

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111125AL\
 Data File : FE056760.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2025 06:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Yogesh Patel 11/12/2025

Integration File: sample.E
 Quant Time: Nov 12 07:11:48 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)	11.955	4180338	20.010 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	13.393	3173901	19.699 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T n-Nonane (C9)	3.318	3572338	21.269 ug/ml
2) T n-Decane (C10)	4.569	3748016	21.842 ug/ml
3) T A~Naphthalene (C11.7)	6.284	3886485	21.055 ug/ml
4) T n-Dodecane (C12)	6.740	3861336	22.200 ug/ml
5) T A~2-methylnaphthalene...	7.383	3704035	20.900 ug/ml
6) T n-Tetradecane (C14)	8.574	3813324	21.846 ug/ml
7) T n-Hexadecane (C16)	10.186	3901909	21.327 ug/ml
8) T n-Octadecane (C18)	11.633	3925348	20.739 ug/ml
10) T n-Eicosane (C20)	12.945	3734428	20.038 ug/ml
11) T n-Heneicosane (C21)	13.558	3634085	19.763 ug/ml
13) T n-Docosane (C22)	14.146	3632564	19.405 ug/ml
14) T n-Tetracosane (C24)	15.252	3671258	18.744 ug/ml
15) T n-Hexacosane (C26)	16.275	3593965	18.493 ug/ml
16) T n-Octacosane (C28)	17.227	3563716	18.402 ug/mlm
17) T n-Tricontane (C30)	18.117	3739343	18.650 ug/ml
18) T n-Dotriacontane (C32)	18.952	3711917	18.876 ug/mlm
19) T n-Tetratriacontane (C34)	19.736	3410966	19.761 ug/mlm
20) T n-Hexatriacontane (C36)	20.476	3005822	20.779 ug/mlm
21) T n-Octatriacontane (C38)	21.226	2775160	22.049 ug/mlm
22) T n-Tetracontane (C40)	22.163	2750894	23.794 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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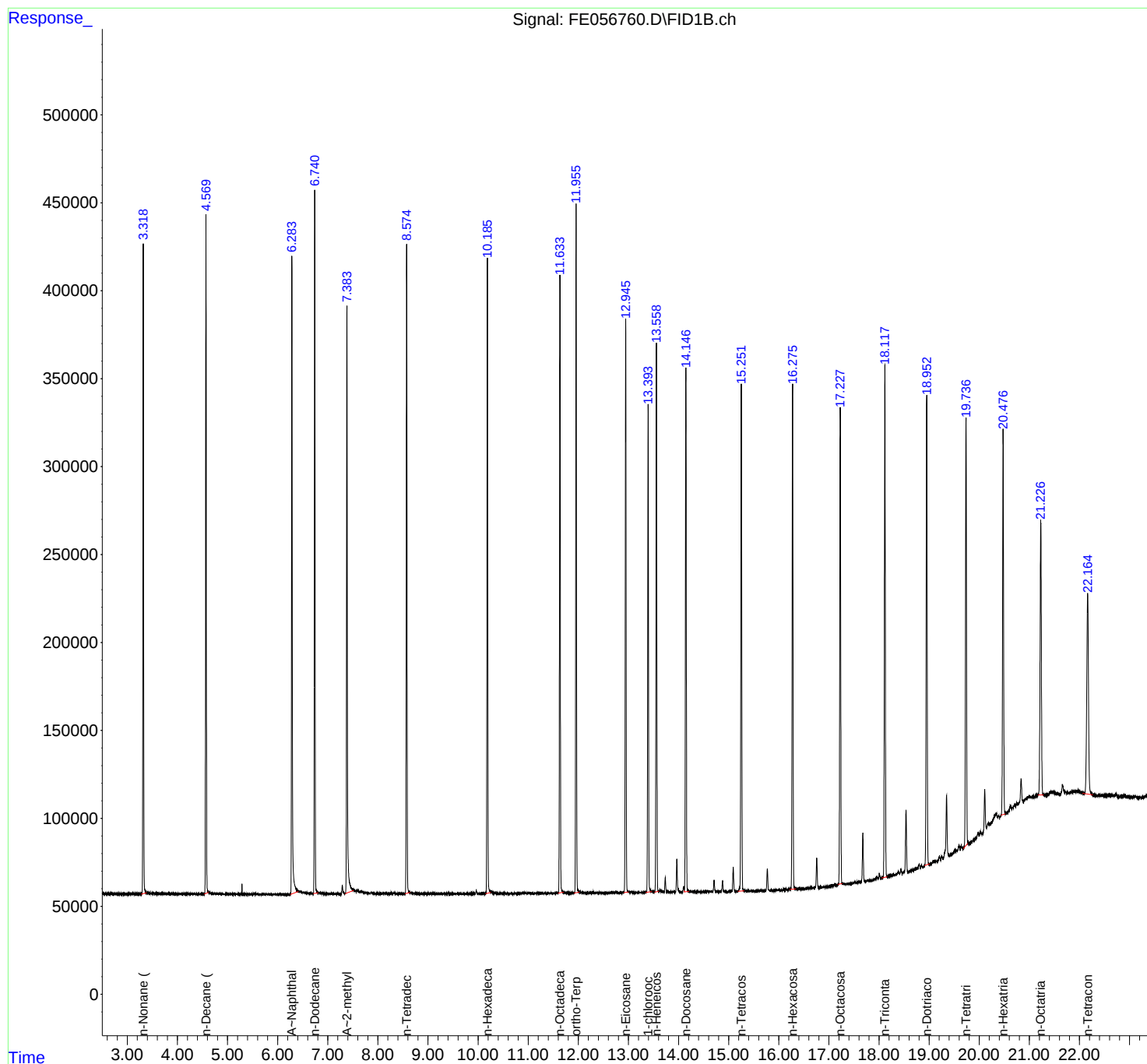
Instrument :
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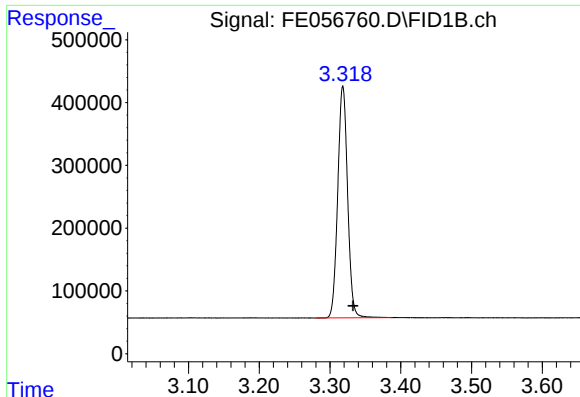
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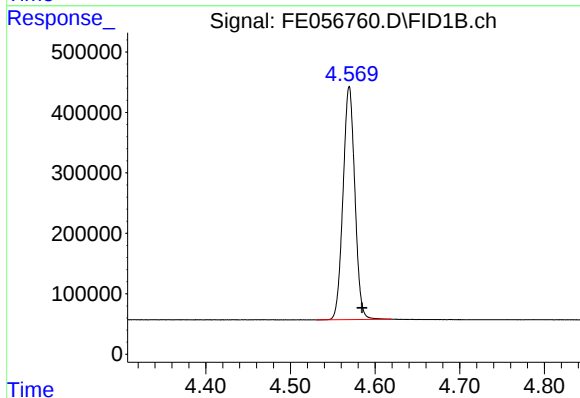
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: -0.015 min
Response: 3572338
Conc: 21.27 ug/ml

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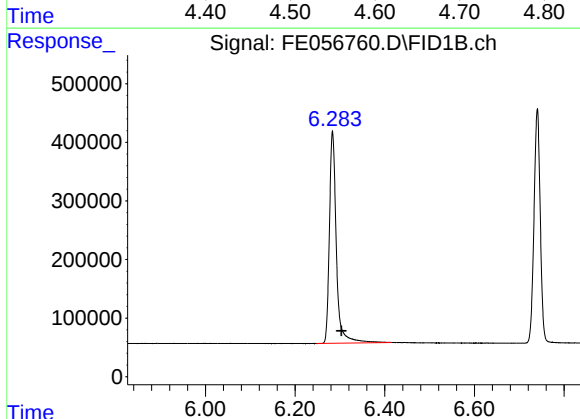
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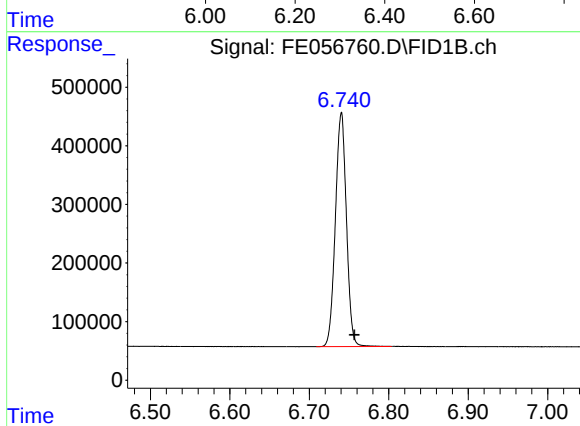
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.015 min
Response: 3748016
Conc: 21.84 ug/ml



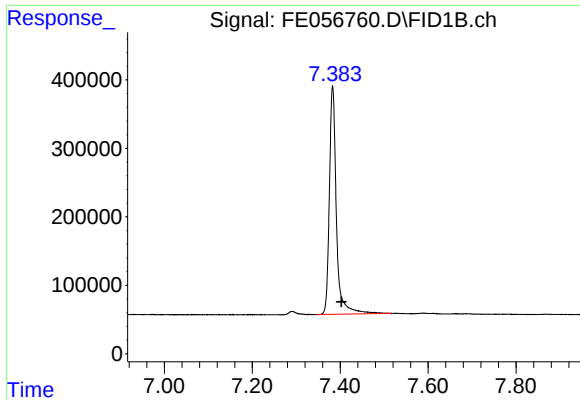
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.020 min
Response: 3886485
Conc: 21.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: -0.017 min
Response: 3861336
Conc: 22.20 ug/ml



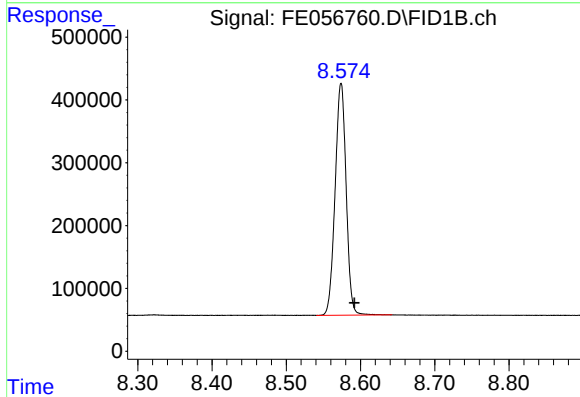
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: -0.020 min
Response: 3704035
Conc: 20.90 ug/ml

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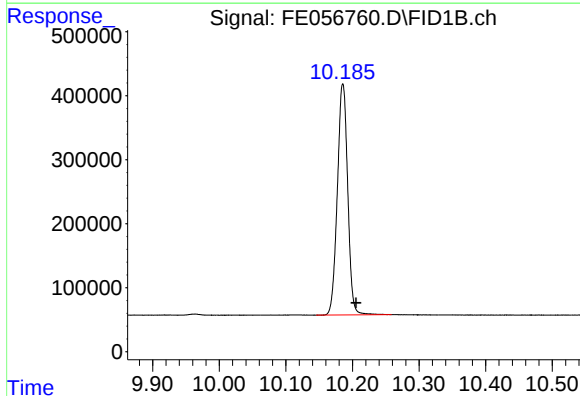
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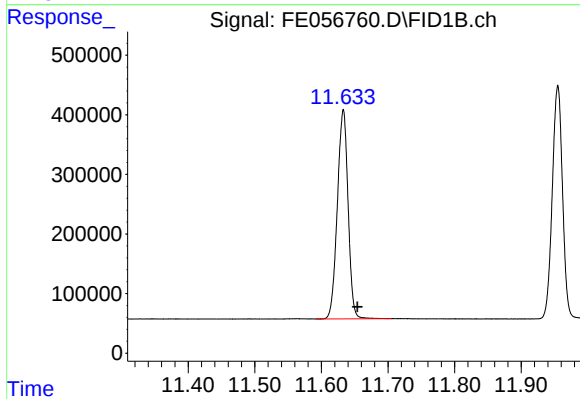
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: -0.018 min
Response: 3813324
Conc: 21.85 ug/ml



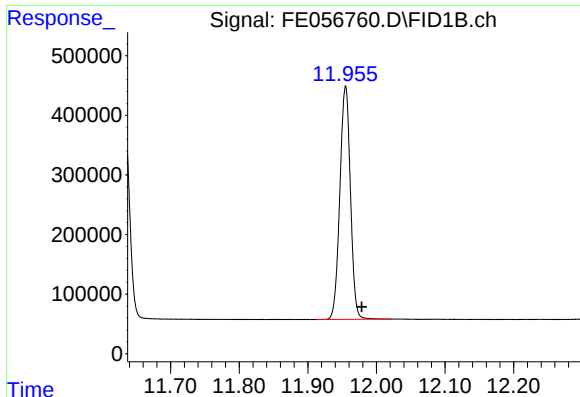
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.020 min
Response: 3901909
Conc: 21.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.022 min
Response: 3925348
Conc: 20.74 ug/ml



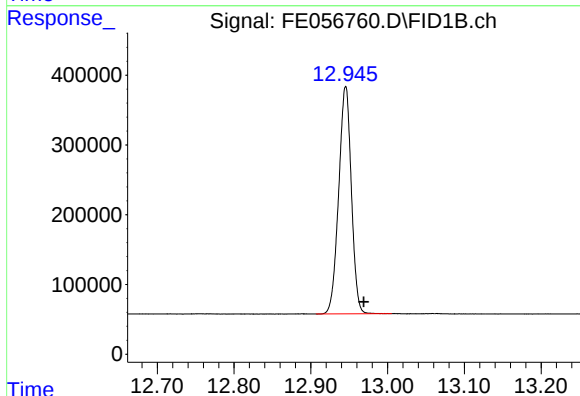
#9 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: -0.024 min
Response: 4180338
Conc: 20.01 ug/ml

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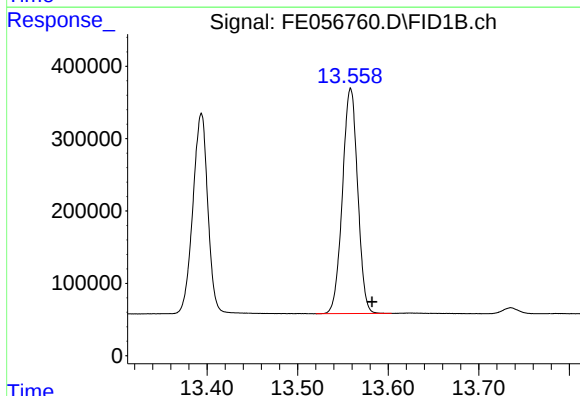
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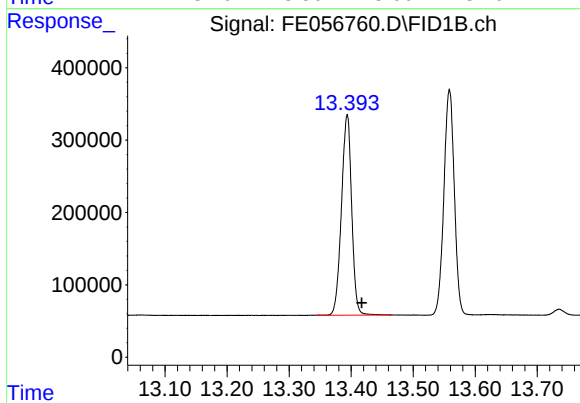
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.024 min
Response: 3734428
Conc: 20.04 ug/ml



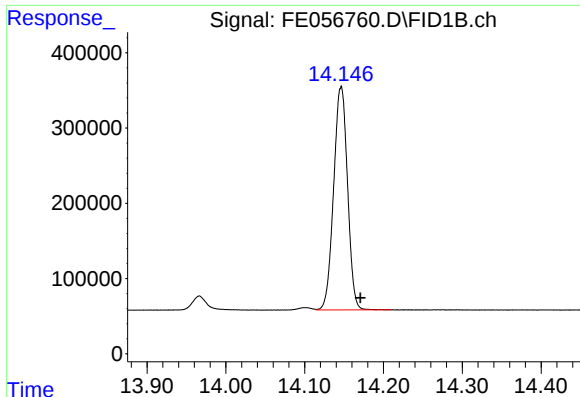
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.024 min
Response: 3634085
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.024 min
Response: 3173901
Conc: 19.70 ug/ml



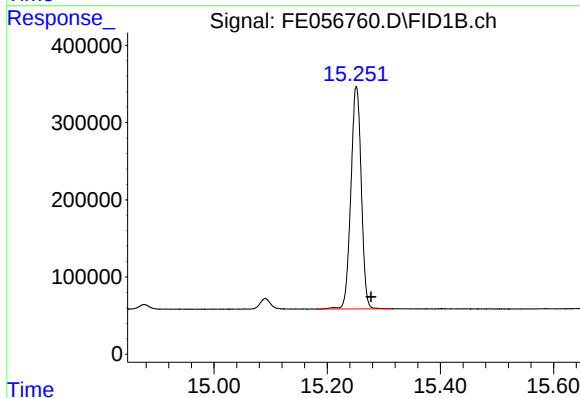
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: -0.025 min
Response: 3632564
Conc: 19.40 ug/ml

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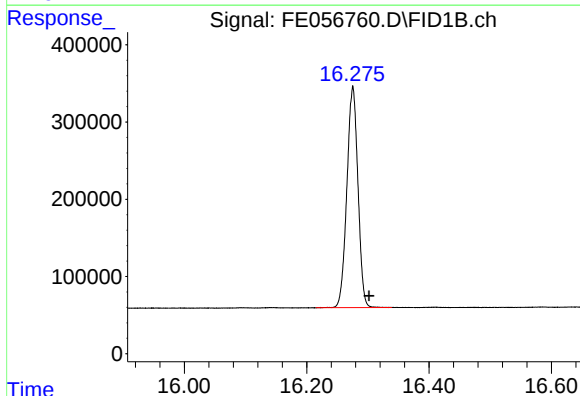
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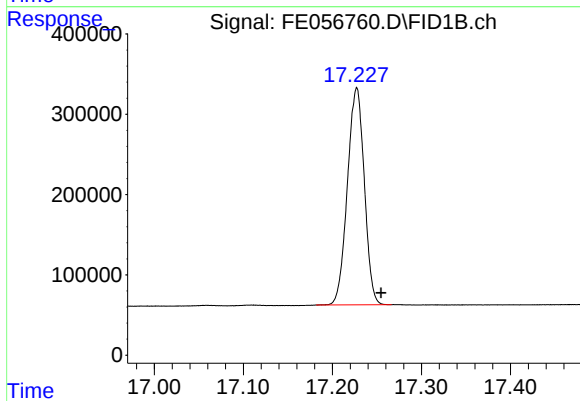
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.026 min
Response: 3671258
Conc: 18.74 ug/ml



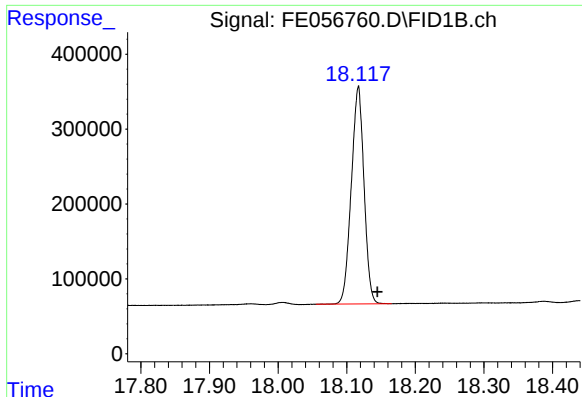
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.027 min
Response: 3593965
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: -0.028 min
Response: 3563716
Conc: 18.40 ug/ml m



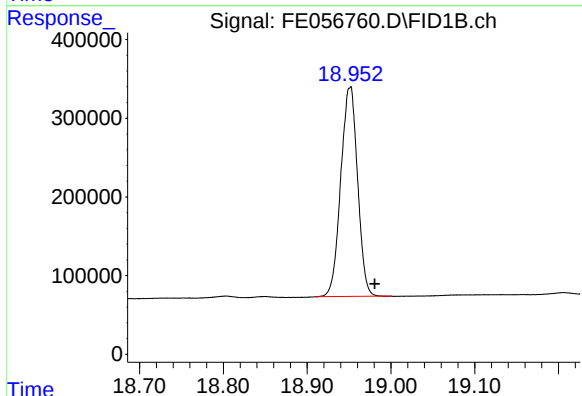
#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: -0.028 min
Response: 3739343
Conc: 18.65 ug/ml

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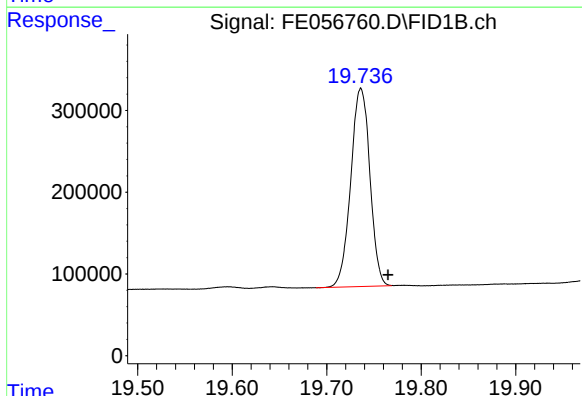
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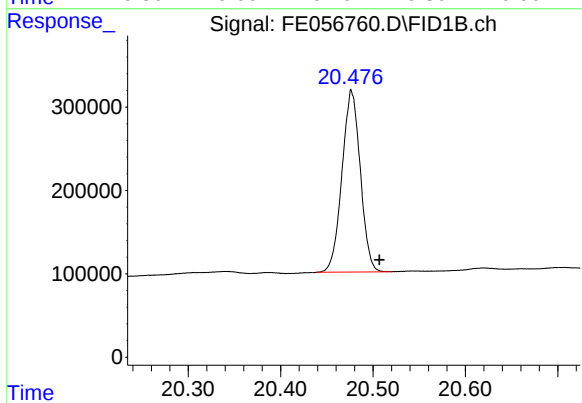
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.028 min
Response: 3711917
Conc: 18.88 ug/ml m



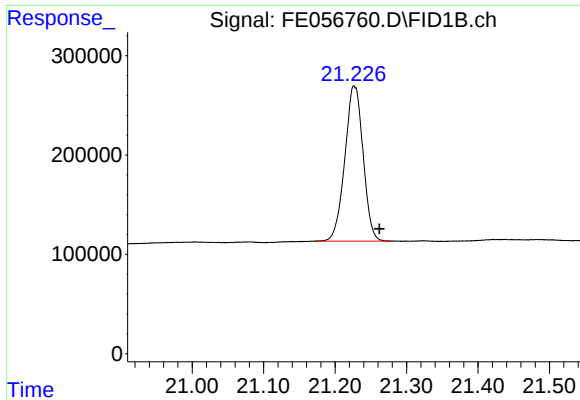
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: -0.029 min
Response: 3410966
Conc: 19.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: -0.031 min
Response: 3005822
Conc: 20.78 ug/ml m



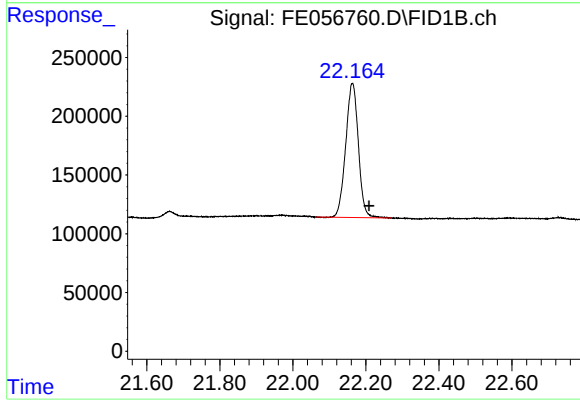
#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: -0.036 min
Response: 2775160
Conc: 22.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: -0.046 min
Response: 2750894
Conc: 23.79 ug/ml