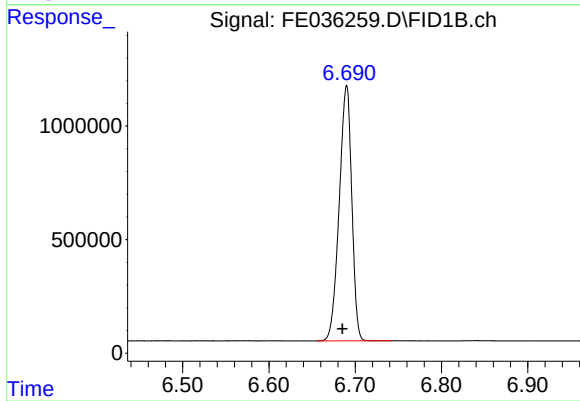
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.010 min
Response: 10107349
Conc: 56.23 ug/ml



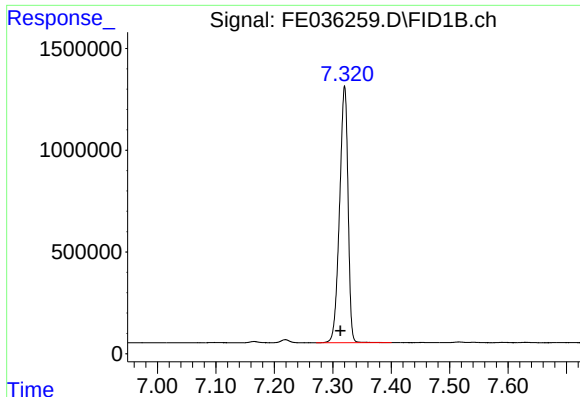
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.006 min
Response: 12087107
Conc: 60.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.005 min
Response: 11358731
Conc: 61.32 ug/ml



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

R.T.: 7.320 min
Delta R.T.: 0.007 min
Response: 12698470
Conc: 62.38 ug/ml

Instrument :

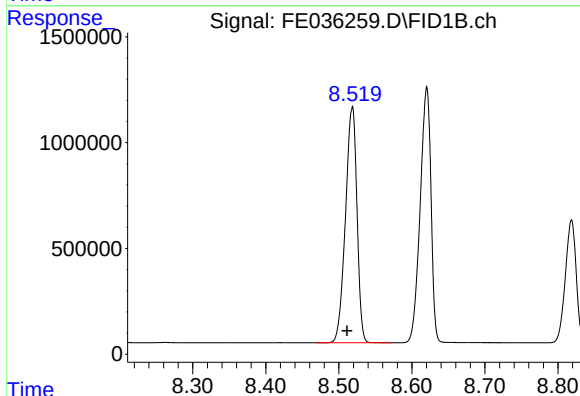
FID_E

ClientSampleId :

PB145885BS

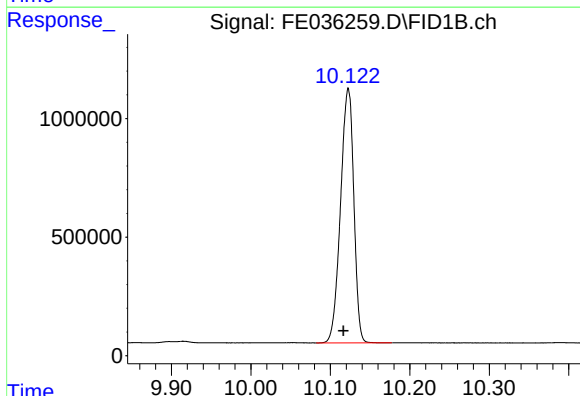
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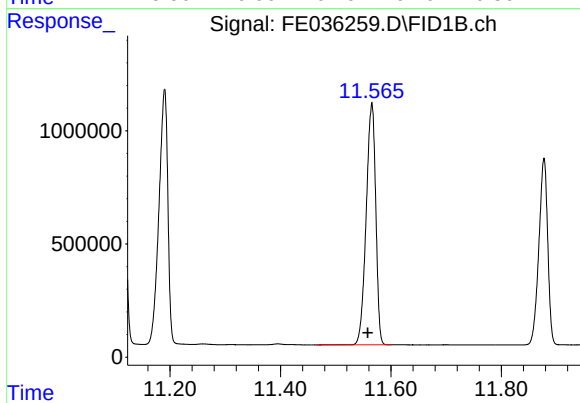
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.007 min
Response: 12209397
Conc: 65.31 ug/ml



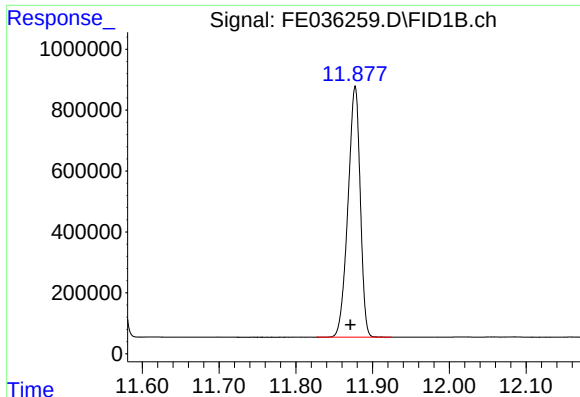
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.006 min
Response: 12454006
Conc: 66.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: 0.007 min
Response: 12805600
Conc: 68.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: 0.006 min
Response: 9140933
Conc: 45.75 ug/ml

Instrument :

FID_E

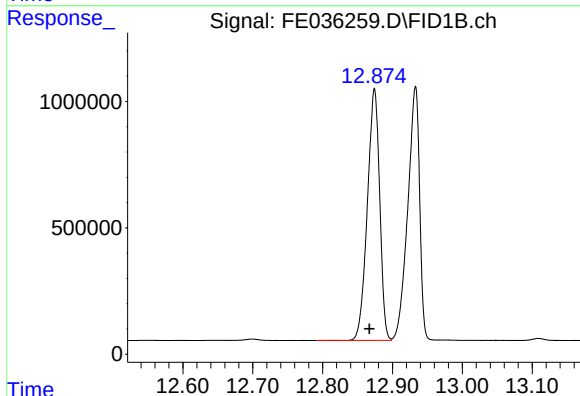
ClientSampleId :

PB145885BS

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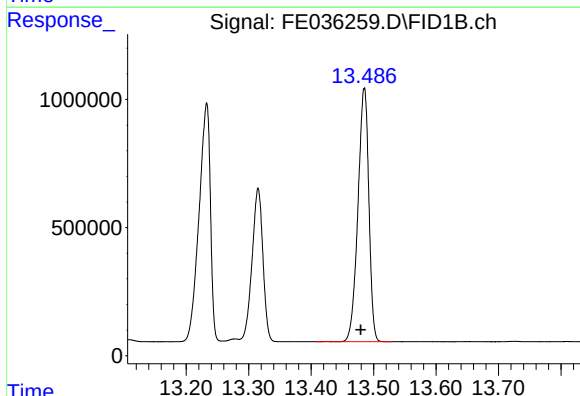
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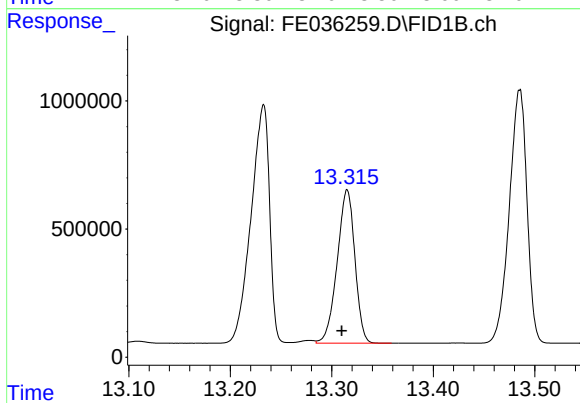
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.007 min
Response: 12204960
Conc: 67.37 ug/ml



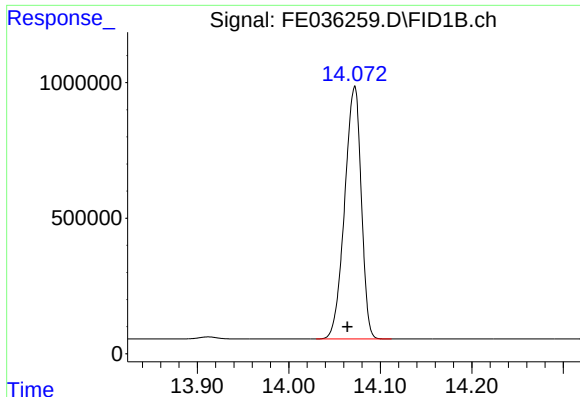
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.006 min
Response: 11999183
Conc: 66.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: 0.005 min
Response: 7253120
Conc: 46.85 ug/ml



#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: 0.008 min
Response: 11762091
Conc: 66.53 ug/ml

Instrument :

FID_E

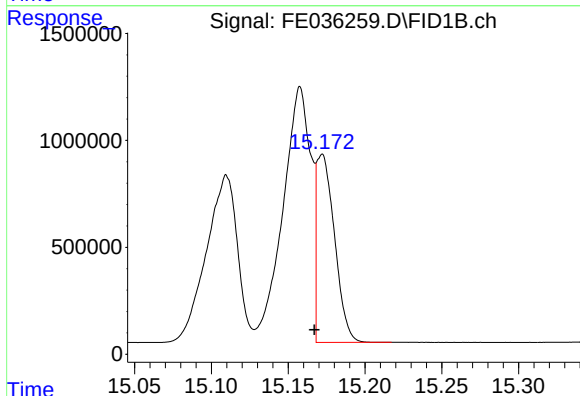
ClientSampleId :

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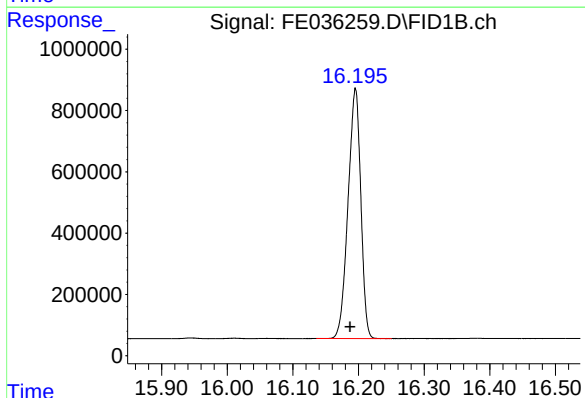
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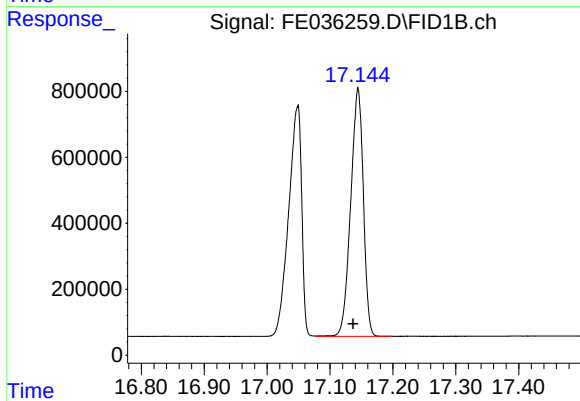
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: 0.005 min
Response: 7231002
Conc: 42.22 ug/ml



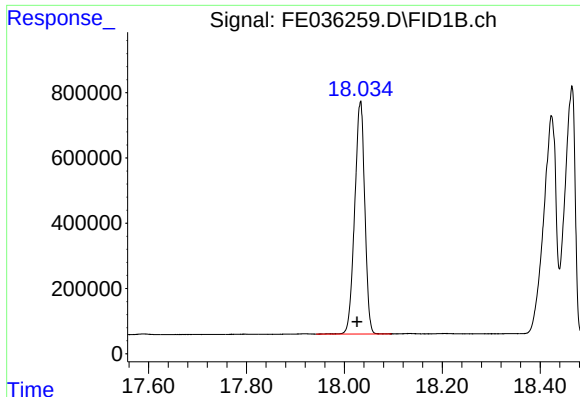
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.008 min
Response: 11000123
Conc: 66.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.008 min
Response: 10513189
Conc: 65.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.007 min
Response: 10168752
Conc: 65.68 ug/ml

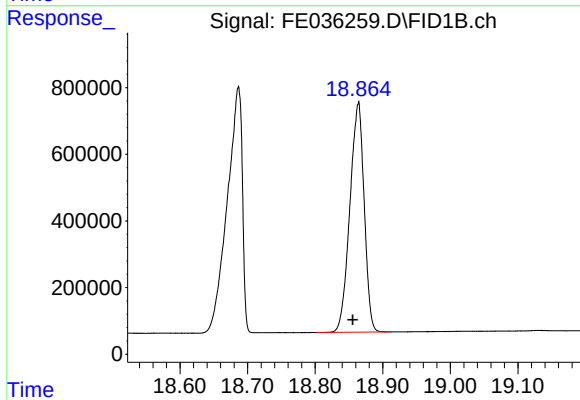
Instrument :

FID_E

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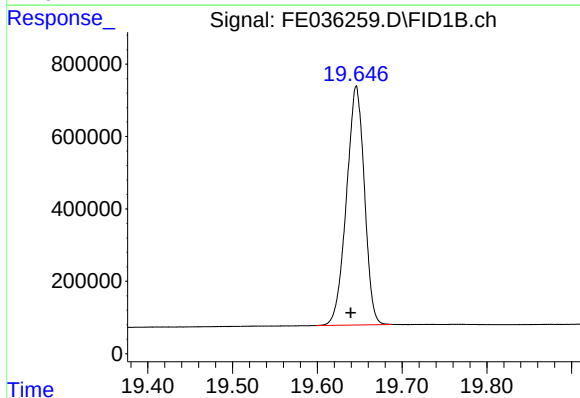
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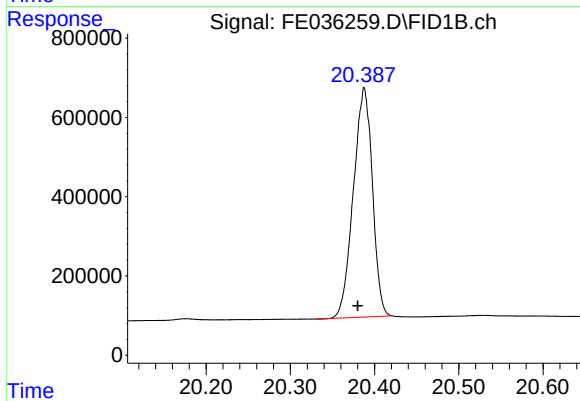
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.009 min
Response: 10133235
Conc: 69.34 ug/ml



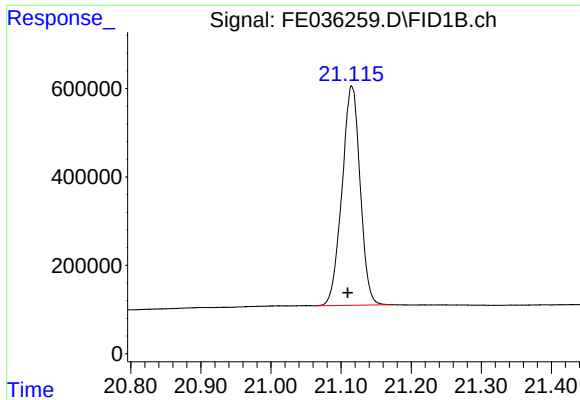
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.006 min
Response: 9709244
Conc: 70.16 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: 0.008 min
Response: 9063963
Conc: 67.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.005 min
Response: 8918501
Conc: 67.06 ug/ml

Instrument :

FID_E

ClientSampleId :

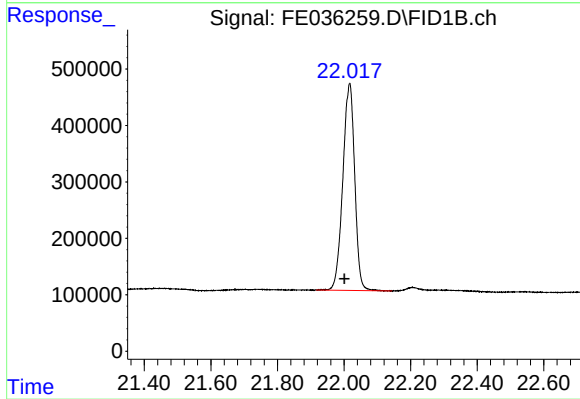
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#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.016 min
Response: 9104954
Conc: 65.12 ug/ml