

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111425AL\
 Data File : FE056858.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2025 20:55
 Operator : YP\AJ
 Sample : Q3633-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ETGI-342MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/17/2025
 Supervised By :mohammad ahmed 11/18/2025

Integration File: autoint1.e
 Quant Time: Nov 14 22:03:33 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)	11.951	6125483	29.321 ug/ml
Spiked Amount 50.000		Recovery =	58.64%
12) S 1-chlorooctadecane (S...	13.388	4213826	26.154 ug/ml
Spiked Amount 50.000		Recovery =	52.31%
Target Compounds			
1) T n-Nonane (C9)	3.309	3059534	18.215 ug/ml
2) T n-Decane (C10)	4.563	3631944	21.166 ug/mlm
3) T A~Naphthalene (C11.7)	6.278	4581492	24.821 ug/ml
4) T n-Dodecane (C12)	6.735	4200083	24.148 ug/ml
5) T A~2-methylnaphthalene...	7.378	4345861	24.522 ug/ml
6) T n-Tetradecane (C14)	8.570	4549426	26.063 ug/ml
7) T n-Hexadecane (C16)	10.181	4589948	25.088 ug/ml
8) T n-Octadecane (C18)	11.629	4598268	24.295 ug/ml
10) T n-Eicosane (C20)	12.941	4631753	24.853 ug/ml
11) T n-Heneicosane (C21)	13.555	4496076	24.451 ug/ml
13) T n-Docosane (C22)	14.142	4439412	23.715 ug/ml
14) T n-Tetracosane (C24)	15.248	9830835	50.192 ug/ml
15) T n-Hexacosane (C26)	16.273	4306624	22.161 ug/ml
16) T n-Octacosane (C28)	17.224	4432330	22.887 ug/mlm
17) T n-Tricontane (C30)	18.115	4077220	20.336 ug/ml
18) T n-Dotriacontane (C32)	18.947	4189105	21.302 ug/ml
19) T n-Tetratriacontane (C34)	19.732	3987054	23.099 ug/ml
20) T n-Hexatriacontane (C36)	20.475	3802972	26.290 ug/ml
21) T n-Octatriacontane (C38)	21.223	3715393	29.520 ug/ml
22) T n-Tetracontane (C40)	22.159	3761764	32.537 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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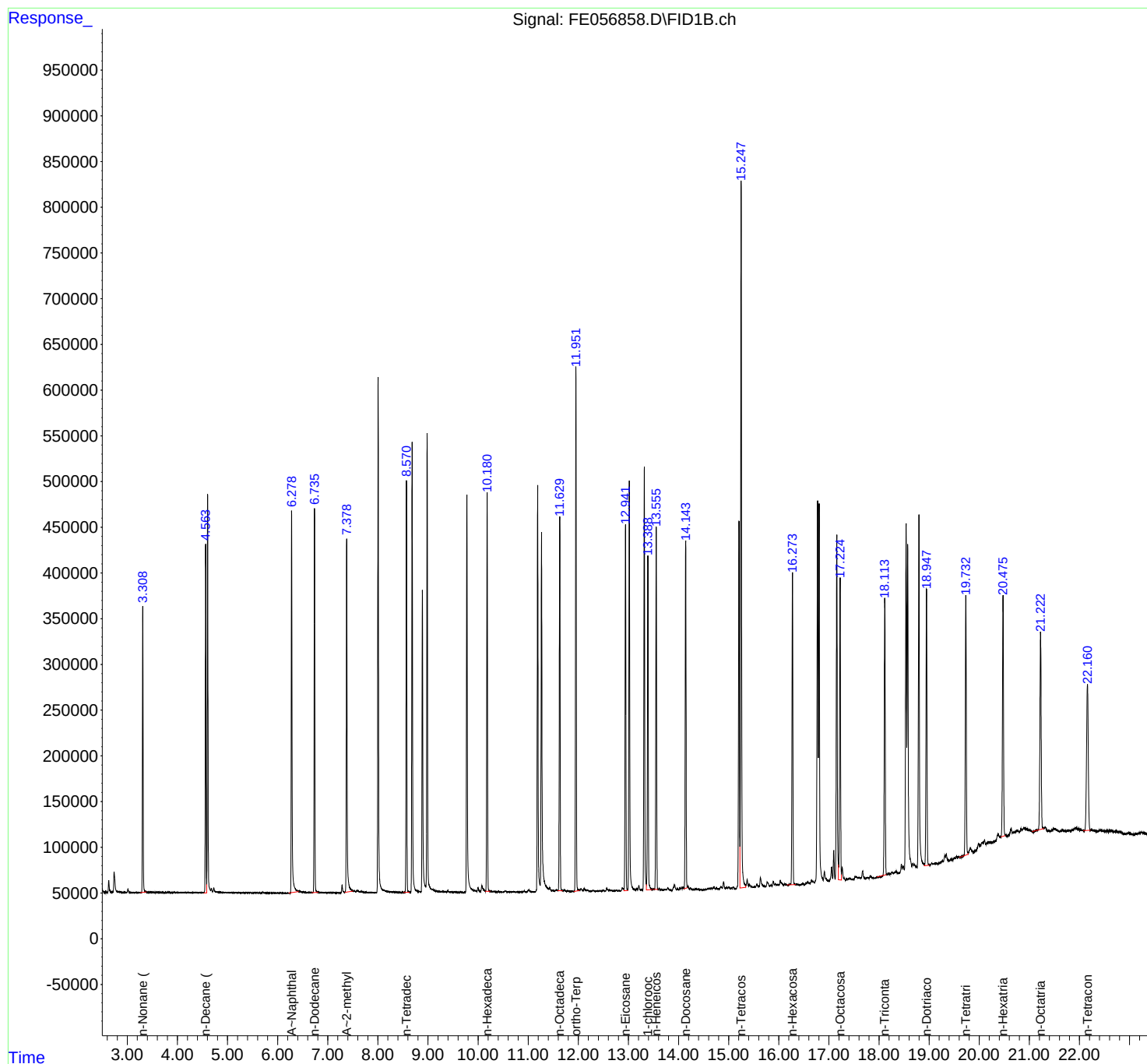
Instrument :
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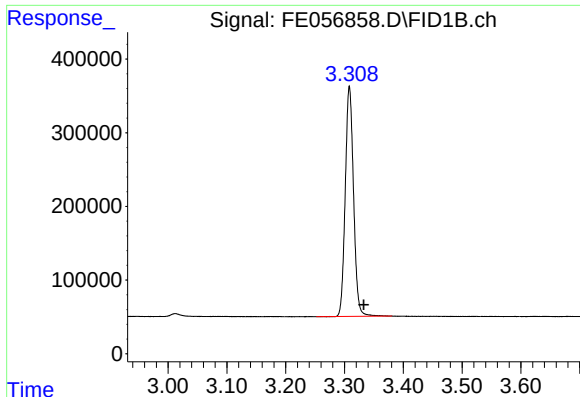
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#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.024 min
Response: 3059534
Conc: 18.22 ug/ml

Instrument :

FID_E

ClientSampleId :

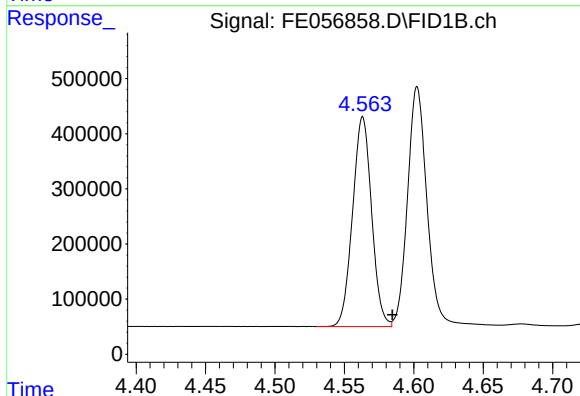
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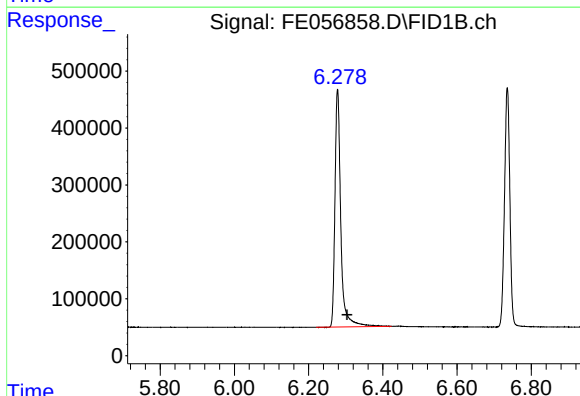
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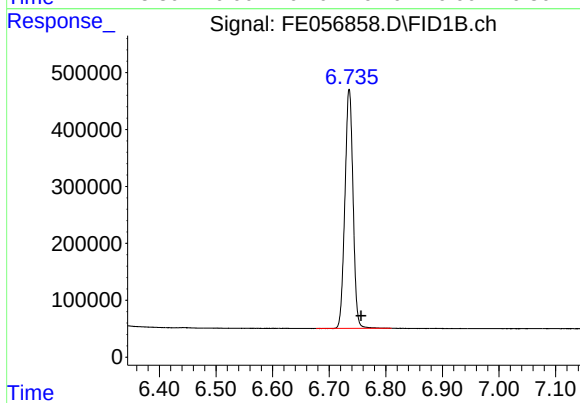
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.022 min
Response: 3631944
Conc: 21.17 ug/ml m



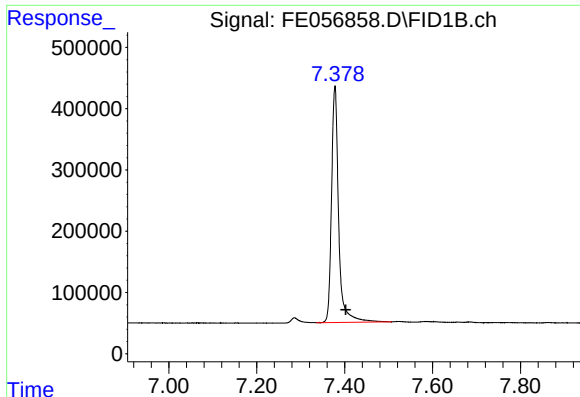
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.025 min
Response: 4581492
Conc: 24.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.735 min
Delta R.T.: -0.021 min
Response: 4200083
Conc: 24.15 ug/ml



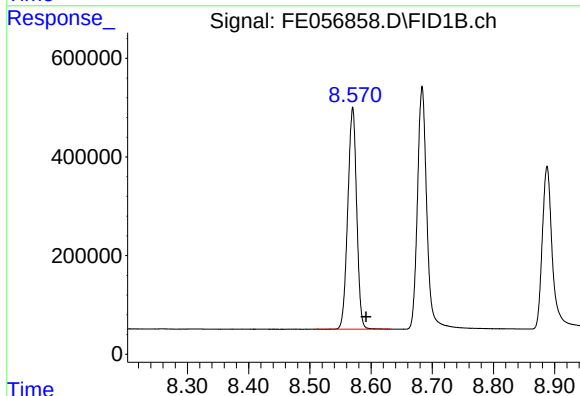
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.025 min
Response: 4345861
Conc: 24.52 ug/ml

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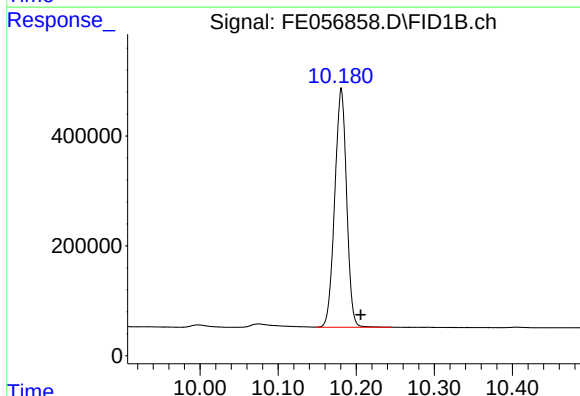
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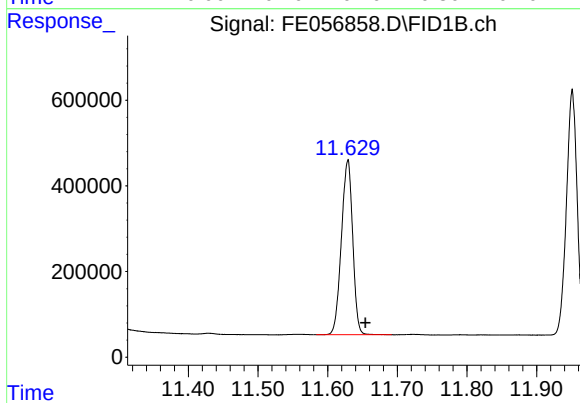
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.022 min
Response: 4549426
Conc: 26.06 ug/ml



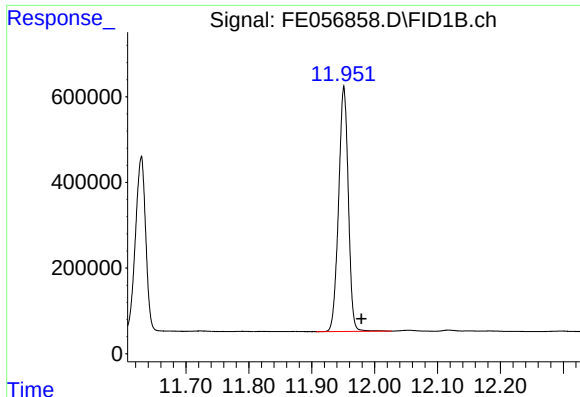
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.025 min
Response: 4589948
Conc: 25.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: -0.026 min
Response: 4598268
Conc: 24.29 ug/ml



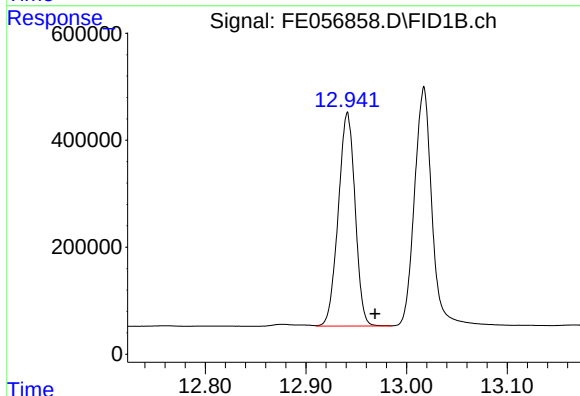
#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: -0.028 min
Response: 6125483
Conc: 29.32 ug/ml

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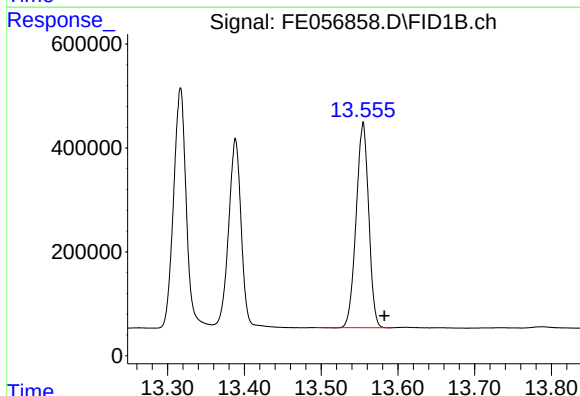
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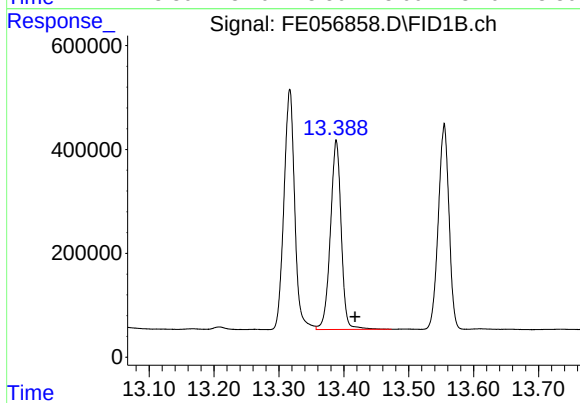
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.028 min
Response: 4631753
Conc: 24.85 ug/ml



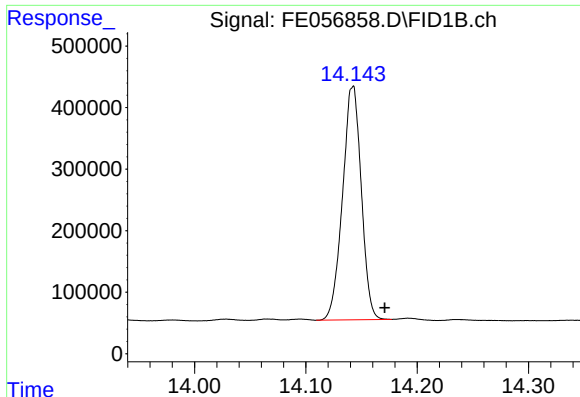
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.028 min
Response: 4496076
Conc: 24.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: -0.029 min
Response: 4213826
Conc: 26.15 ug/ml



#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: -0.029 min
Response: 4439412
Conc: 23.71 ug/ml

Instrument :

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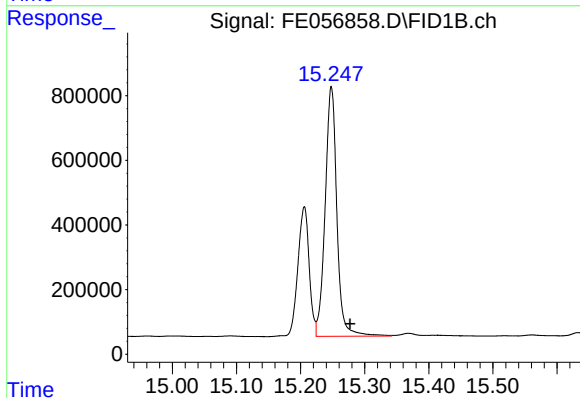
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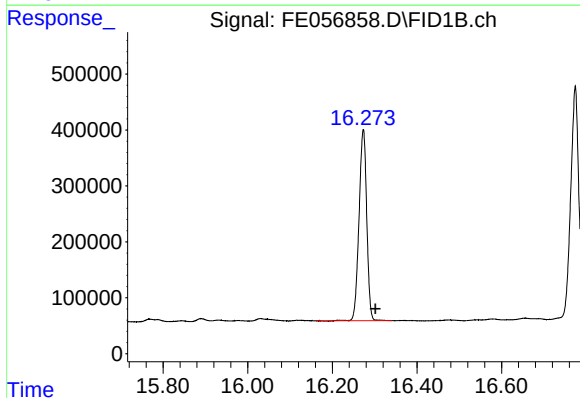
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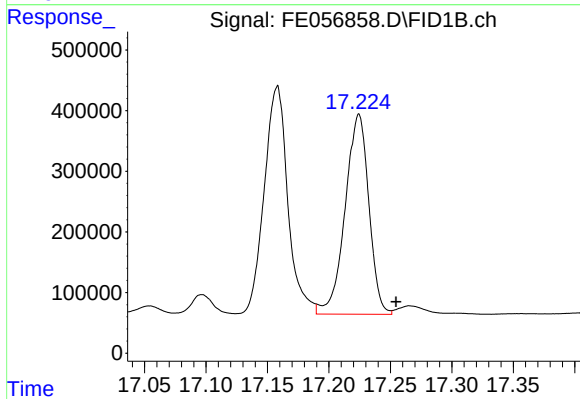
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 9830835
Conc: 50.19 ug/ml



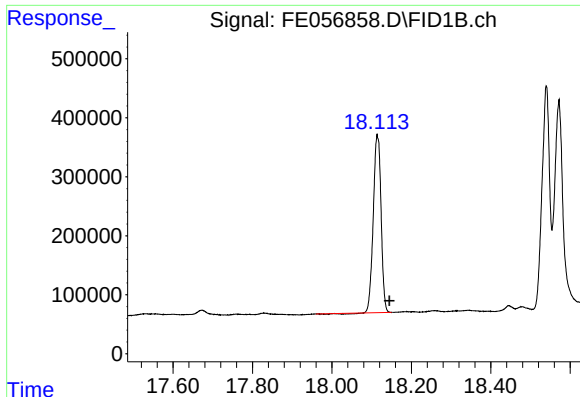
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.029 min
Response: 4306624
Conc: 22.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.030 min
Response: 4432330
Conc: 22.89 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.030 min
Response: 4077220
Conc: 20.34 ug/ml

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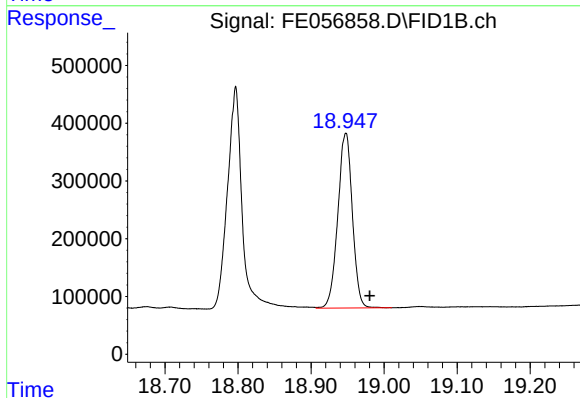
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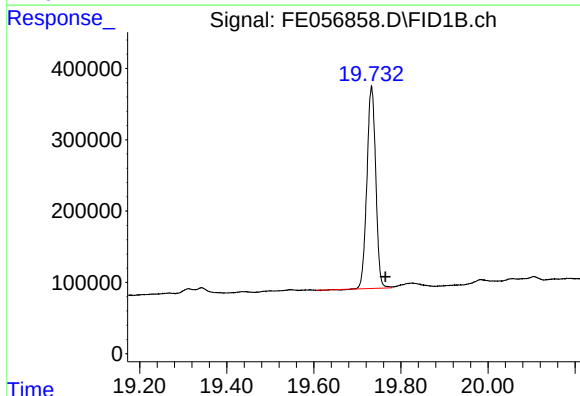
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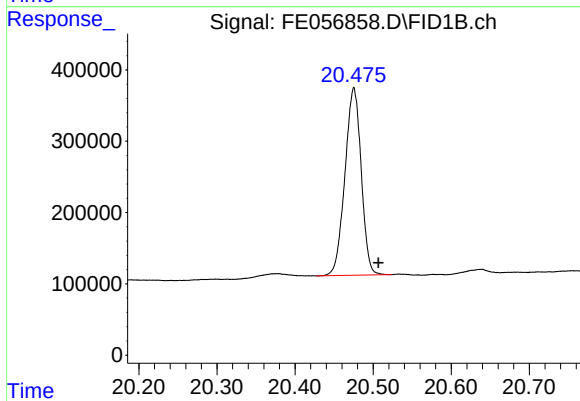
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.033 min
Response: 4189105
Conc: 21.30 ug/ml



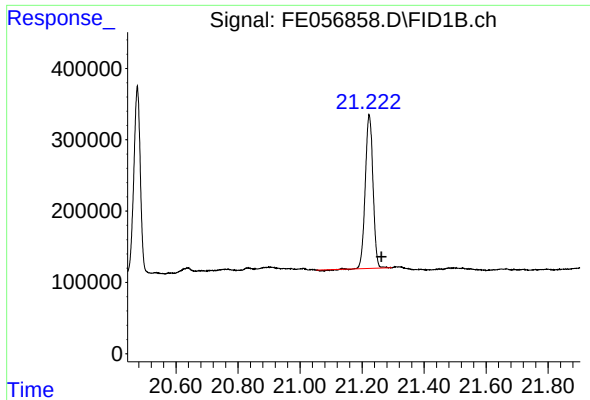
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.032 min
Response: 3987054
Conc: 23.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: -0.032 min
Response: 3802972
Conc: 26.29 ug/ml



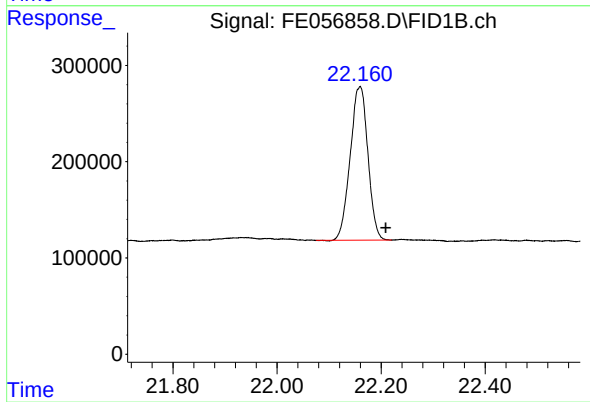
#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.039 min
Response: 3715393
Conc: 29.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: -0.050 min
Response: 3761764
Conc: 32.54 ug/ml