

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101525AL\
 Data File : FE056325.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2025 12:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 16 01:43:58 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)	12.062	4163342	22.186 ug/ml
Spiked Amount 50.000		Recovery =	44.37%
12) S 1-chlorooctadecane (S...	13.498	2889576	20.704 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
Target Compounds			
1) T n-Nonane (C9)	3.403	2534902	18.504 ug/ml
2) T n-Decane (C10)	4.662	2702019	19.361 ug/ml
3) T A~Naphthalene (C11.7)	6.381	3393243	21.252 ug/ml
4) T n-Dodecane (C12)	6.837	2989733	20.830 ug/ml
5) T A~2-methylnaphthalene...	7.482	3371083	21.676 ug/ml
6) T n-Tetradecane (C14)	8.673	3251435	21.992 ug/ml
7) T n-Hexadecane (C16)	10.287	3629535	22.840 ug/ml
8) T n-Octadecane (C18)	11.736	3855421	22.762 ug/ml
10) T n-Eicosane (C20)	13.050	3699712	22.319 ug/ml
11) T n-Heneicosane (C21)	13.665	3585124	22.064 ug/ml
13) T n-Docosane (C22)	14.253	3479204	21.773 ug/ml
14) T n-Tetracosane (C24)	15.359	3298291	21.645 ug/ml
15) T n-Hexacosane (C26)	16.383	3086500	21.640 ug/ml
16) T n-Octacosane (C28)	17.336	3000318	21.538 ug/ml
17) T n-Tricontane (C30)	18.225	3139108	21.184 ug/ml
18) T n-Dotriacontane (C32)	19.059	3155332	21.148 ug/ml
19) T n-Tetratriacontane (C34)	19.845	2987444	21.120 ug/ml
20) T n-Hexatriacontane (C36)	20.586	2653237	20.669 ug/ml
21) T n-Octatriacontane (C38)	21.359	2305867	17.556 ug/ml
22) T n-Tetracontane (C40)	22.335	2036882	17.121 ug/ml

(f)=RT Delta > 1/2 Window

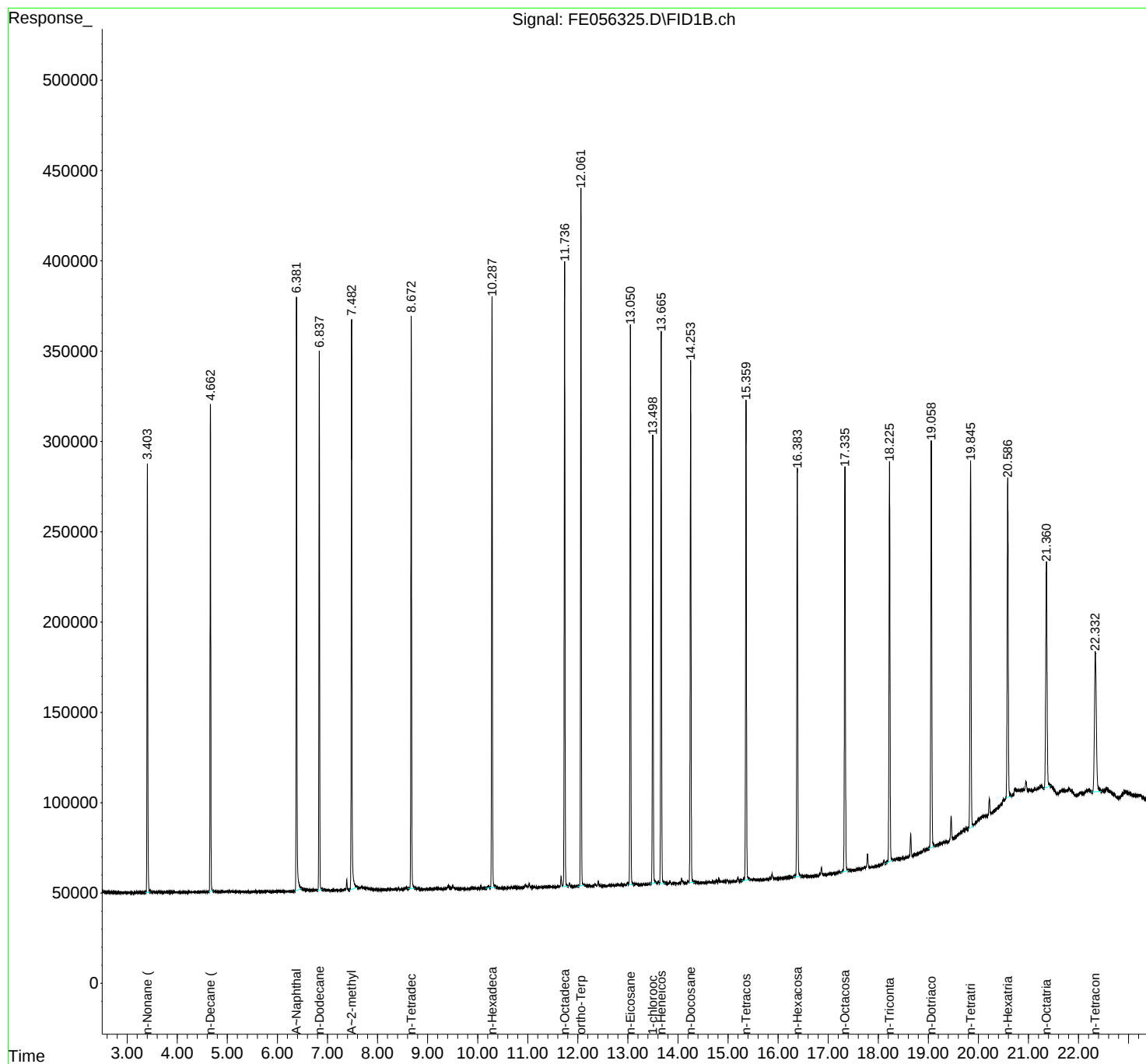
(m)=manual int.

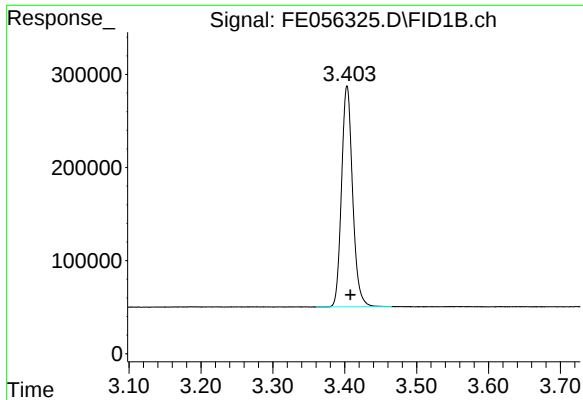
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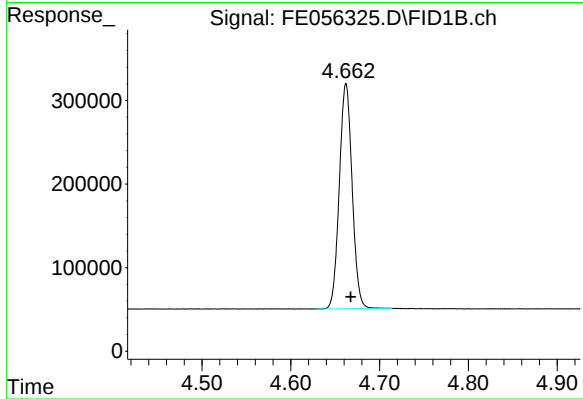




#1 n-Nonane (C9)

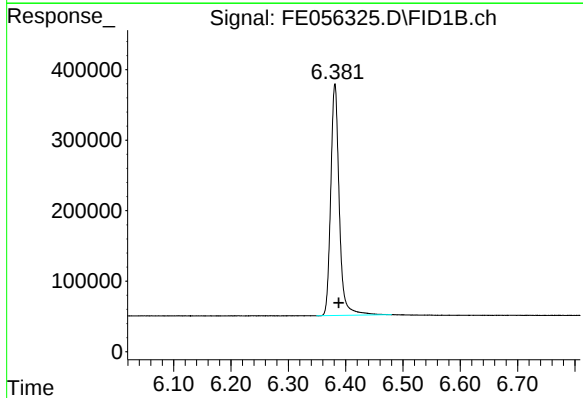
R.T.: 3.403 min
Delta R.T.: -0.005 min
Response: 2534902
Conc: 18.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



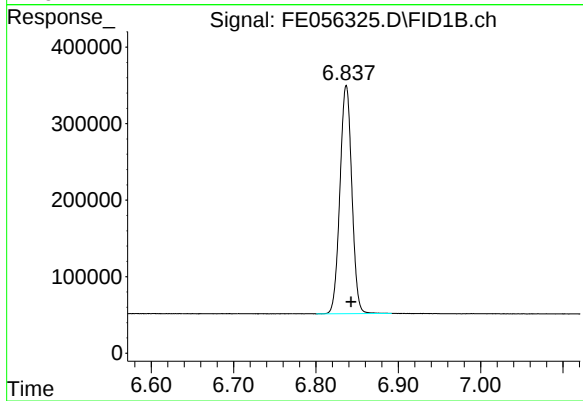
#2 n-Decane (C10)

R.T.: 4.662 min
Delta R.T.: -0.005 min
Response: 2702019
Conc: 19.36 ug/ml



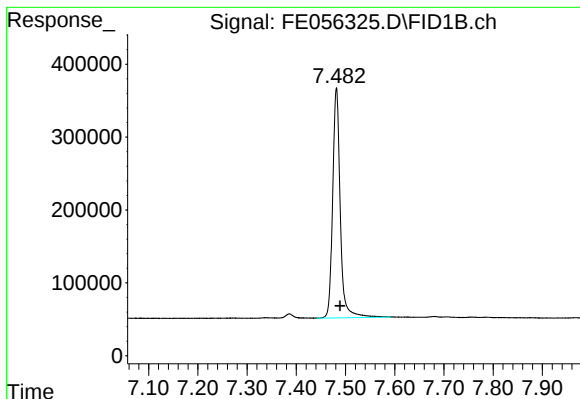
#3 A~Naphthalene (C11.7)

R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 3393243
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

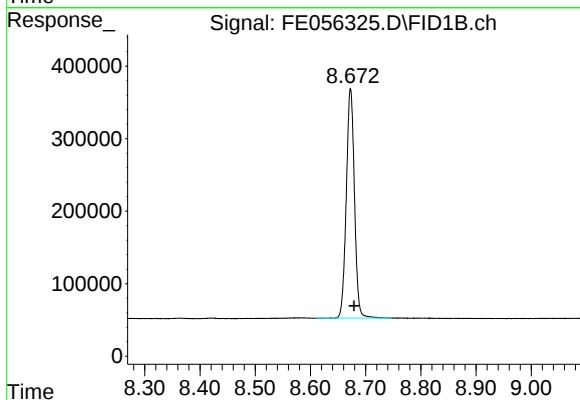
R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 2989733
Conc: 20.83 ug/ml



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

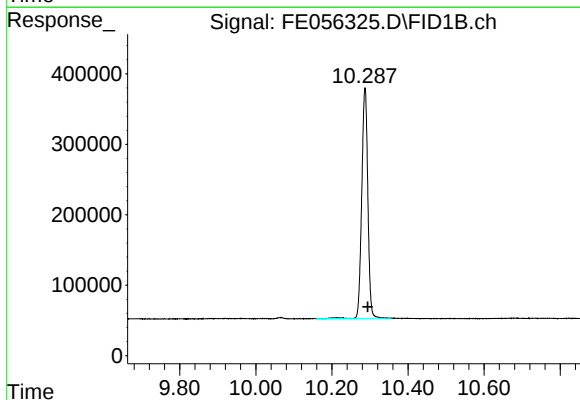
R.T.: 7.482 min
Delta R.T.: -0.007 min
Response: 3371083
Conc: 21.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



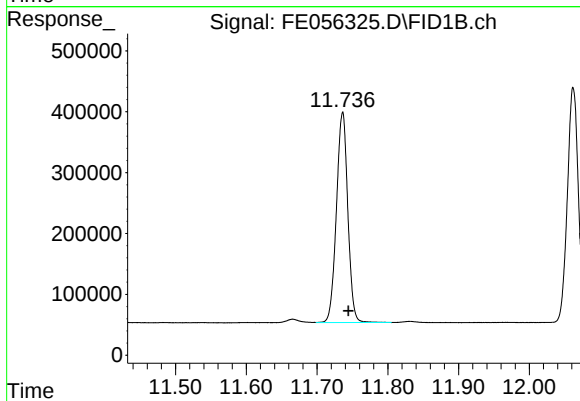
#6 n-Tetradecane (C14)

R.T.: 8.673 min
Delta R.T.: -0.007 min
Response: 3251435
Conc: 21.99 ug/ml



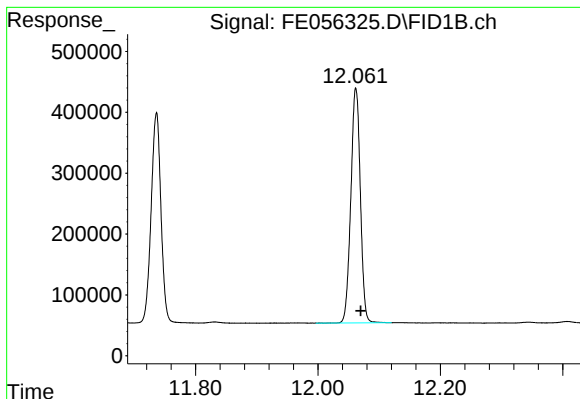
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: -0.007 min
Response: 3629535
Conc: 22.84 ug/ml



#8 n-Octadecane (C18)

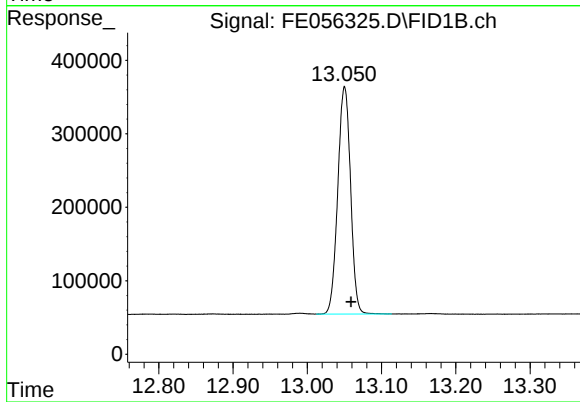
R.T.: 11.736 min
Delta R.T.: -0.008 min
Response: 3855421
Conc: 22.76 ug/ml



#9 ortho-Terphenyl (SURR)

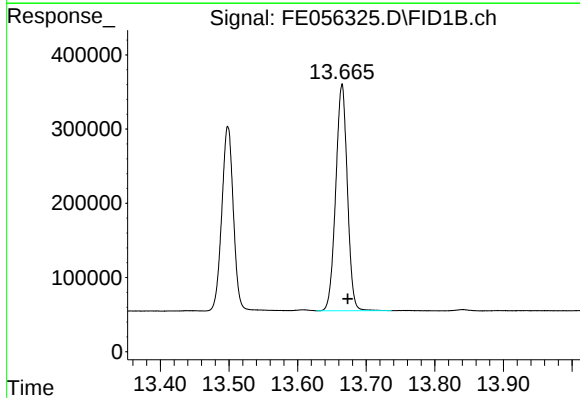
R.T.: 12.062 min
Delta R.T.: -0.008 min
Response: 4163342
Conc: 22.19 ug/ml

Instrument :
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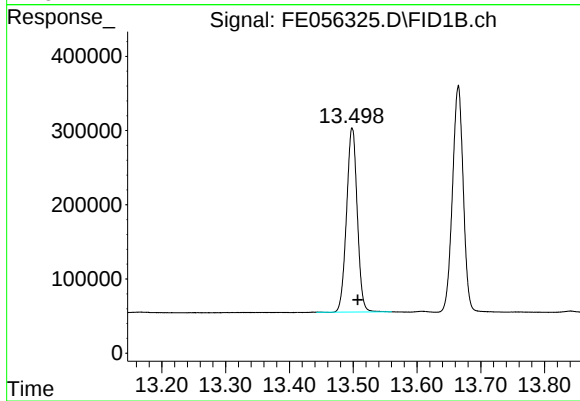
#10 n-Eicosane (C20)

R.T.: 13.050 min
Delta R.T.: -0.009 min
Response: 3699712
Conc: 22.32 ug/ml



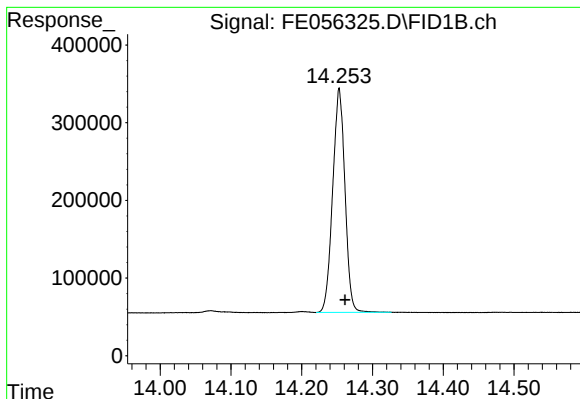
#11 n-Heneicosane (C21)

R.T.: 13.665 min
Delta R.T.: -0.008 min
Response: 3585124
Conc: 22.06 ug/ml



#12 1-chlorooctadecane (SURR)

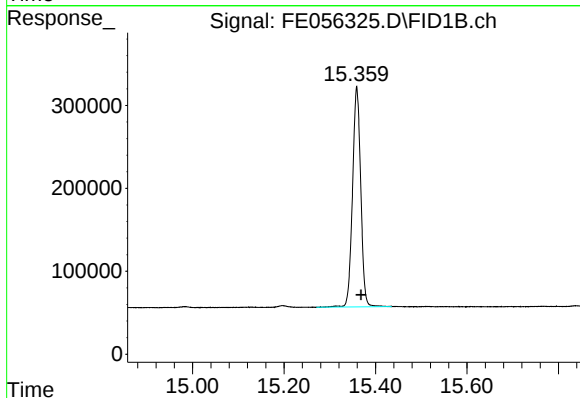
R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 2889576
Conc: 20.70 ug/ml



#13 n-Docosane (C22)

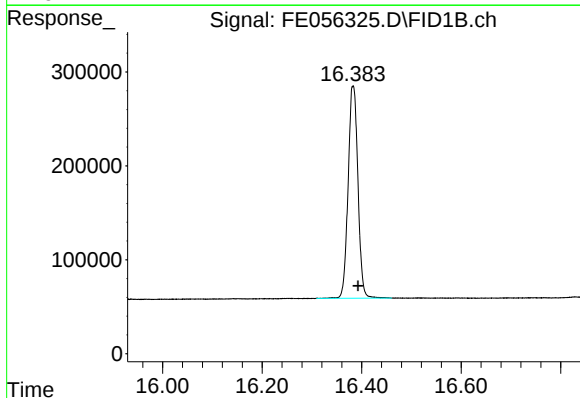
R.T.: 14.253 min
Delta R.T.: -0.008 min
Response: 3479204
Conc: 21.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



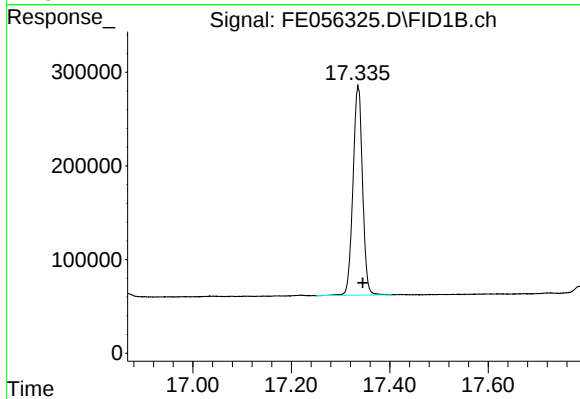
#14 n-Tetracosane (C24)

R.T.: 15.359 min
Delta R.T.: -0.010 min
Response: 3298291
Conc: 21.65 ug/ml



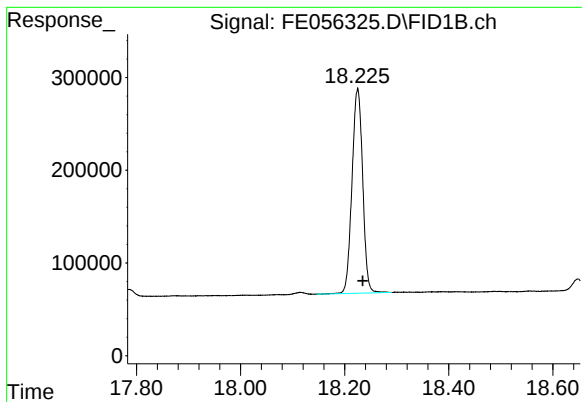
#15 n-Hexacosane (C26)

R.T.: 16.383 min
Delta R.T.: -0.010 min
Response: 3086500
Conc: 21.64 ug/ml



#16 n-Octacosane (C28)

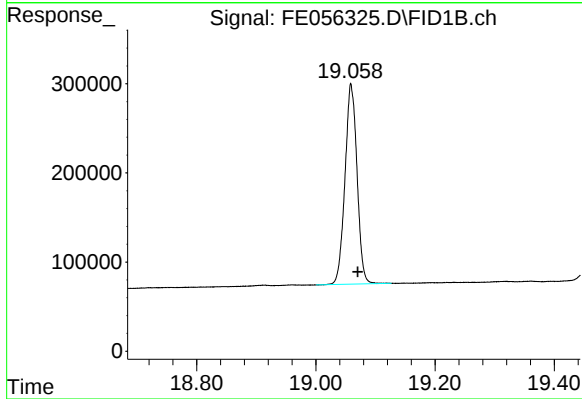
R.T.: 17.336 min
Delta R.T.: -0.009 min
Response: 3000318
Conc: 21.54 ug/ml



#17 n-Tricontane (C30)

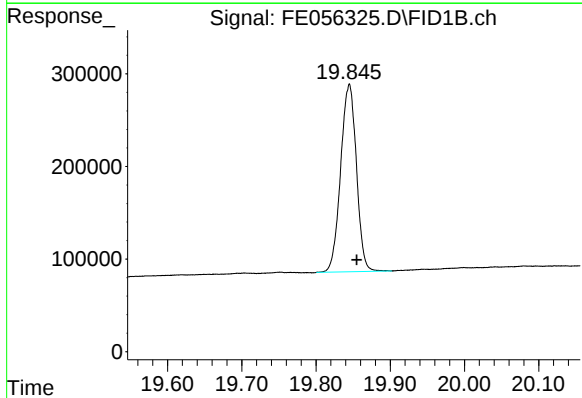
R.T.: 18.225 min
Delta R.T.: -0.010 min
Response: 3139108
Conc: 21.18 ug/ml

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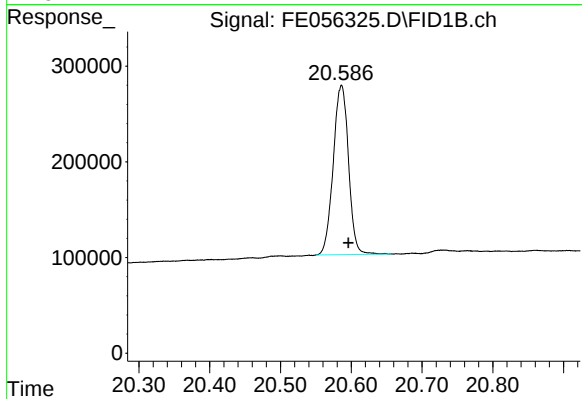
#18 n-Dotriacontane (C32)

R.T.: 19.059 min
Delta R.T.: -0.011 min
Response: 3155332
Conc: 21.15 ug/ml



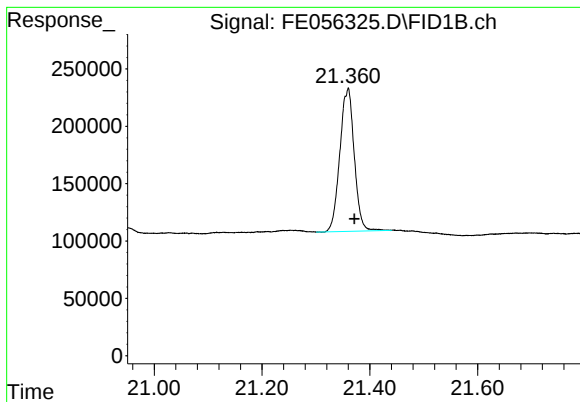
#19 n-Tetratriacontane (C34)

R.T.: 19.845 min
Delta R.T.: -0.010 min
Response: 2987444
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

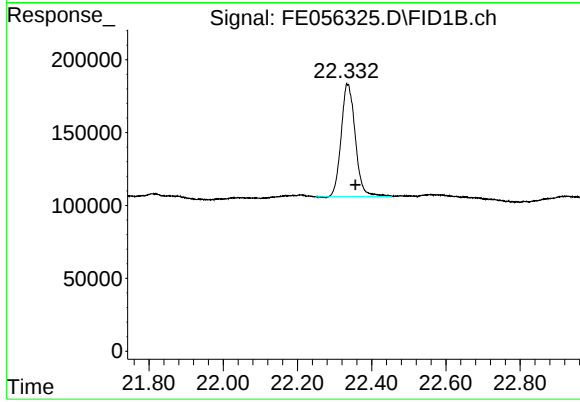
R.T.: 20.586 min
Delta R.T.: -0.010 min
Response: 2653237
Conc: 20.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.359 min
Delta R.T.: -0.013 min
Response: 2305867
Conc: 17.56 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.335 min
Delta R.T.: -0.021 min
Response: 2036882
Conc: 17.12 ug/ml