

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080322AL\
 Data File : FE036852.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2022 21:00
 Operator : YP\AJ
 Sample : N4016-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-EDMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2022

Supervised By :Ankita Jodhani 08/04/2022

Integration File: autoint1.e

Quant Time: Aug 03 21:43:06 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M

Quant Title : GC Extractables

QLast Update : Mon Jul 18 02:35:21 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)	11.835	5181568	27.821 ug/ml
Spiked Amount 50.000		Recovery =	55.64%
12) S 1-chlorooctadecane (S...	13.274	4066347	26.727 ug/ml
Spiked Amount 50.000		Recovery =	53.45%
Target Compounds			
1) T n-Nonane (C9)	3.229	4001016	25.954 ug/ml
2) T n-Decane (C10)	4.482	4598784	29.834 ug/ml
3) T A~Naphthalene (C11.7)	6.181	5532917	32.378 ug/ml
4) T n-Dodecane (C12)	6.648	5168681	32.910 ug/ml
5) T A~2-methylnaphthalene...	7.277	5620311	32.701 ug/ml
6) T n-Tetradecane (C14)	8.476	5654523	34.636 ug/ml
7) T n-Hexadecane (C16)	10.082	6071824	36.838 ug/ml
8) T n-Octadecane (C18)	11.524	6335404	37.278 ug/ml
10) T n-Eicosane (C20)	12.833	6124838	36.007 ug/ml
11) T n-Heneicosane (C21)	13.444	6019032	35.168 ug/ml
13) T n-Docosane (C22)	14.030	5943533	34.811 ug/ml
14) T n-Tetracosane (C24)	15.133	5614770	32.938 ug/ml
15) T n-Hexacosane (C26)	16.154	5599931	33.495 ug/ml
16) T n-Octacosane (C28)	17.103	5502423	33.690 ug/ml
17) T n-Tricontane (C30)	17.993	5310130	34.944 ug/ml
18) T n-Dotriacontane (C32)	18.823	5222314	43.422 ug/ml
19) T n-Tetratriacontane (C34)	19.609	5138579	61.705 ug/mlm
20) T n-Hexatriacontane (C36)	20.350	4945088	84.219 ug/mlm
21) T n-Octatriacontane (C38)	21.073	5006054	99.846 ug/mlm
22) T n-Tetracontane (C40)	21.952	5161669	99.951 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

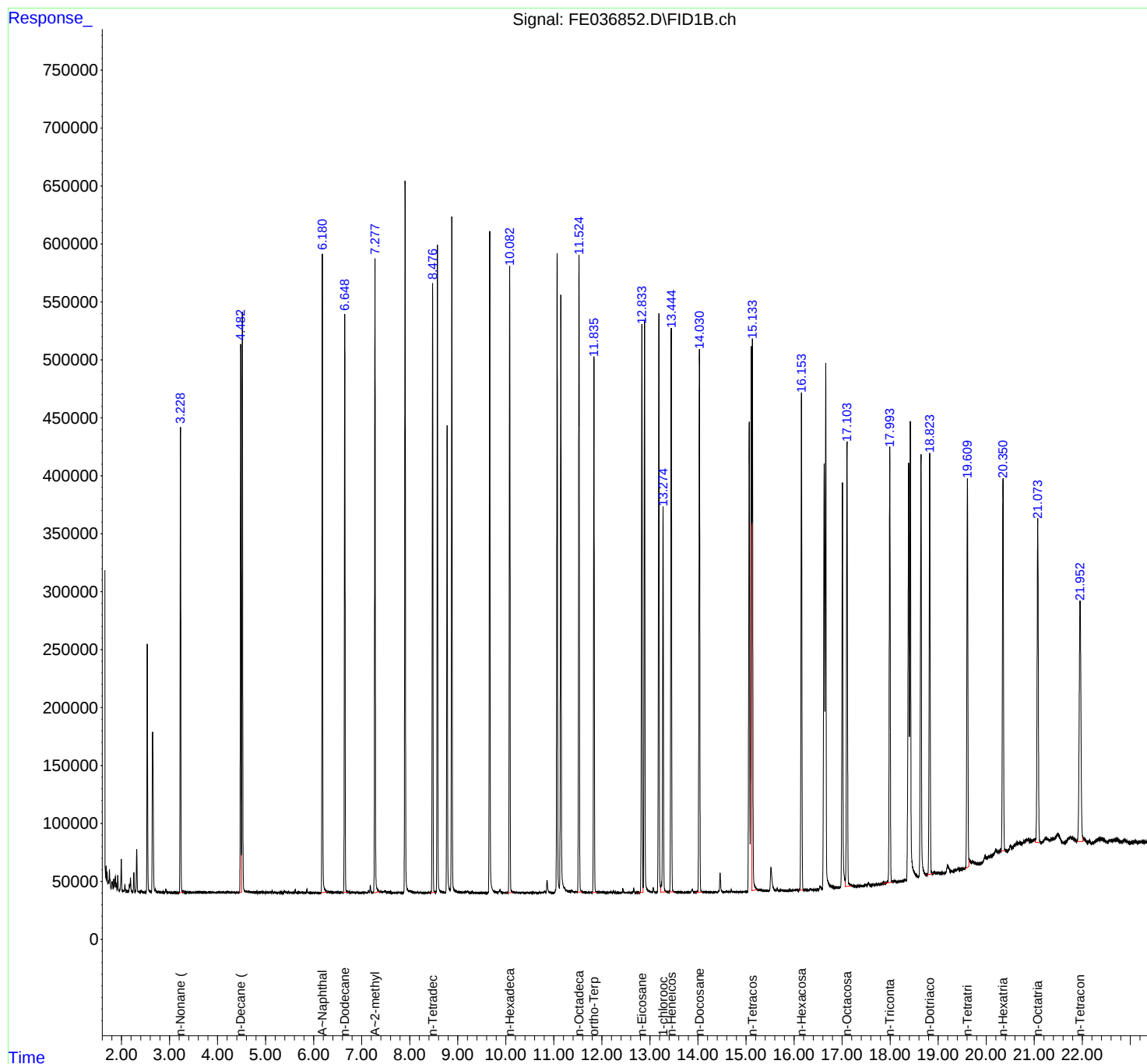
Instrument :
FID_E
ClientSampleId :
MH-EDMSD

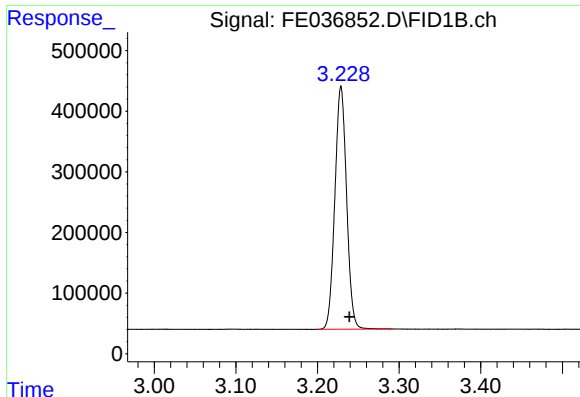
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.010 min
Response: 4001016
Conc: 25.95 ug/ml

Instrument :

FID_E

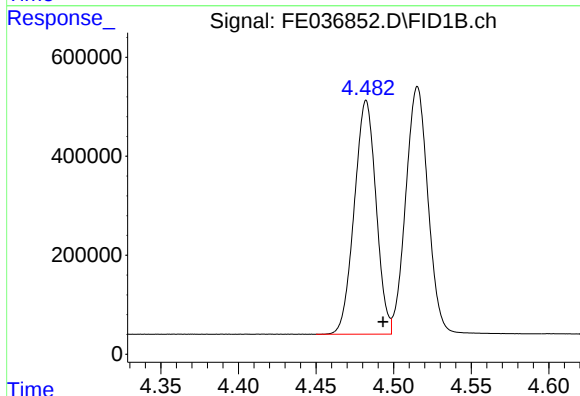
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MH-EDMSD

Manual Integrations

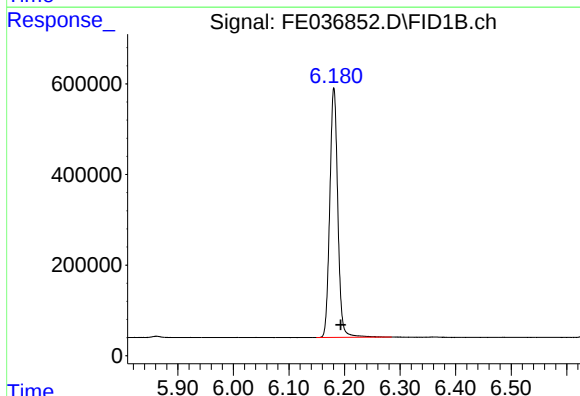
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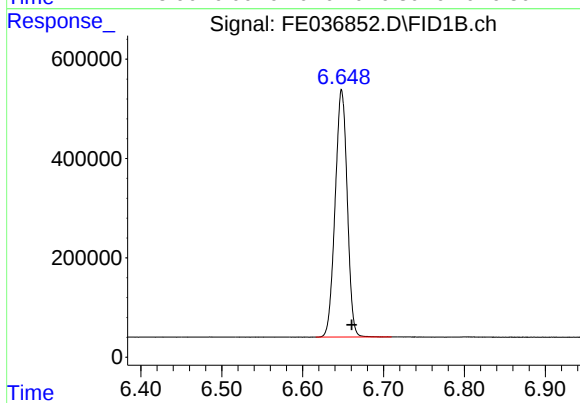
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.011 min
Response: 4598784
Conc: 29.83 ug/ml



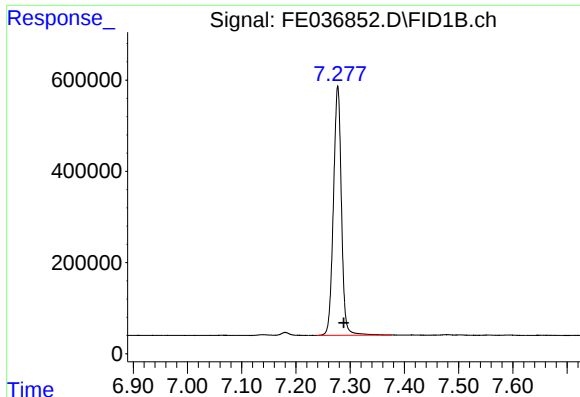
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.012 min
Response: 5532917
Conc: 32.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.012 min
Response: 5168681
Conc: 32.91 ug/ml



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

R.T.: 7.277 min
Delta R.T.: -0.011 min
Response: 5620311
Conc: 32.70 ug/ml

Instrument :

FID_E

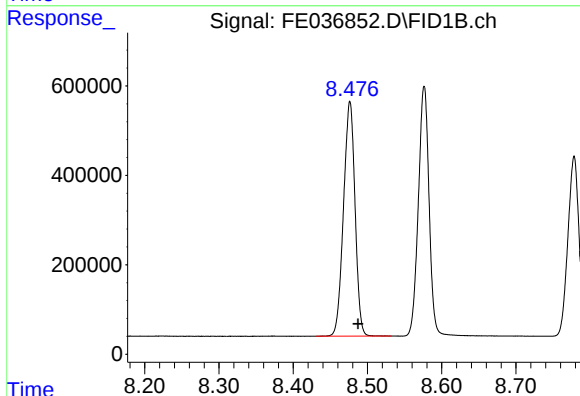
ClientSampleId :

MH-EDMSD

Manual Integrations

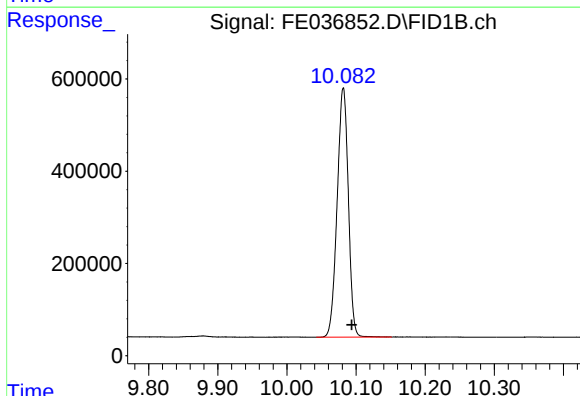
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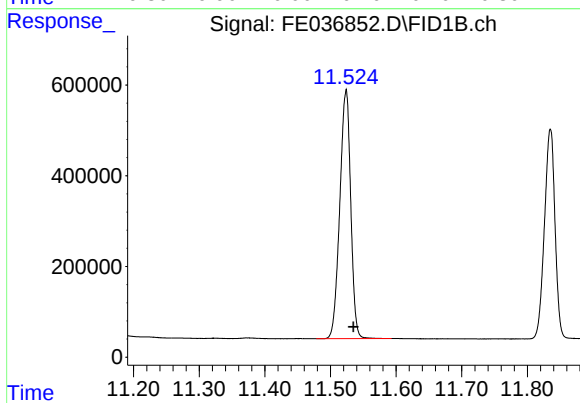
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.011 min
Response: 5654523
Conc: 34.64 ug/ml



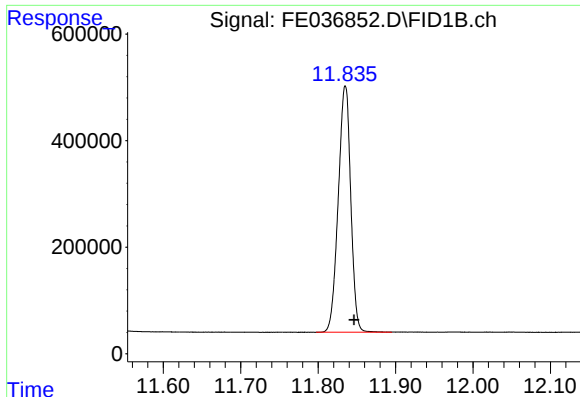
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.012 min
Response: 6071824
Conc: 36.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.011 min
Response: 6335404
Conc: 37.28 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.011 min
Response: 5181568
Conc: 27.82 ug/ml

Instrument :

FID_E

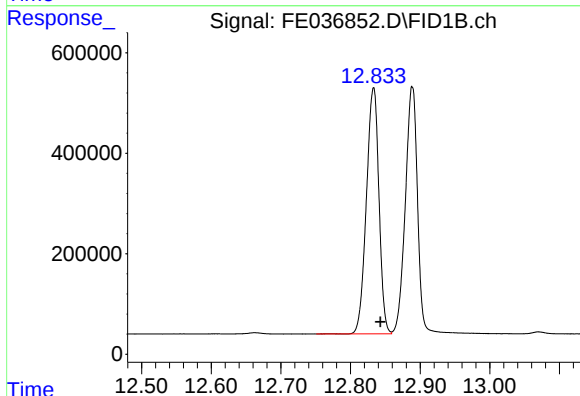
ClientSampleId :

MH-EDMSD

Manual Integrations

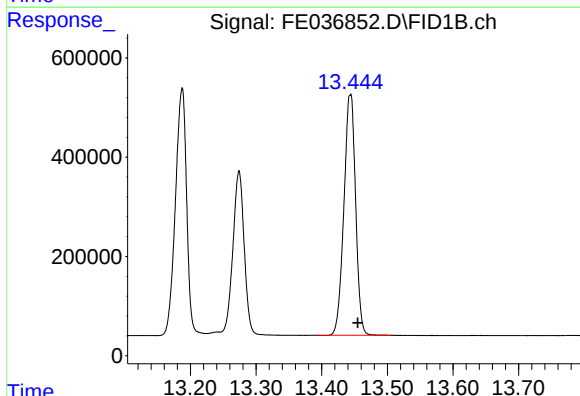
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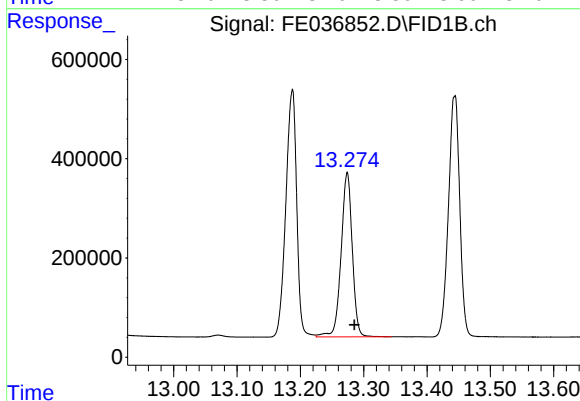
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.010 min
Response: 6124838
Conc: 36.01 ug/ml



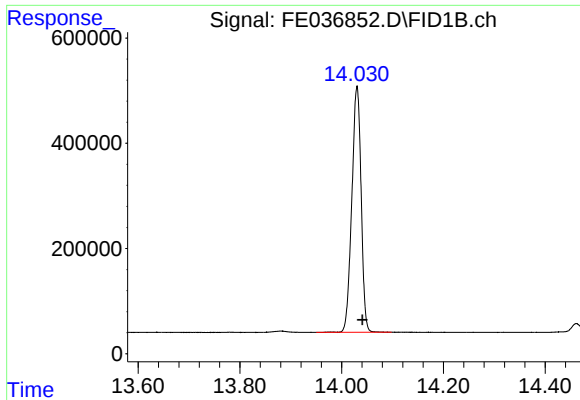
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.011 min
Response: 6019032
Conc: 35.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.011 min
Response: 4066347
Conc: 26.73 ug/ml



#13 n-Docosane (C22)

R.T.: 14.030 min
Delta R.T.: -0.011 min
Response: 5943533
Conc: 34.81 ug/ml

Instrument :

FID_E

ClientSampleId :

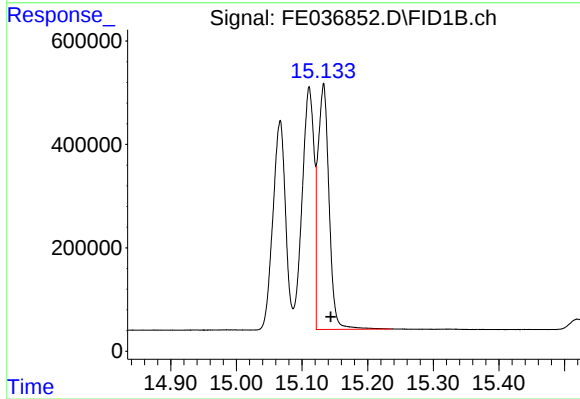
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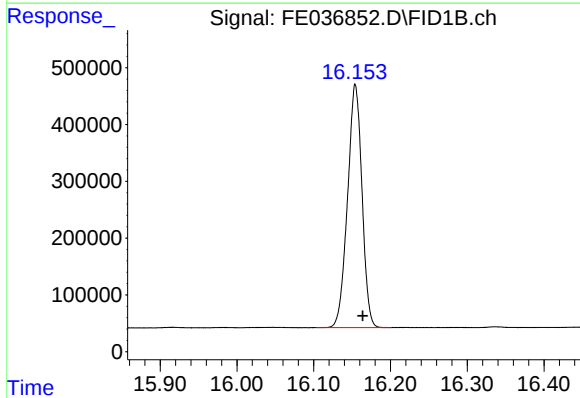
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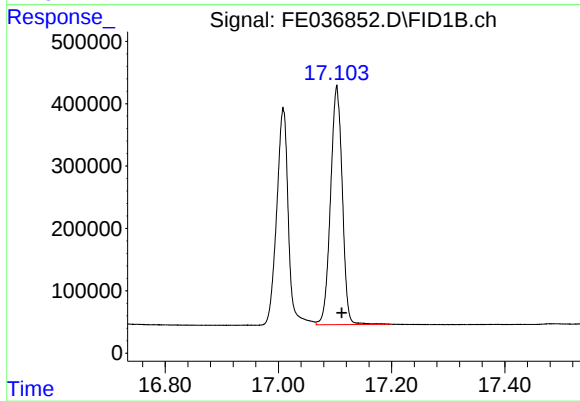
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.011 min
Response: 5614770
Conc: 32.94 ug/ml



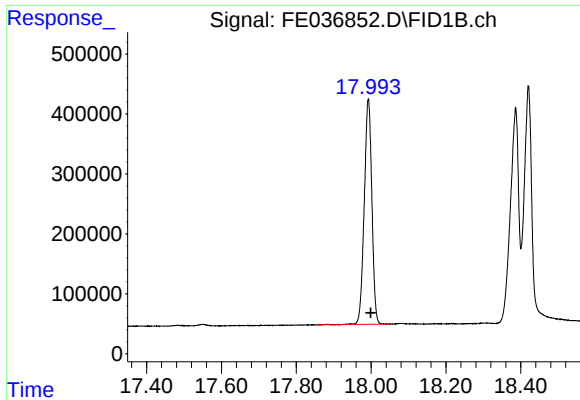
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 5599931
Conc: 33.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.009 min
Response: 5502423
Conc: 33.69 ug/ml



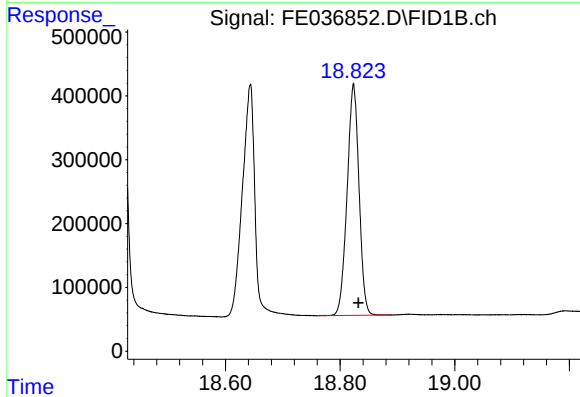
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.006 min
Response: 5310130
Conc: 34.94 ug/ml

Instrument :
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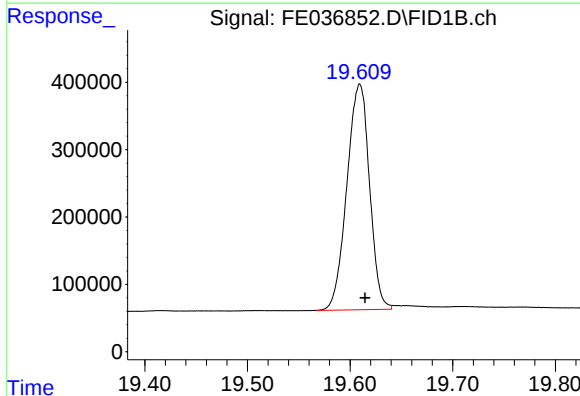
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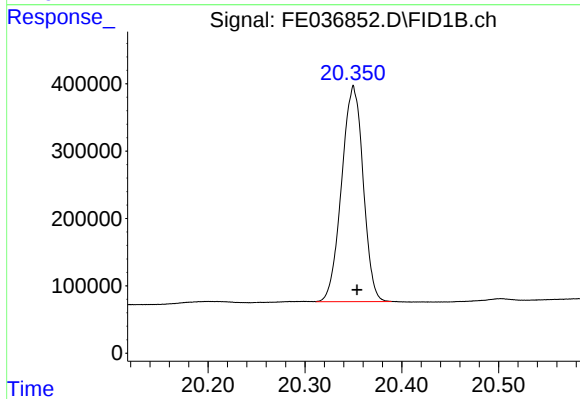
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.008 min
Response: 5222314
Conc: 43.42 ug/ml



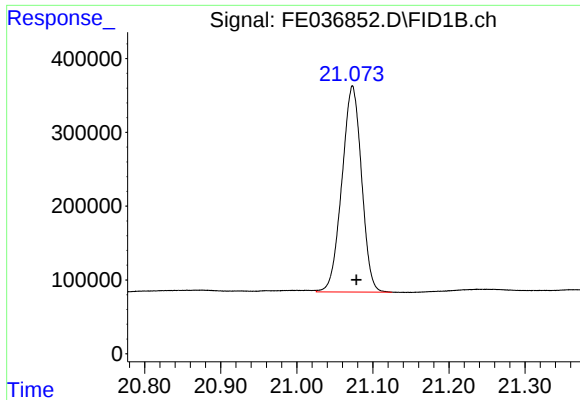
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.006 min
Response: 5138579
Conc: 61.70 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.004 min
Response: 4945088
Conc: 84.22 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.006 min
Response: 5006054
Conc: 99.85 ug/ml

Instrument :

FID_E

ClientSampleId :

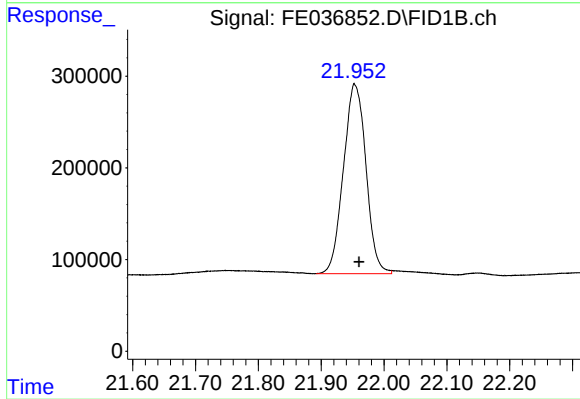
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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.008 min
Response: 5161669
Conc: 99.95 ug/ml m