

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100625AL\
 Data File : FE056204.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2025 15:30
 Operator : YP\AJ
 Sample : PB169990BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB169990BS

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 01:27:47 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)	12.073	8159609	43.483 ug/ml
Spiked Amount 50.000		Recovery =	86.97%
12) S 1-chlorooctadecane (S...	13.508	6440505	46.147 ug/ml
Spiked Amount 50.000		Recovery =	92.29%
Target Compounds			
1) T n-Nonane (C9)	3.416	5139840	37.519 ug/ml
2) T n-Decane (C10)	4.672	5658786	40.546 ug/ml
3) T A~Naphthalene (C11.7)	6.390	7530872	47.167 ug/ml
4) T n-Dodecane (C12)	6.845	6450311	44.941 ug/ml
5) T A~2-methylnaphthalene...	7.491	7397351	47.566 ug/ml
6) T n-Tetradecane (C14)	8.683	7153611	48.386 ug/ml
7) T n-Hexadecane (C16)	10.296	7979027	50.212 ug/ml
8) T n-Octadecane (C18)	11.746	8548183	50.467 ug/ml
10) T n-Eicosane (C20)	13.062	9099166	54.892 ug/ml
11) T n-Heneicosane (C21)	13.674	8706924	53.584 ug/ml
13) T n-Docosane (C22)	14.262	8518814	53.312 ug/ml
14) T n-Tetracosane (C24)	15.371	15830340	103.887 ug/ml
15) T n-Hexacosane (C26)	16.395	7407880	51.937 ug/ml
16) T n-Octacosane (C28)	17.343	7259082	52.109 ug/mlm
17) T n-Tricontane (C30)	18.235	7108296	47.970 ug/ml
18) T n-Dotriacontane (C32)	19.068	7163742	48.015 ug/ml
19) T n-Tetratriacontane (C34)	19.853	7506515	53.068 ug/ml
20) T n-Hexatriacontane (C36)	20.595	7668694	59.739 ug/ml
21) T n-Octatriacontane (C38)	21.371	7969654	60.678 ug/ml
22) T n-Tetracontane (C40)	22.356	7695054	64.682 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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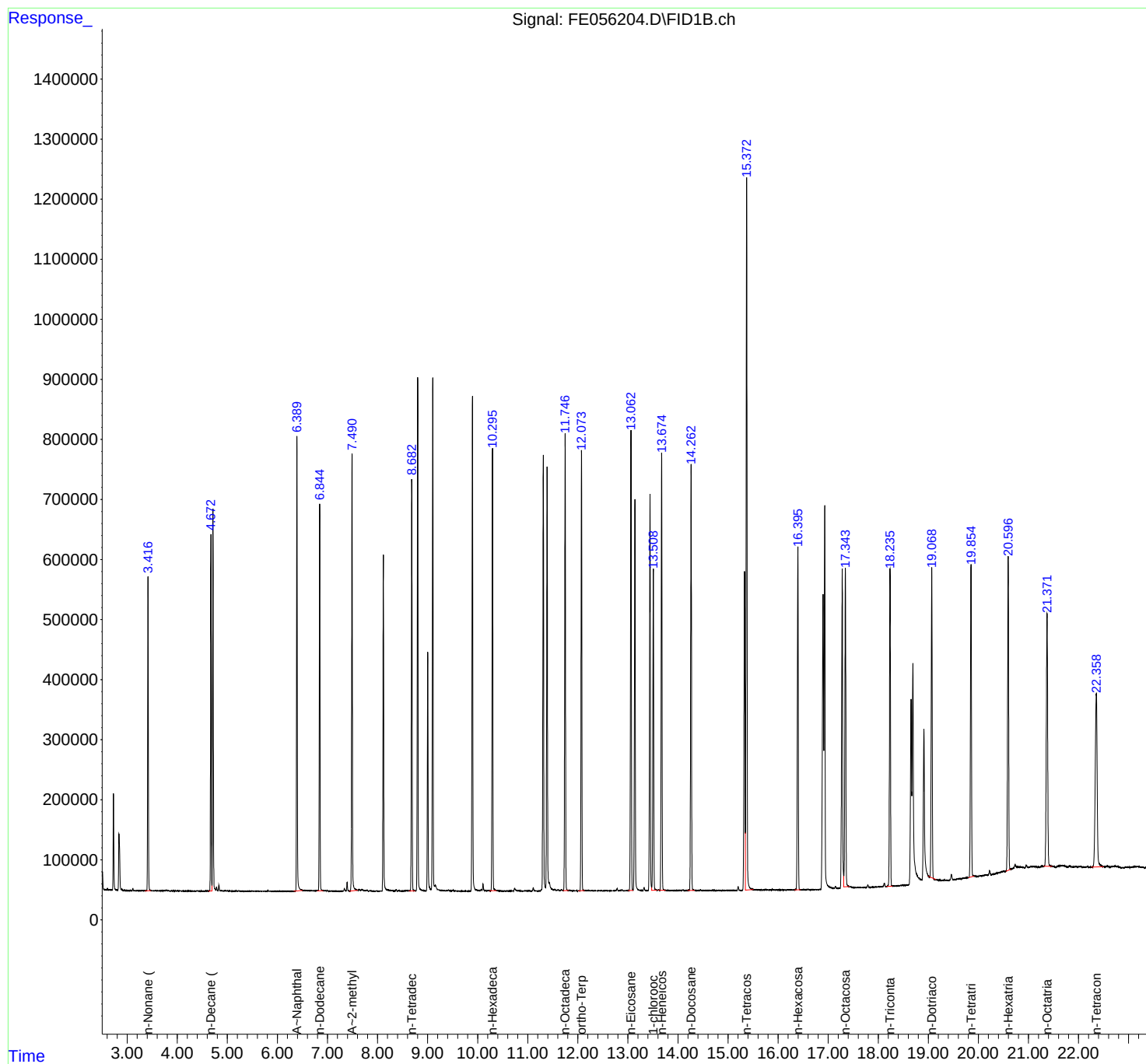
Instrument :
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ClientSampleId :
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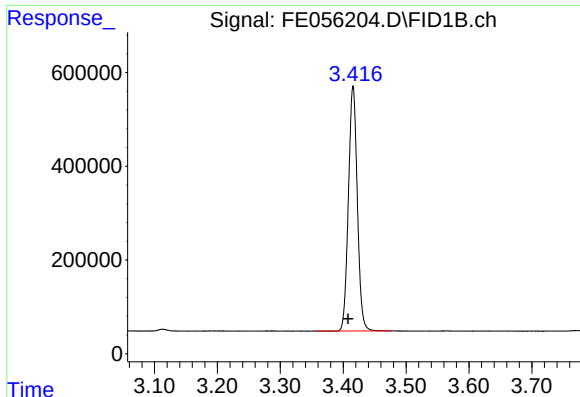
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#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.008 min
Response: 5139840
Conc: 37.52 ug/ml

Instrument :

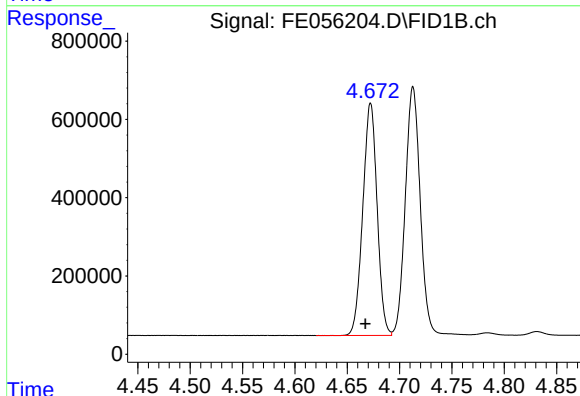
FID_E

ClientSampleId :

PB169990BS

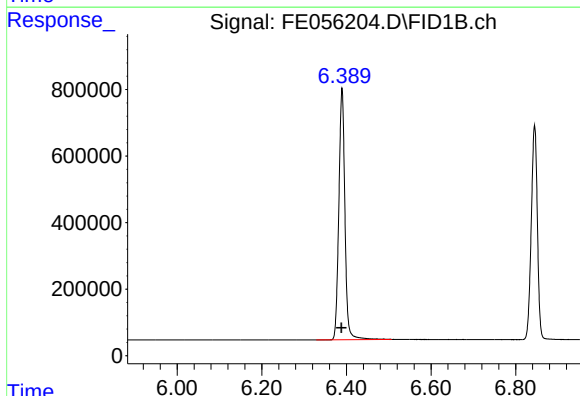
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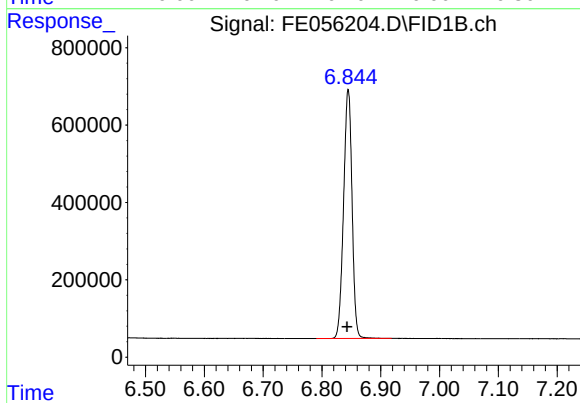
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.005 min
Response: 5658786
Conc: 40.55 ug/ml



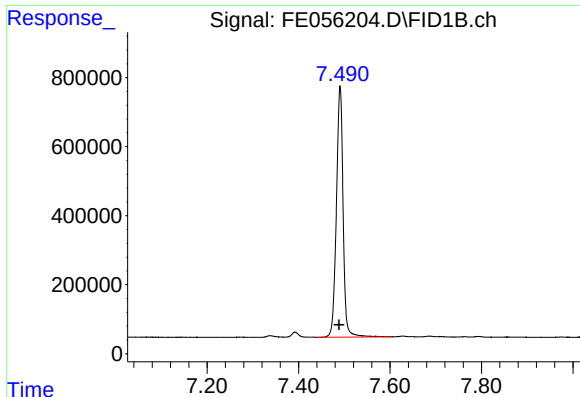
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.001 min
Response: 7530872
Conc: 47.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 6450311
Conc: 44.94 ug/ml



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

R.T.: 7.491 min
Delta R.T.: 0.002 min
Response: 7397351
Conc: 47.57 ug/ml

Instrument :

FID_E

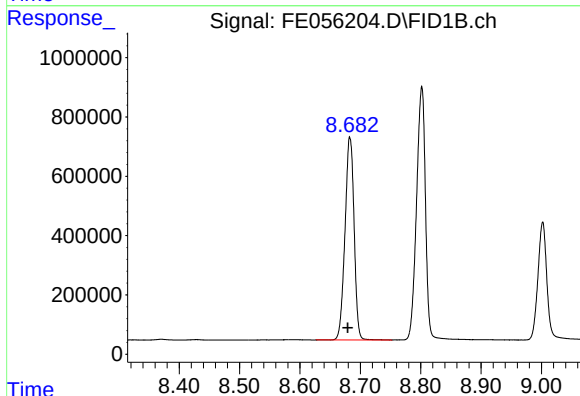
ClientSampleId :

PB169990BS

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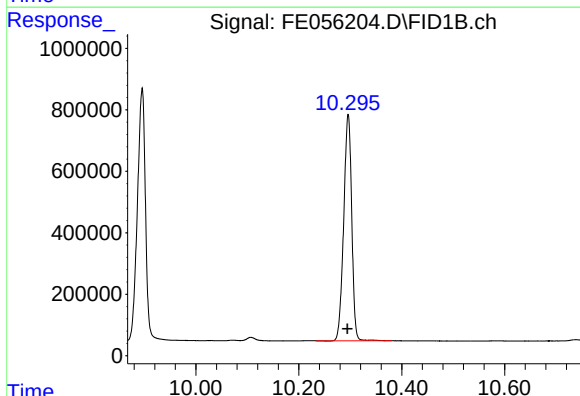
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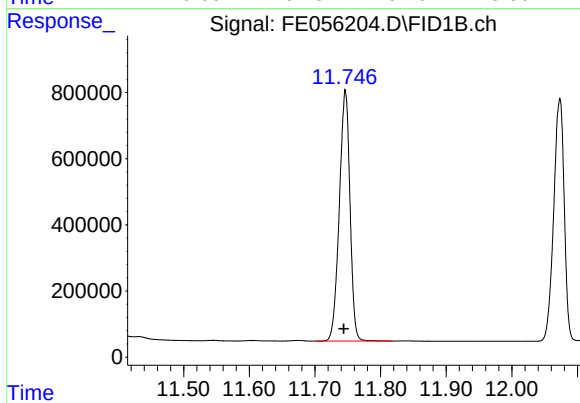
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.003 min
Response: 7153611
Conc: 48.39 ug/ml



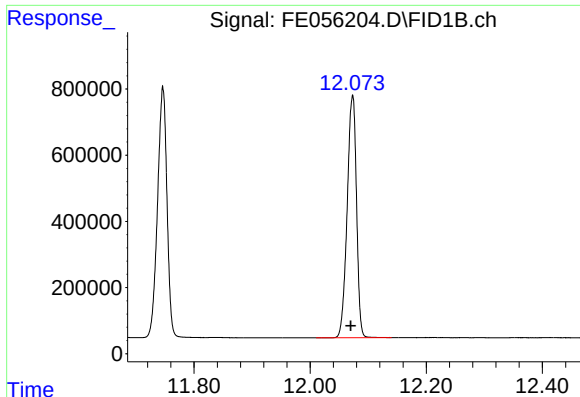
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.002 min
Response: 7979027
Conc: 50.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 8548183
Conc: 50.47 ug/ml



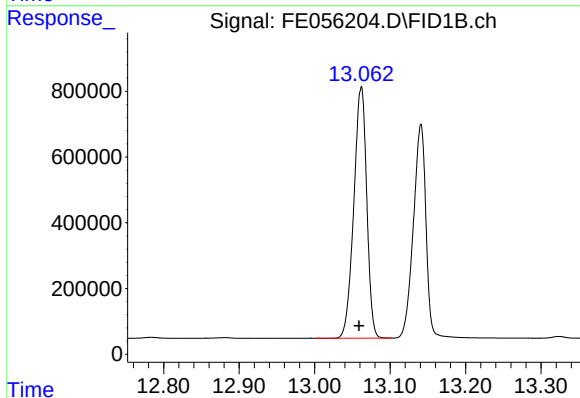
#9 ortho-Terphenyl (SURR)

R.T.: 12.073 min
Delta R.T.: 0.003 min
Response: 8159609
Conc: 43.48 ug/ml

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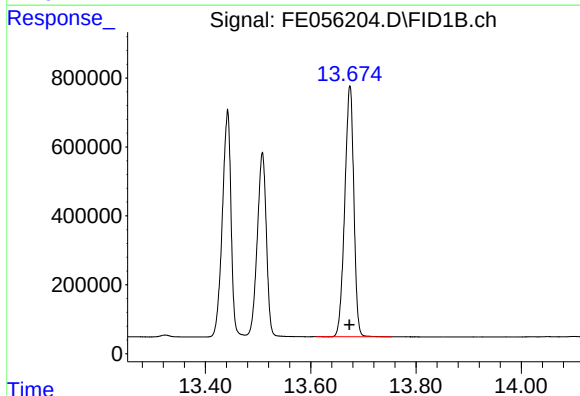
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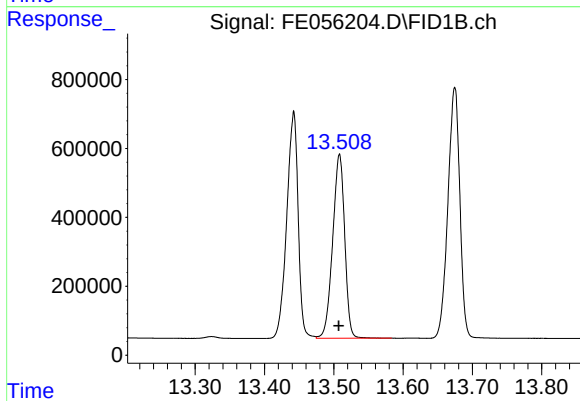
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: 0.003 min
Response: 9099166
Conc: 54.89 ug/ml



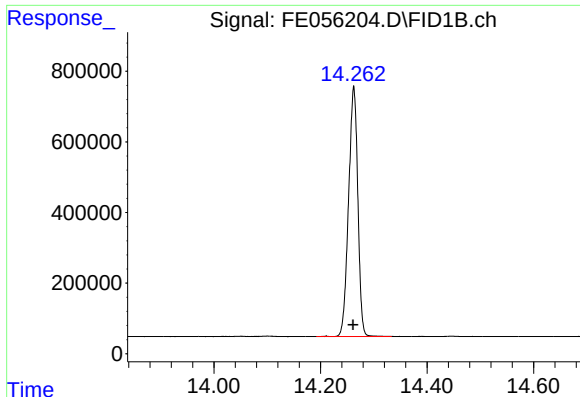
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: 0.001 min
Response: 8706924
Conc: 53.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 6440505
Conc: 46.15 ug/ml



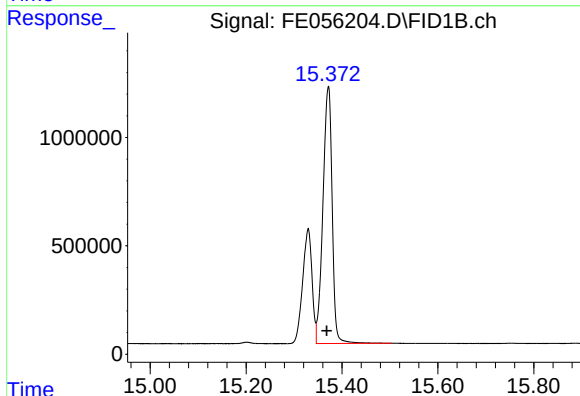
#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: 0.000 min
Response: 8518814
Conc: 53.31 ug/ml

Instrument :
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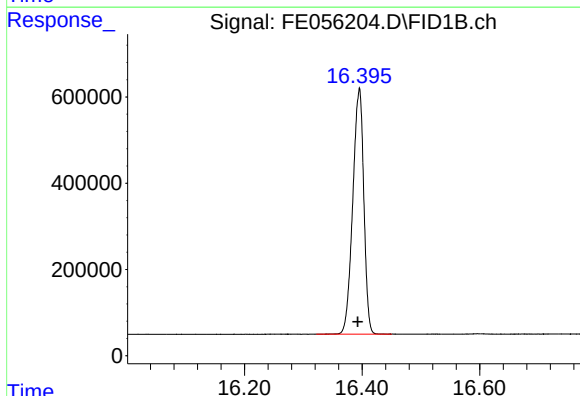
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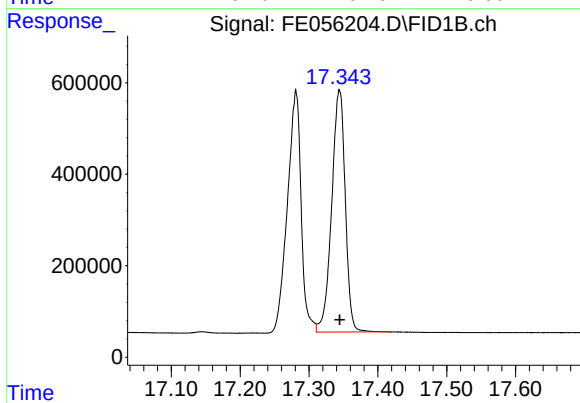
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: 0.003 min
Response: 15830340
Conc: 103.89 ug/ml



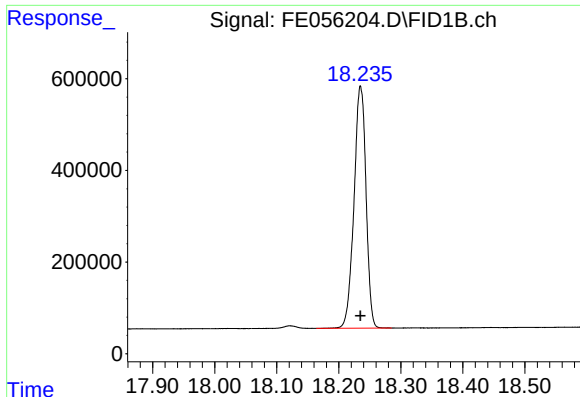
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: 0.002 min
Response: 7407880
Conc: 51.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.343 min
Delta R.T.: -0.001 min
Response: 7259082
Conc: 52.11 ug/ml m



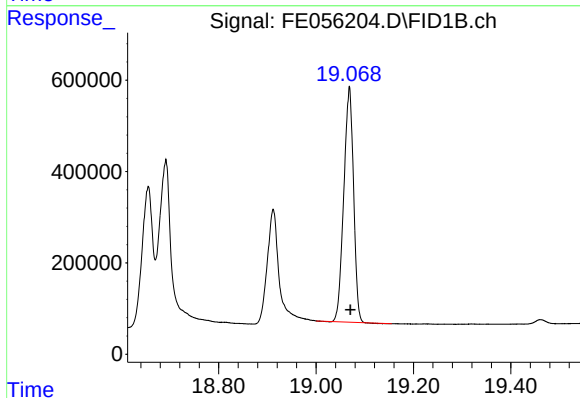
#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 7108296
Conc: 47.97 ug/ml

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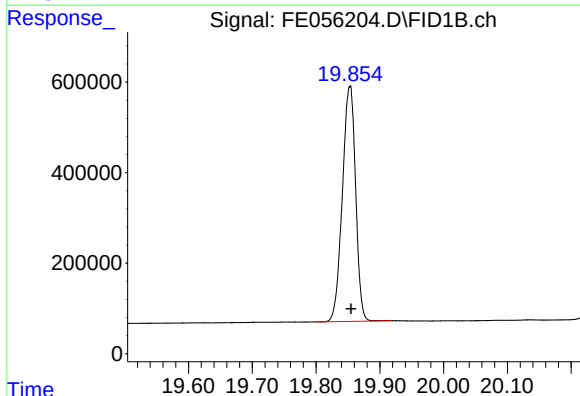
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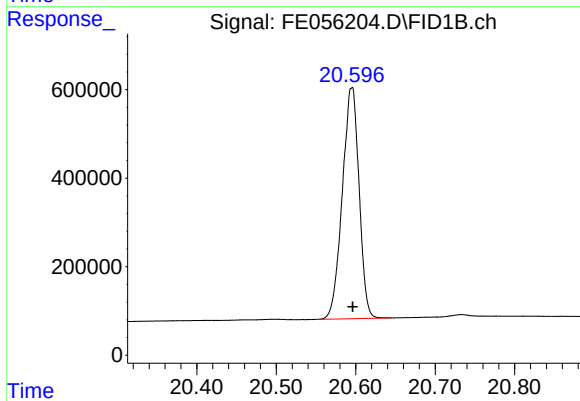
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: -0.002 min
Response: 7163742
Conc: 48.01 ug/ml



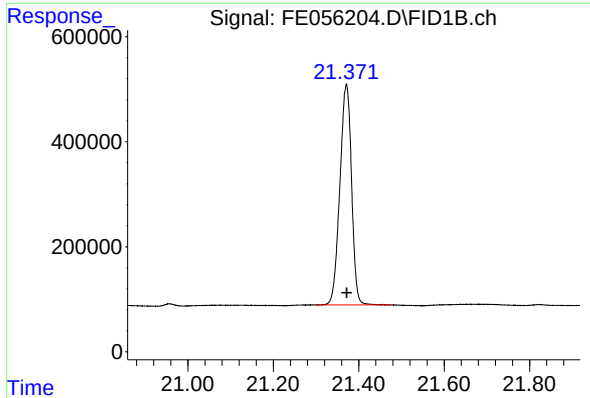
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: -0.002 min
Response: 7506515
Conc: 53.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: -0.001 min
Response: 7668694
Conc: 59.74 ug/ml



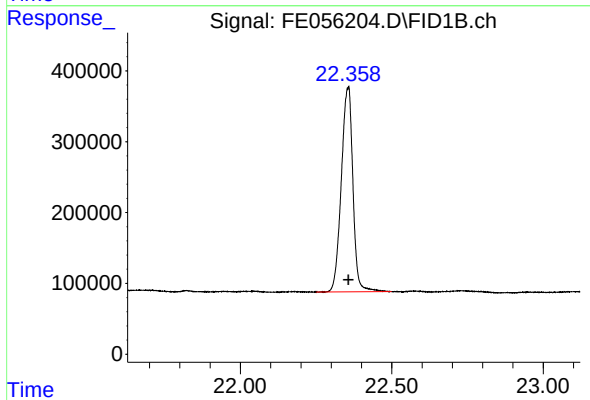
#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: 0.000 min
Response: 7969654
Conc: 60.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.356 min
Delta R.T.: 0.000 min
Response: 7695054
Conc: 64.68 ug/ml