

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111325AL\
 Data File : FE056811.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 10:59
 Operator : YP\AJ
 Sample : PB170504BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170504BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 00:16:53 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)	11.953	7033482	33.667 ug/ml
Spiked Amount 50.000		Recovery =	67.33%
12) S 1-chlorooctadecane (S...	13.390	4750402	29.484 ug/ml
Spiked Amount 50.000		Recovery =	58.97%
Target Compounds			
1) T n-Nonane (C9)	3.323	5394863	32.119 ug/ml
2) T n-Decane (C10)	4.571	5700685	33.222 ug/mlm
3) T A~Naphthalene (C11.7)	6.282	6967443	37.747 ug/ml
4) T n-Dodecane (C12)	6.738	6118898	35.180 ug/ml
5) T A~2-methylnaphthalene...	7.380	6362036	35.899 ug/ml
6) T n-Tetradecane (C14)	8.572	6460555	37.012 ug/ml
7) T n-Hexadecane (C16)	10.183	6697941	36.609 ug/ml
8) T n-Octadecane (C18)	11.630	6769506	35.766 ug/ml
10) T n-Eicosane (C20)	12.943	6692797	35.913 ug/ml
11) T n-Heneicosane (C21)	13.556	6543581	35.586 ug/ml
13) T n-Docosane (C22)	14.144	6430873	34.353 ug/ml
14) T n-Tetracosane (C24)	15.251	13649000	69.686 ug/ml
15) T n-Hexacosane (C26)	16.275	6115628	31.469 ug/ml
16) T n-Octacosane (C28)	17.225	6306541	32.565 ug/ml
17) T n-Tricontane (C30)	18.116	5770936	28.783 ug/ml
18) T n-Dotriacontane (C32)	18.947	5572545	28.337 ug/ml
19) T n-Tetratriacontane (C34)	19.733	4733302	27.422 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3686666	25.486 ug/ml
21) T n-Octatriacontane (C38)	21.222	2923142	23.225 ug/ml
22) T n-Tetracontane (C40)	22.156f	2456004	21.243 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170504BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

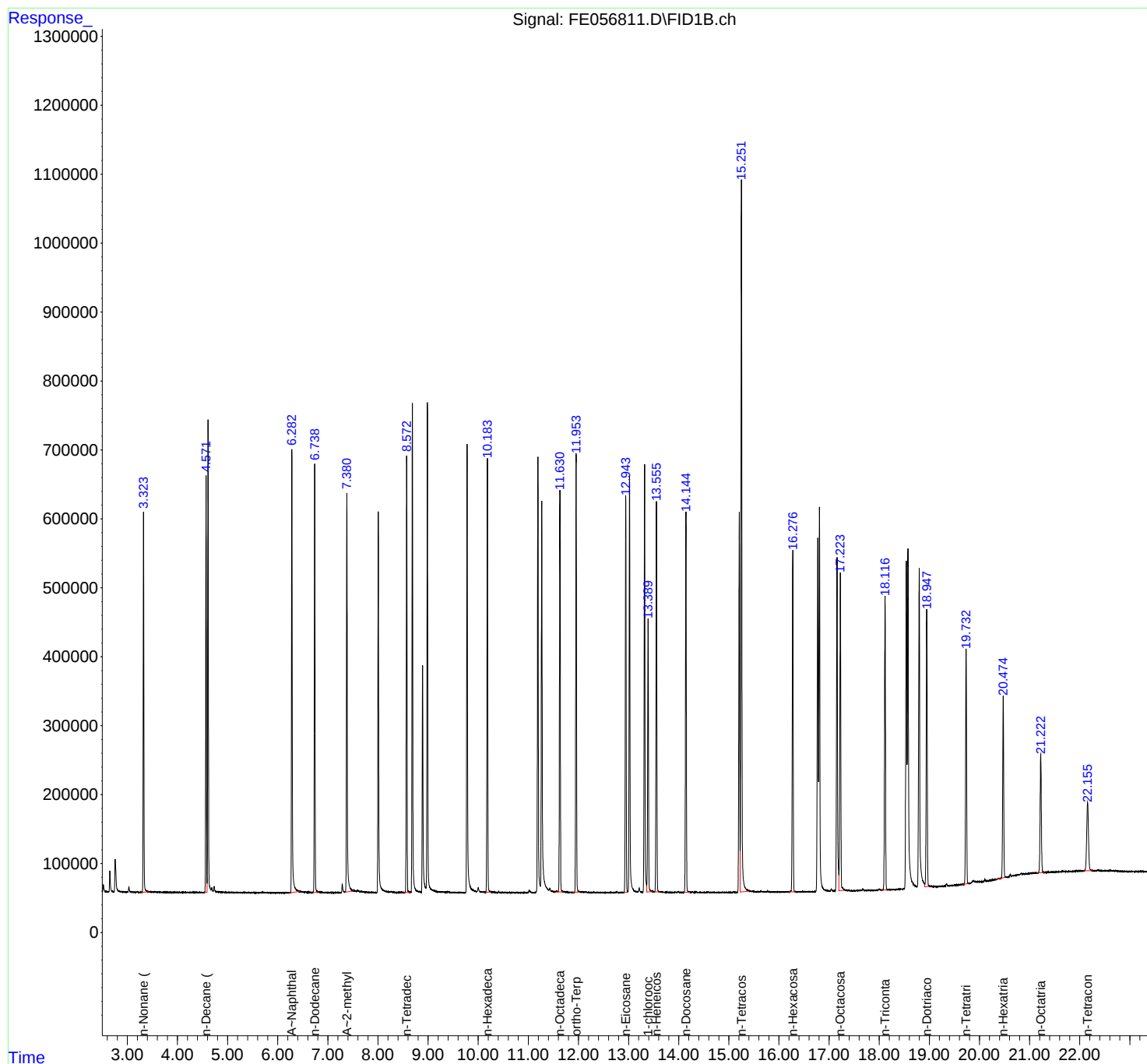
Instrument :
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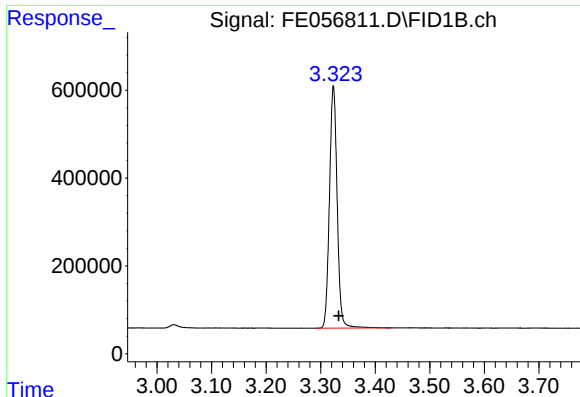
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#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.010 min
Response: 5394863
Conc: 32.12 ug/ml

Instrument :

FID_E

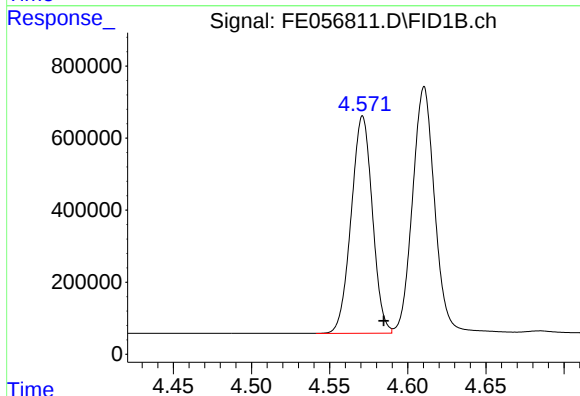
ClientSampleId :

PB170504BS

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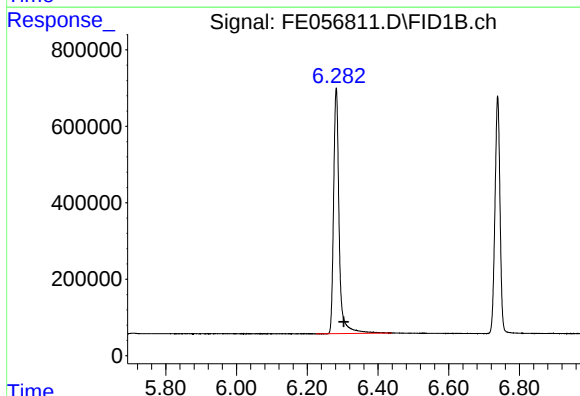
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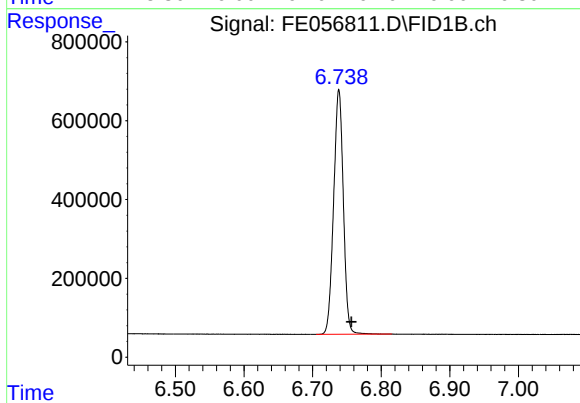
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.014 min
Response: 5700685
Conc: 33.22 ug/ml m



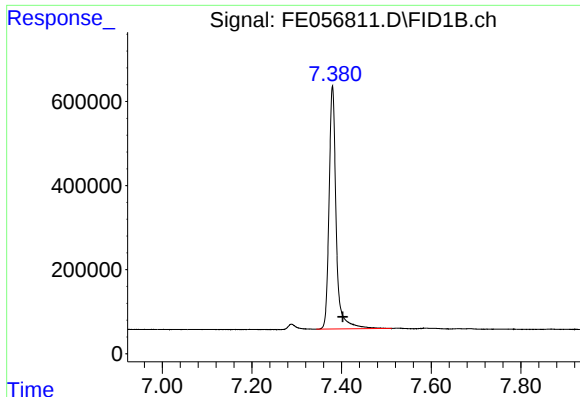
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.021 min
Response: 6967443
Conc: 37.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.018 min
Response: 6118898
Conc: 35.18 ug/ml



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

R.T.: 7.380 min
Delta R.T.: -0.023 min
Response: 6362036
Conc: 35.90 ug/ml

Instrument :

FID_E

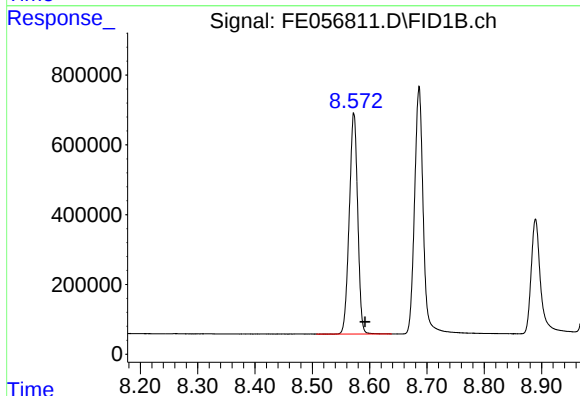
ClientSampleId :

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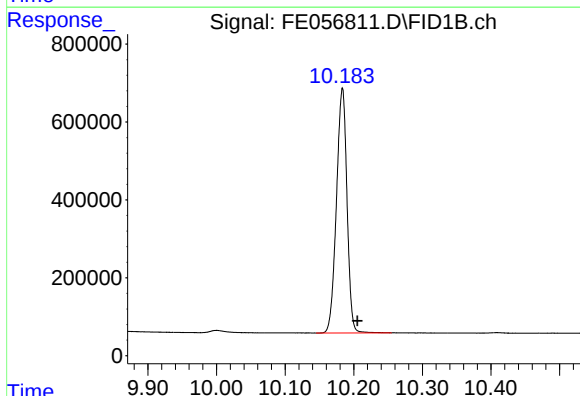
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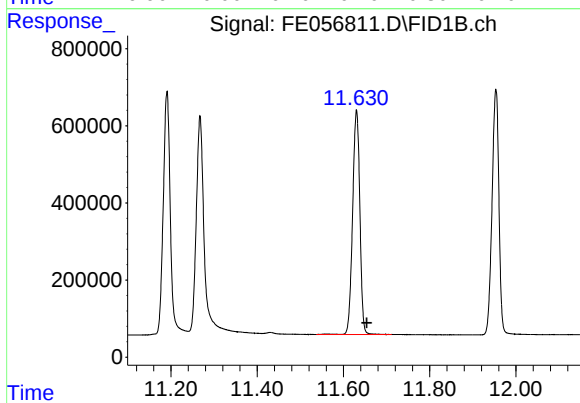
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.020 min
Response: 6460555
Conc: 37.01 ug/ml



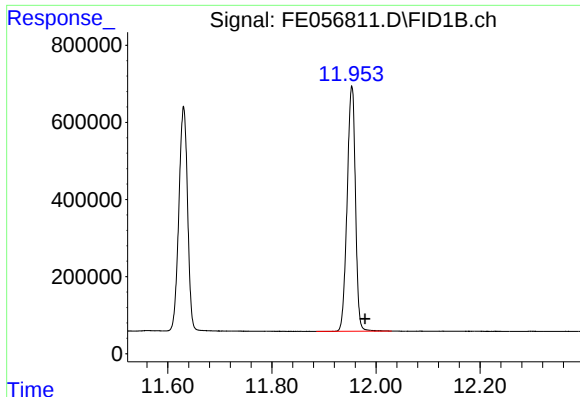
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.022 min
Response: 6697941
Conc: 36.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.024 min
Response: 6769506
Conc: 35.77 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: -0.025 min
Response: 7033482
Conc: 33.67 ug/ml

Instrument :

FID_E

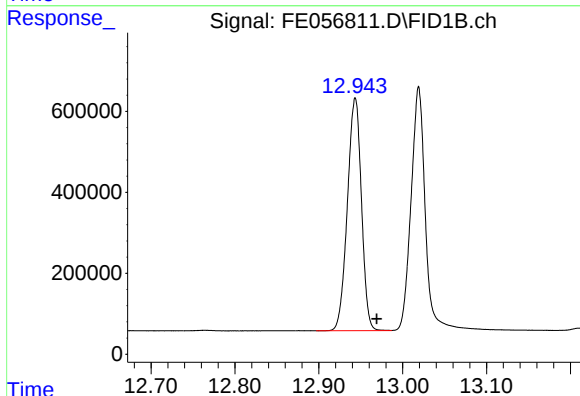
ClientSampleId :

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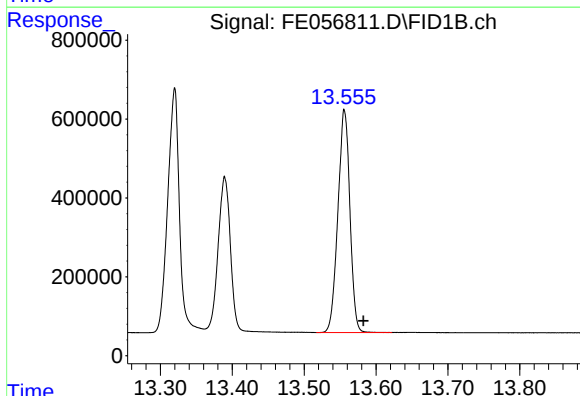
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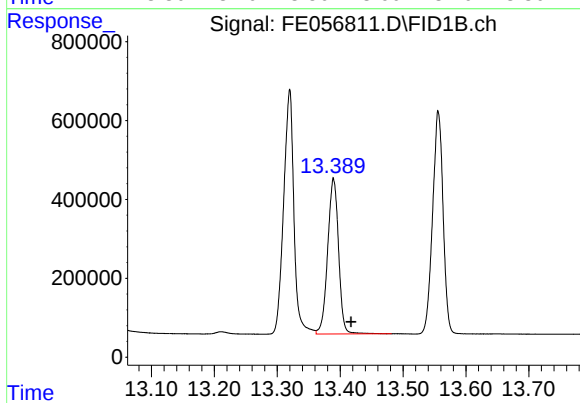
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.026 min
Response: 6692797
Conc: 35.91 ug/ml



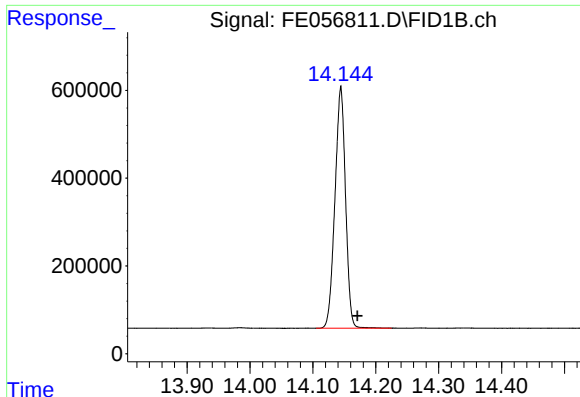
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.026 min
Response: 6543581
Conc: 35.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: -0.028 min
Response: 4750402
Conc: 29.48 ug/ml



#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.026 min
Response: 6430873
Conc: 34.35 ug/ml

Instrument :

FID_E

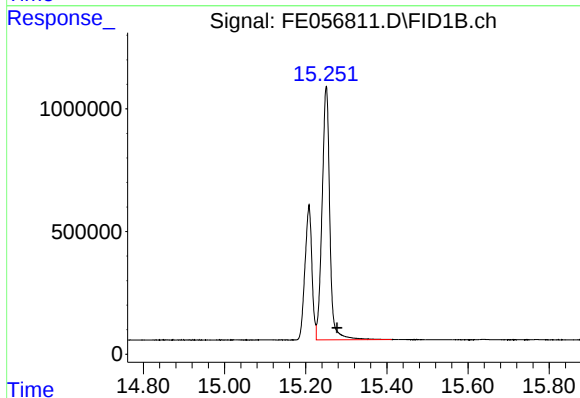
ClientSampleId :

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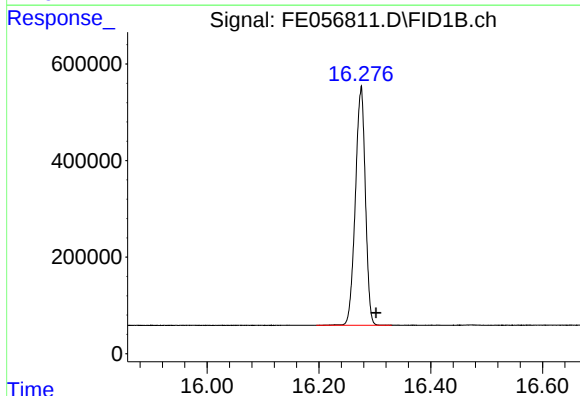
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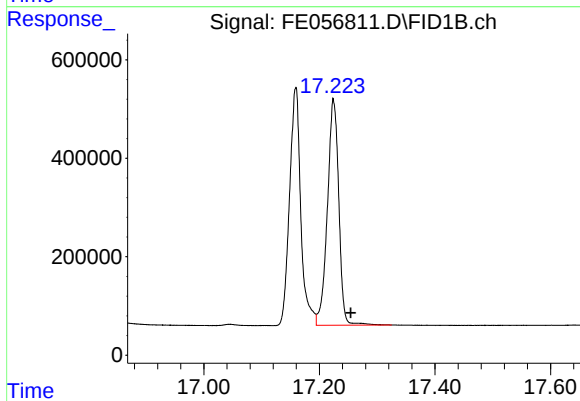
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.027 min
Response: 13649000
Conc: 69.69 ug/ml



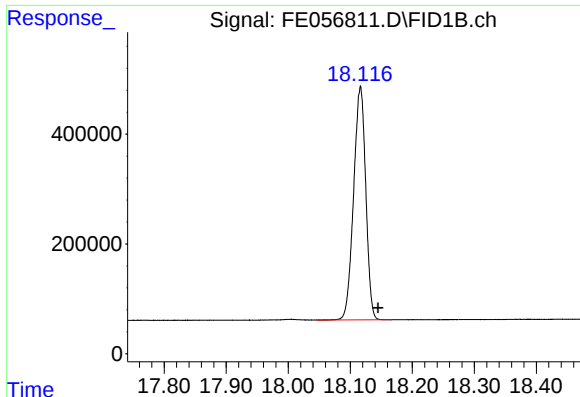
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.027 min
Response: 6115628
Conc: 31.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.030 min
Response: 6306541
Conc: 32.56 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.029 min
Response: 5770936
Conc: 28.78 ug/ml

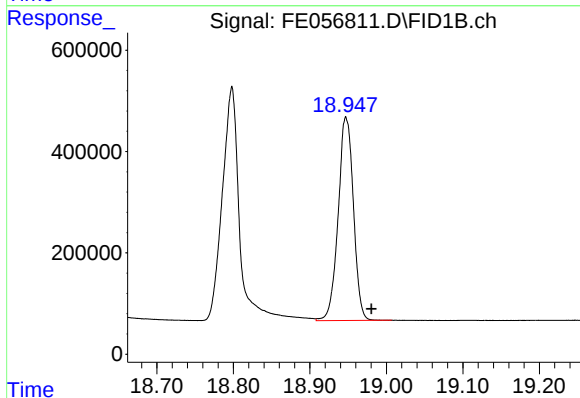
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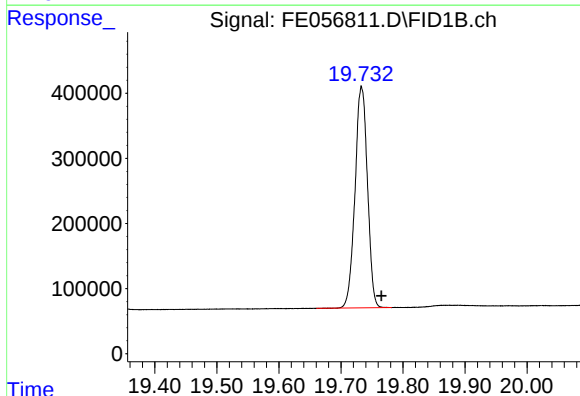
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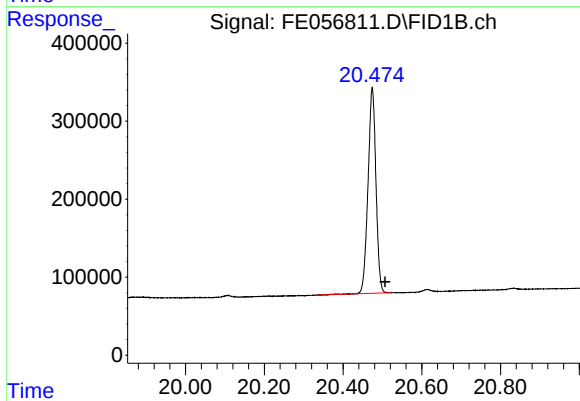
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.033 min
Response: 5572545
Conc: 28.34 ug/ml



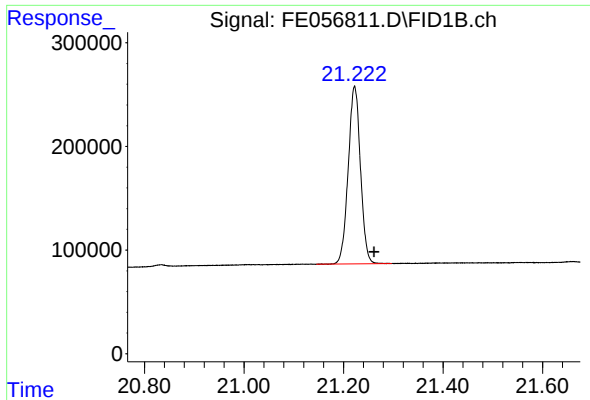
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.032 min
Response: 4733302
Conc: 27.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: -0.033 min
Response: 3686666
Conc: 25.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.039 min
Response: 2923142
Conc: 23.23 ug/ml

Instrument :

FID_E

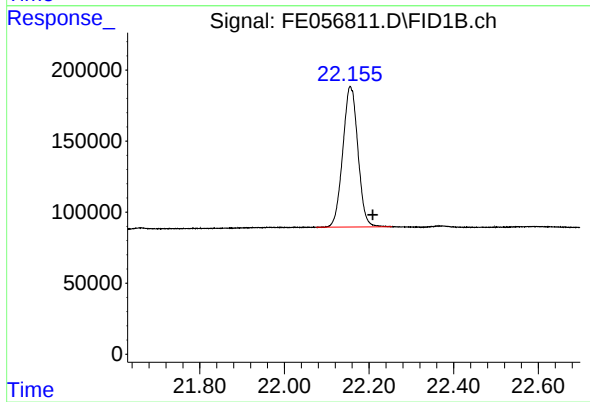
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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: -0.053 min
Response: 2456004
Conc: 21.24 ug/ml