

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100725AL\
 Data File : FE056242.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2025 00:23
 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

Integration File: sample.E
 Quant Time: Oct 08 01:27:48 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)	12.066	4046866	21.566 ug/ml
Spiked Amount 50.000		Recovery =	43.13%
12) S 1-chlorooctadecane (S...	13.502	2994094	21.453 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
Target Compounds			
1) T n-Nonane (C9)	3.407	2389717	17.444 ug/ml
2) T n-Decane (C10)	4.666	2600280	18.632 ug/ml
3) T A~Naphthalene (C11.7)	6.385	3280252	20.545 ug/ml
4) T n-Dodecane (C12)	6.840	2906506	20.250 ug/ml
5) T A~2-methylnaphthalene...	7.485	3283162	21.111 ug/ml
6) T n-Tetradecane (C14)	8.677	3175801	21.481 ug/ml
7) T n-Hexadecane (C16)	10.290	3531047	22.221 ug/ml
8) T n-Octadecane (C18)	11.740	3744021	22.104 ug/ml
10) T n-Eicosane (C20)	13.054	3603966	21.741 ug/ml
11) T n-Heneicosane (C21)	13.668	3472073	21.368 ug/ml
13) T n-Docosane (C22)	14.256	3374348	21.117 ug/ml
14) T n-Tetracosane (C24)	15.362	3187278	20.917 ug/ml
15) T n-Hexacosane (C26)	16.386	2957172	20.733 ug/ml
16) T n-Octacosane (C28)	17.338	2903225	20.841 ug/ml
17) T n-Tricontane (C30)	18.228	3082587	20.803 ug/ml
18) T n-Dotriacontane (C32)	19.061	3213796	21.540 ug/ml
19) T n-Tetratriacontane (C34)	19.847	3080709	21.779 ug/ml
20) T n-Hexatriacontane (C36)	20.587	2773563	21.606 ug/ml
21) T n-Octatriacontane (C38)	21.361	2567731	19.550 ug/ml
22) T n-Tetracontane (C40)	22.339	2365305	19.882 ug/ml

(f)=RT Delta > 1/2 Window

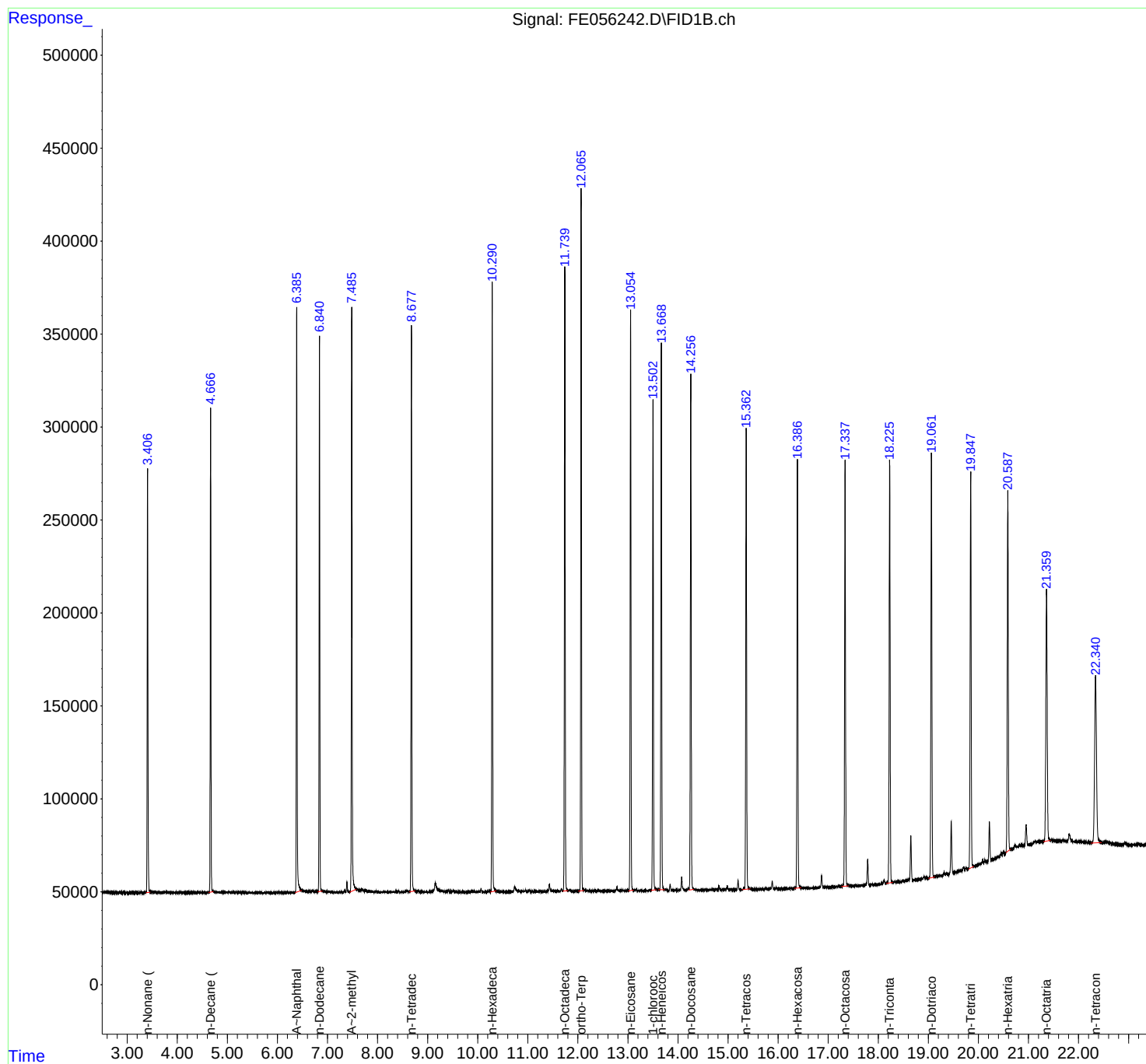
(m)=manual int.

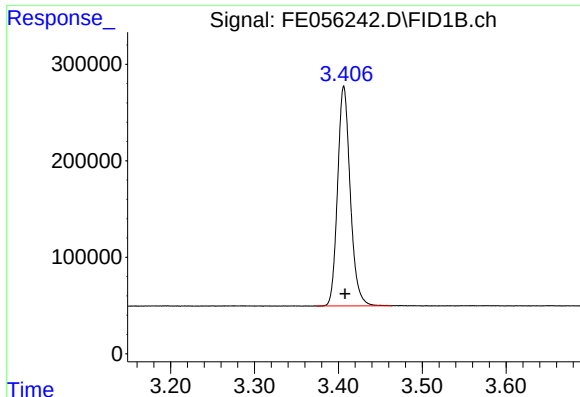
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100725AL\
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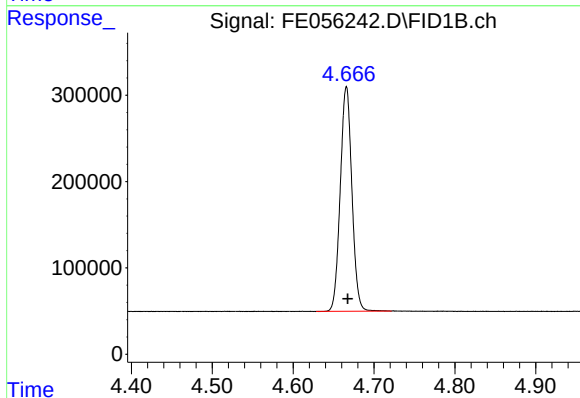




#1 n-Nonane (C9)

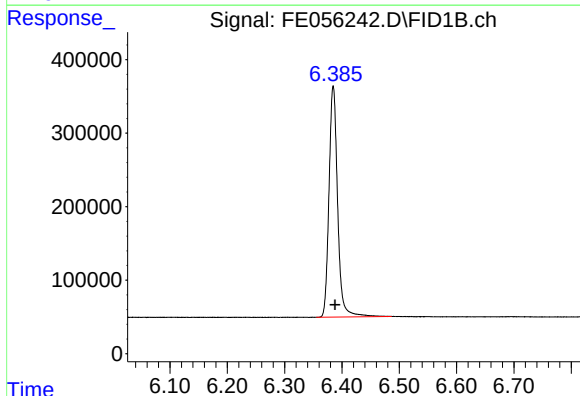
R.T.: 3.407 min
Delta R.T.: -0.001 min
Response: 2389717
Conc: 17.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



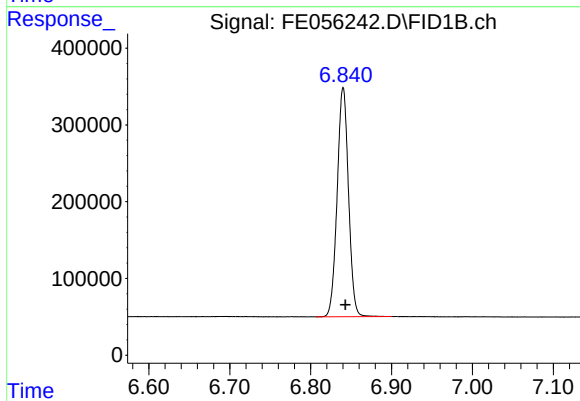
#2 n-Decane (C10)

R.T.: 4.666 min
Delta R.T.: -0.002 min
Response: 2600280
Conc: 18.63 ug/ml



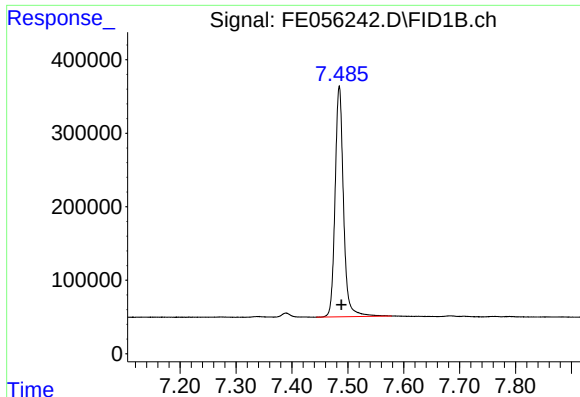
#3 A~Naphthalene (C11.7)

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 3280252
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

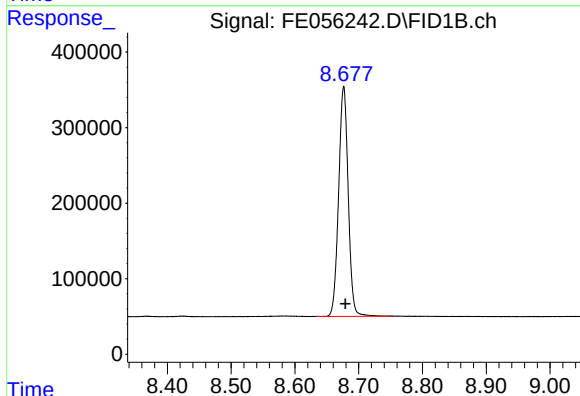
R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 2906506
Conc: 20.25 ug/ml



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

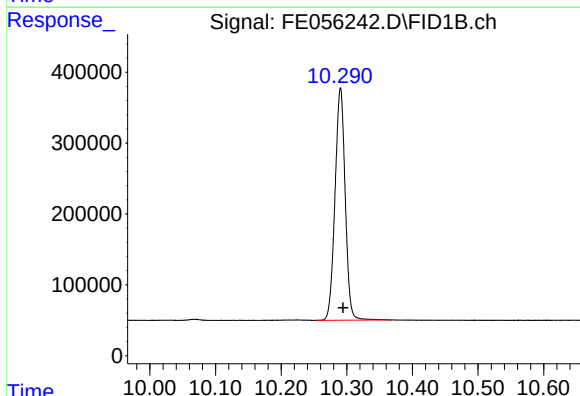
R.T.: 7.485 min
Delta R.T.: -0.004 min
Response: 3283162
Conc: 21.11 ug/ml

Instrument :
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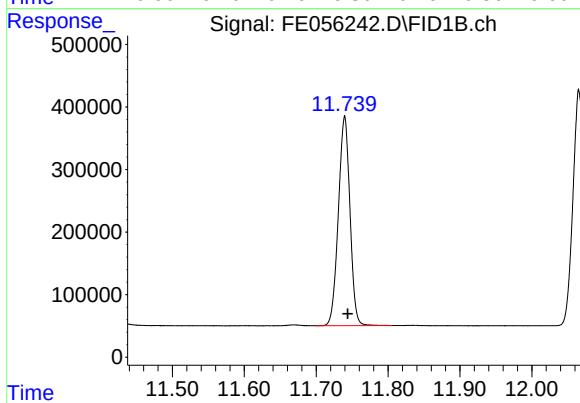
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: -0.003 min
Response: 3175801
Conc: 21.48 ug/ml



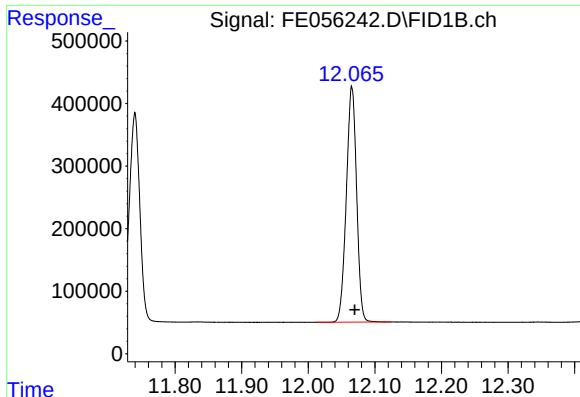
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: -0.004 min
Response: 3531047
Conc: 22.22 ug/ml



#8 n-Octadecane (C18)

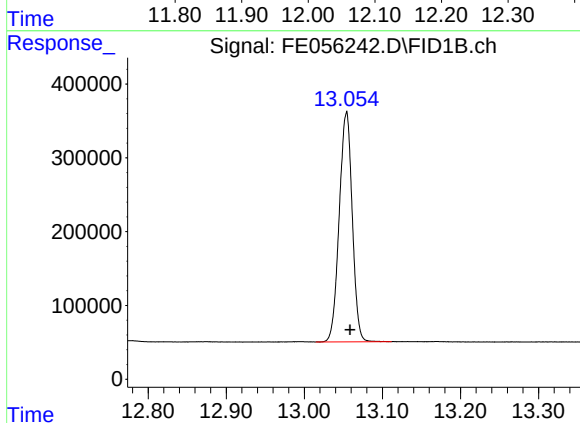
R.T.: 11.740 min
Delta R.T.: -0.004 min
Response: 3744021
Conc: 22.10 ug/ml



#9 ortho-Terphenyl (SURR)

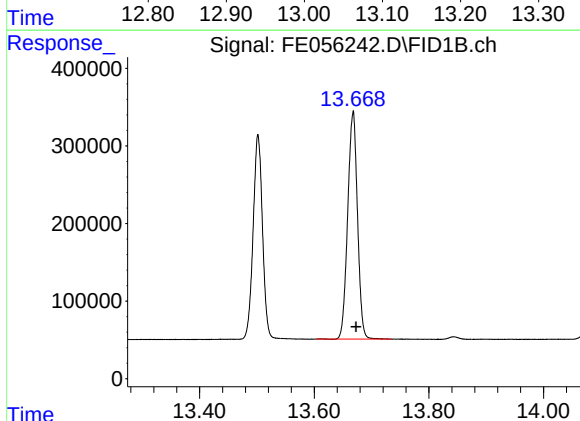
R.T.: 12.066 min
Delta R.T.: -0.004 min
Response: 4046866
Conc: 21.57 ug/ml

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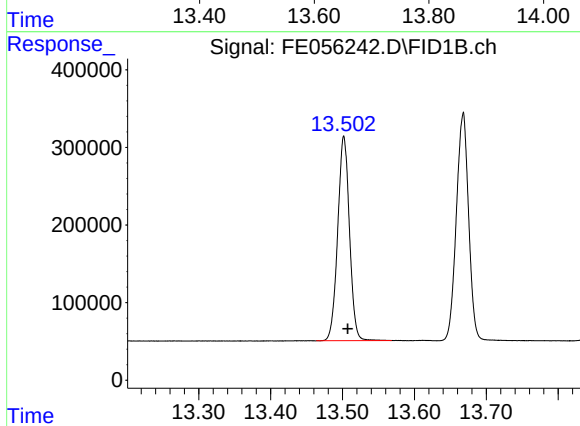
#10 n-Eicosane (C20)

R.T.: 13.054 min
Delta R.T.: -0.005 min
Response: 3603966
Conc: 21.74 ug/ml



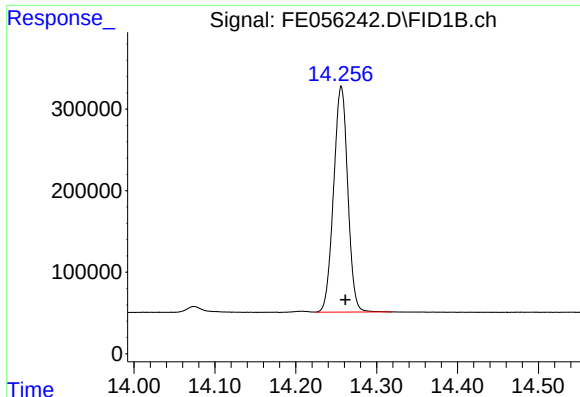
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: -0.006 min
Response: 3472073
Conc: 21.37 ug/ml



#12 1-chlorooctadecane (SURR)

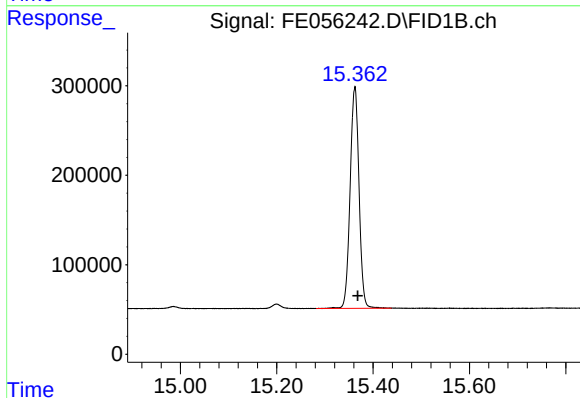
R.T.: 13.502 min
Delta R.T.: -0.005 min
Response: 2994094
Conc: 21.45 ug/ml



#13 n-Docosane (C22)

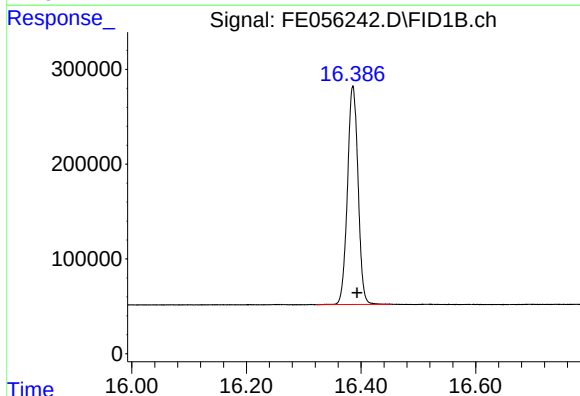
R.T.: 14.256 min
Delta R.T.: -0.005 min
Response: 3374348
Conc: 21.12 ug/ml

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20 PPM ALIPHATIC HC STD



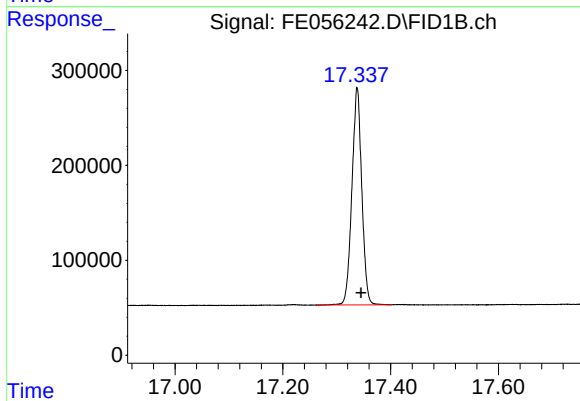
#14 n-Tetracosane (C24)

R.T.: 15.362 min
Delta R.T.: -0.007 min
Response: 3187278
Conc: 20.92 ug/ml



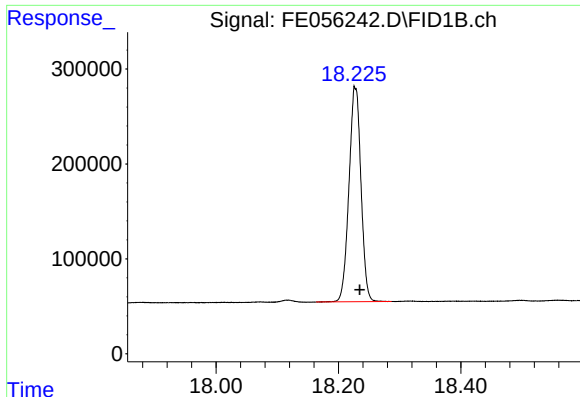
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 2957172
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

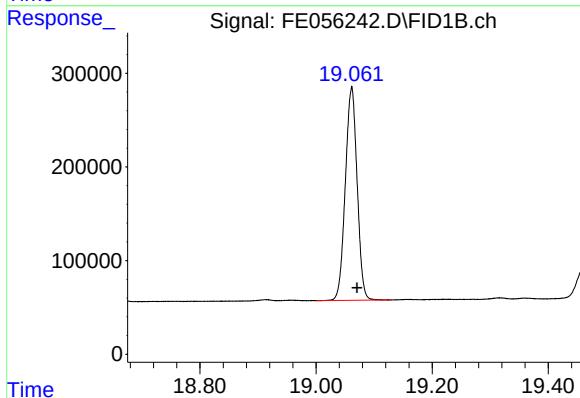
R.T.: 17.338 min
Delta R.T.: -0.007 min
Response: 2903225
Conc: 20.84 ug/ml



#17 n-Tricontane (C30)

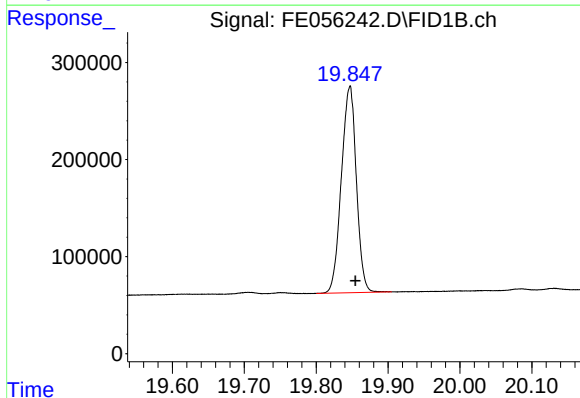
R.T.: 18.228 min
Delta R.T.: -0.007 min
Response: 3082587
Conc: 20.80 ug/ml

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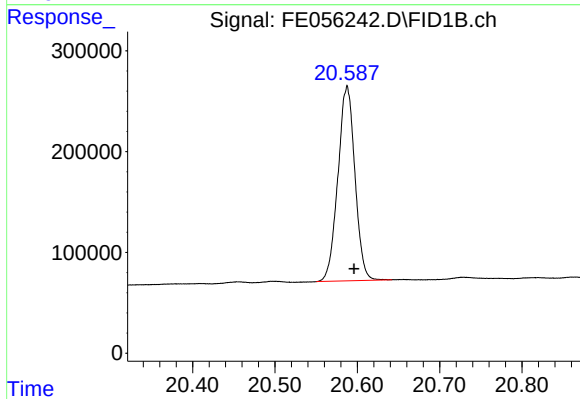
#18 n-Dotriacontane (C32)

R.T.: 19.061 min
Delta R.T.: -0.009 min
Response: 3213796
Conc: 21.54 ug/ml



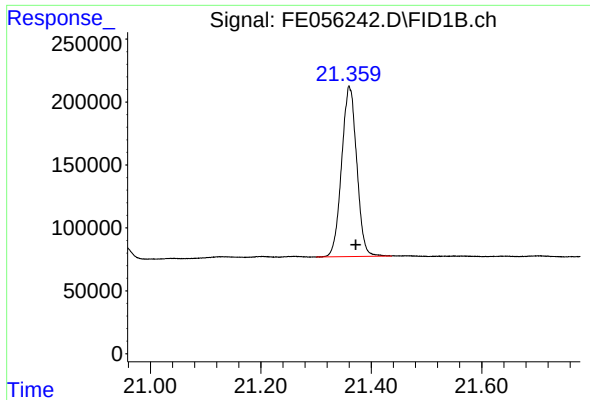
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: -0.008 min
Response: 3080709
Conc: 21.78 ug/ml



#20 n-Hexatriacontane (C36)

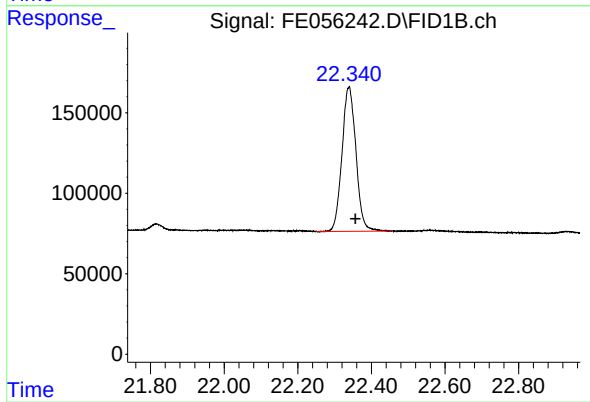
R.T.: 20.587 min
Delta R.T.: -0.009 min
Response: 2773563
Conc: 21.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.361 min
Delta R.T.: -0.011 min
Response: 2567731
Conc: 19.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.339 min
Delta R.T.: -0.018 min
Response: 2365305
Conc: 19.88 ug/ml