

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101325AL\
 Data File : FE056304.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2025 15:01
 Operator : YP\AJ
 Sample : PB170068BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170068BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

Integration File: sample.E
 Quant Time: Oct 14 02:32:45 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)	12.067	7113789	37.909 ug/ml
Spiked Amount 50.000		Recovery =	75.82%
12) S 1-chlorooctadecane (S...	13.503	5524076	39.581 ug/ml
Spiked Amount 50.000		Recovery =	79.16%
Target Compounds			
1) T n-Nonane (C9)	3.414	5271403	38.480 ug/ml
2) T n-Decane (C10)	4.669	5873487	42.085 ug/ml
3) T A~Naphthalene (C11.7)	6.385	8032793	50.311 ug/ml
4) T n-Dodecane (C12)	6.841	6758118	47.086 ug/ml
5) T A~2-methylnaphthalene...	7.486	7827093	50.329 ug/ml
6) T n-Tetradecane (C14)	8.679	7447150	50.371 ug/ml
7) T n-Hexadecane (C16)	10.292	8139017	51.218 ug/ml
8) T n-Octadecane (C18)	11.742	8542384	50.432 ug/ml
10) T n-Eicosane (C20)	13.057	8848642	53.381 ug/ml
11) T n-Heneicosane (C21)	13.671	8454606	52.031 ug/ml
13) T n-Docosane (C22)	14.259	8212052	51.392 ug/ml
14) T n-Tetracosane (C24)	15.367	15930112	104.541 ug/ml
15) T n-Hexacosane (C26)	16.391	7160804	50.205 ug/ml
16) T n-Octacosane (C28)	17.342	7158424	51.386 ug/mlm
17) T n-Tricontane (C30)	18.232	6984807	47.137 ug/ml
18) T n-Dotriacontane (C32)	19.066	7100746	47.592 ug/ml
19) T n-Tetratriacontane (C34)	19.851	7371883	52.116 ug/ml
20) T n-Hexatriacontane (C36)	20.592	7587318	59.105 ug/ml
21) T n-Octatriacontane (C38)	21.367	7882868	60.018 ug/ml
22) T n-Tetracontane (C40)	22.349	7580022	63.715 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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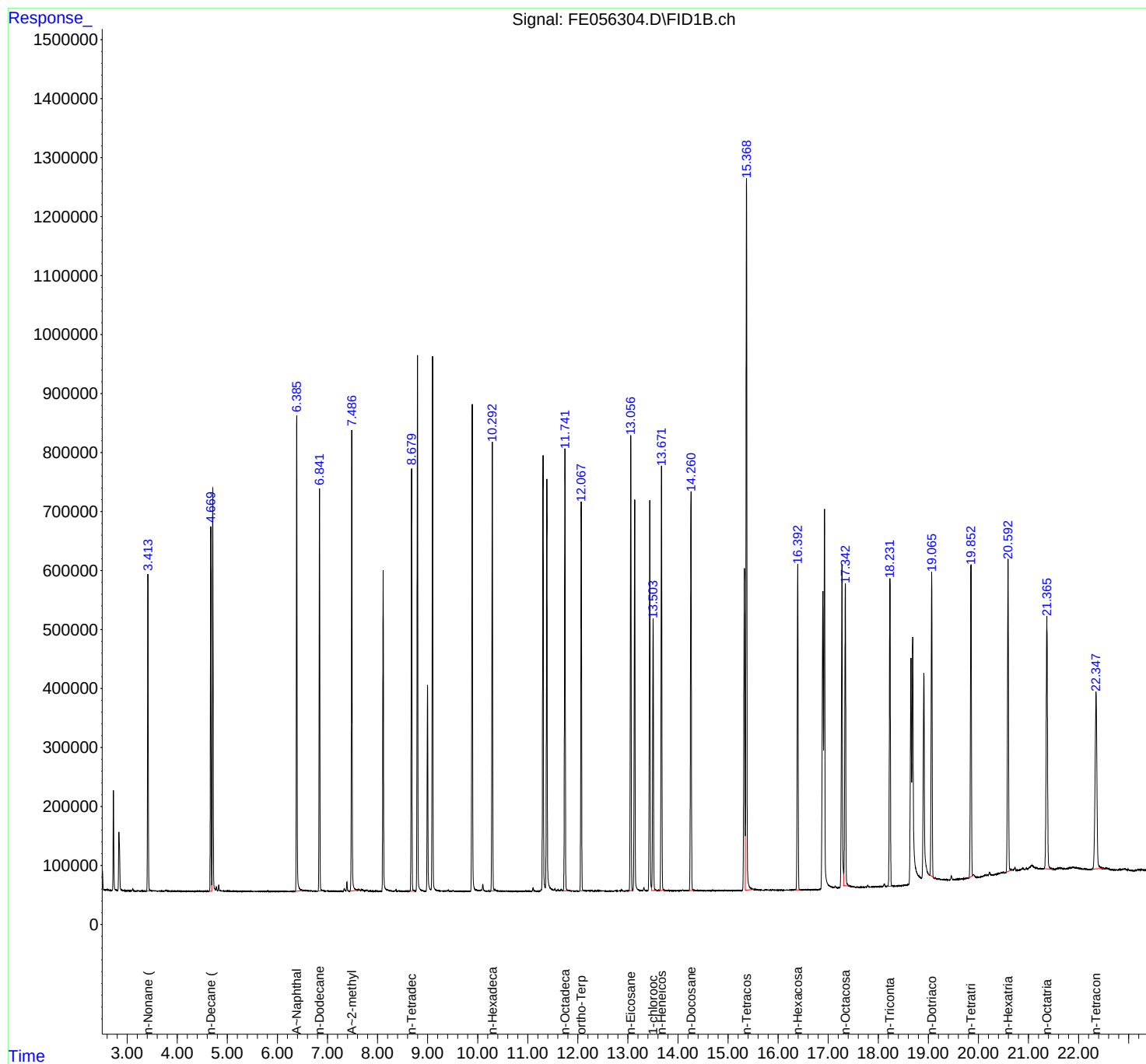
Instrument :
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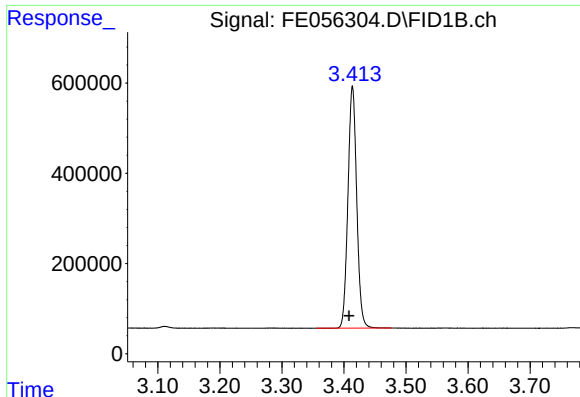
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#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.006 min
Response: 5271403
Conc: 38.48 ug/ml

Instrument :

FID_E

ClientSampleId :

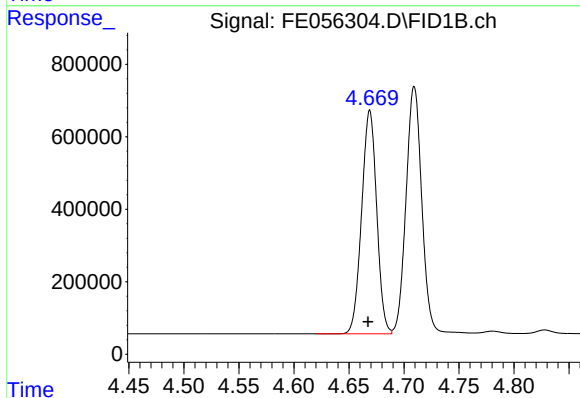
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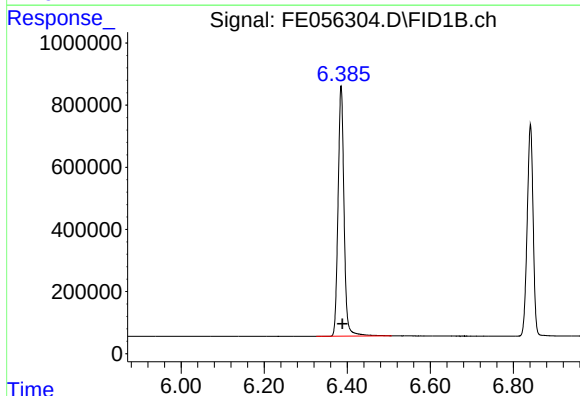
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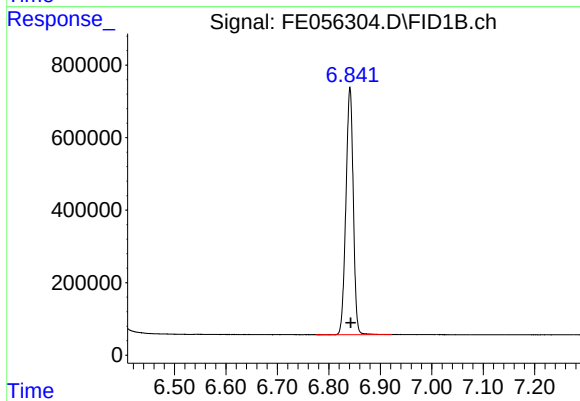
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.002 min
Response: 5873487
Conc: 42.08 ug/ml



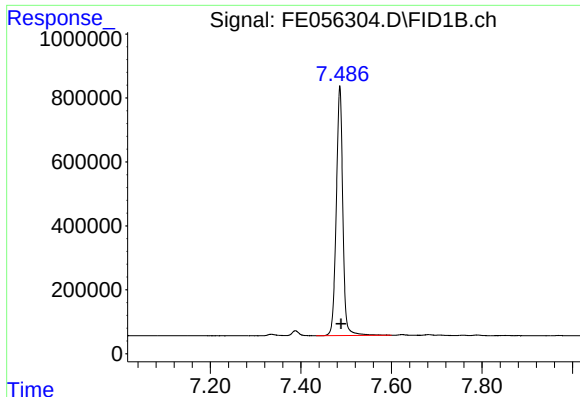
#3 A~Naphthalene (C11.7)

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 8032793
Conc: 50.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 6758118
Conc: 47.09 ug/ml



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

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 7827093
Conc: 50.33 ug/ml

Instrument :

FID_E

ClientSampleId :

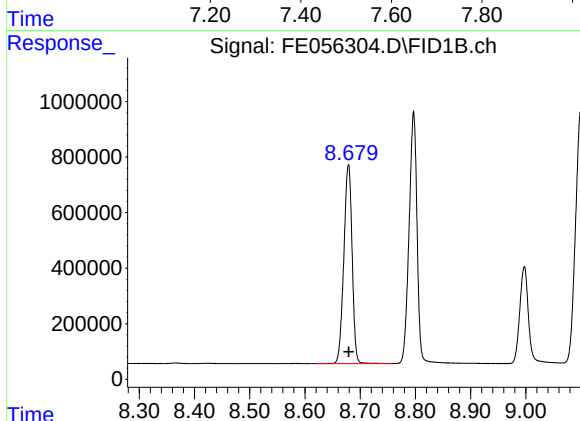
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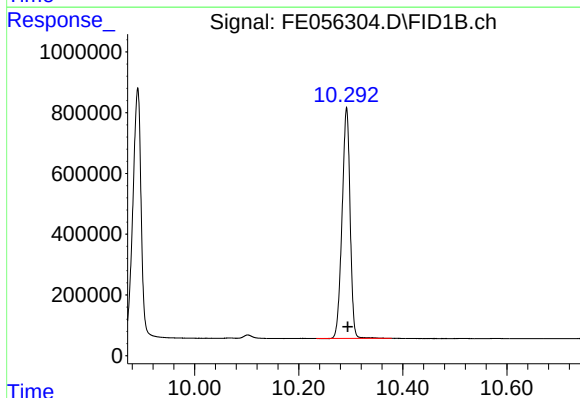
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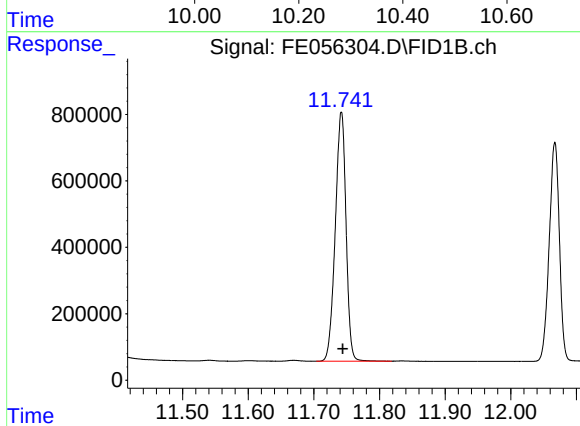
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 7447150
Conc: 50.37 ug/ml



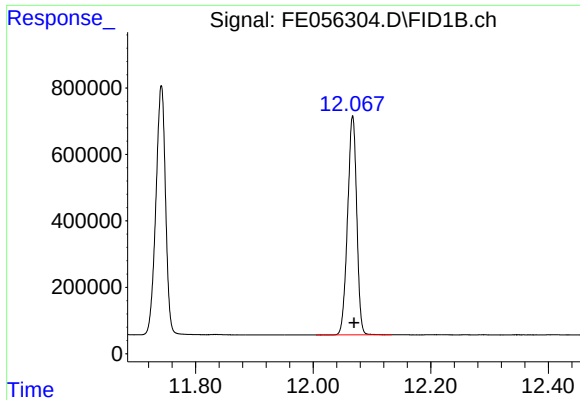
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: -0.002 min
Response: 8139017
Conc: 51.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.742 min
Delta R.T.: -0.002 min
Response: 8542384
Conc: 50.43 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.067 min
Delta R.T.: -0.003 min
Response: 7113789
Conc: 37.91 ug/ml

Instrument :

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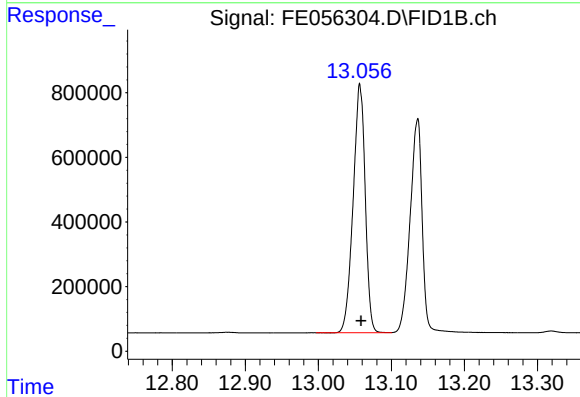
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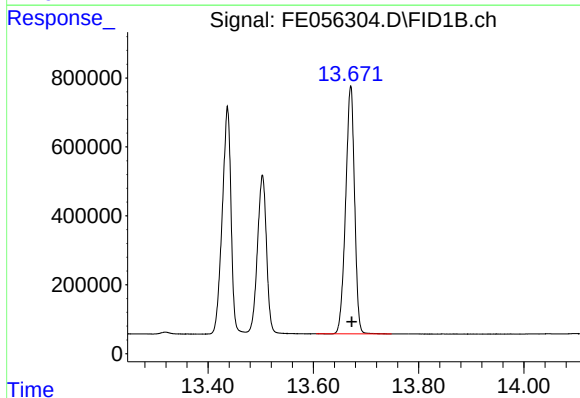
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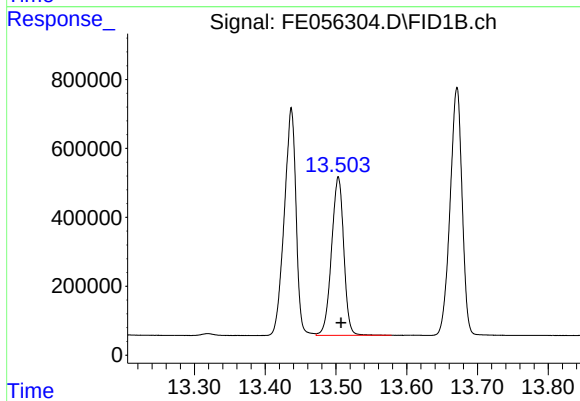
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.002 min
Response: 8848642
Conc: 53.38 ug/ml



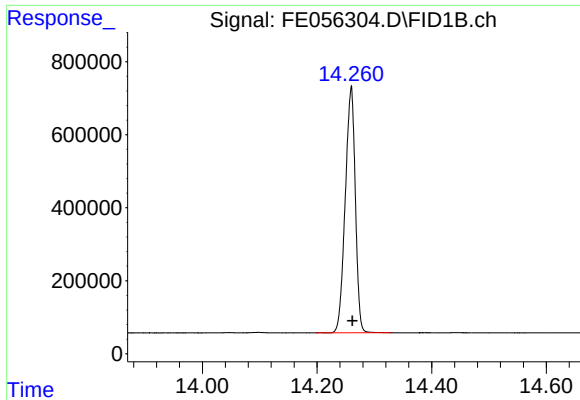
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: -0.002 min
Response: 8454606
Conc: 52.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.503 min
Delta R.T.: -0.004 min
Response: 5524076
Conc: 39.58 ug/ml



#13 n-Docosane (C22)

R.T.: 14.259 min
Delta R.T.: -0.002 min
Response: 8212052
Conc: 51.39 ug/ml

Instrument :

FID_E

ClientSampleId :

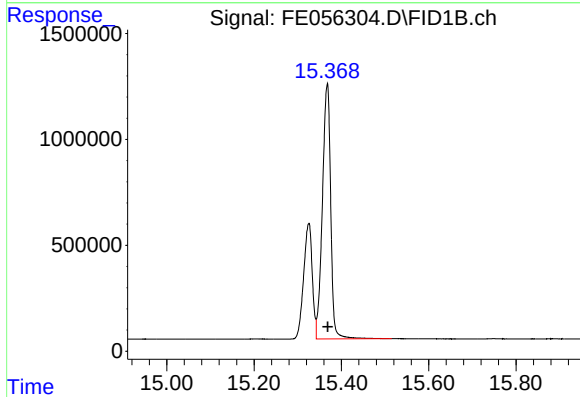
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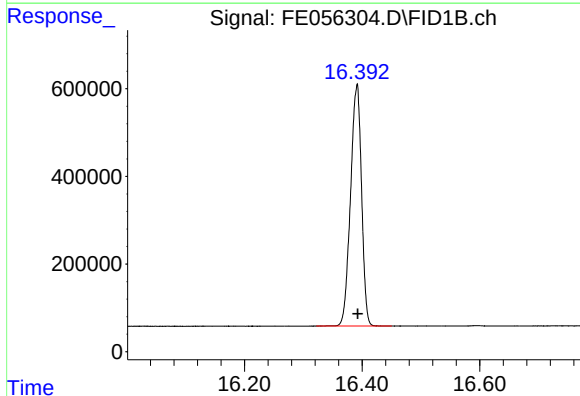
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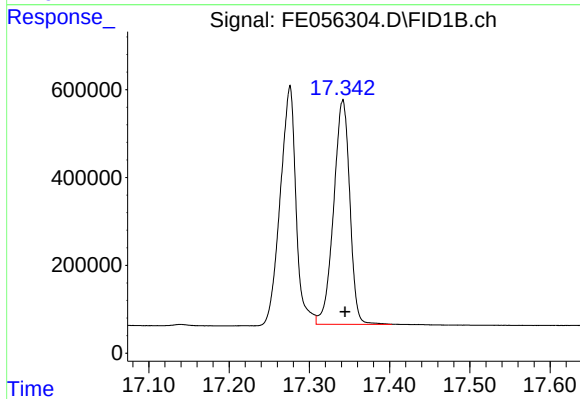
#14 n-Tetracosane (C24)

R.T.: 15.367 min
Delta R.T.: -0.001 min
Response: 15930112
Conc: 104.54 ug/ml



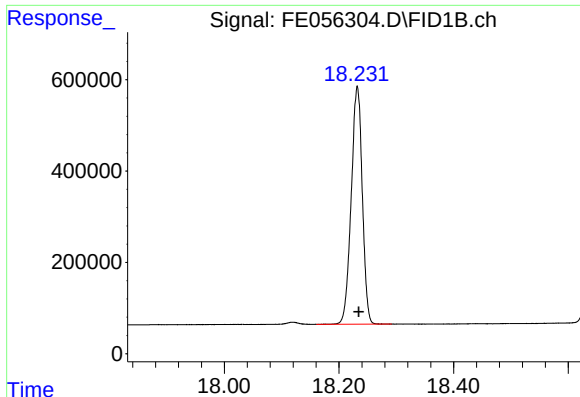
#15 n-Hexacosane (C26)

R.T.: 16.391 min
Delta R.T.: -0.002 min
Response: 7160804
Conc: 50.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.342 min
Delta R.T.: -0.003 min
Response: 7158424
Conc: 51.39 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.232 min
Delta R.T.: -0.003 min
Response: 6984807
Conc: 47.14 ug/ml

Instrument :

FID_E

ClientSampleId :

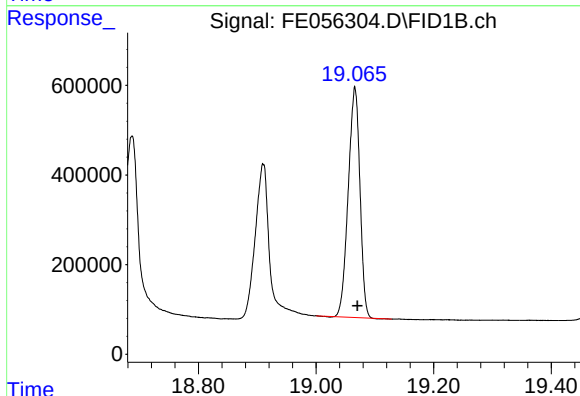
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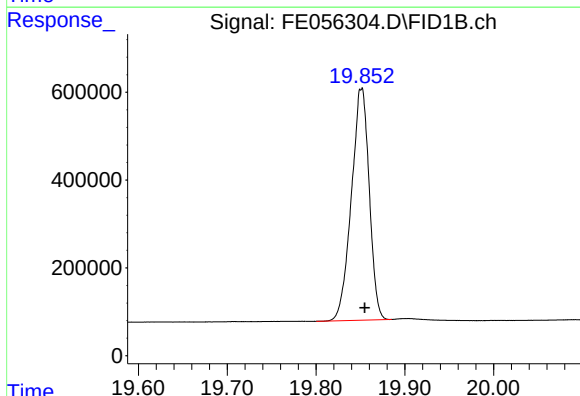
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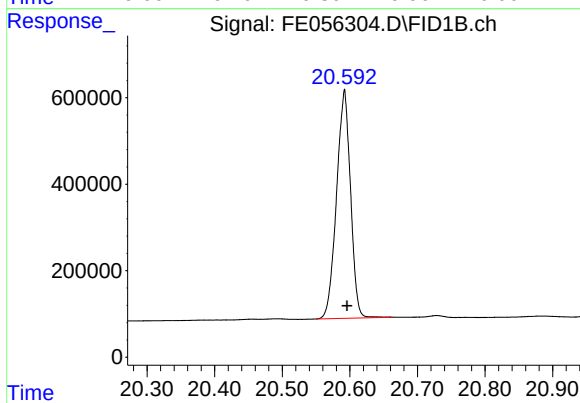
#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: -0.004 min
Response: 7100746
Conc: 47.59 ug/ml



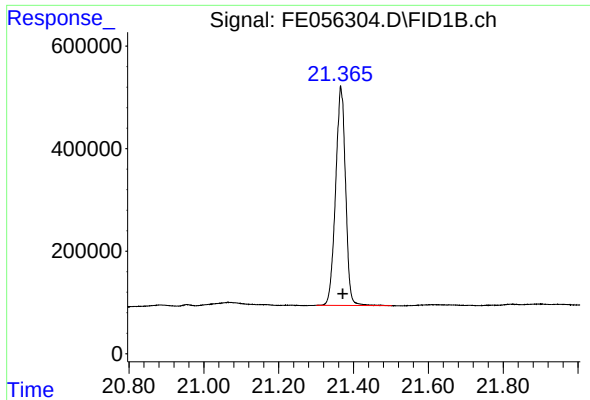
#19 n-Tetratriacontane (C34)

R.T.: 19.851 min
Delta R.T.: -0.004 min
Response: 7371883
Conc: 52.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 7587318
Conc: 59.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.367 min
Delta R.T.: -0.005 min
Response: 7882868
Conc: 60.02 ug/ml

Instrument :

FID_E

ClientSampleId :

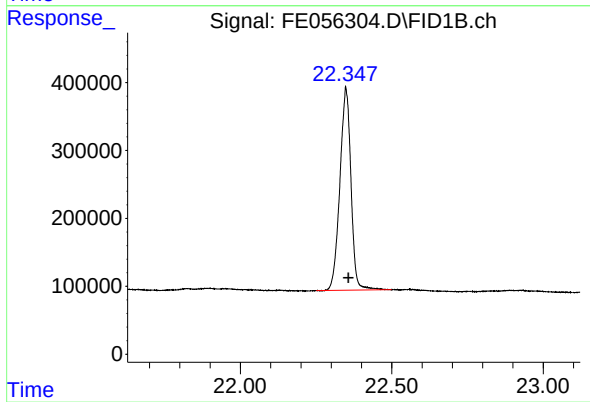
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#22 n-Tetracontane (C40)

R.T.: 22.349 min
Delta R.T.: -0.008 min
Response: 7580022
Conc: 63.72 ug/ml