

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102925AL\
 Data File : FE056570.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2025 16:39
 Operator : YP\AJ
 Sample : Q3480-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT3449MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File: sample.E
 Quant Time: Oct 30 01:30:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.981	5676663	27.787 ug/ml
Spiked Amount 50.000		Recovery =	55.57%
12) S 1-chlorooctadecane (S...	13.420	4494199	29.455 ug/ml
Spiked Amount 50.000		Recovery =	58.91%
Target Compounds			
1) T n-Nonane (C9)	3.335	3164300	19.413 ug/ml
2) T n-Decane (C10)	4.589	3494003	21.246 ug/mlm
3) T A~Naphthalene (C11.7)	6.302	4295999	24.302 ug/ml
4) T n-Dodecane (C12)	6.761	3785276	22.561 ug/ml
5) T A~2-methylnaphthalene...	7.401	4003487	24.027 ug/ml
6) T n-Tetradecane (C14)	8.598	4093317	24.639 ug/ml
7) T n-Hexadecane (C16)	10.210	4303026	24.595 ug/ml
8) T n-Octadecane (C18)	11.659	4383235	24.029 ug/ml
10) T n-Eicosane (C20)	12.972	4372203	24.556 ug/ml
11) T n-Heneicosane (C21)	13.586	4280293	24.396 ug/ml
13) T n-Docosane (C22)	14.174	4228585	23.889 ug/ml
14) T n-Tetracosane (C24)	15.276	8904140	48.941 ug/ml
15) T n-Hexacosane (C26)	16.306	4082052	22.740 ug/ml
16) T n-Octacosane (C28)	17.255	4021439	22.605 ug/mlm
17) T n-Tricontane (C30)	18.148	3952515	21.770 ug/ml
18) T n-Dotriacontane (C32)	18.981	3875993	21.985 ug/ml
19) T n-Tetratriacontane (C34)	19.766	3727419	24.079 ug/ml
20) T n-Hexatriacontane (C36)	20.506	3584042	28.688 ug/mlm
21) T n-Octatriacontane (C38)	21.263	3462102	33.136 ug/ml
22) T n-Tetracontane (C40)	22.211	3554557	39.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q3480-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

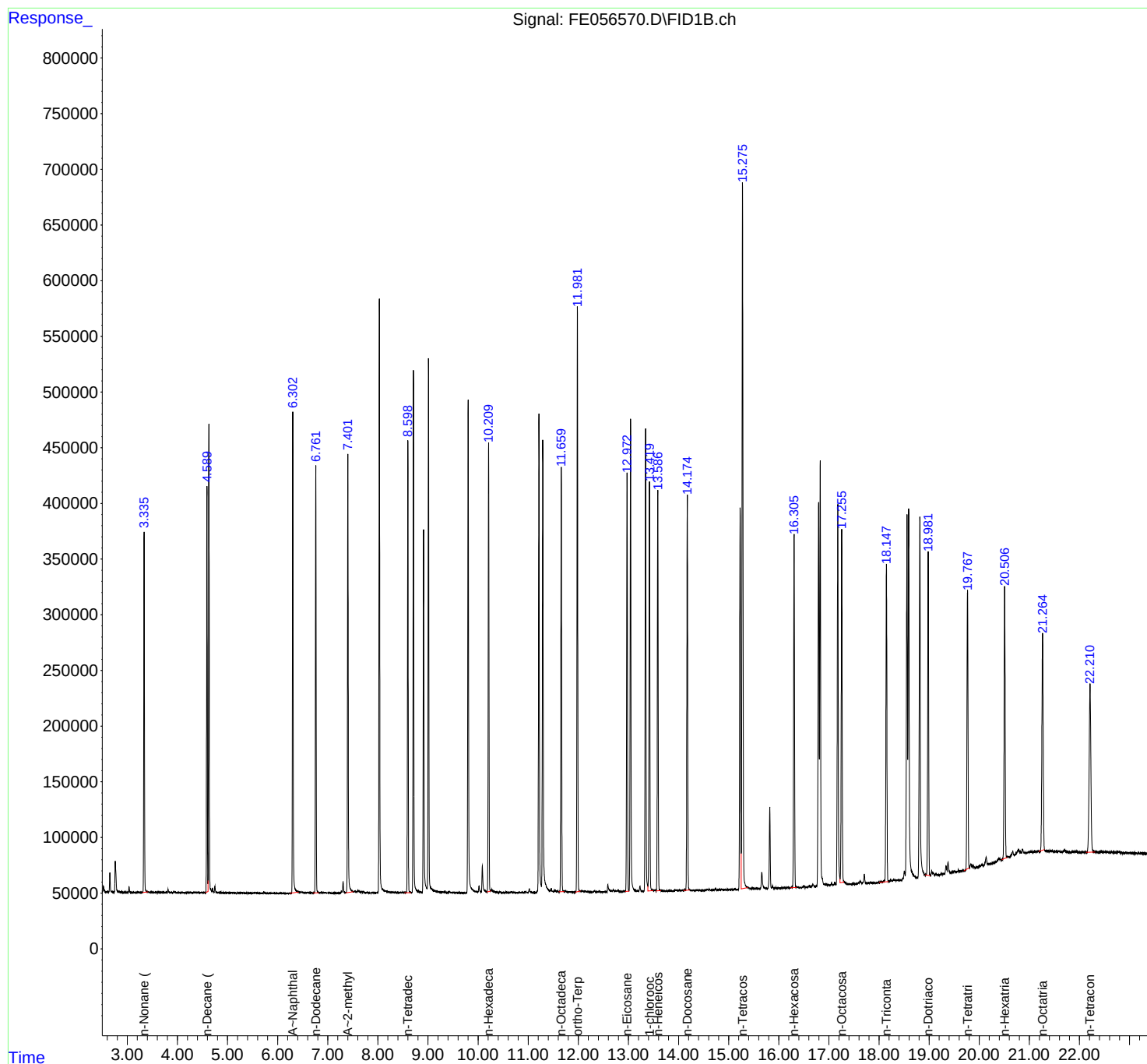
Instrument :
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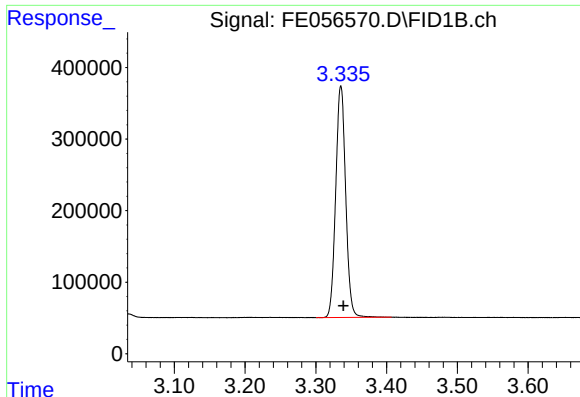
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: -0.004 min
Response: 3164300
Conc: 19.41 ug/ml

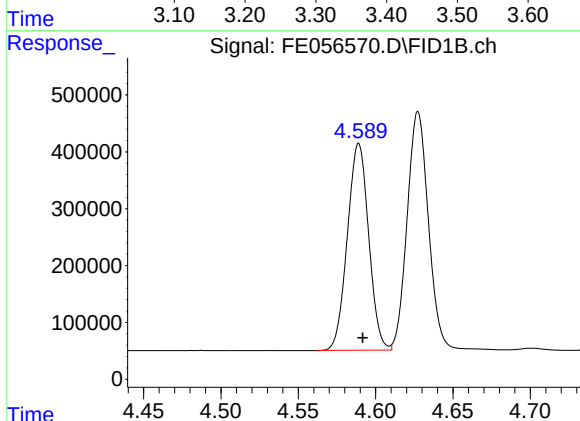
Instrument :

FID_E

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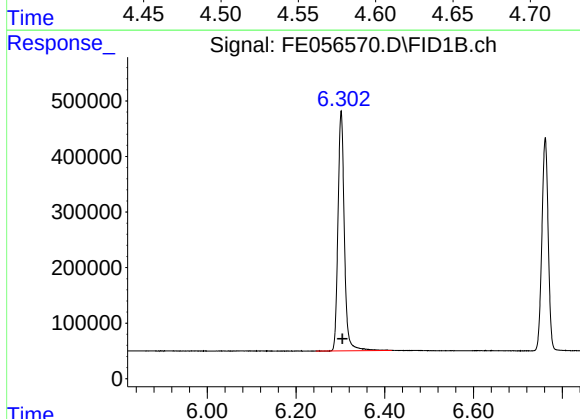
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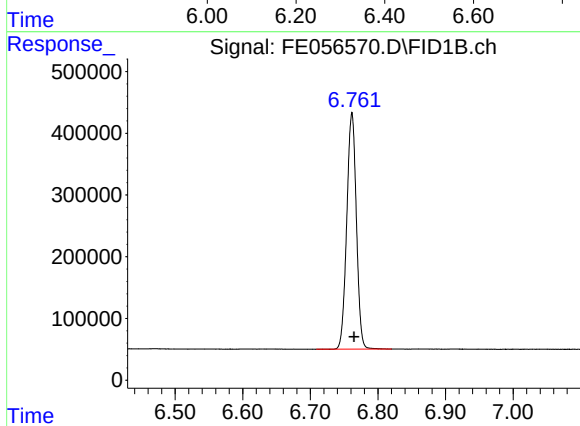
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.003 min
Response: 3494003
Conc: 21.25 ug/ml m



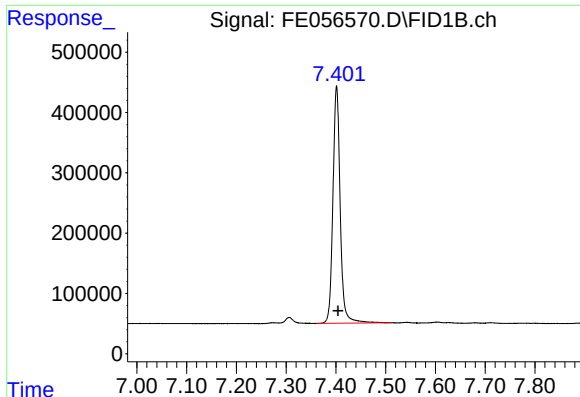
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 4295999
Conc: 24.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 3785276
Conc: 22.56 ug/ml



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

R.T.: 7.401 min
Delta R.T.: -0.003 min
Response: 4003487
Conc: 24.03 ug/ml

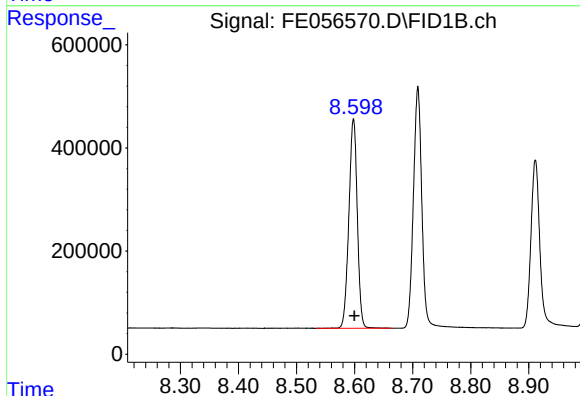
Instrument :

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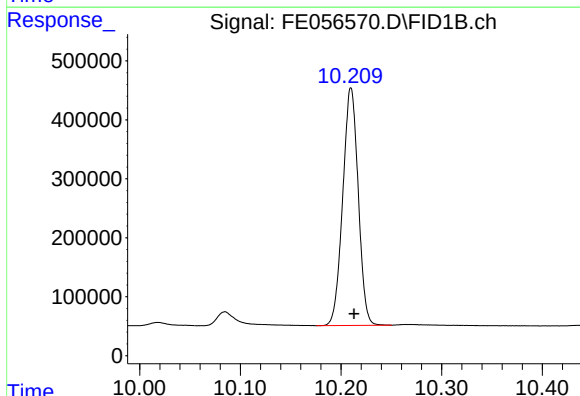
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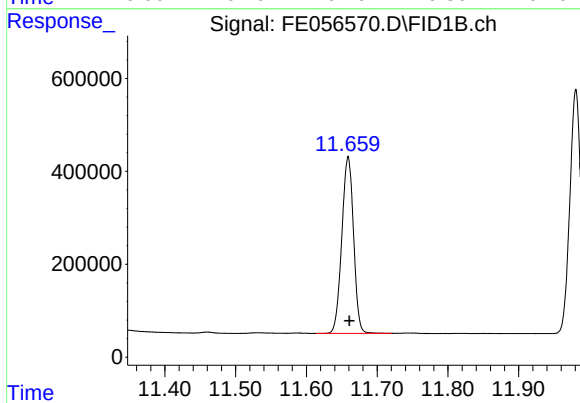
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.001 min
Response: 4093317
Conc: 24.64 ug/ml



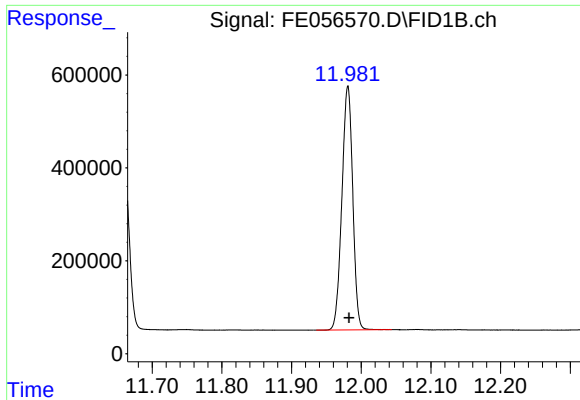
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.003 min
Response: 4303026
Conc: 24.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: -0.002 min
Response: 4383235
Conc: 24.03 ug/ml



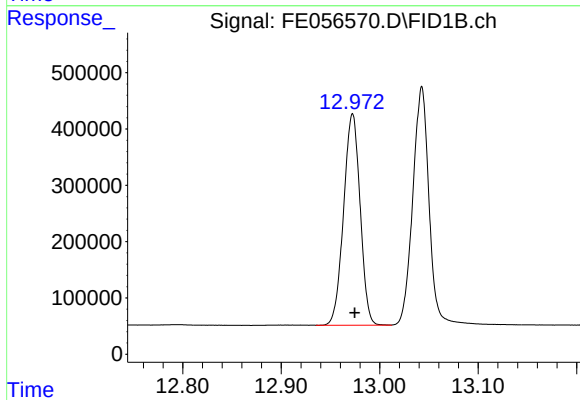
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: -0.002 min
Response: 5676663
Conc: 27.79 ug/ml

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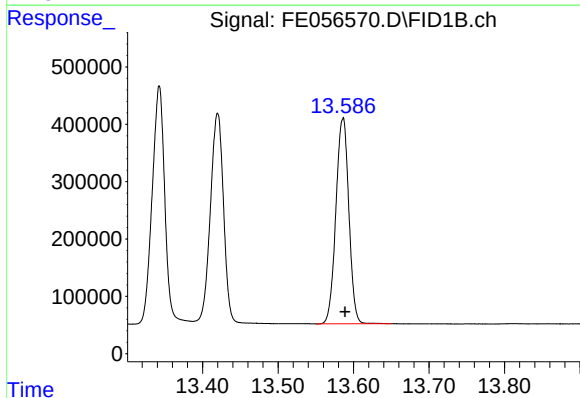
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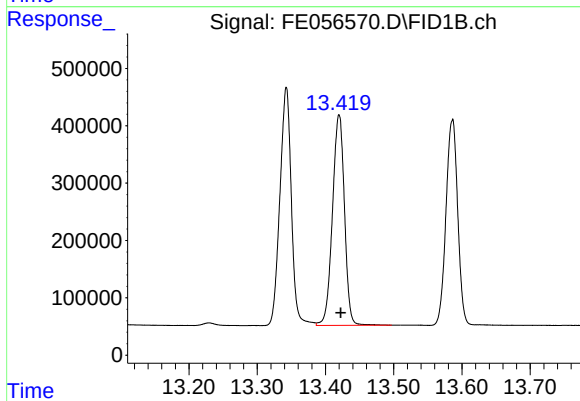
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 4372203
Conc: 24.56 ug/ml



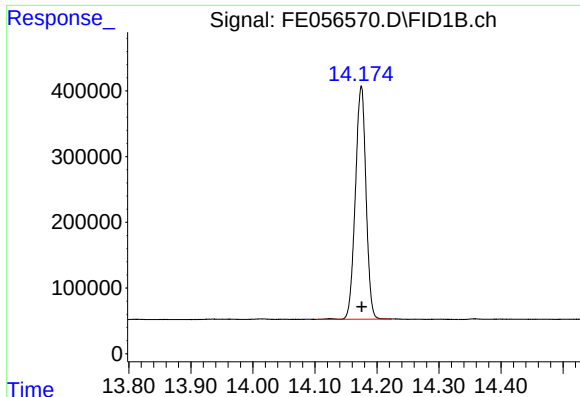
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: -0.003 min
Response: 4280293
Conc: 24.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: -0.002 min
Response: 4494199
Conc: 29.45 ug/ml



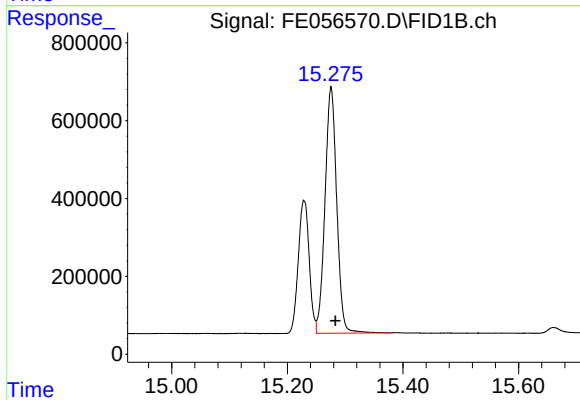
#13 n-Docosane (C22)

R.T.: 14.174 min
Delta R.T.: -0.001 min
Response: 4228585
Conc: 23.89 ug/ml

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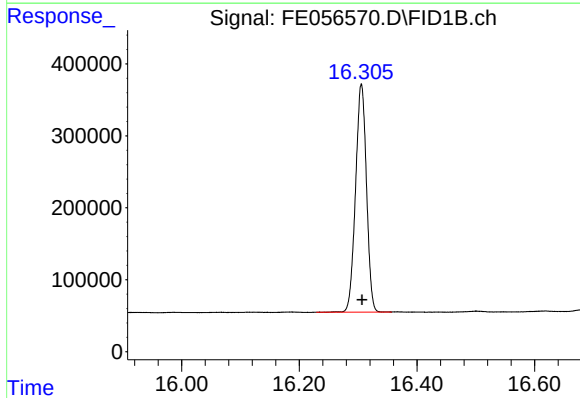
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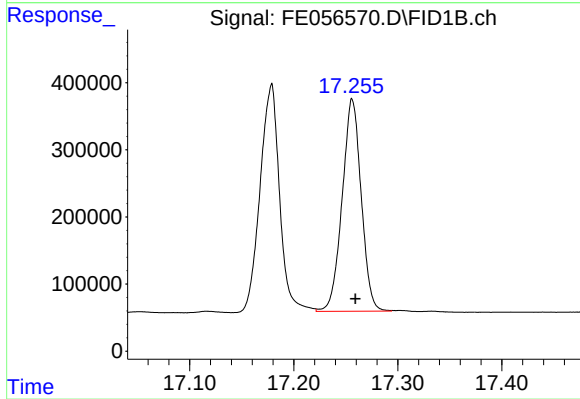
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: -0.008 min
Response: 8904140
Conc: 48.94 ug/ml



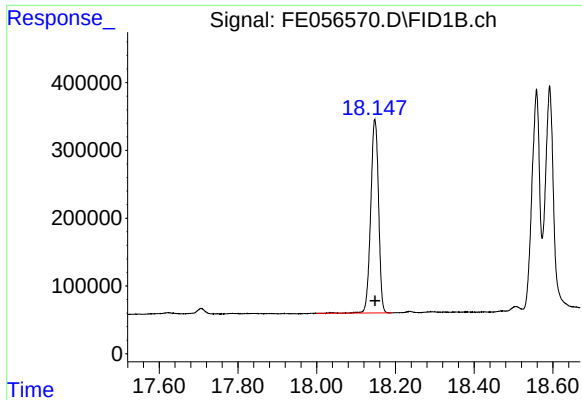
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: -0.001 min
Response: 4082052
Conc: 22.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: -0.004 min
Response: 4021439
Conc: 22.61 ug/ml m



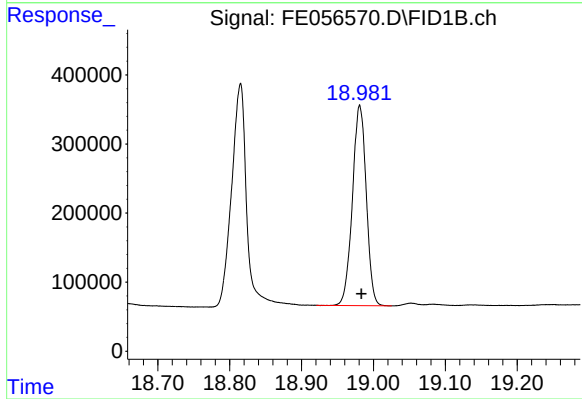
#17 n-Tricontane (C30)

R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 3952515
Conc: 21.77 ug/ml

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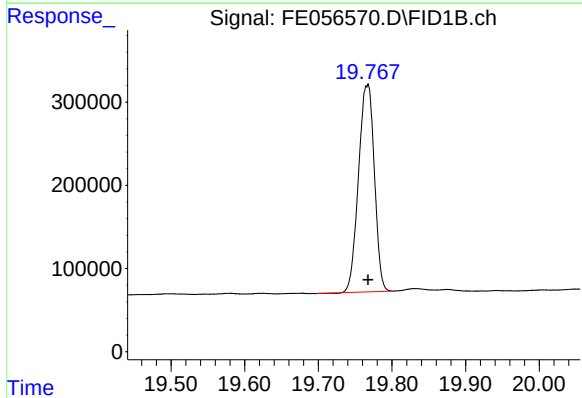
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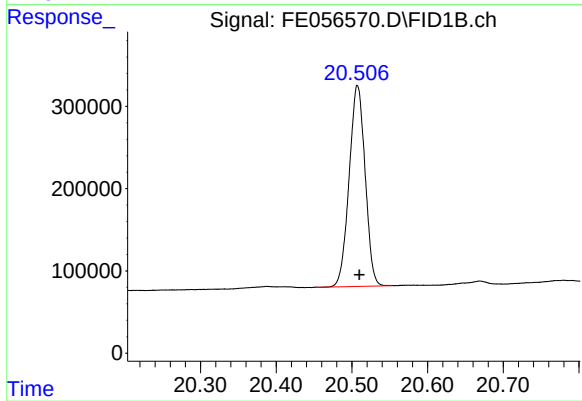
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: -0.002 min
Response: 3875993
Conc: 21.99 ug/ml



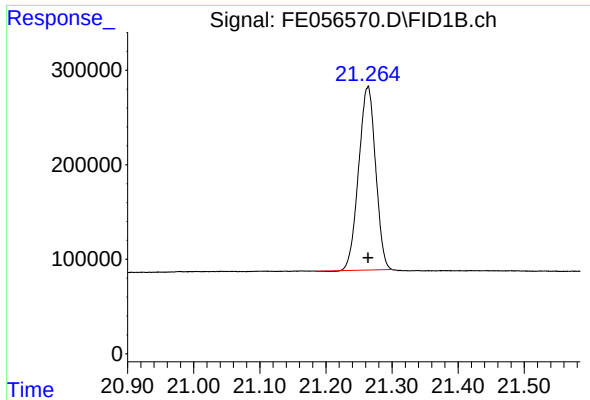
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: -0.001 min
Response: 3727419
Conc: 24.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.506 min
Delta R.T.: -0.003 min
Response: 3584042
Conc: 28.69 ug/ml m



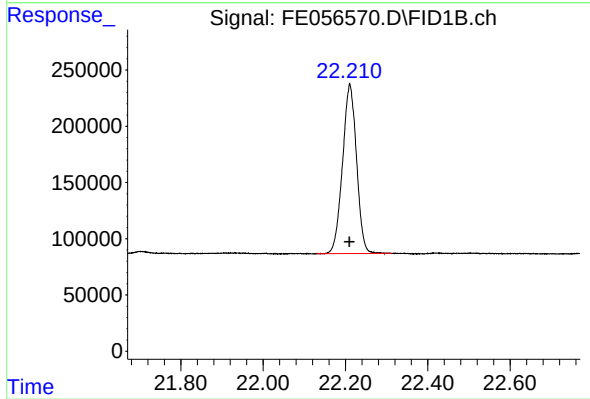
#21 n-Octatriacontane (C38)

R.T.: 21.263 min
Delta R.T.: 0.000 min
Response: 3462102
Conc: 33.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.000 min
Response: 3554557
Conc: 39.17 ug/ml