

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
 Data File : FE056271.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2025 13:09
 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: autoint1.e
 Quant Time: Oct 10 00:22:44 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	3757235	20.022 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	13.498	2790602	19.995 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T n-Nonane (C9)	3.404	2068741	15.101 ug/ml
2) T n-Decane (C10)	4.663	2262802	16.213 ug/ml
3) T A~Naphthalene (C11.7)	6.382	2890098	18.101 ug/ml
4) T n-Dodecane (C12)	6.838	2540346	17.699 ug/ml
5) T A~2-methylnaphthalene...	7.482	2913410	18.733 ug/ml
6) T n-Tetradecane (C14)	8.673	2791602	18.882 ug/ml
7) T n-Hexadecane (C16)	10.287	3153766	19.846 ug/ml
8) T n-Octadecane (C18)	11.736	3401308	20.081 ug/ml
10) T n-Eicosane (C20)	13.050	3324256	20.054 ug/ml
11) T n-Heneicosane (C21)	13.664	3240465	19.942 ug/ml
13) T n-Docosane (C22)	14.252	3181413	19.910 ug/ml
14) T n-Tetracosane (C24)	15.357	3028774	19.876 ug/ml
15) T n-Hexacosane (C26)	16.381	2810982	19.708 ug/ml
16) T n-Octacosane (C28)	17.333	2752670	19.760 ug/ml
17) T n-Tricontane (C30)	18.222	2958767	19.967 ug/ml
18) T n-Dotriacontane (C32)	19.056	3100699	20.782 ug/ml
19) T n-Tetratriacontane (C34)	19.840	2975241	21.034 ug/ml
20) T n-Hexatriacontane (C36)	20.582	2629204	20.481 ug/ml
21) T n-Octatriacontane (C38)	21.353	2484429	18.916 ug/ml
22) T n-Tetracontane (C40)	22.331	2148196	18.057 ug/ml

(f)=RT Delta > 1/2 Window

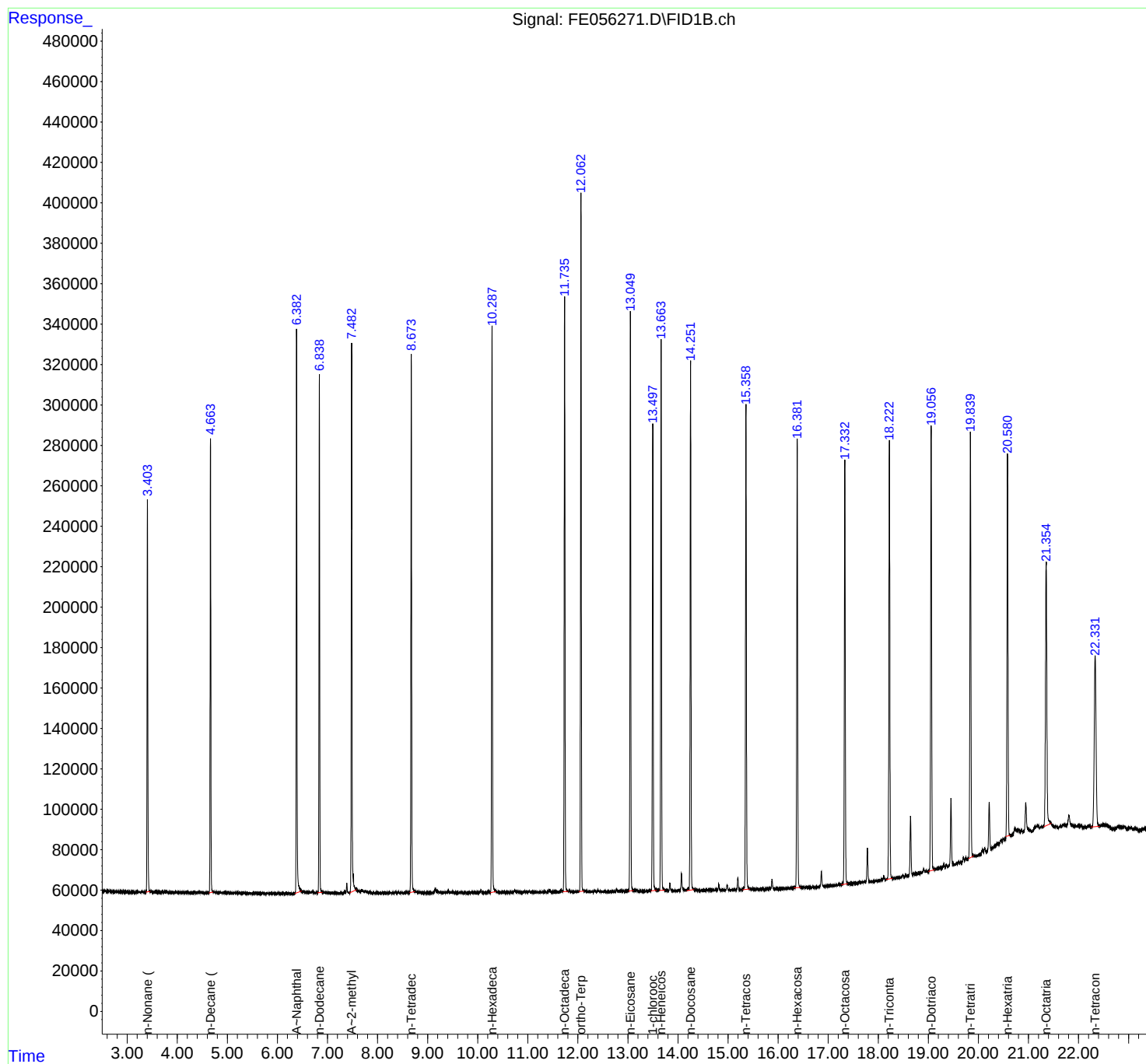
(m)=manual int.

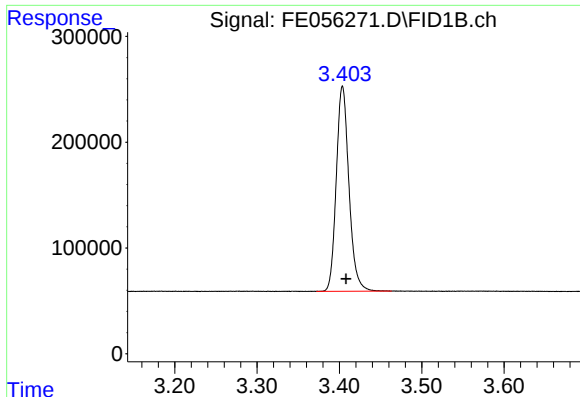
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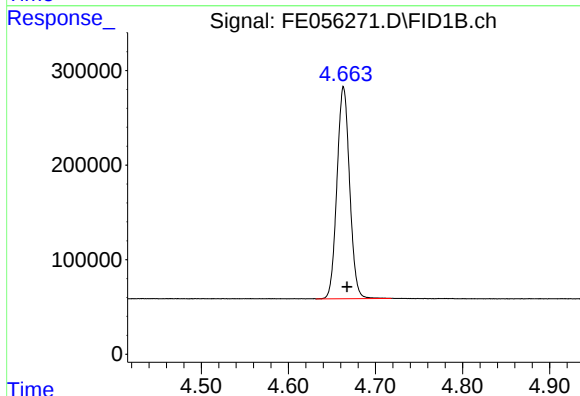




#1 n-Nonane (C9)

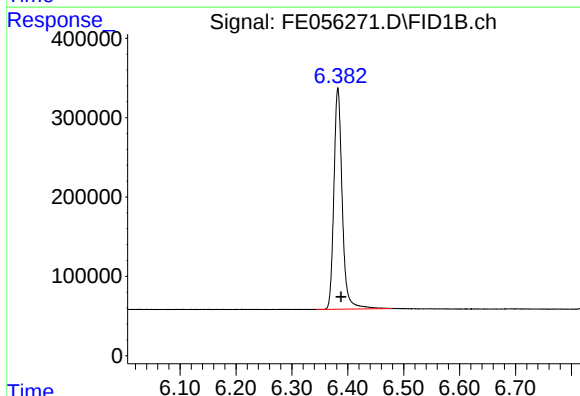
R.T.: 3.404 min
Delta R.T.: -0.004 min
Response: 2068741
Conc: 15.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



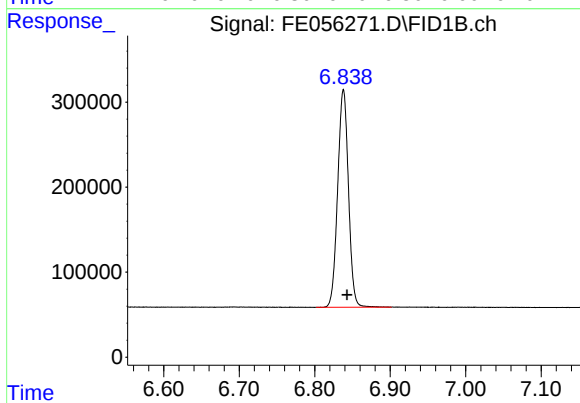
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 2262802
Conc: 16.21 ug/ml



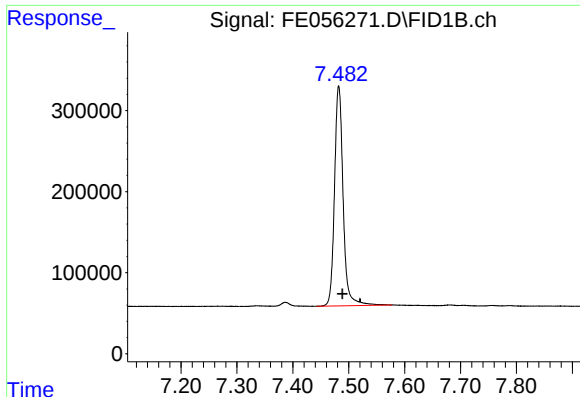
#3 A~Naphthalene (C11.7)

R.T.: 6.382 min
Delta R.T.: -0.006 min
Response: 2890098
Conc: 18.10 ug/ml



#4 n-Dodecane (C12)

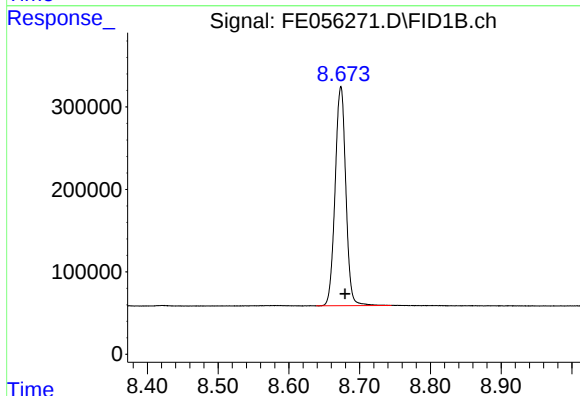
R.T.: 6.838 min
Delta R.T.: -0.005 min
Response: 2540346
Conc: 17.70 ug/ml



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

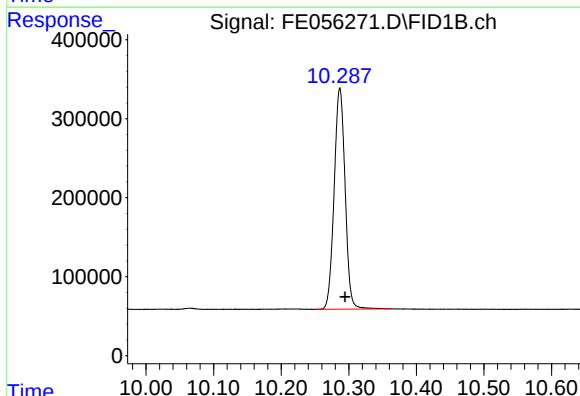
R.T.: 7.482 min
Delta R.T.: -0.007 min
Response: 2913410
Conc: 18.73 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



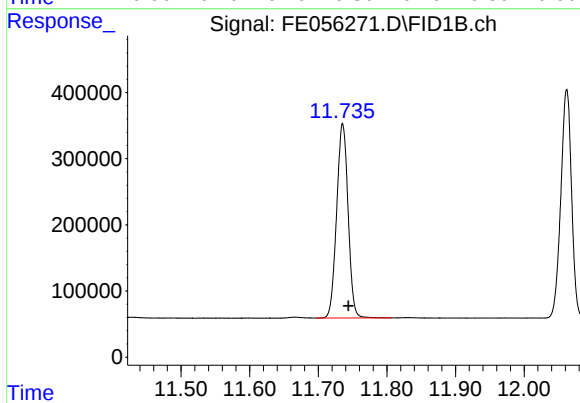
#6 n-Tetradecane (C14)

R.T.: 8.673 min
Delta R.T.: -0.006 min
Response: 2791602
Conc: 18.88 ug/ml



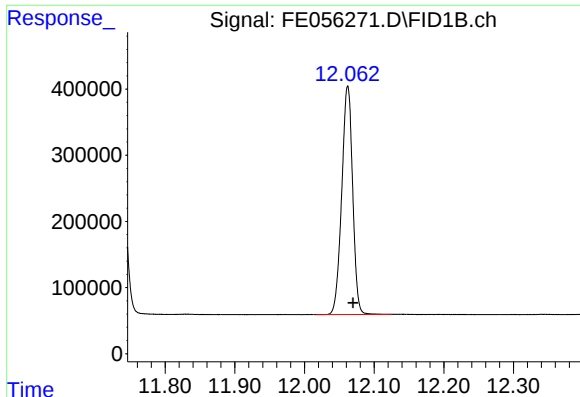
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: -0.007 min
Response: 3153766
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

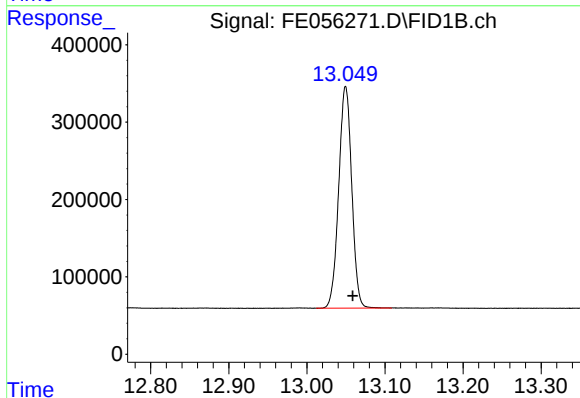
R.T.: 11.736 min
Delta R.T.: -0.008 min
Response: 3401308
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

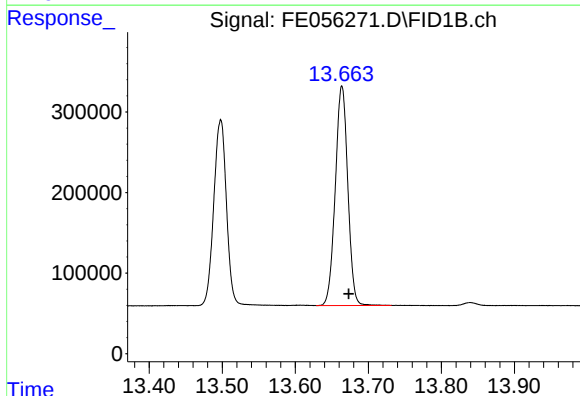
R.T.: 12.062 min
Delta R.T.: -0.008 min
Response: 3757235
Conc: 20.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



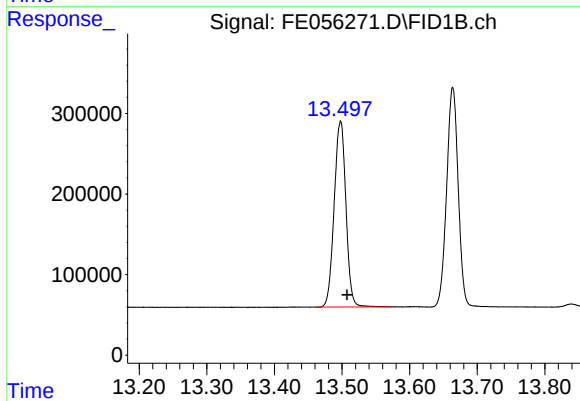
#10 n-Eicosane (C20)

R.T.: 13.050 min
Delta R.T.: -0.009 min
Response: 3324256
Conc: 20.05 ug/ml



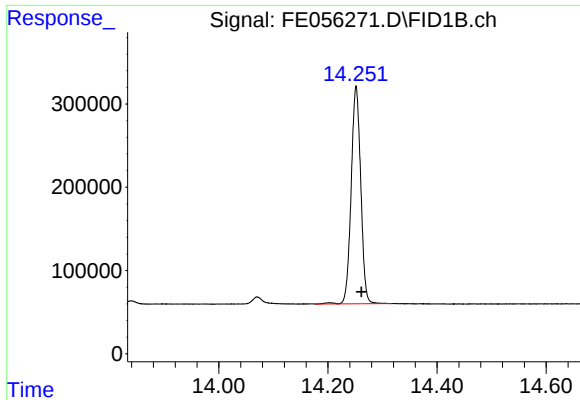
#11 n-Heneicosane (C21)

R.T.: 13.664 min
Delta R.T.: -0.009 min
Response: 3240465
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

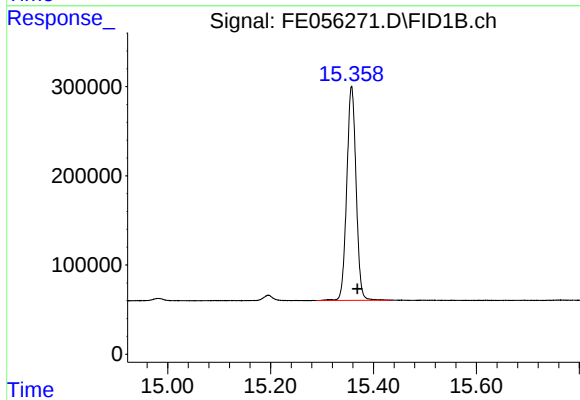
R.T.: 13.498 min
Delta R.T.: -0.010 min
Response: 2790602
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

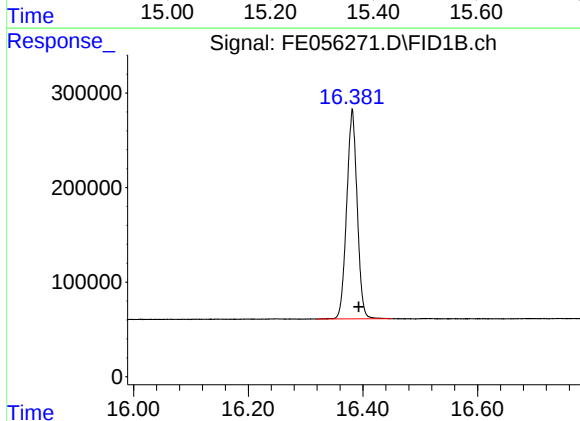
R.T.: 14.252 min
Delta R.T.: -0.010 min
Response: 3181413
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



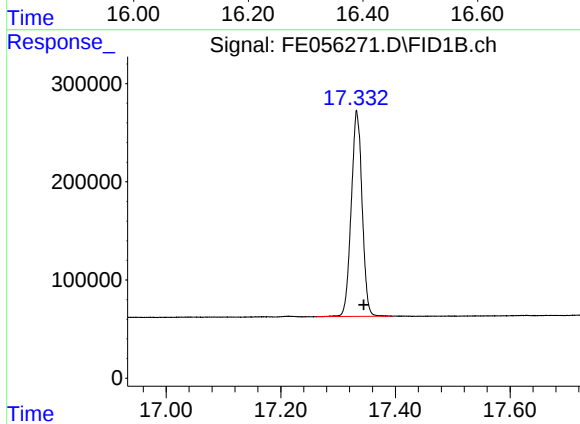
#14 n-Tetracosane (C24)

R.T.: 15.357 min
Delta R.T.: -0.011 min
Response: 3028774
Conc: 19.88 ug/ml



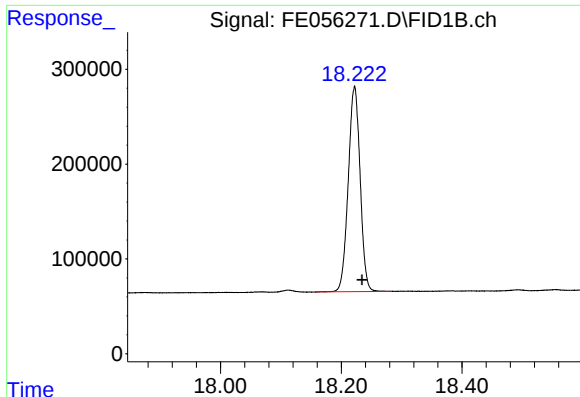
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: -0.011 min
Response: 2810982
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

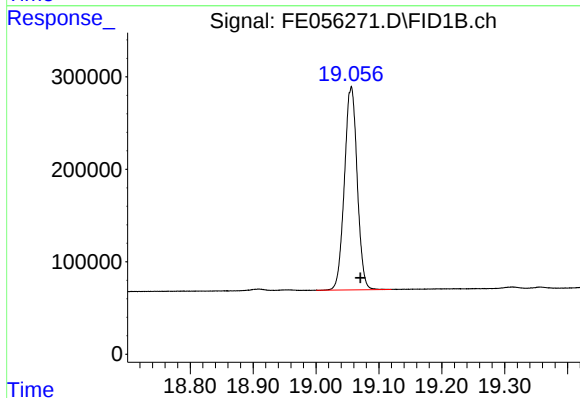
R.T.: 17.333 min
Delta R.T.: -0.012 min
Response: 2752670
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

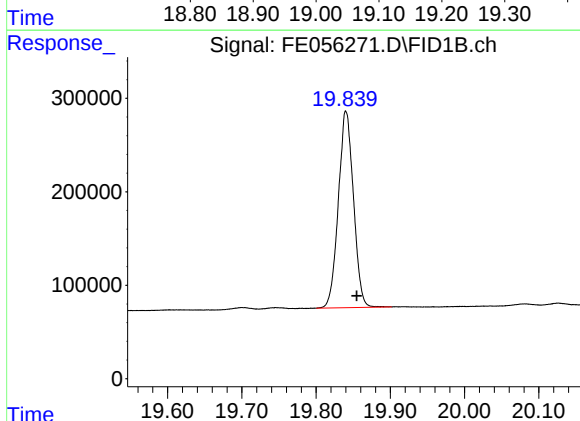
R.T.: 18.222 min
Delta R.T.: -0.013 min
Response: 2958767
Conc: 19.97 ug/ml

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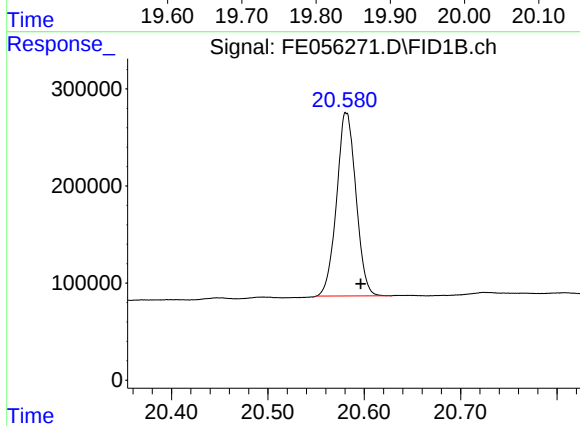
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: -0.015 min
Response: 3100699
Conc: 20.78 ug/ml



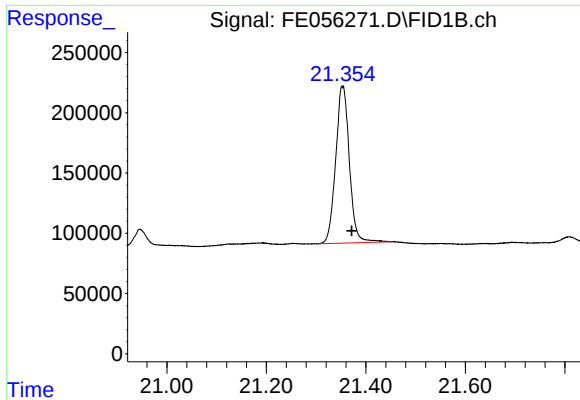
#19 n-Tetratriacontane (C34)

R.T.: 19.840 min
Delta R.T.: -0.014 min
Response: 2975241
Conc: 21.03 ug/ml



#20 n-Hexatriacontane (C36)

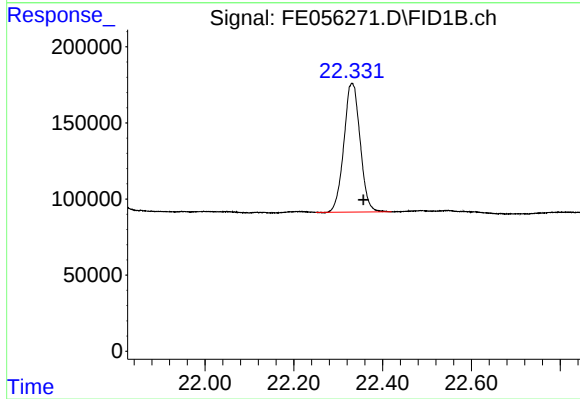
R.T.: 20.582 min
Delta R.T.: -0.015 min
Response: 2629204
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.353 min
Delta R.T.: -0.019 min
Response: 2484429
Conc: 18.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.331 min
Delta R.T.: -0.025 min
Response: 2148196
Conc: 18.06 ug/ml