

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101525AL\
 Data File : FE056340.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2025 21:23
 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 07:48:38 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)	12.061	4204705	22.407 ug/ml
Spiked Amount 50.000		Recovery =	44.81%
12) S 1-chlorooctadecane (S...	13.497	3002158	21.511 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
Target Compounds			
1) T n-Nonane (C9)	3.403	2610698	19.057 ug/ml
2) T n-Decane (C10)	4.662	2775922	19.890 ug/ml
3) T A~Naphthalene (C11.7)	6.380	3455698	21.644 ug/ml
4) T n-Dodecane (C12)	6.836	3044083	21.209 ug/ml
5) T A~2-methylnaphthalene...	7.480	3440885	22.125 ug/ml
6) T n-Tetradecane (C14)	8.672	3303449	22.344 ug/ml
7) T n-Hexadecane (C16)	10.286	3686314	23.198 ug/ml
8) T n-Octadecane (C18)	11.735	3909928	23.083 ug/ml
10) T n-Eicosane (C20)	13.050	3756832	22.664 ug/ml
11) T n-Heneicosane (C21)	13.663	3642737	22.418 ug/ml
13) T n-Docosane (C22)	14.251	3533088	22.111 ug/ml
14) T n-Tetracosane (C24)	15.357	3371726	22.127 ug/ml
15) T n-Hexacosane (C26)	16.382	3116114	21.847 ug/ml
16) T n-Octacosane (C28)	17.334	3053949	21.923 ug/ml
17) T n-Tricontane (C30)	18.224	3175357	21.429 ug/ml
18) T n-Dotriacontane (C32)	19.058	3234133	21.677 ug/ml
19) T n-Tetratriacontane (C34)	19.843	3043146	21.514 ug/ml
20) T n-Hexatriacontane (C36)	20.584	2681421	20.888 ug/ml
21) T n-Octatriacontane (C38)	21.356	2366130	18.015 ug/ml
22) T n-Tetracontane (C40)	22.334	1991461	16.740 ug/ml

(f)=RT Delta > 1/2 Window

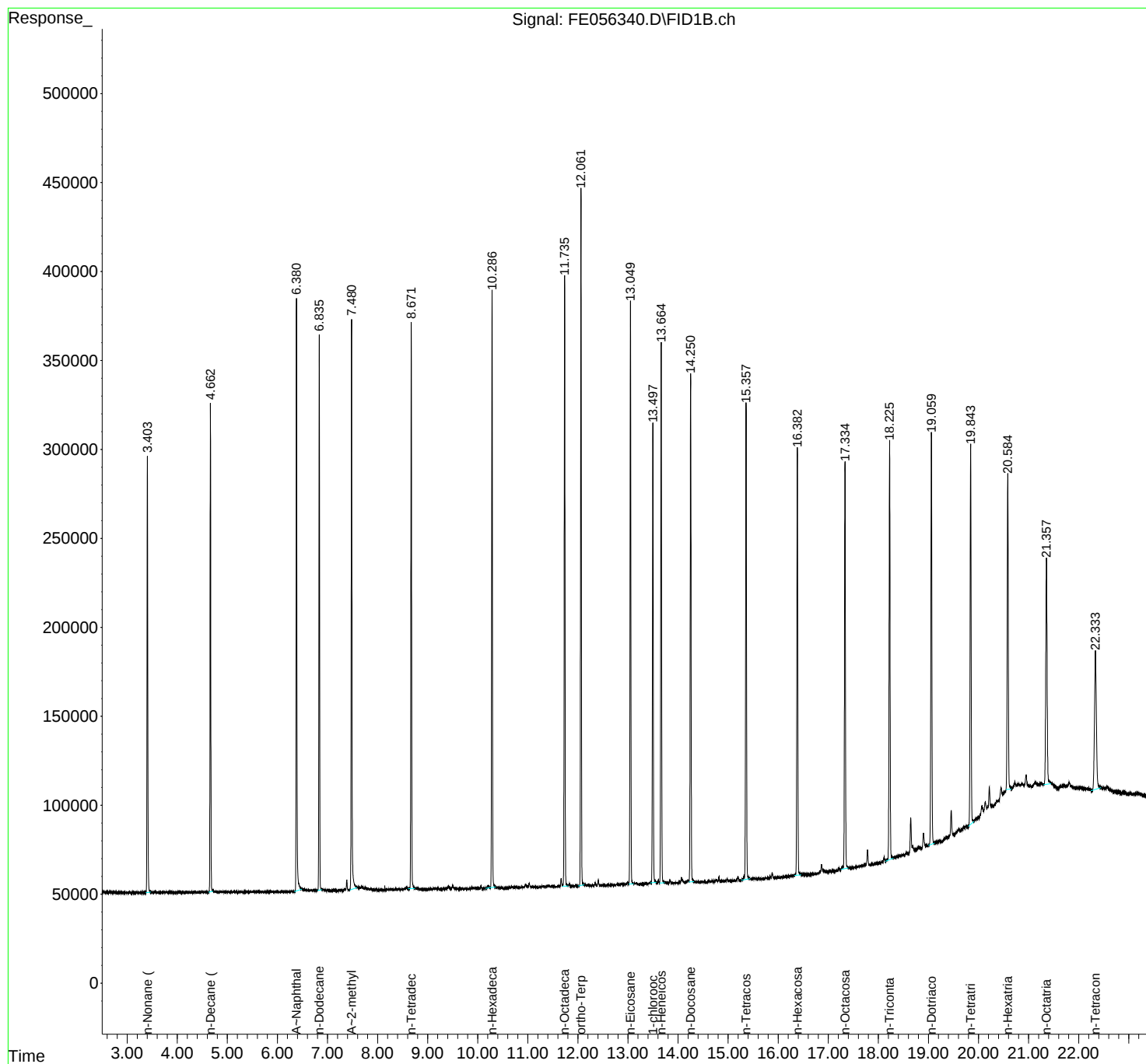
(m)=manual int.

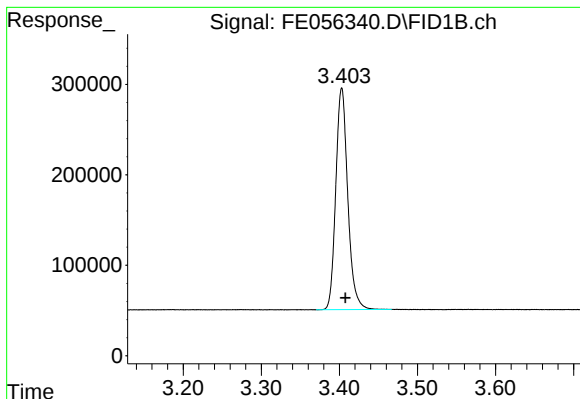
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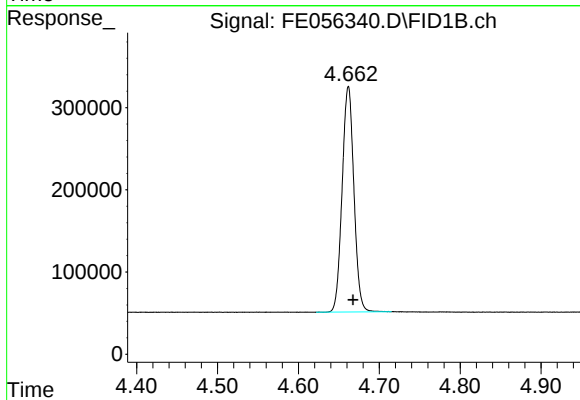




#1 n-Nonane (C9)

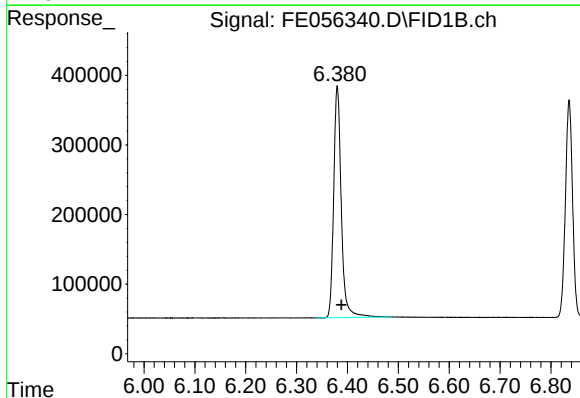
R.T.: 3.403 min
Delta R.T.: -0.005 min
Response: 2610698
Conc: 19.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



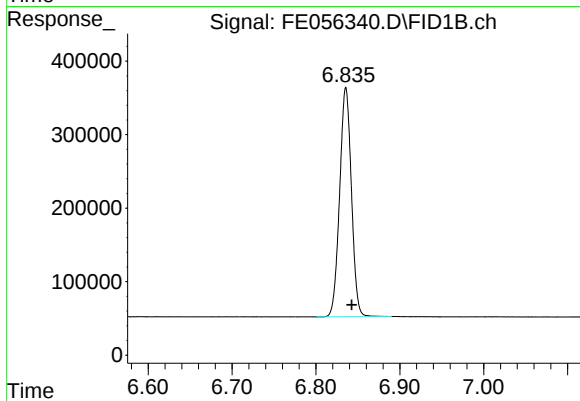
#2 n-Decane (C10)

R.T.: 4.662 min
Delta R.T.: -0.006 min
Response: 2775922
Conc: 19.89 ug/ml



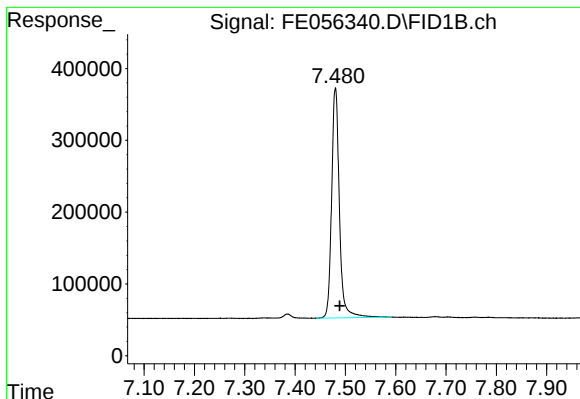
#3 A~Naphthalene (C11.7)

R.T.: 6.380 min
Delta R.T.: -0.008 min
Response: 3455698
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

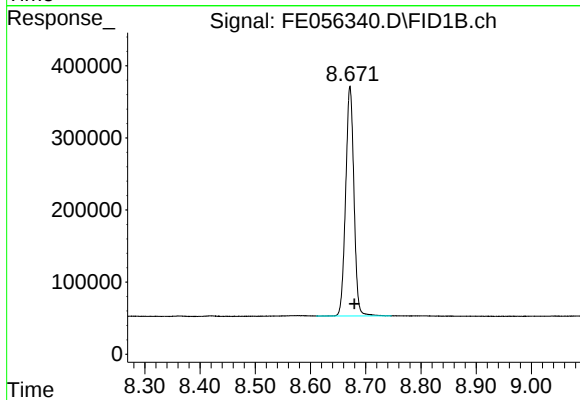
R.T.: 6.836 min
Delta R.T.: -0.007 min
Response: 3044083
Conc: 21.21 ug/ml



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

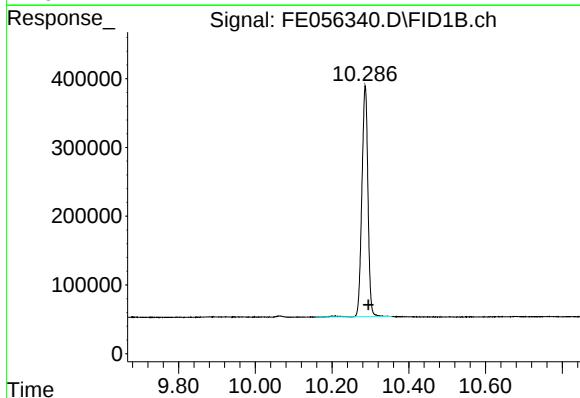
R.T.: 7.480 min
Delta R.T.: -0.008 min
Response: 3440885
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



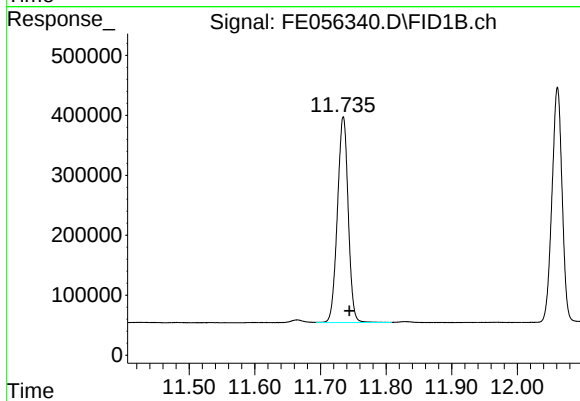
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.008 min
Response: 3303449
Conc: 22.34 ug/ml



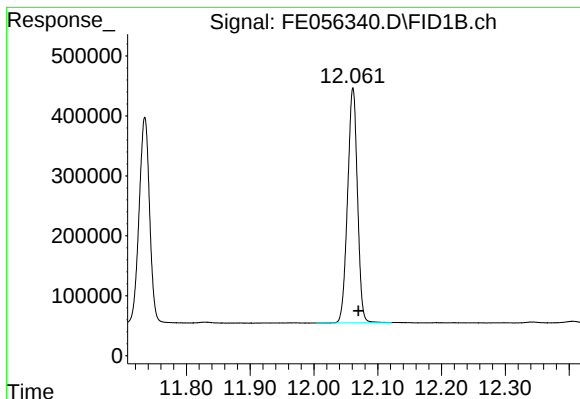
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.008 min
Response: 3686314
Conc: 23.20 ug/ml



#8 n-Octadecane (C18)

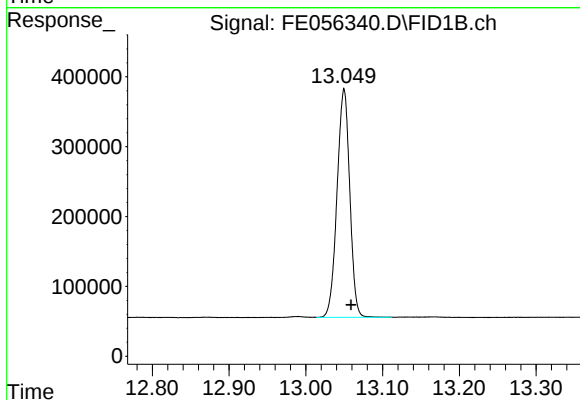
R.T.: 11.735 min
Delta R.T.: -0.009 min
Response: 3909928
Conc: 23.08 ug/ml



#9 ortho-Terphenyl (SURR)

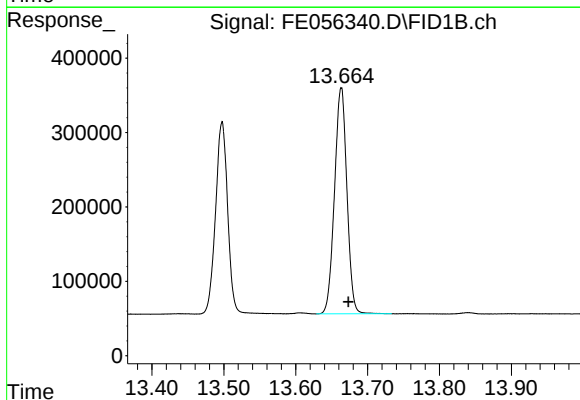
R.T.: 12.061 min
Delta R.T.: -0.009 min
Response: 4204705
Conc: 22.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



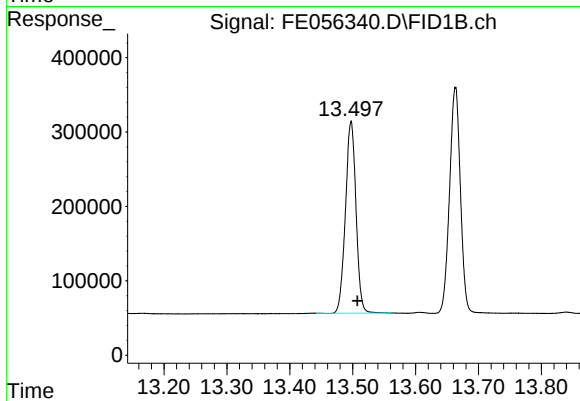
#10 n-Eicosane (C20)

R.T.: 13.050 min
Delta R.T.: -0.009 min
Response: 3756832
Conc: 22.66 ug/ml



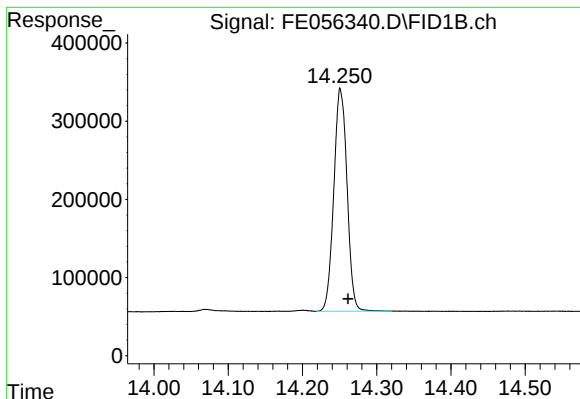
#11 n-Heneicosane (C21)

R.T.: 13.663 min
Delta R.T.: -0.010 min
Response: 3642737
Conc: 22.42 ug/ml



#12 1-chlorooctadecane (SURR)

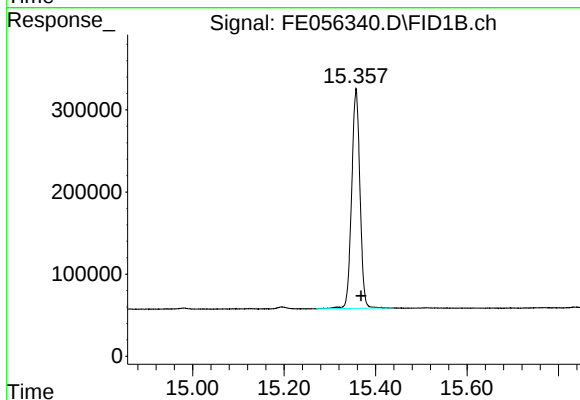
R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 3002158
Conc: 21.51 ug/ml



#13 n-Docosane (C22)

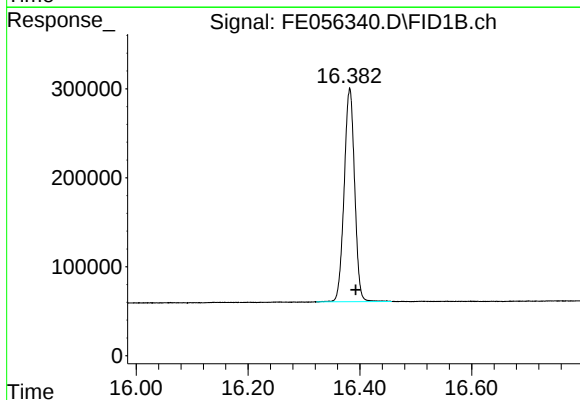
R.T.: 14.251 min
Delta R.T.: -0.010 min
Response: 3533088
Conc: 22.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



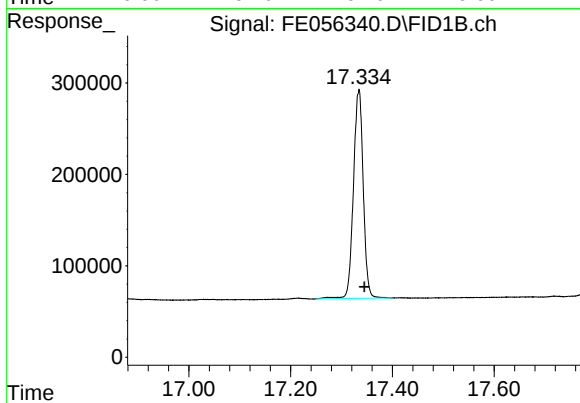
#14 n-Tetracosane (C24)

R.T.: 15.357 min
Delta R.T.: -0.011 min
Response: 3371726
Conc: 22.13 ug/ml



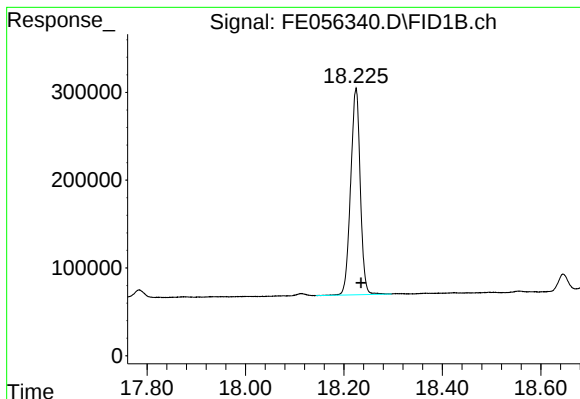
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: -0.011 min
Response: 3116114
Conc: 21.85 ug/ml



#16 n-Octacosane (C28)

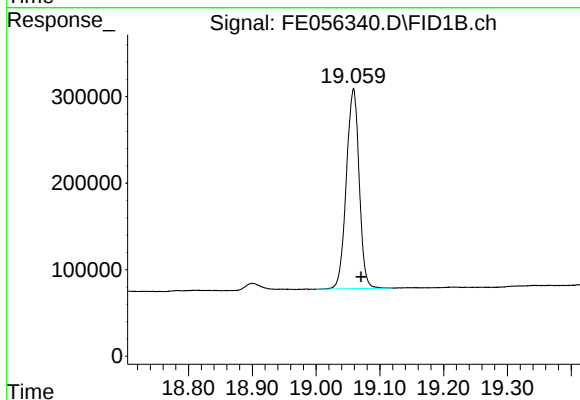
R.T.: 17.334 min
Delta R.T.: -0.011 min
Response: 3053949
Conc: 21.92 ug/ml



#17 n-Tricontane (C30)

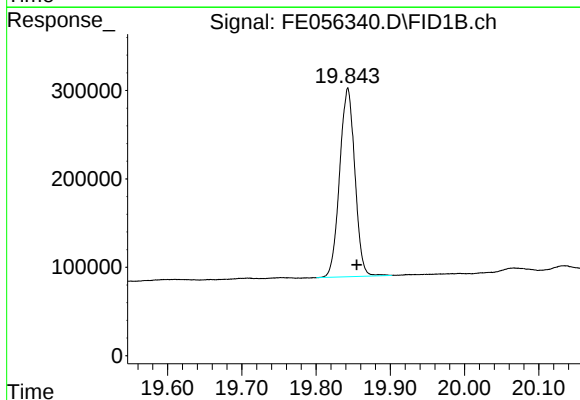
R.T.: 18.224 min
Delta R.T.: -0.010 min
Response: 3175357
Conc: 21.43 ug/ml

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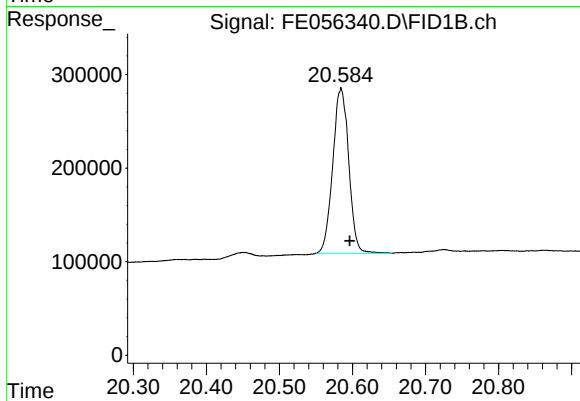
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.012 min
Response: 3234133
Conc: 21.68 ug/ml



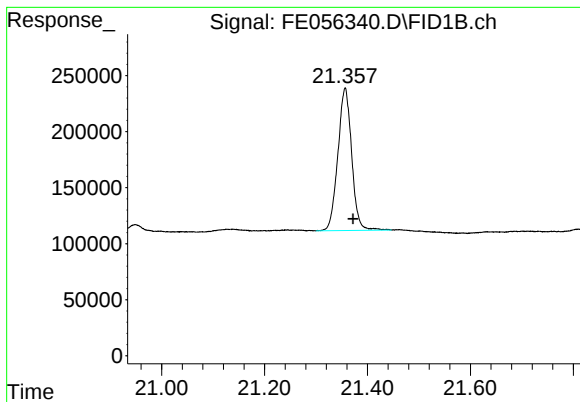
#19 n-Tetratriacontane (C34)

R.T.: 19.843 min
Delta R.T.: -0.012 min
Response: 3043146
Conc: 21.51 ug/ml



#20 n-Hexatriacontane (C36)

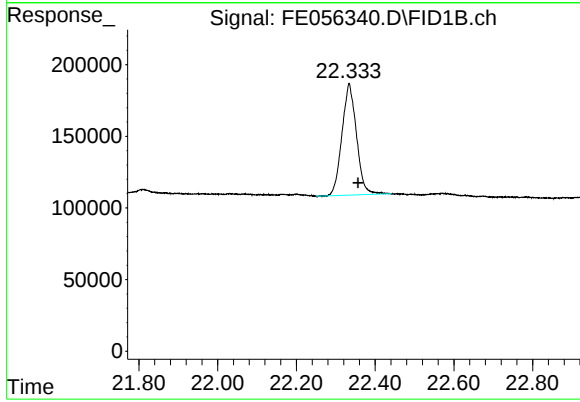
R.T.: 20.584 min
Delta R.T.: -0.012 min
Response: 2681421
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.356 min
Delta R.T.: -0.015 min
Response: 2366130
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: -0.023 min
Response: 1991461
Conc: 16.74 ug/ml