

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100625AL\
 Data File : FE056211.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2025 21:36
 Operator : YP\AJ
 Sample : Q3289-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-240MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/07/2025

Supervised By :mohammad ahmed 10/08/2025

Integration File: autoint1.e

Quant Time: Oct 07 01:33:02 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M

Quant Title : GC Extractables

QLast Update : Wed Sep 24 12:55:37 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)	12.070	6513172	34.709 ug/ml
Spiked Amount 50.000		Recovery =	69.42%
12) S 1-chlorooctadecane (S...	13.505	5260233	37.690 ug/ml
Spiked Amount 50.000		Recovery =	75.38%
Target Compounds			
1) T n-Nonane (C9)	3.408	4271372	31.180 ug/ml
2) T n-Decane (C10)	4.669	5228223	37.461 ug/ml
3) T A~Naphthalene (C11.7)	6.389	7668668	48.030 ug/ml
4) T n-Dodecane (C12)	6.845	6797948	47.363 ug/ml
5) T A~2-methylnaphthalene...	7.490	8413715	54.101 ug/ml
6) T n-Tetradecane (C14)	8.683	8560887	57.904 ug/ml
7) T n-Hexadecane (C16)	10.296	9957094	62.660 ug/ml
8) T n-Octadecane (C18)	11.746	10695847	63.146 ug/ml
10) T n-Eicosane (C20)	13.061	11068311	66.771 ug/ml
11) T n-Heneicosane (C21)	13.675	10760426	66.222 ug/ml
13) T n-Docosane (C22)	14.262	10528716	65.891 ug/ml
14) T n-Tetracosane (C24)	15.371	18832301	123.587 ug/ml
15) T n-Hexacosane (C26)	16.394	9038971	63.373 ug/ml
16) T n-Octacosane (C28)	17.344	8941524	64.186 ug/mlm
17) T n-Tricontane (C30)	18.236	8671163	58.517 ug/ml
18) T n-Dotriacontane (C32)	19.068	8714705	58.410 ug/ml
19) T n-Tetratriacontane (C34)	19.853	8820101	62.355 ug/ml
20) T n-Hexatriacontane (C36)	20.593	8579521	66.834 ug/ml
21) T n-Octatriacontane (C38)	21.367	8583782	65.354 ug/ml
22) T n-Tetracontane (C40)	22.350	8294358	69.720 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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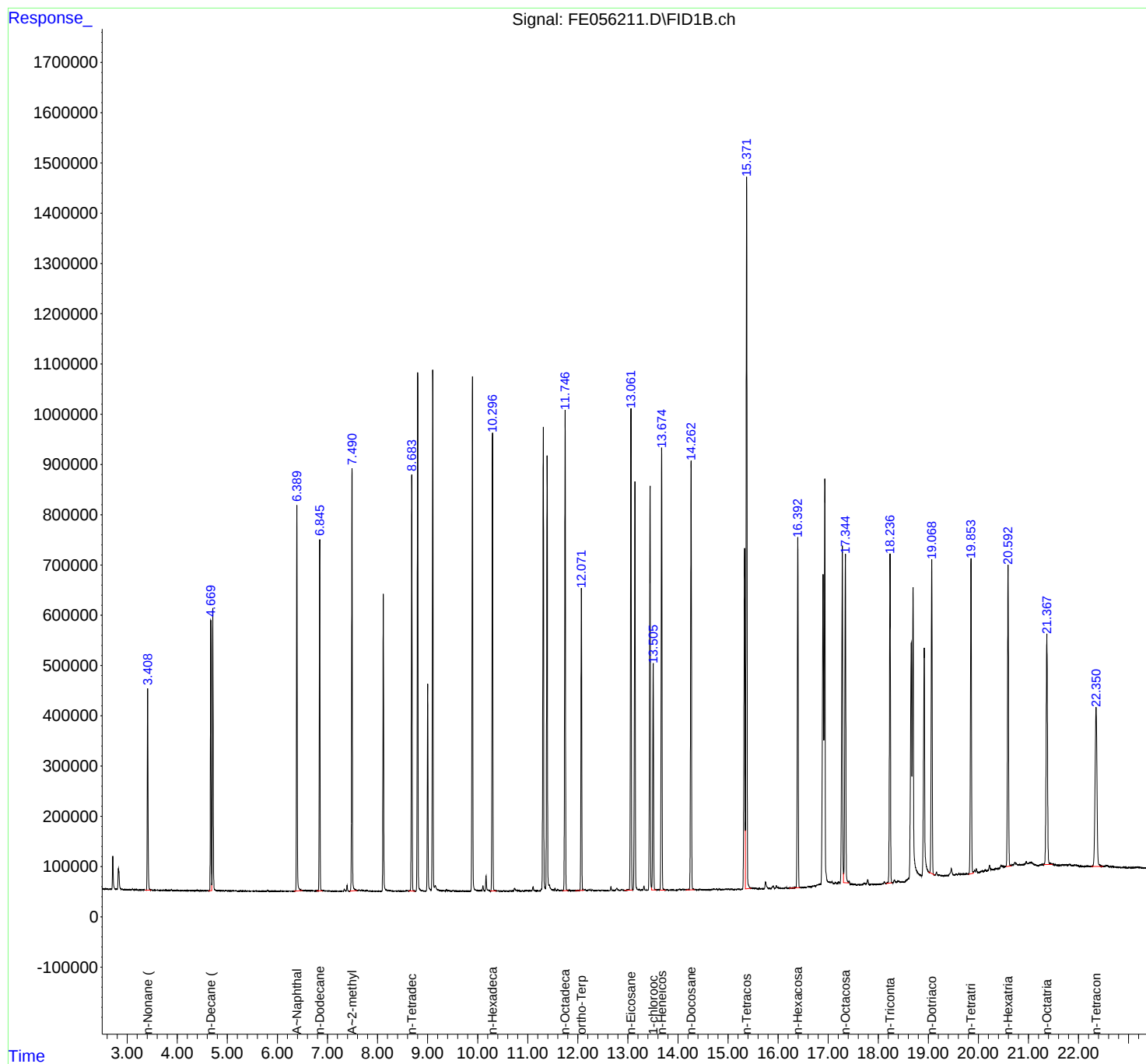
Instrument :
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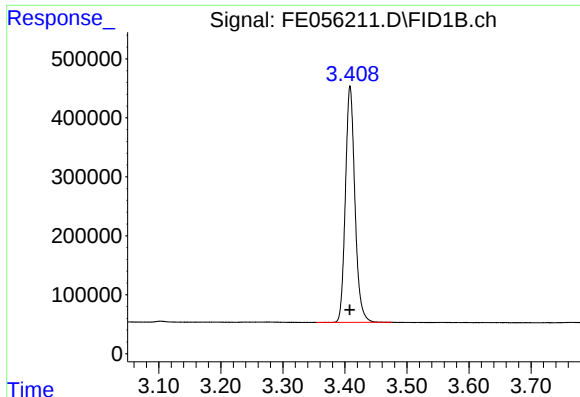
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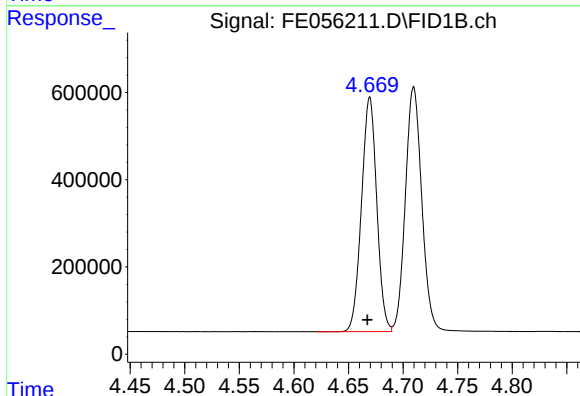
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: 0.000 min
Response: 4271372
Conc: 31.18 ug/ml

Instrument :
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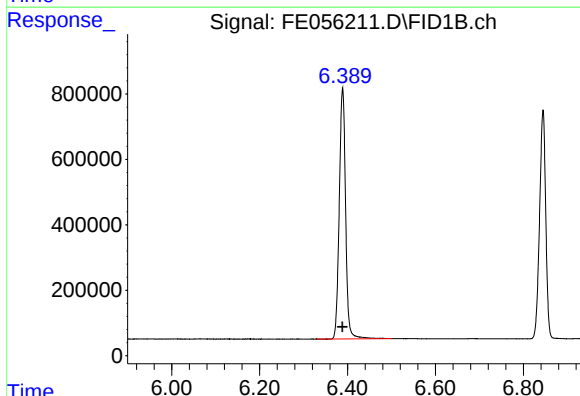
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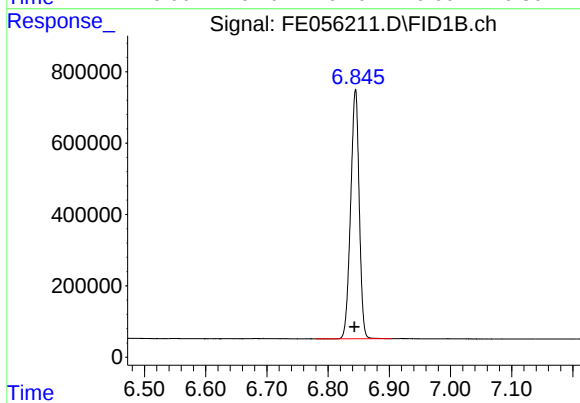
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.002 min
Response: 5228223
Conc: 37.46 ug/ml



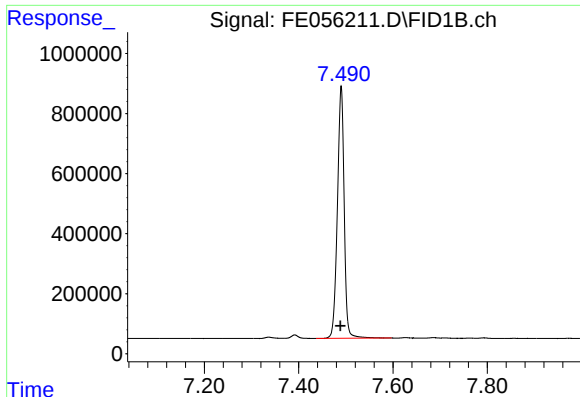
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 7668668
Conc: 48.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 6797948
Conc: 47.36 ug/ml



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

R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 8413715
Conc: 54.10 ug/ml

Instrument :

FID_E

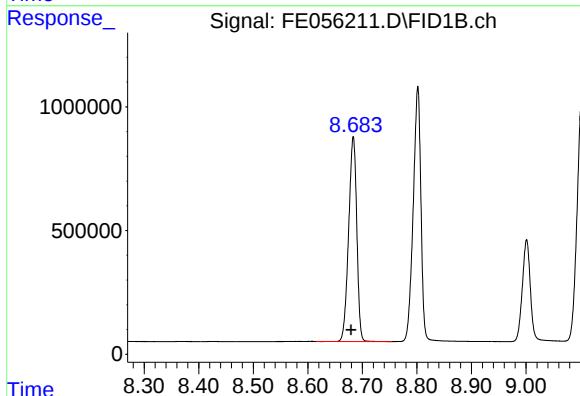
ClientSampleId :

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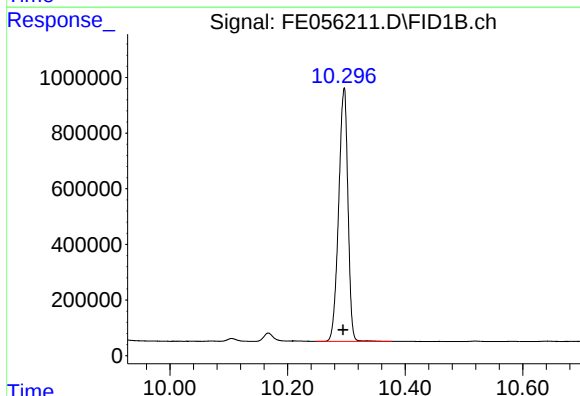
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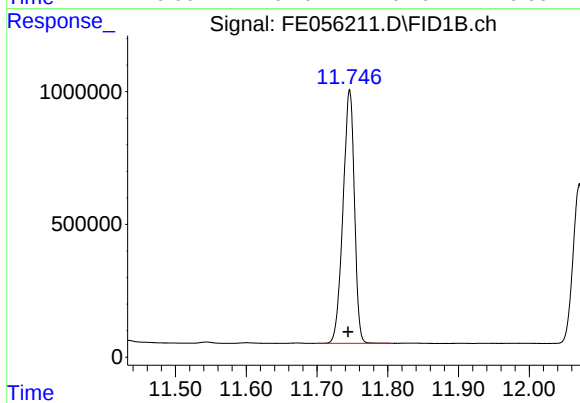
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.004 min
Response: 8560887
Conc: 57.90 ug/ml



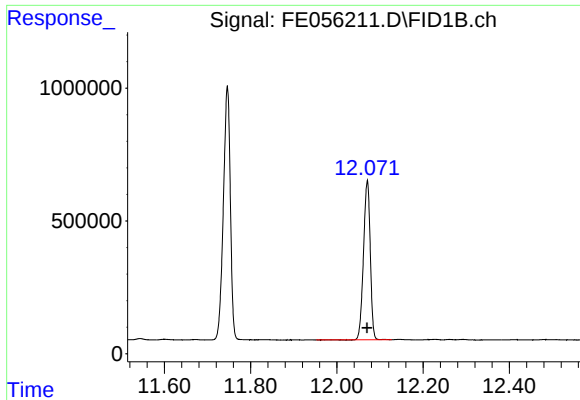
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.001 min
Response: 9957094
Conc: 62.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 10695847
Conc: 63.15 ug/ml



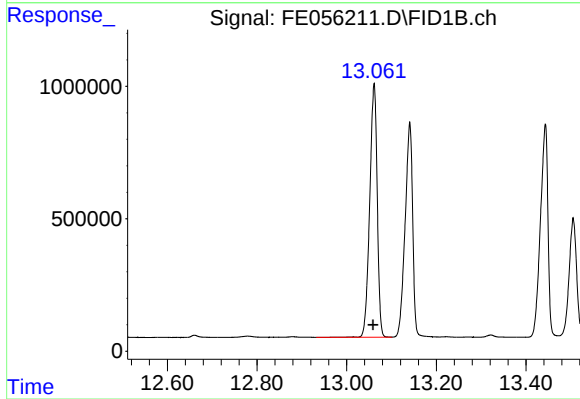
#9 ortho-Terphenyl (SURR)

R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 6513172
Conc: 34.71 ug/ml

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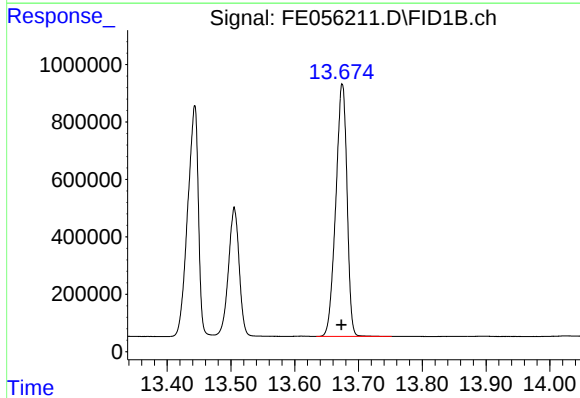
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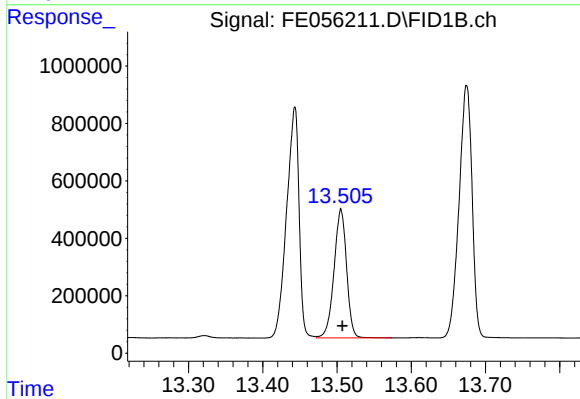
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 11068311
Conc: 66.77 ug/ml



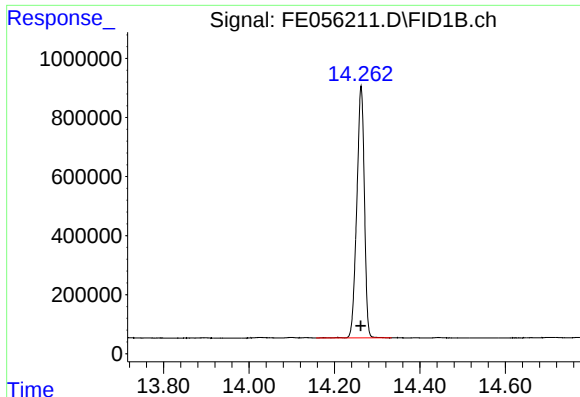
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: 0.001 min
Response: 10760426
Conc: 66.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.505 min
Delta R.T.: -0.002 min
Response: 5260233
Conc: 37.69 ug/ml



#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: 0.000 min
Response: 10528716
Conc: 65.89 ug/ml

Instrument :

FID_E

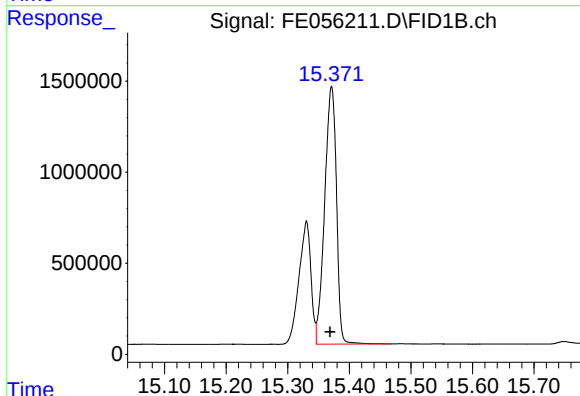
ClientSampleId :

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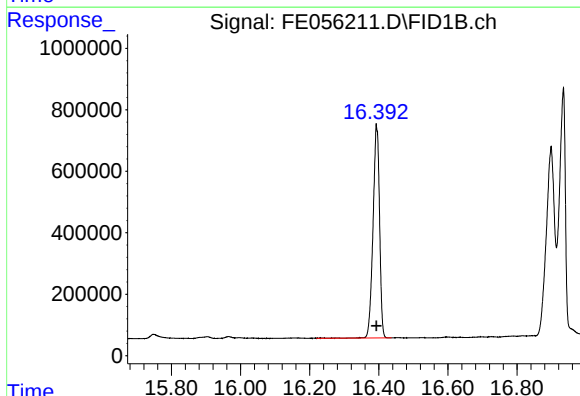
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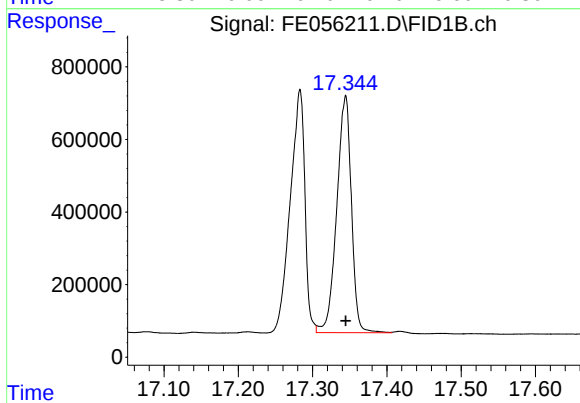
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: 0.002 min
Response: 18832301
Conc: 123.59 ug/ml



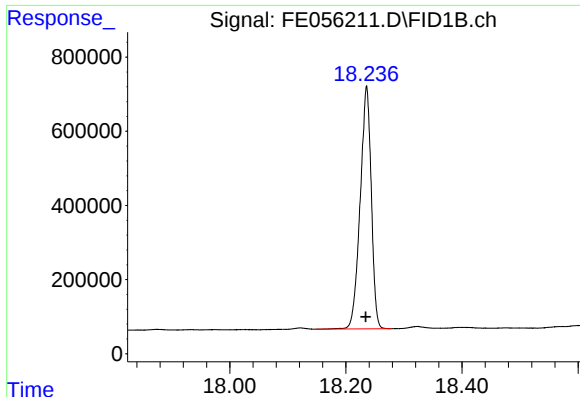
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: 0.001 min
Response: 9038971
Conc: 63.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.344 min
Delta R.T.: 0.000 min
Response: 8941524
Conc: 64.19 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.236 min
Delta R.T.: 0.001 min
Response: 8671163
Conc: 58.52 ug/ml

Instrument :

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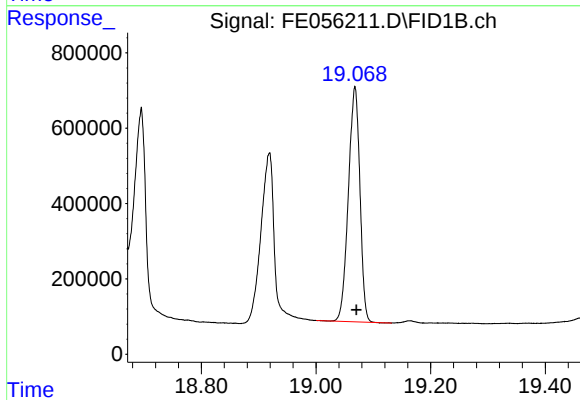
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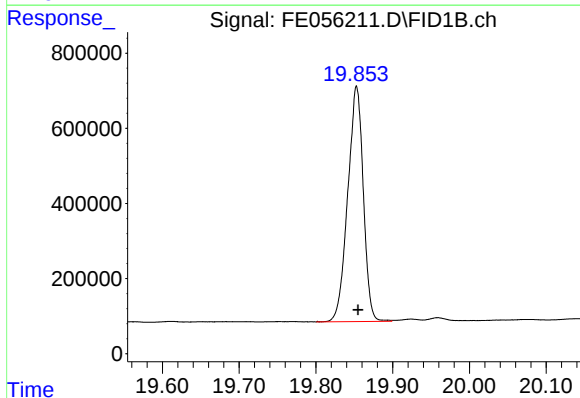
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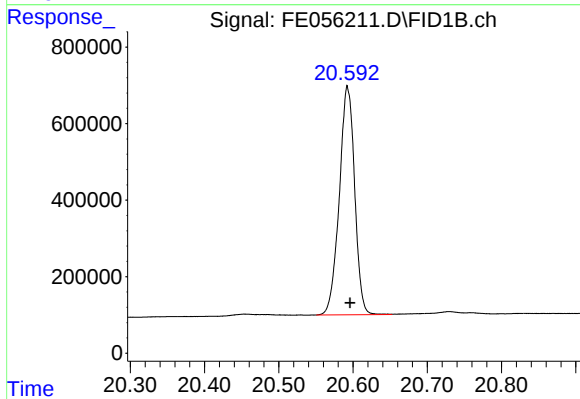
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: -0.002 min
Response: 8714705
Conc: 58.41 ug/ml



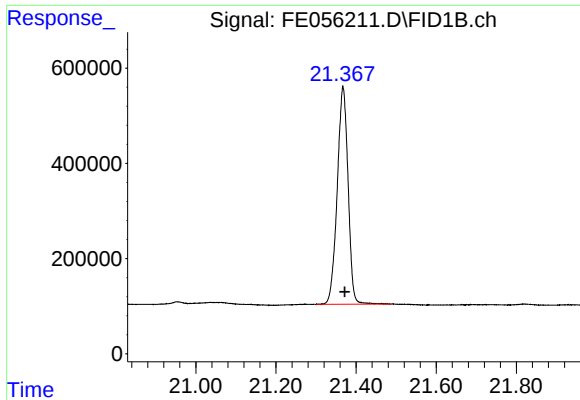
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: -0.002 min
Response: 8820101
Conc: 62.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.593 min
Delta R.T.: -0.003 min
Response: 8579521
Conc: 66.83 ug/ml



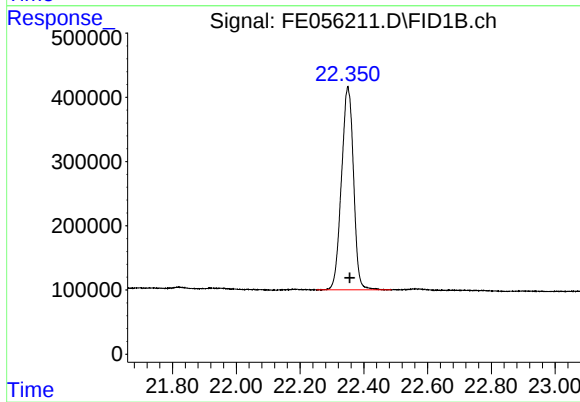
#21 n-Octatriacontane (C38)

R.T.: 21.367 min
Delta R.T.: -0.004 min
Response: 8583782
Conc: 65.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.350 min
Delta R.T.: -0.007 min
Response: 8294358
Conc: 69.72 ug/ml