

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
 Data File : FG016235.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2025 19:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 08 02:24:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.095	2621963	20.321 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
12) S 1-chlorooctadecane (S...	13.538	2037148	20.217 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.413	2210679	20.432 ug/ml
2) T n-Decane (C10)	4.675	2248181	20.495 ug/ml
3) T A~Naphthalene (C11.7)	6.393	2479156	20.749 ug/ml
4) T n-Dodecane (C12)	6.855	2267274	20.591 ug/ml
5) T A~2-methylnaphthalene...	7.496	2415754	20.770 ug/ml
6) T n-Tetradecane (C14)	8.696	2264981	20.625 ug/ml
7) T n-Hexadecane (C16)	10.316	2346294	20.612 ug/ml
8) T n-Octadecane (C18)	11.770	2387002	20.504 ug/ml
10) T n-Eicosane (C20)	13.090	2323279	20.413 ug/ml
11) T n-Heneicosane (C21)	13.706	2298891	20.306 ug/ml
13) T n-Docosane (C22)	14.297	2294268	20.182 ug/ml
14) T n-Tetracosane (C24)	15.409	2286783	19.831 ug/ml
15) T n-Hexacosane (C26)	16.437	2235019	19.422 ug/ml
16) T n-Octacosane (C28)	17.392	2154653	18.985 ug/ml
17) T n-Tricontane (C30)	18.286	2138092	18.675 ug/ml
18) T n-Dotriacontane (C32)	19.125	2011246	18.447 ug/ml
19) T n-Tetratriacontane (C34)	19.913	1823084	18.427 ug/ml
20) T n-Hexatriacontane (C36)	20.658	1575984	18.567 ug/ml
21) T n-Octatriacontane (C38)	21.449	1438851	19.060 ug/ml
22) T n-Tetracontane (C40)	22.454	1380057	19.958 ug/ml

(f)=RT Delta > 1/2 Window

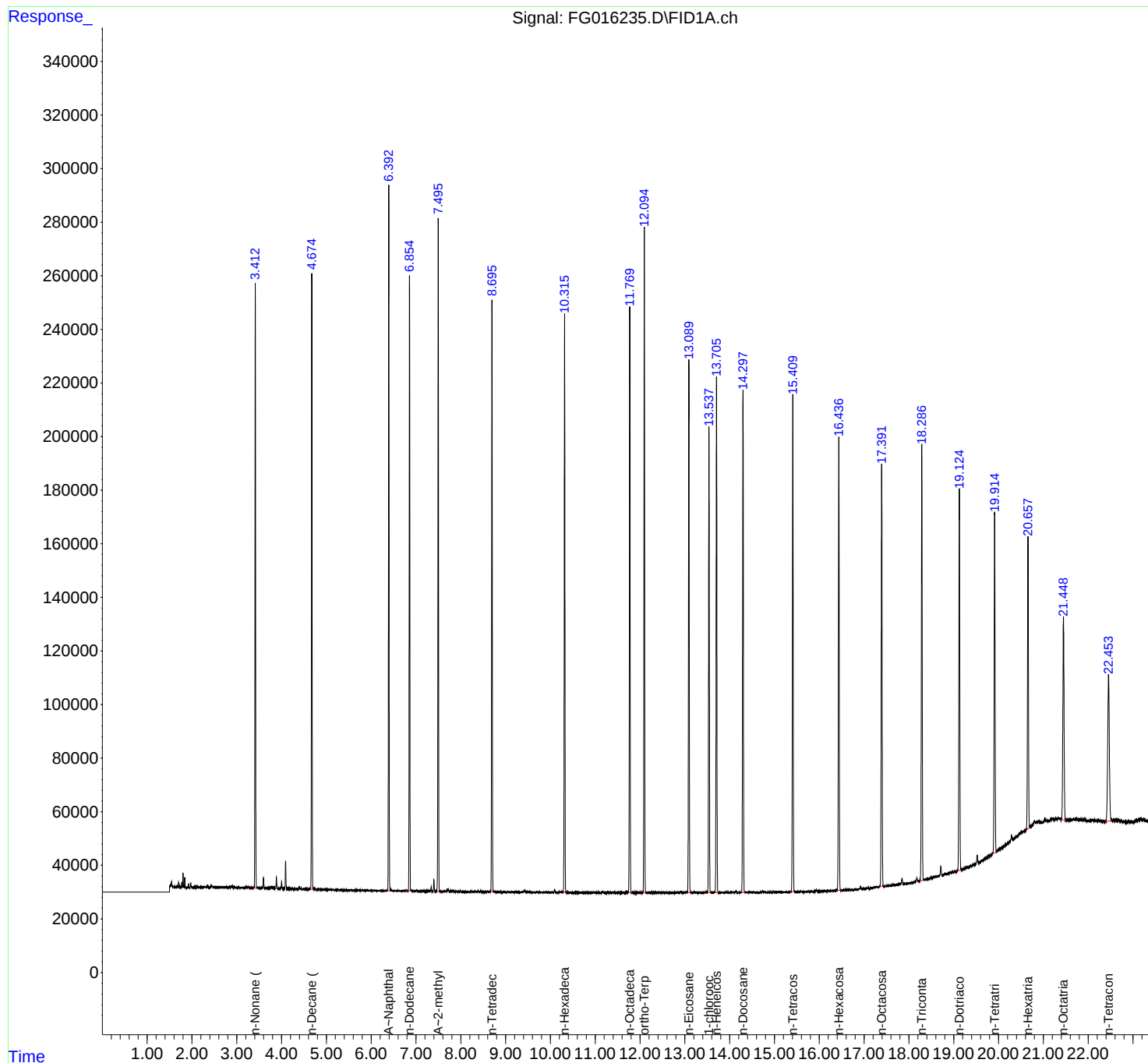
(m)=manual int.

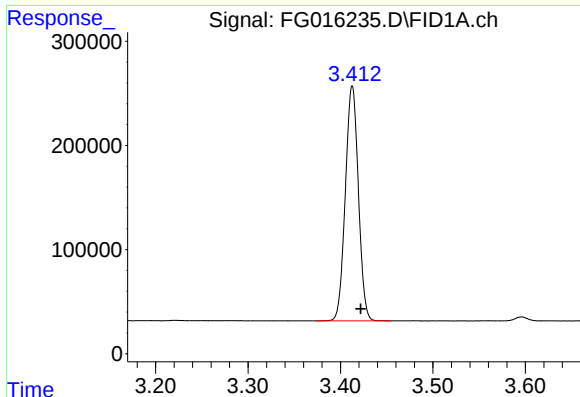
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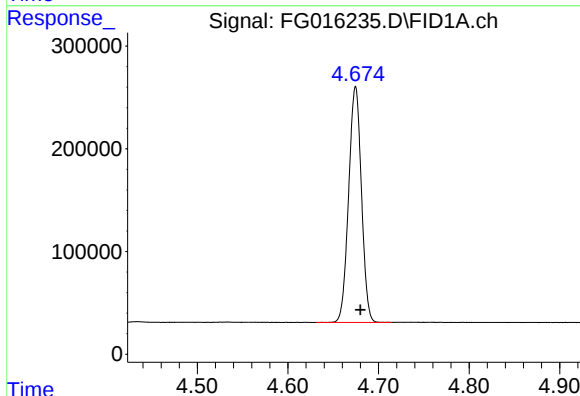




#1 n-Nonane (C9)

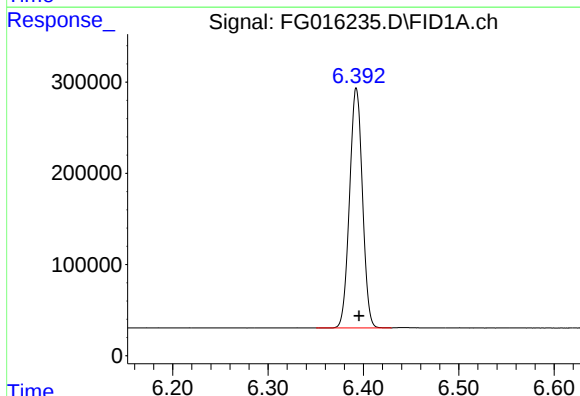
R.T.: 3.413 min
Delta R.T.: -0.009 min
Response: 2210679
Conc: 20.43 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



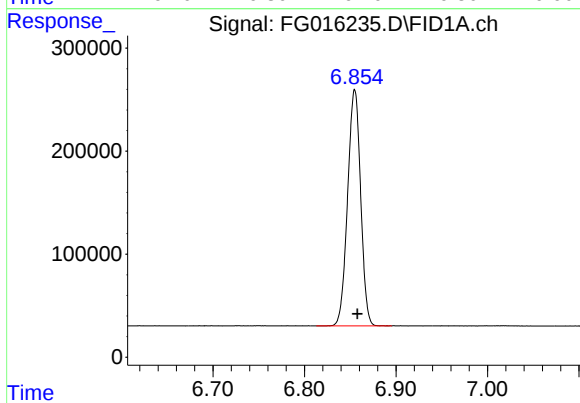
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.005 min
Response: 2248181
Conc: 20.50 ug/ml



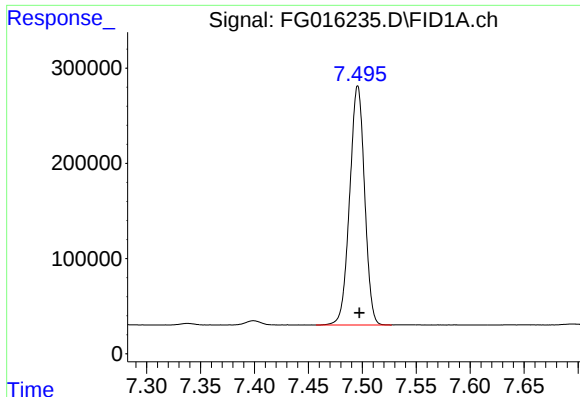
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 2479156
Conc: 20.75 ug/ml



#4 n-Dodecane (C12)

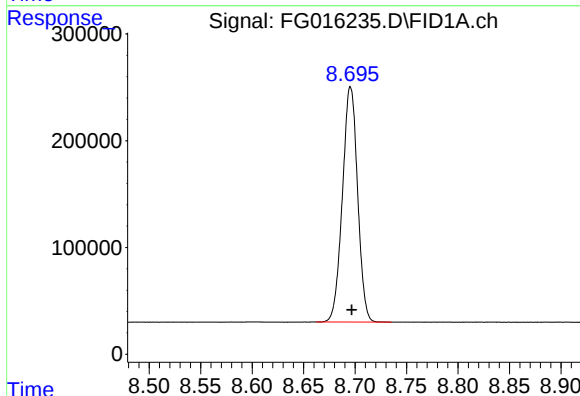
R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 2267274
Conc: 20.59 ug/ml



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

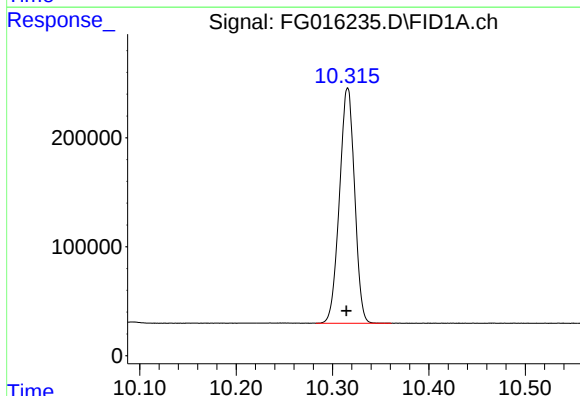
R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 2415754
Conc: 20.77 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



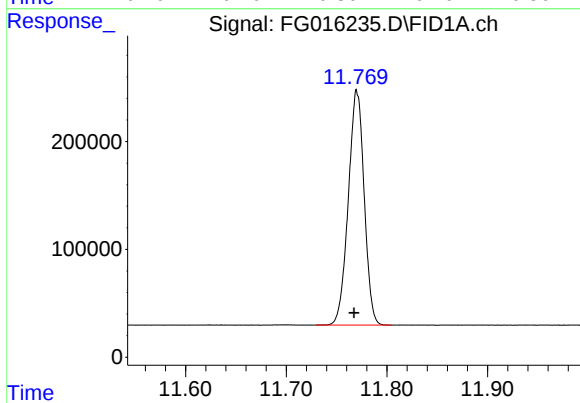
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: -0.001 min
Response: 2264981
Conc: 20.62 ug/ml



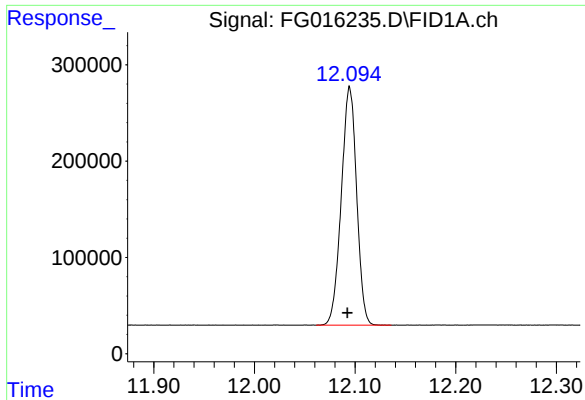
#7 n-Hexadecane (C16)

R.T.: 10.316 min
Delta R.T.: 0.001 min
Response: 2346294
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

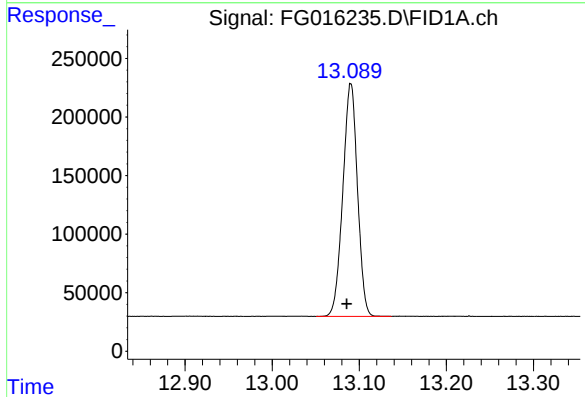
R.T.: 11.770 min
Delta R.T.: 0.003 min
Response: 2387002
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

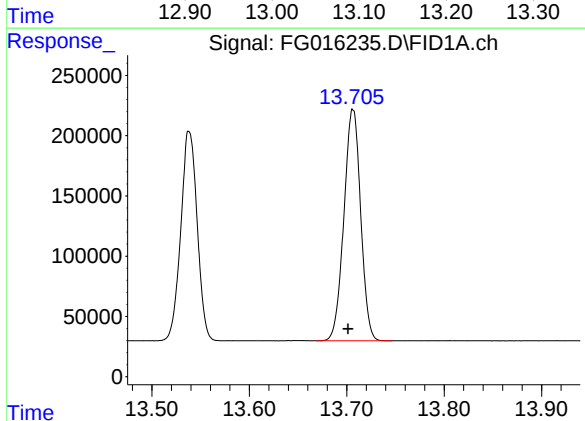
R.T.: 12.095 min
Delta R.T.: 0.002 min
Response: 2621963
Conc: 20.32 ug/ml

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FID_G
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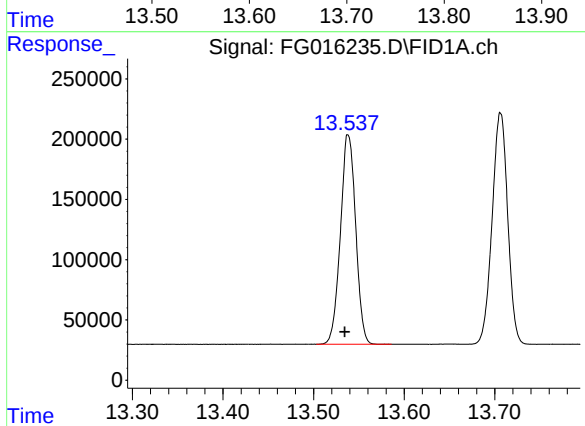
#10 n-Eicosane (C20)

R.T.: 13.090 min
Delta R.T.: 0.005 min
Response: 2323279
Conc: 20.41 ug/ml



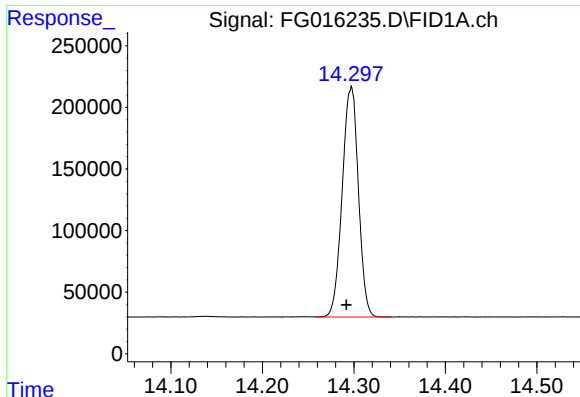
#11 n-Heneicosane (C21)

R.T.: 13.706 min
Delta R.T.: 0.005 min
Response: 2298891
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

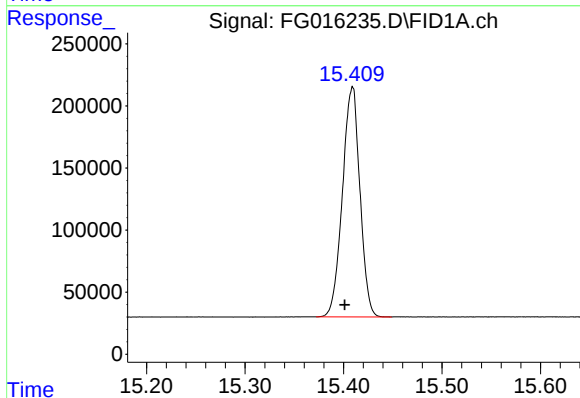
R.T.: 13.538 min
Delta R.T.: 0.004 min
Response: 2037148
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

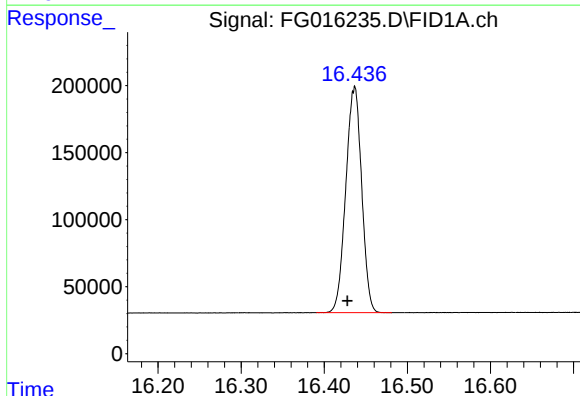
R.T.: 14.297 min
Delta R.T.: 0.005 min
Response: 2294268
Conc: 20.18 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



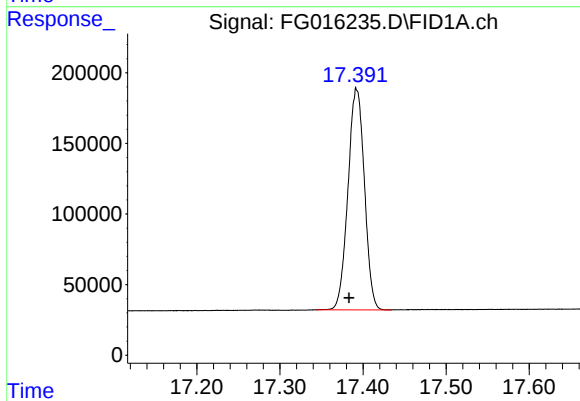
#14 n-Tetracosane (C24)

R.T.: 15.409 min
Delta R.T.: 0.008 min
Response: 2286783
Conc: 19.83 ug/ml



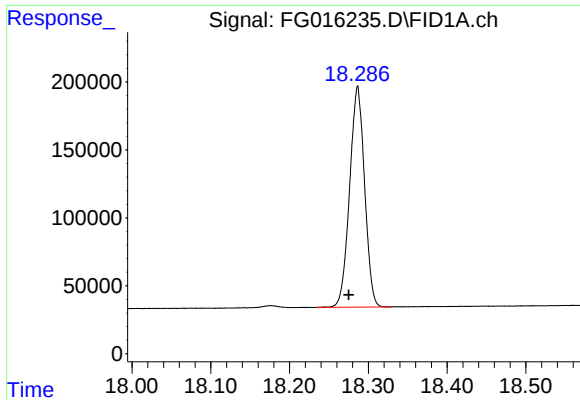
#15 n-Hexacosane (C26)

R.T.: 16.437 min
Delta R.T.: 0.009 min
Response: 2235019
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

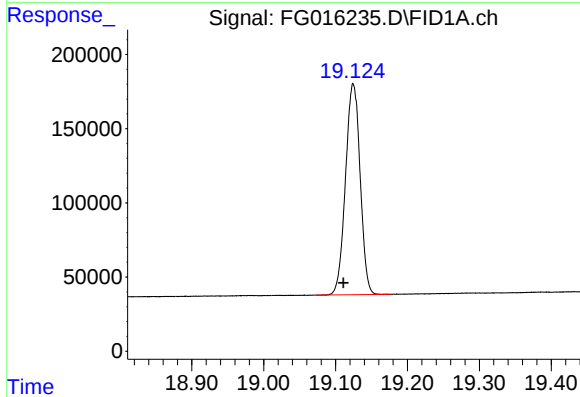
R.T.: 17.392 min
Delta R.T.: 0.009 min
Response: 2154653
Conc: 18.99 ug/ml



#17 n-Tricontane (C30)

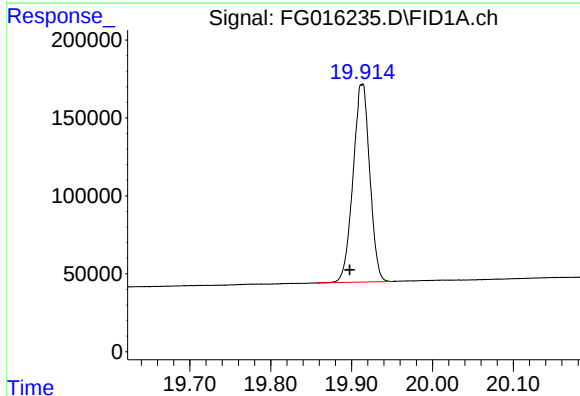
R.T.: 18.286 min
Delta R.T.: 0.011 min
Response: 2138092
Conc: 18.67 ug/ml

Instrument :
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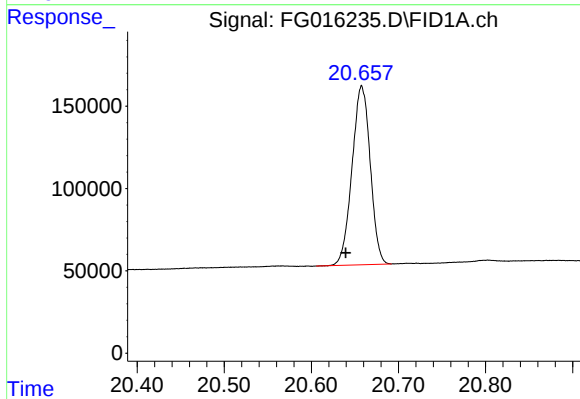
#18 n-Dotriacontane (C32)

R.T.: 19.125 min
Delta R.T.: 0.013 min
Response: 2011246
Conc: 18.45 ug/ml



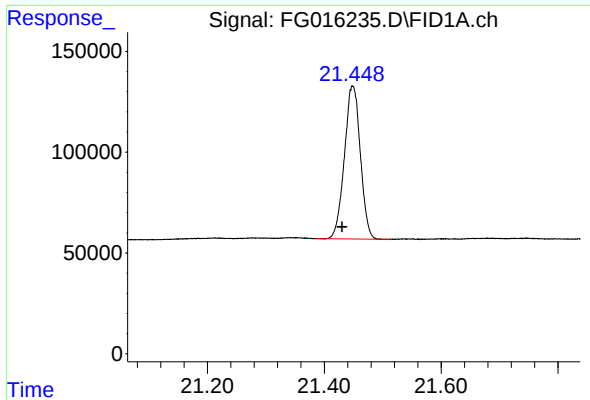
#19 n-Tetratriacontane (C34)

R.T.: 19.913 min
Delta R.T.: 0.015 min
Response: 1823084
Conc: 18.43 ug/ml



#20 n-Hexatriacontane (C36)

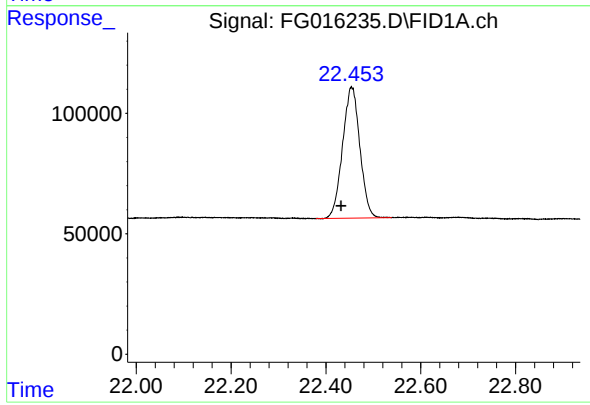
R.T.: 20.658 min
Delta R.T.: 0.018 min
Response: 1575984
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.449 min
Delta R.T.: 0.018 min
Response: 1438851
Conc: 19.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.454 min
Delta R.T.: 0.022 min
Response: 1380057
Conc: 19.96 ug/ml