

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080322AL\
 Data File : FE036851.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2022 20:29
 Operator : YP\AJ
 Sample : N4016-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-EDMS

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 21:19:18 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)	11.836	5378887	28.880 ug/ml
Spiked Amount 50.000		Recovery =	57.76%
12) S 1-chlorooctadecane (S...	13.275	4220899	27.743 ug/ml
Spiked Amount 50.000		Recovery =	55.49%
Target Compounds			
1) T n-Nonane (C9)	3.229	4174444	27.079 ug/ml
2) T n-Decane (C10)	4.483	4785374	31.044 ug/ml
3) T A~Naphthalene (C11.7)	6.182	5768962	33.759 ug/ml
4) T n-Dodecane (C12)	6.649	5367796	34.177 ug/ml
5) T A~2-methylnaphthalene...	7.278	5858799	34.089 ug/ml
6) T n-Tetradecane (C14)	8.477	5850659	35.837 ug/ml
7) T n-Hexadecane (C16)	10.082	6270530	38.043 ug/ml
8) T n-Octadecane (C18)	11.524	6553468	38.561 ug/ml
10) T n-Eicosane (C20)	12.833	6348100	37.319 ug/ml
11) T n-Heneicosane (C21)	13.444	6256756	36.557 ug/ml
13) T n-Docosane (C22)	14.031	6164384	36.105 ug/ml
14) T n-Tetracosane (C24)	15.133	5547567	32.544 ug/ml
15) T n-Hexacosane (C26)	16.155	5826666	34.851 ug/ml
16) T n-Octacosane (C28)	17.105	5711816	34.972 ug/ml
17) T n-Tricontane (C30)	17.996	5509696	36.258 ug/ml
18) T n-Dotriacontane (C32)	18.827	5390895	44.823 ug/ml
19) T n-Tetratriacontane (C34)	19.609	5330338	64.008 ug/mlm
20) T n-Hexatriacontane (C36)	20.350	5179348	88.209 ug/mlm
21) T n-Octatriacontane (C38)	21.074	5176261	103.241 ug/ml
22) T n-Tetracontane (C40)	21.959	5364281	103.874 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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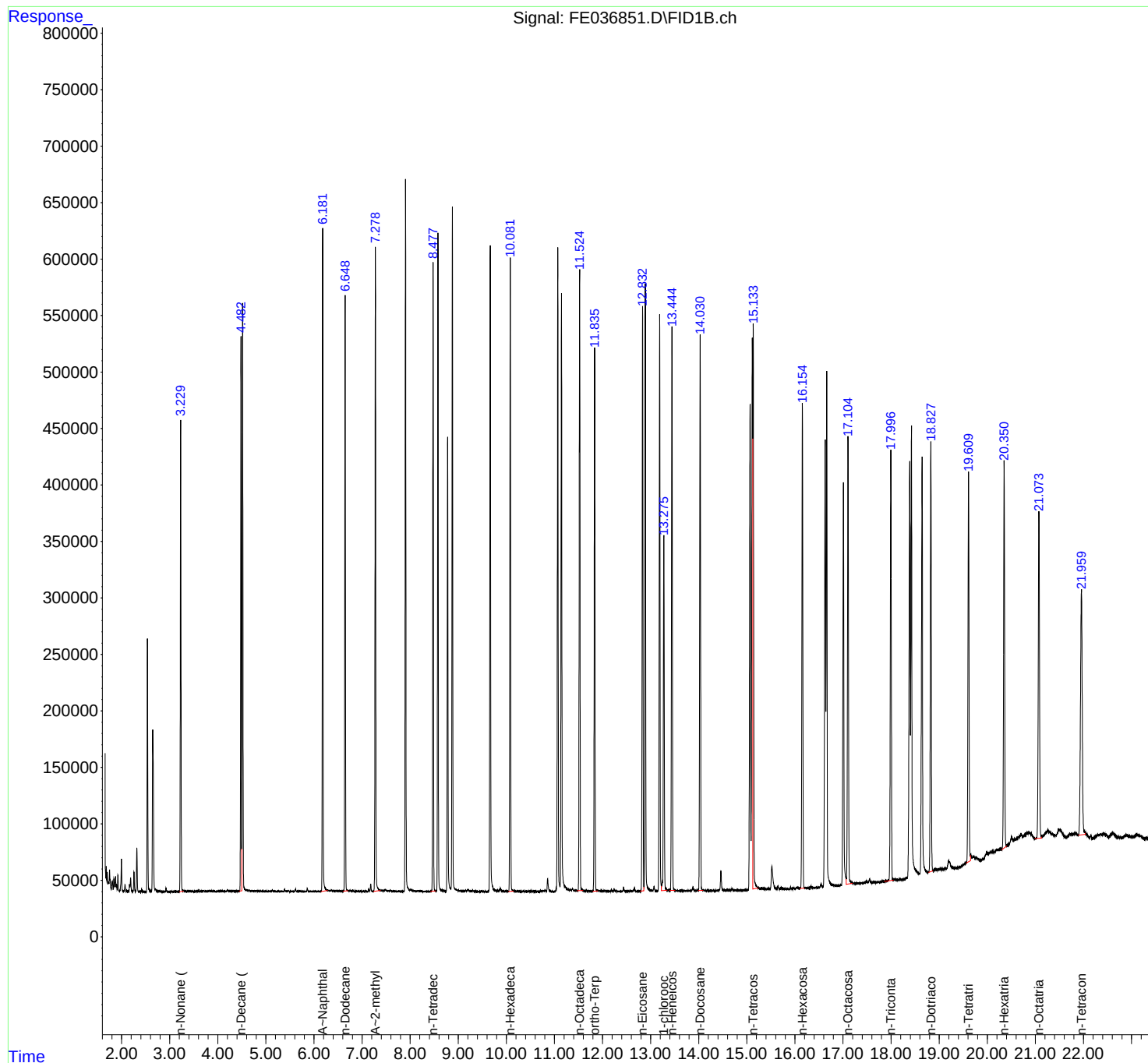
Response via : Initial Calibration

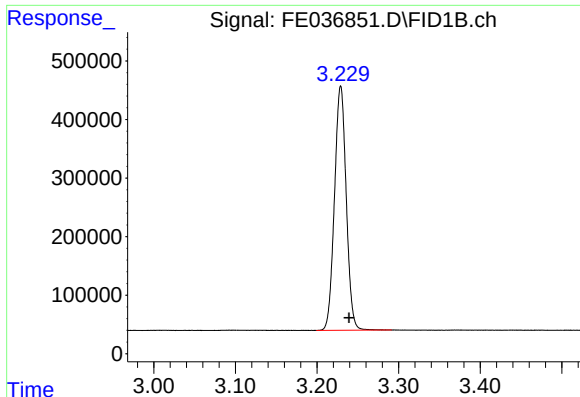
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.010 min
Response: 4174444
Conc: 27.08 ug/ml

Instrument :

FID_E

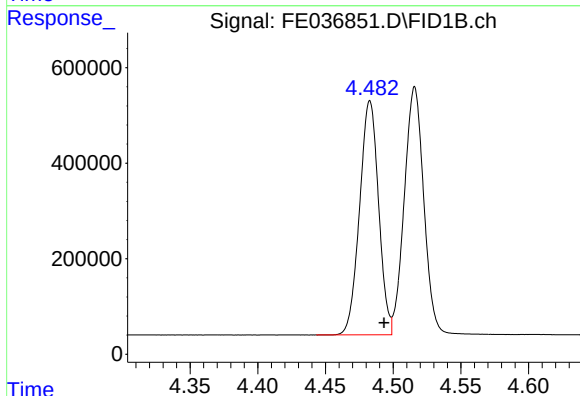
ClientSampleId :

MH-EDMS

Manual Integrations

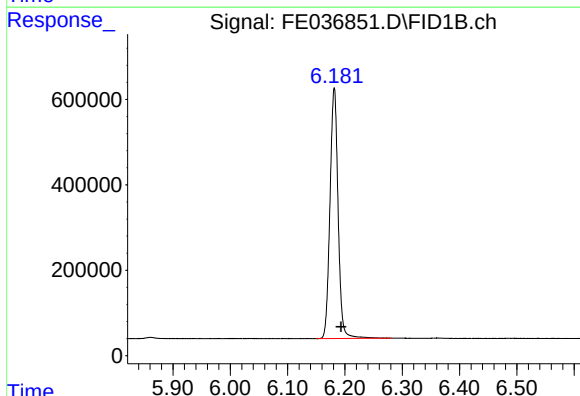
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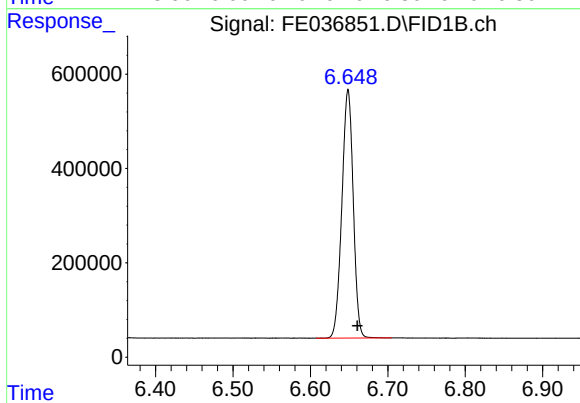
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.010 min
Response: 4785374
Conc: 31.04 ug/ml



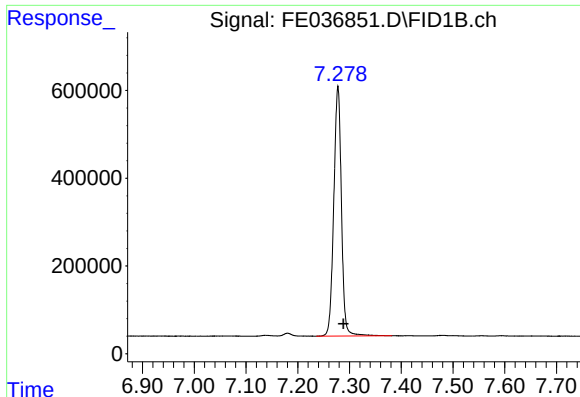
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.012 min
Response: 5768962
Conc: 33.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.012 min
Response: 5367796
Conc: 34.18 ug/ml



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

R.T.: 7.278 min
Delta R.T.: -0.011 min
Response: 5858799
Conc: 34.09 ug/ml

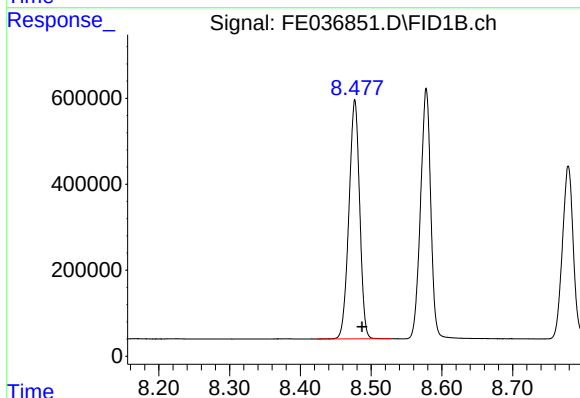
Instrument :

FID_E

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MH-EDMS

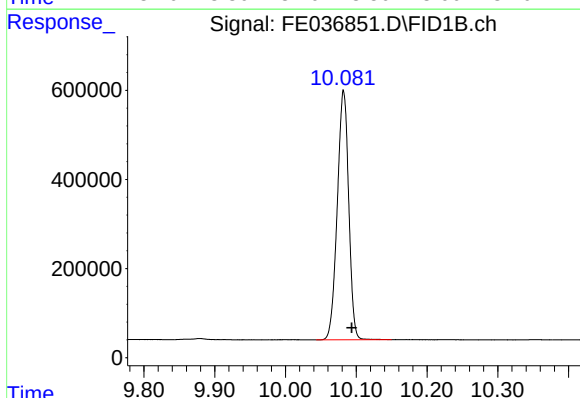
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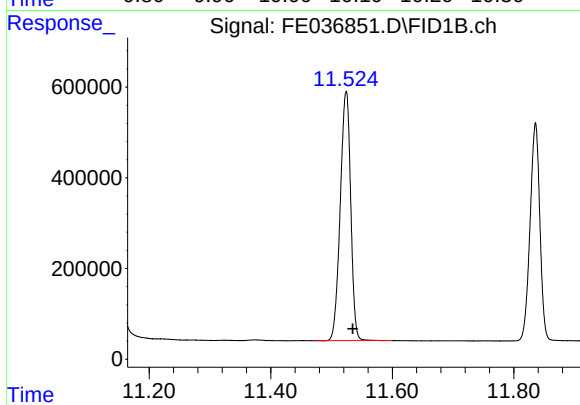
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.010 min
Response: 5850659
Conc: 35.84 ug/ml



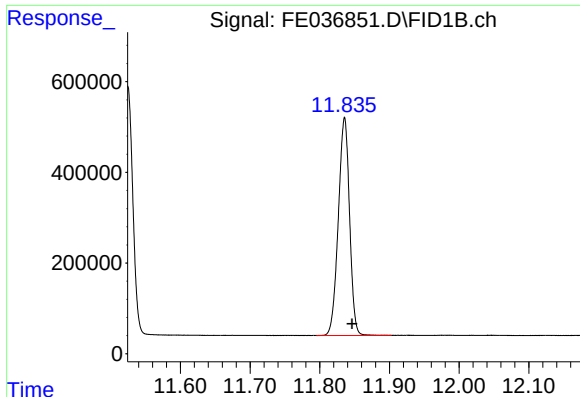
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.012 min
Response: 6270530
Conc: 38.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.010 min
Response: 6553468
Conc: 38.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.011 min
Response: 5378887
Conc: 28.88 ug/ml

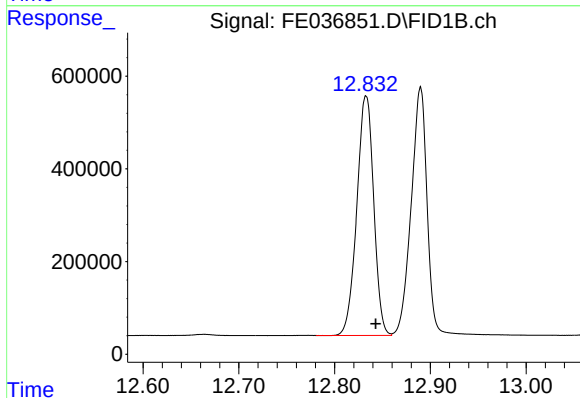
Instrument :

FID_E

ClientSampleId :
MH-EDMS

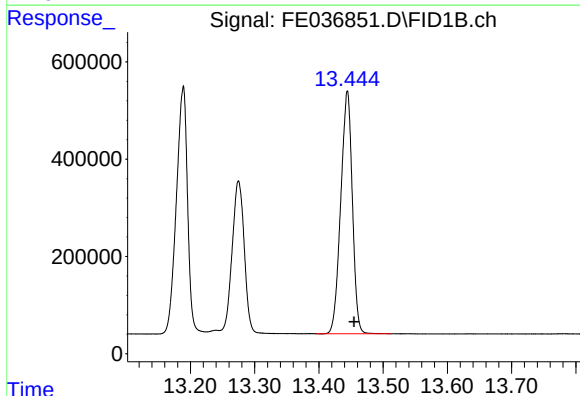
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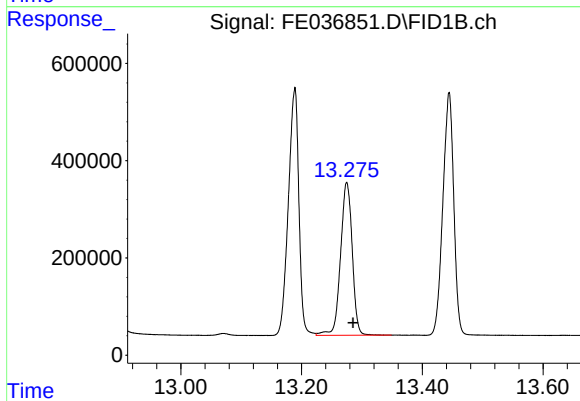
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.010 min
Response: 6348100
Conc: 37.32 ug/ml



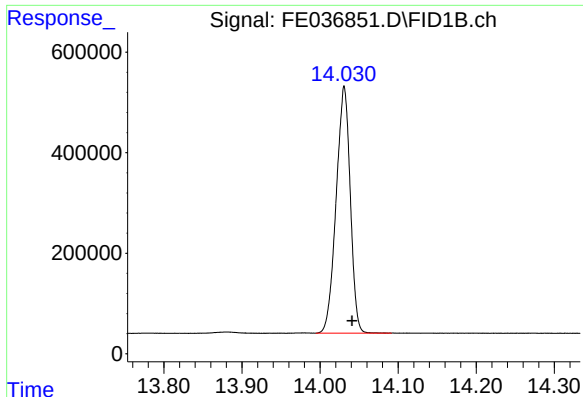
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.010 min
Response: 6256756
Conc: 36.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.011 min
Response: 4220899
Conc: 27.74 ug/ml



#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.010 min
Response: 6164384
Conc: 36.10 ug/ml

Instrument :

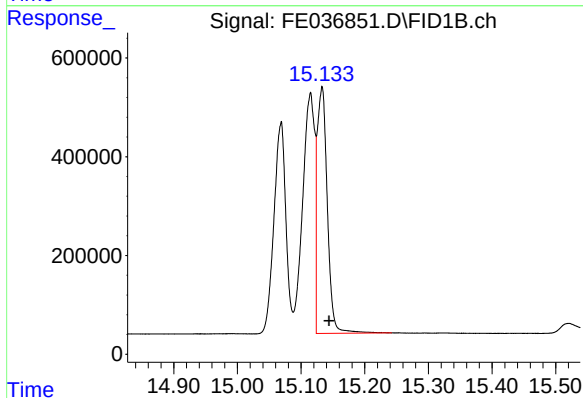
FID_E

ClientSampleId :

MH-EDMS

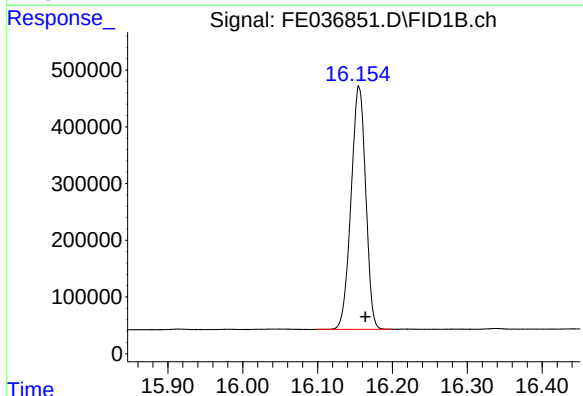
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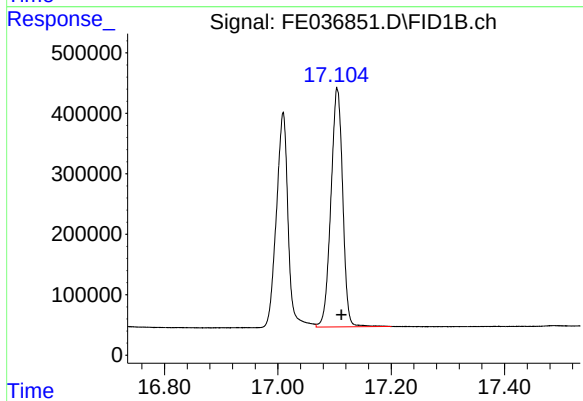
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.011 min
Response: 5547567
Conc: 32.54 ug/ml



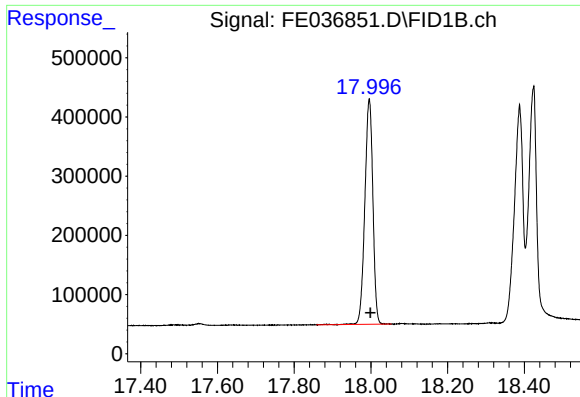
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 5826666
Conc: 34.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.007 min
Response: 5711816
Conc: 34.97 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.003 min
Response: 5509696
Conc: 36.26 ug/ml

Instrument :

FID_E

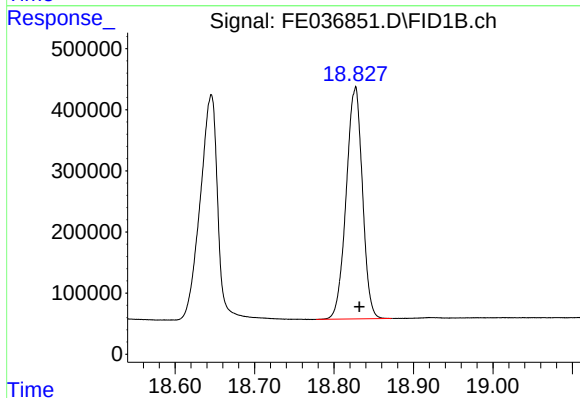
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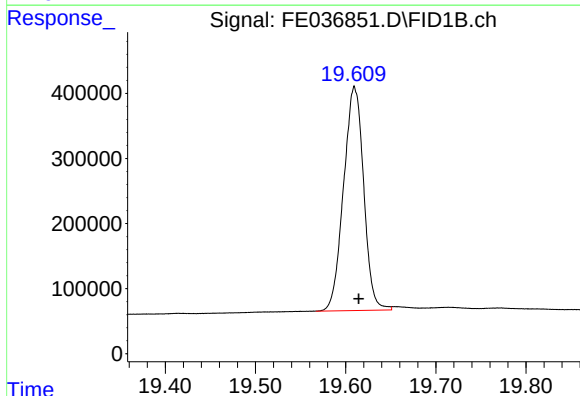
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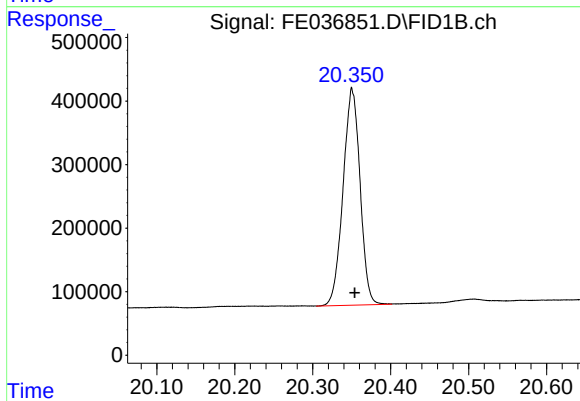
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.005 min
Response: 5390895
Conc: 44.82 ug/ml



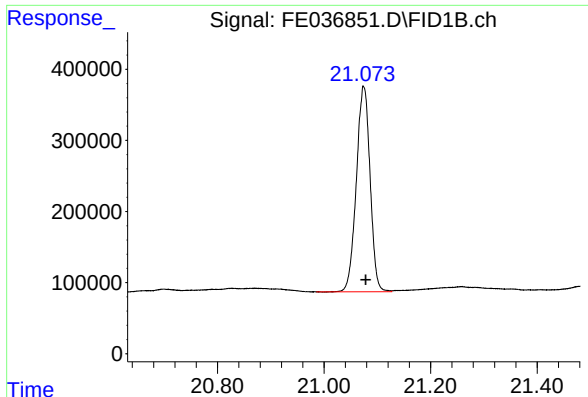
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.005 min
Response: 5330338
Conc: 64.01 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.004 min
Response: 5179348
Conc: 88.21 ug/ml m



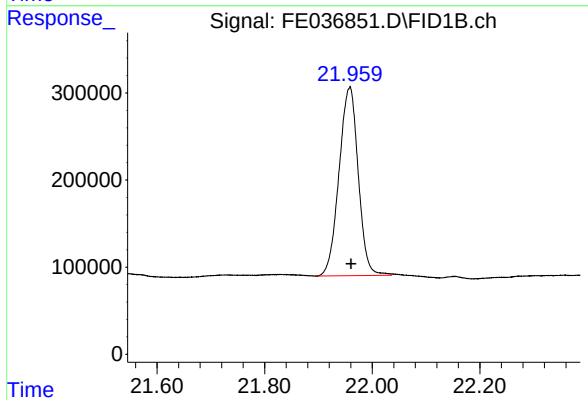
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.004 min
Response: 5176261
Conc: 103.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.002 min
Response: 5364281
Conc: 103.87 ug/ml m