

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110525AL\
 Data File : FE056671.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2025 14:36
 Operator : YP\AJ
 Sample : PB170401BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB170401BSD

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Yogesh Patel 11/06/2025

Integration File: autoint1.e

Quant Time: Nov 06 02:07:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M

Quant Title : GC Extractables

QLast Update : Thu Oct 30 12:50:27 2025

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)	11.974	7192854	34.430 ug/ml
Spiked Amount 50.000		Recovery =	68.86%
12) S 1-chlorooctadecane (S...	13.412	5881956	36.507 ug/ml
Spiked Amount 50.000		Recovery =	73.01%
Target Compounds			
1) T n-Nonane (C9)	3.341	5807027	34.573 ug/ml
2) T n-Decane (C10)	4.586	6193767	36.095 ug/mlm
3) T A~Naphthalene (C11.7)	6.297	6883240	37.290 ug/ml
4) T n-Dodecane (C12)	6.753	6391662	36.748 ug/ml
5) T A~2-methylnaphthalene...	7.395	6222992	35.114 ug/ml
6) T n-Tetradecane (C14)	8.588	6310978	36.155 ug/ml
7) T n-Hexadecane (C16)	10.201	6212182	33.954 ug/ml
8) T n-Octadecane (C18)	11.650	6111313	32.289 ug/ml
10) T n-Eicosane (C20)	12.965	6242463	33.496 ug/ml
11) T n-Heneicosane (C21)	13.579	5913697	32.160 ug/ml
13) T n-Docosane (C22)	14.167	5824841	31.115 ug/ml
14) T n-Tetracosane (C24)	15.275	12365309	63.132 ug/ml
15) T n-Hexacosane (C26)	16.300	5710380	29.384 ug/ml
16) T n-Octacosane (C28)	17.253	5776744	29.829 ug/mlm
17) T n-Tricontane (C30)	18.144	5776493	28.811 ug/ml
18) T n-Dotriacontane (C32)	18.978	5718319	29.079 ug/ml
19) T n-Tetratriacontane (C34)	19.763	5528202	32.027 ug/ml
20) T n-Hexatriacontane (C36)	20.505	4592362	31.747 ug/ml
21) T n-Octatriacontane (C38)	21.258	3283276	26.086 ug/ml
22) T n-Tetracontane (C40)	22.202	2214345	19.153 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170401BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

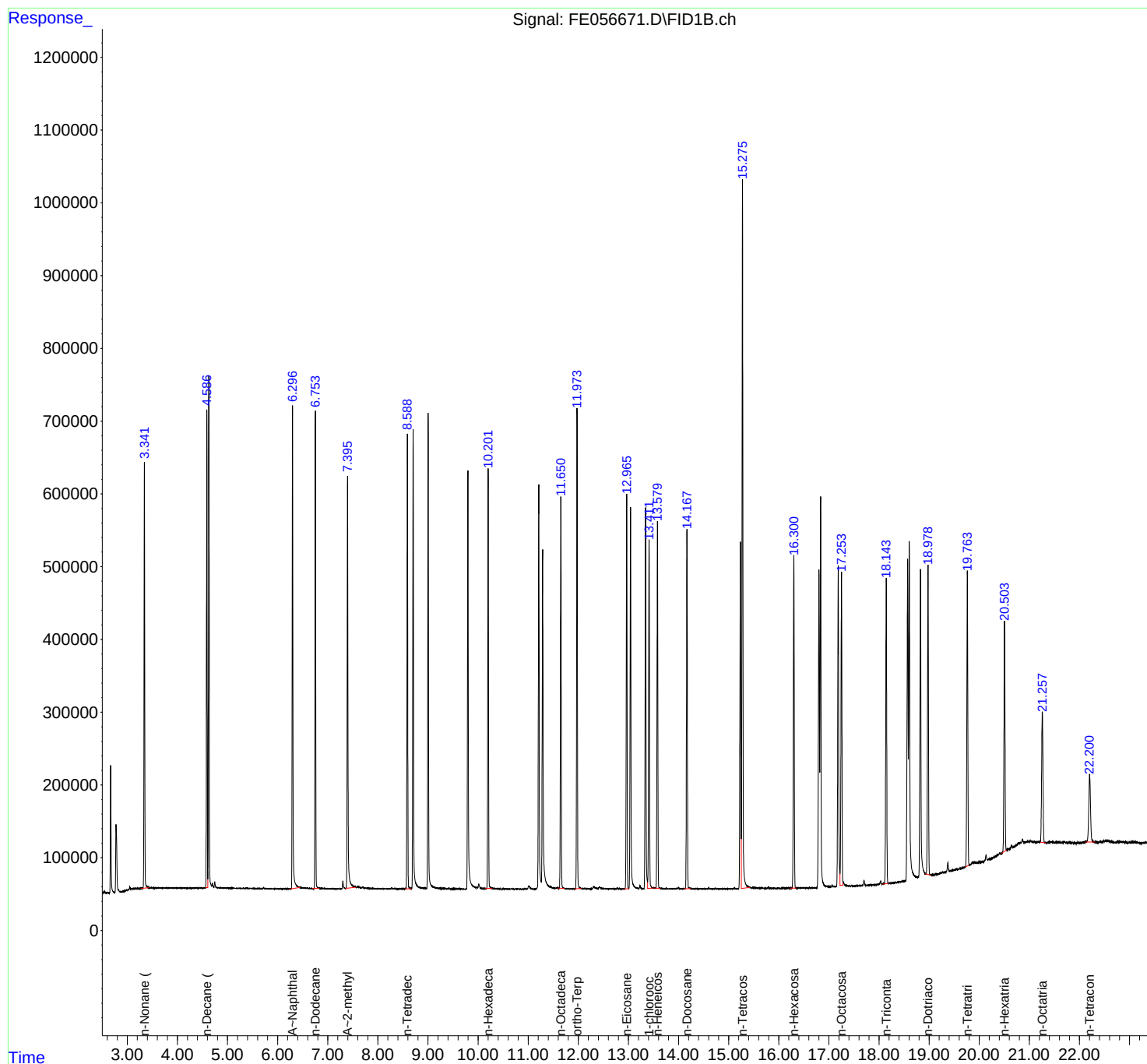
Instrument :
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PB170401BSD

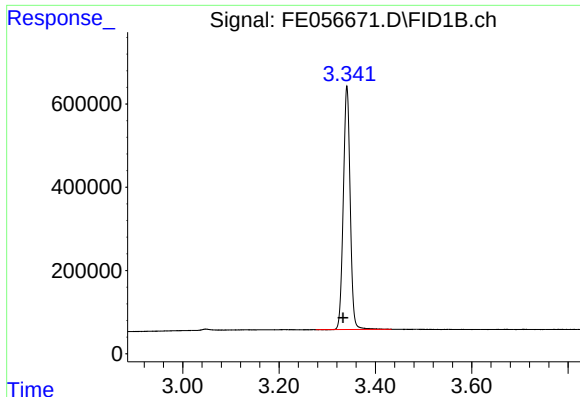
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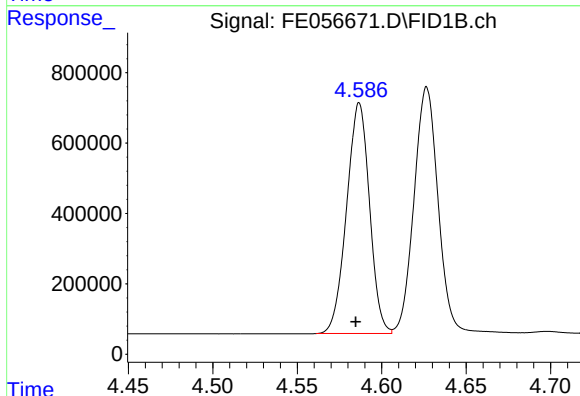
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: 0.008 min
Response: 5807027
Conc: 34.57 ug/ml

Instrument :
FID_E
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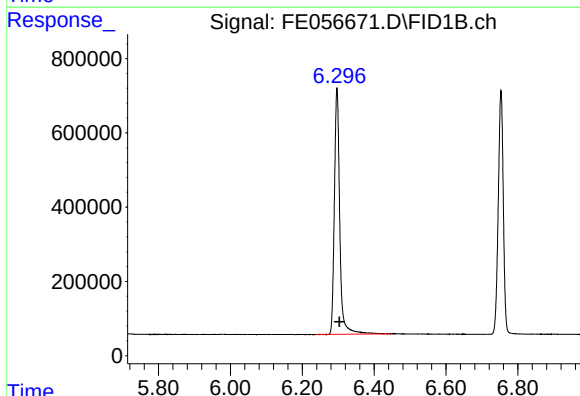
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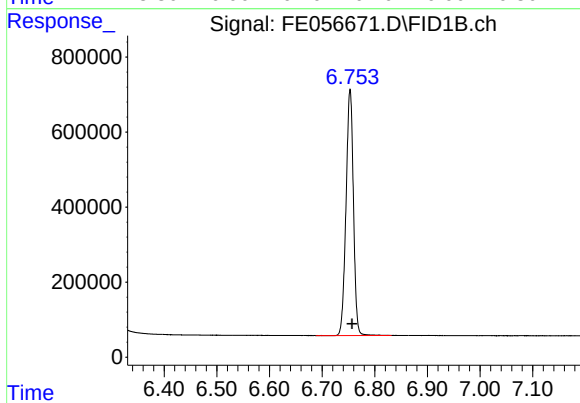
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: 0.002 min
Response: 6193767
Conc: 36.10 ug/ml m



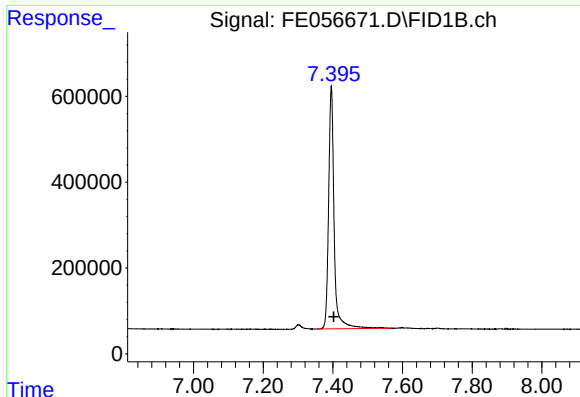
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.007 min
Response: 6883240
Conc: 37.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.004 min
Response: 6391662
Conc: 36.75 ug/ml



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

R.T.: 7.395 min
Delta R.T.: -0.007 min
Response: 6222992
Conc: 35.11 ug/ml

Instrument :

FID_E

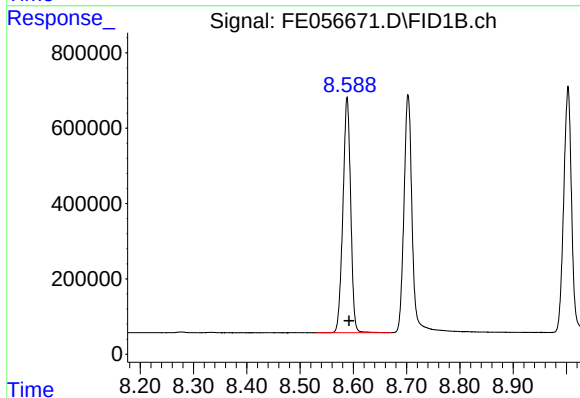
ClientSampleId :

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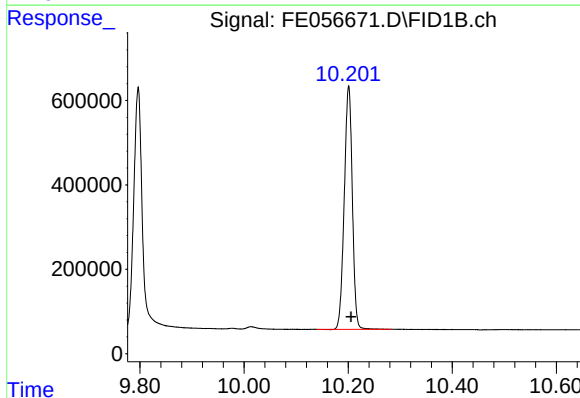
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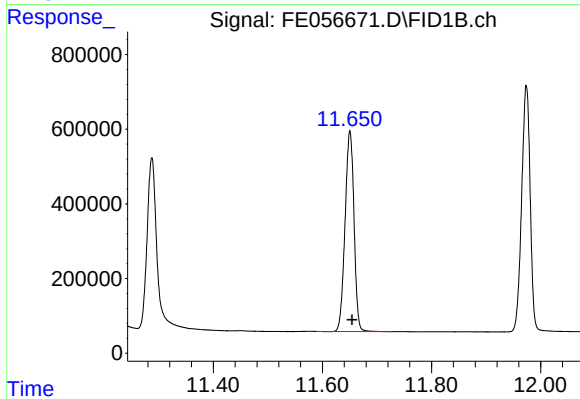
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 6310978
Conc: 36.16 ug/ml



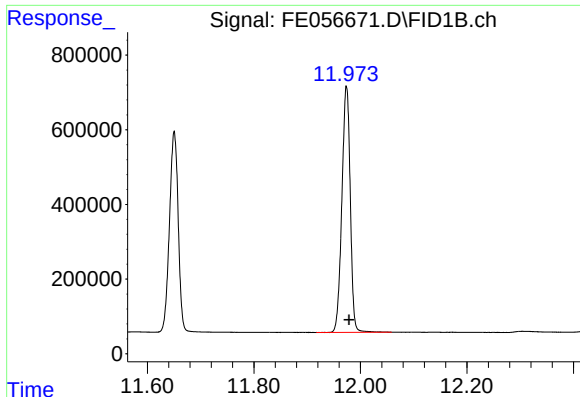
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.005 min
Response: 6212182
Conc: 33.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.004 min
Response: 6111313
Conc: 32.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: -0.005 min
Response: 7192854
Conc: 34.43 ug/ml

Instrument :

FID_E

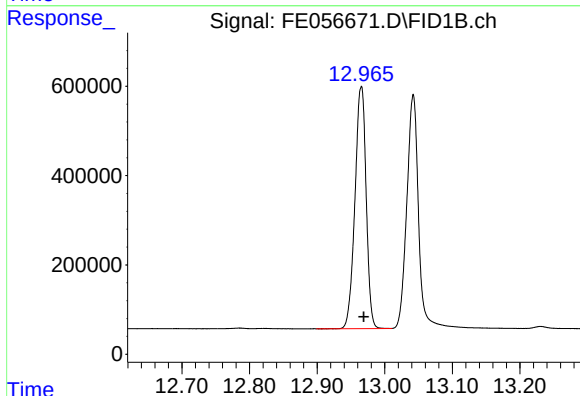
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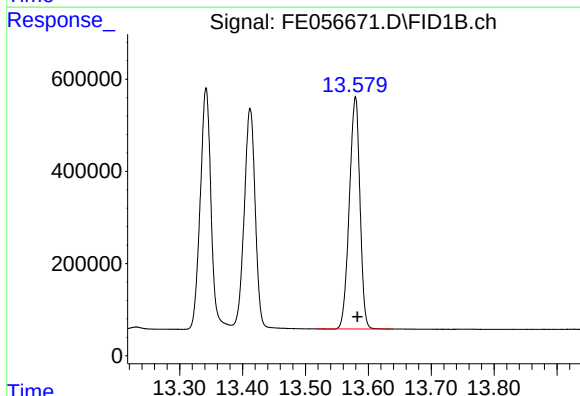
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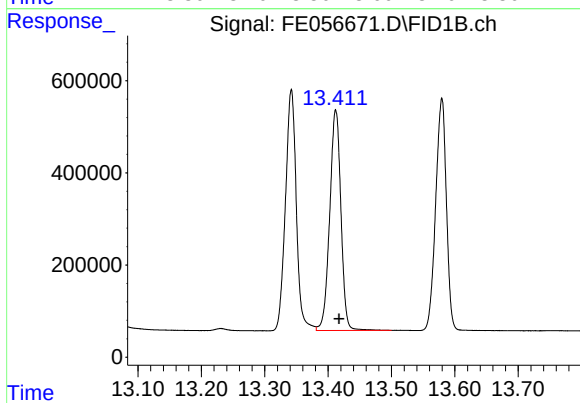
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.004 min
Response: 6242463
Conc: 33.50 ug/ml



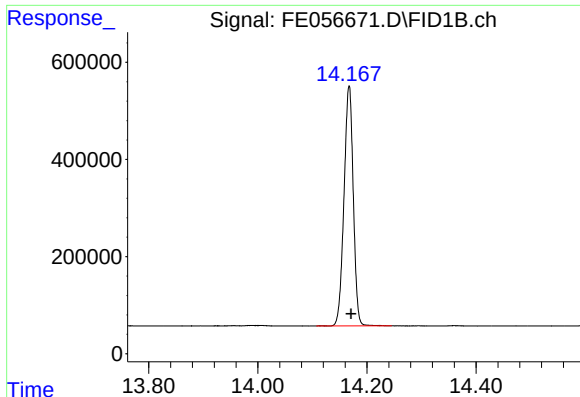
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.003 min
Response: 5913697
Conc: 32.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.005 min
Response: 5881956
Conc: 36.51 ug/ml



#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: -0.004 min
Response: 5824841
Conc: 31.12 ug/ml

Instrument :

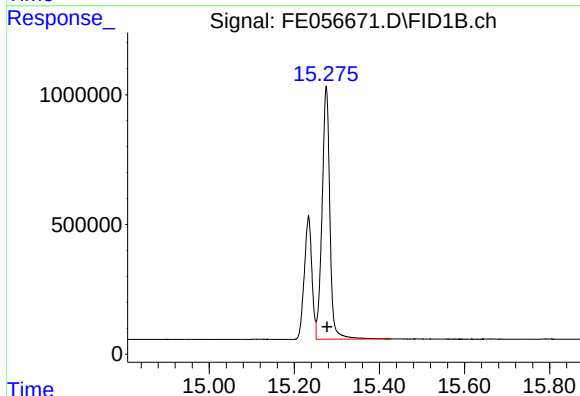
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ClientSampleId :

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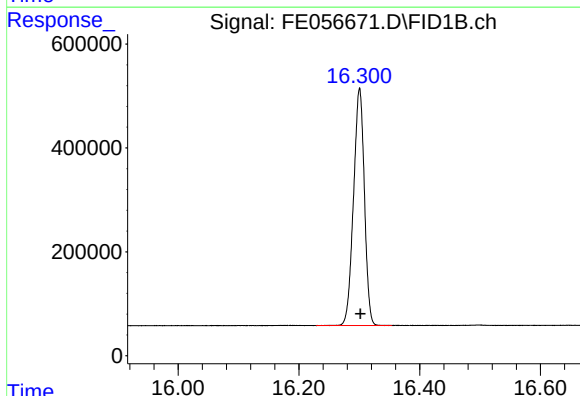
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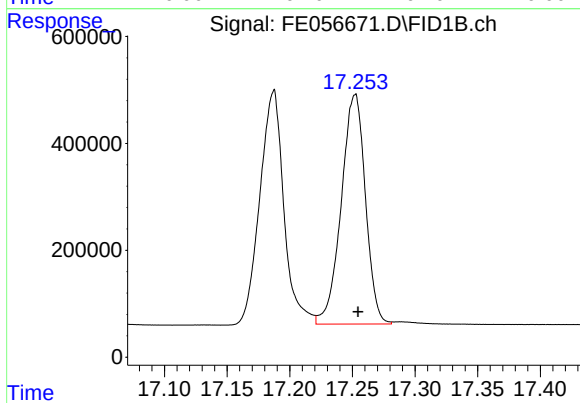
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: -0.002 min
Response: 12365309
Conc: 63.13 ug/ml



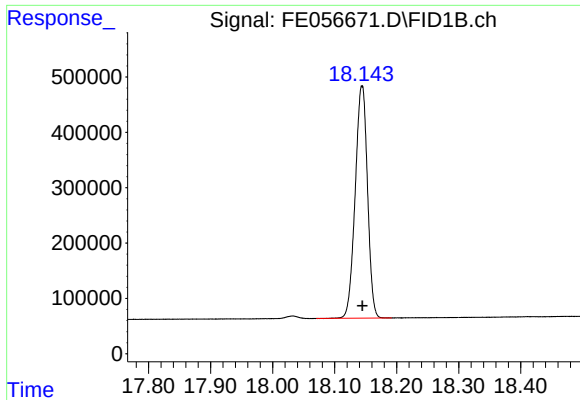
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: -0.002 min
Response: 5710380
Conc: 29.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: -0.002 min
Response: 5776744
Conc: 29.83 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.144 min
Delta R.T.: -0.001 min
Response: 5776493
Conc: 28.81 ug/ml

Instrument :

FID_E

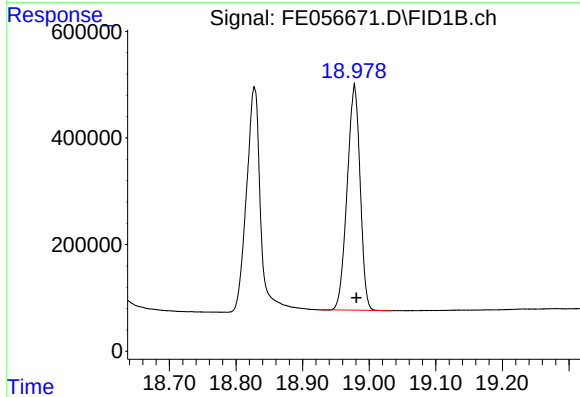
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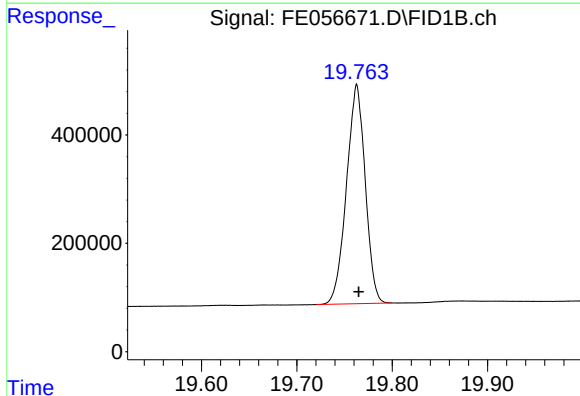
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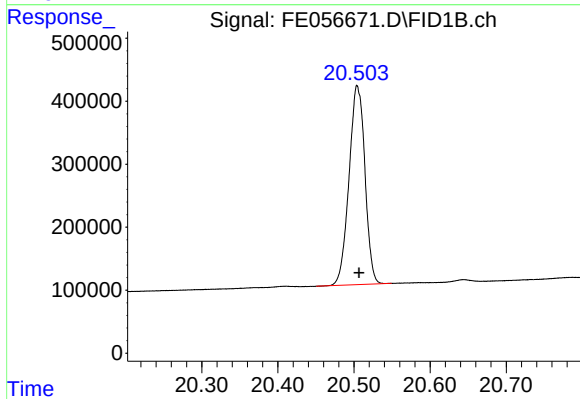
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: -0.003 min
Response: 5718319
Conc: 29.08 ug/ml



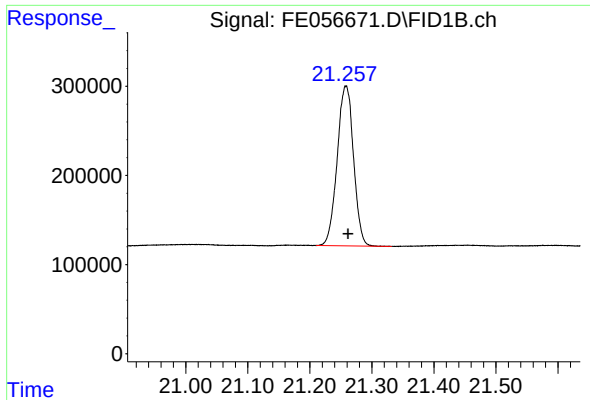
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: -0.002 min
Response: 5528202
Conc: 32.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: -0.002 min
Response: 4592362
Conc: 31.75 ug/ml



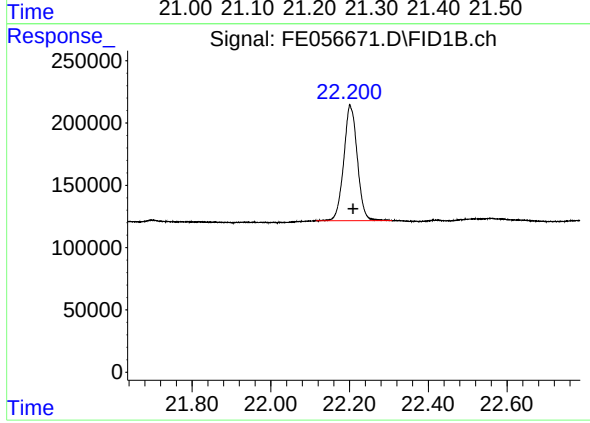
#21 n-Octatriacontane (C38)

R.T.: 21.258 min
Delta R.T.: -0.004 min
Response: 3283276
Conc: 26.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: -0.007 min
Response: 2214345
Conc: 19.15 ug/ml