

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG063025AL\
 Data File : FG016173.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 12:40
 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: Jun 30 14:21:16 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)	12.091	2809013	21.771 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
12) S 1-chlorooctadecane (S...	13.535	2179952	21.634 ug/ml
Spiked Amount 50.000		Recovery =	43.27%
Target Compounds			
1) T n-Nonane (C9)	3.416	2307300	21.325 ug/ml
2) T n-Decane (C10)	4.676	2357253	21.490 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2577469	21.572 ug/ml
4) T n-Dodecane (C12)	6.855	2385026	21.660 ug/ml
5) T A~2-methylnaphthalene...	7.494	2521167	21.676 ug/ml
6) T n-Tetradecane (C14)	8.695	2400467	21.858 ug/ml
7) T n-Hexadecane (C16)	10.313	2494075	21.910 ug/ml
8) T n-Octadecane (C18)	11.767	2545048	21.862 ug/ml
10) T n-Eicosane (C20)	13.086	2482884	21.816 ug/ml
11) T n-Heneicosane (C21)	13.702	2458963	21.720 ug/ml
13) T n-Docosane (C22)	14.293	2469748	21.725 ug/ml
14) T n-Tetracosane (C24)	15.404	2487884	21.575 ug/ml
15) T n-Hexacosane (C26)	16.431	2477854	21.532 ug/ml
16) T n-Octacosane (C28)	17.387	2467105	21.738 ug/ml
17) T n-Tricontane (C30)	18.279	2557937	22.342 ug/ml
18) T n-Dotriacontane (C32)	19.118	2442210	22.400 ug/ml
19) T n-Tetratriacontane (C34)	19.904	2147573	21.707 ug/ml
20) T n-Hexatriacontane (C36)	20.646	1799959	21.206 ug/ml
21) T n-Octatriacontane (C38)	21.436	1587147	21.024 ug/ml
22) T n-Tetracontane (C40)	22.436	1467054	21.216 ug/ml

(f)=RT Delta > 1/2 Window

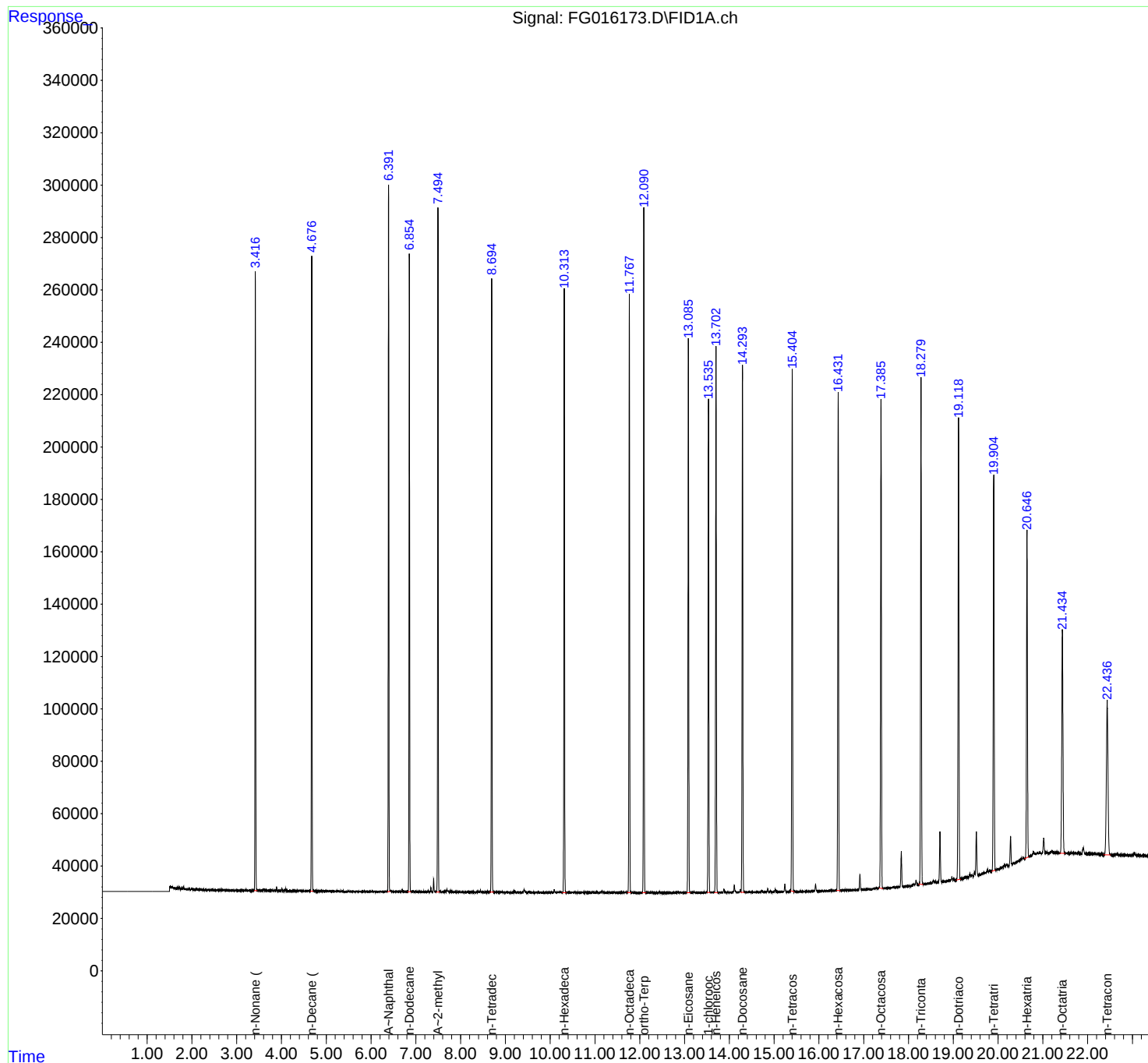
(m)=manual int.

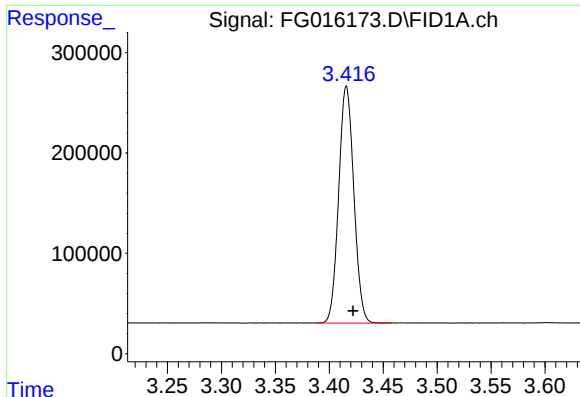
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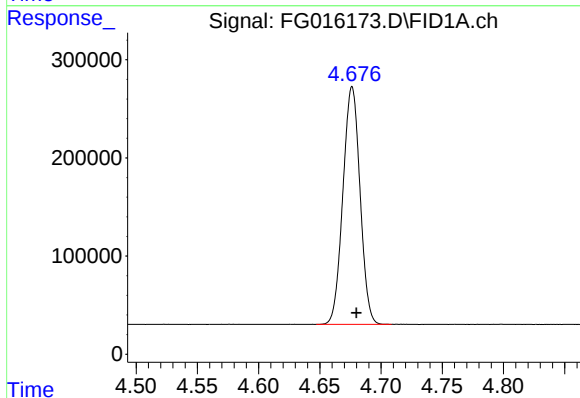




#1 n-Nonane (C9)

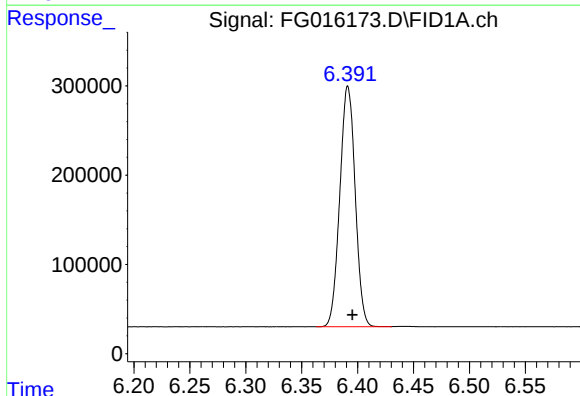
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 2307300
Conc: 21.32 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



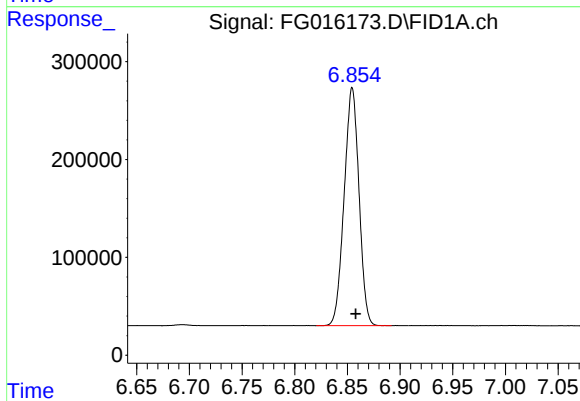
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 2357253
Conc: 21.49 ug/ml



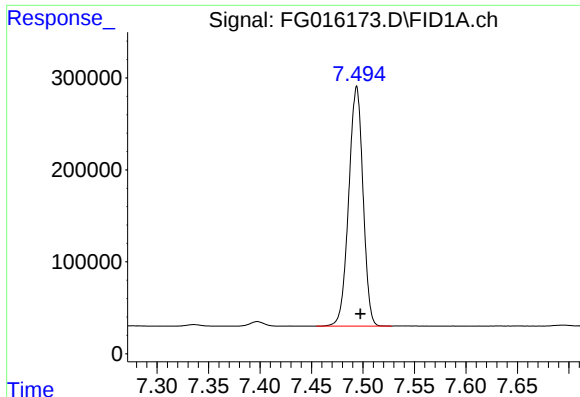
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 2577469
Conc: 21.57 ug/ml



#4 n-Dodecane (C12)

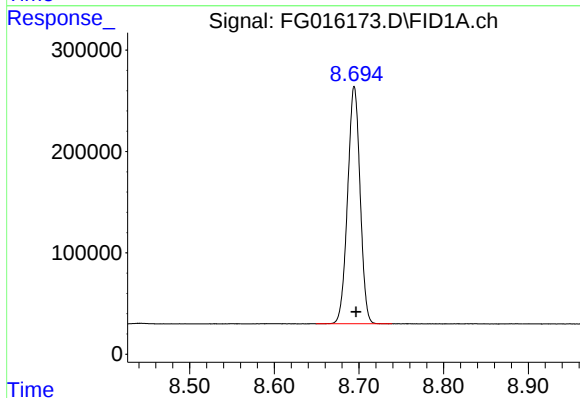
R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 2385026
Conc: 21.66 ug/ml



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

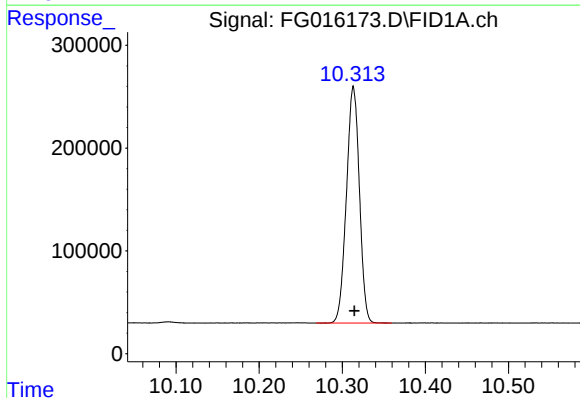
R.T.: 7.494 min
Delta R.T.: -0.003 min
Response: 2521167
Conc: 21.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



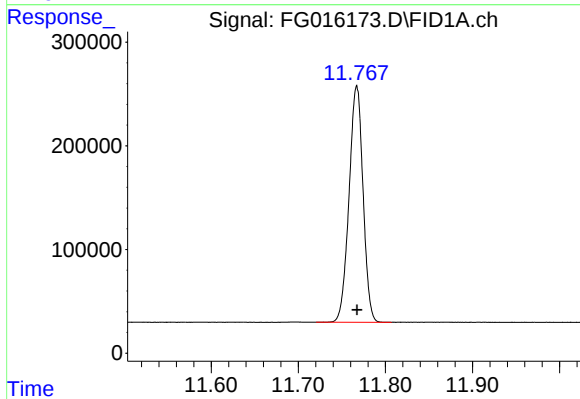
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 2400467
Conc: 21.86 ug/ml



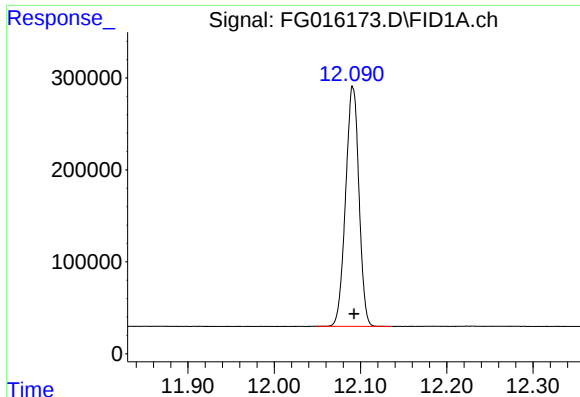
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.001 min
Response: 2494075
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

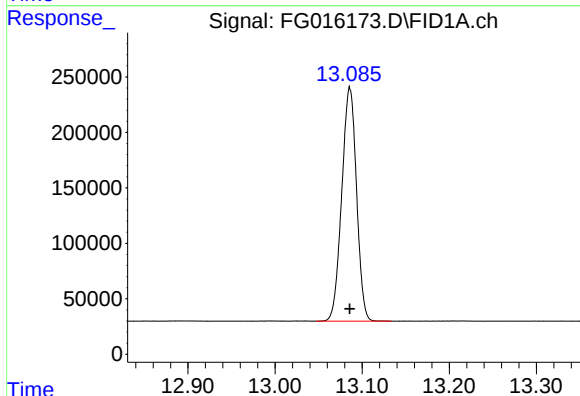
R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 2545048
Conc: 21.86 ug/ml



#9 ortho-Terphenyl (SURR)

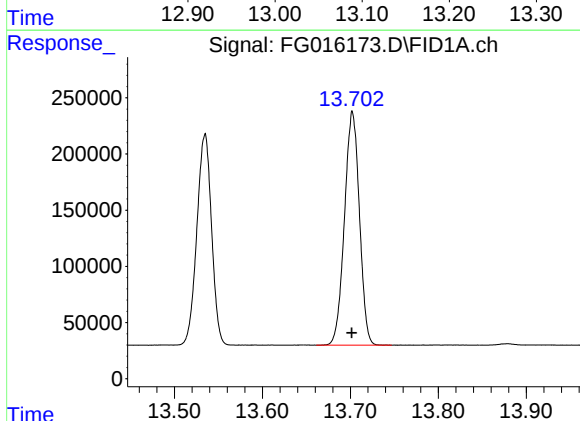
R.T.: 12.091 min
Delta R.T.: -0.001 min
Response: 2809013
Conc: 21.77 ug/ml

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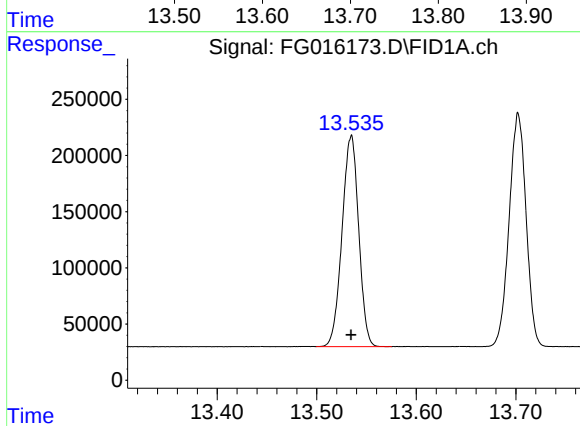
#10 n-Eicosane (C20)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2482884
Conc: 21.82 ug/ml



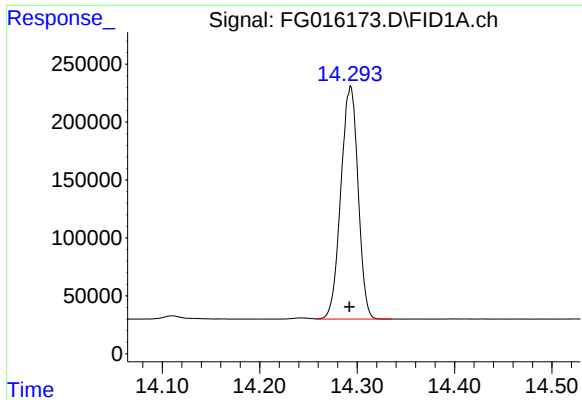
#11 n-Heneicosane (C21)

R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 2458963
Conc: 21.72 ug/ml



#12 1-chlorooctadecane (SURR)

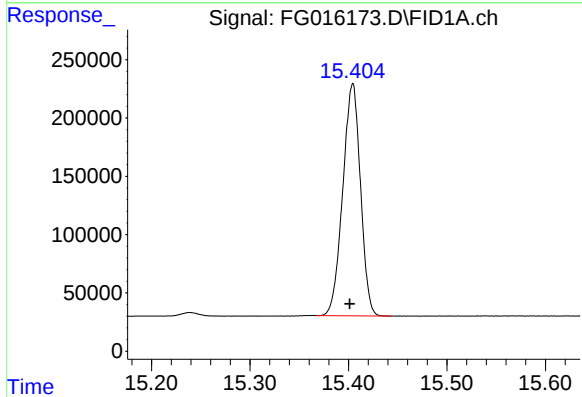
R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 2179952
Conc: 21.63 ug/ml



#13 n-Docosane (C22)

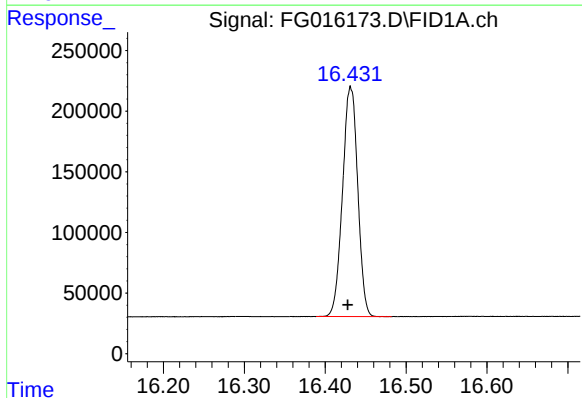
R.T.: 14.293 min
Delta R.T.: 0.001 min
Response: 2469748
Conc: 21.73 ug/ml

Instrument :
FID_G
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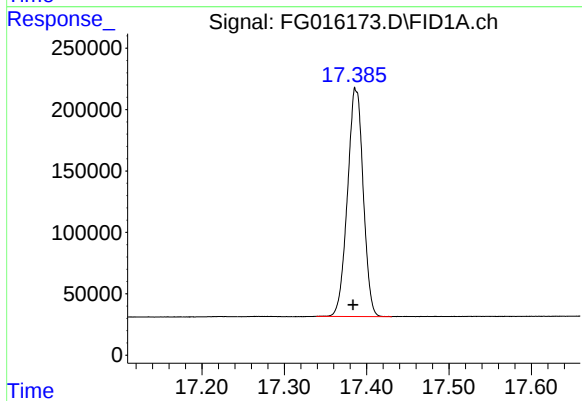
#14 n-Tetracosane (C24)

R.T.: 15.404 min
Delta R.T.: 0.003 min
Response: 2487884
Conc: 21.58 ug/ml



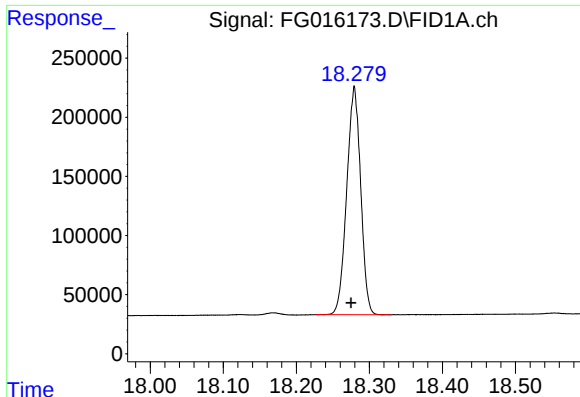
#15 n-Hexacosane (C26)

R.T.: 16.431 min
Delta R.T.: 0.004 min
Response: 2477854
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

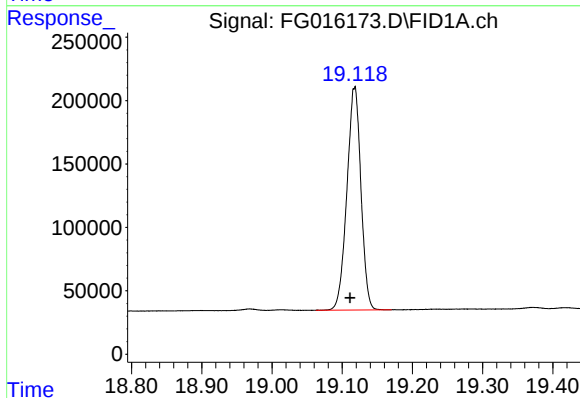
R.T.: 17.387 min
Delta R.T.: 0.003 min
Response: 2467105
Conc: 21.74 ug/ml



#17 n-Tricontane (C30)

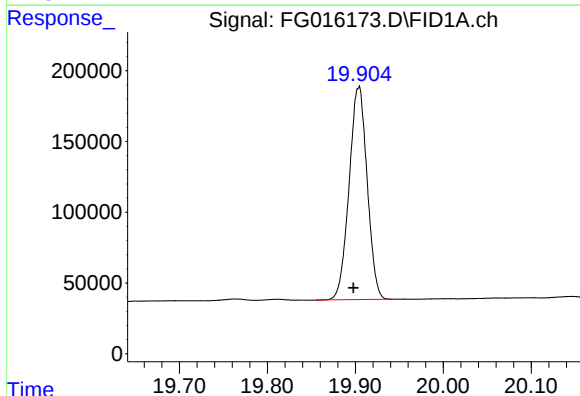
R.T.: 18.279 min
Delta R.T.: 0.004 min
Response: 2557937
Conc: 22.34 ug/ml

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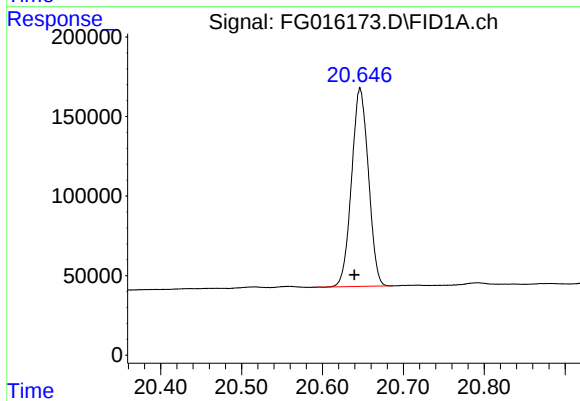
#18 n-Dotriacontane (C32)

R.T.: 19.118 min
Delta R.T.: 0.007 min
Response: 2442210
Conc: 22.40 ug/ml



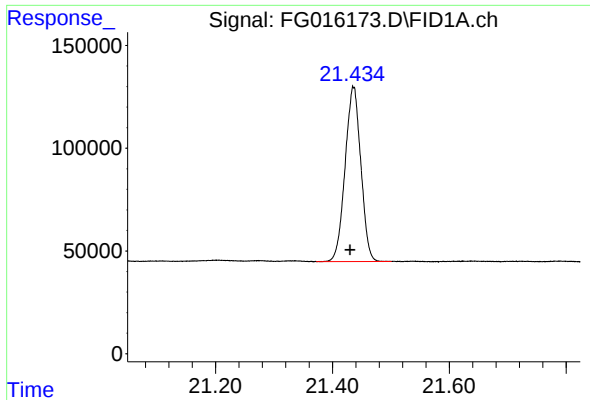
#19 n-Tetratriacontane (C34)

R.T.: 19.904 min
Delta R.T.: 0.006 min
Response: 2147573
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

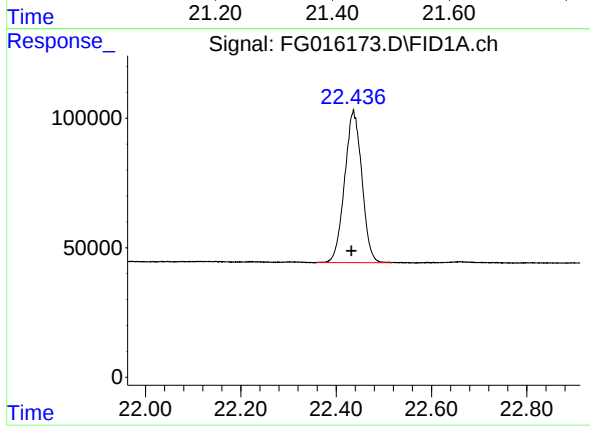
R.T.: 20.646 min
Delta R.T.: 0.007 min
Response: 1799959
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.436 min
Delta R.T.: 0.006 min
Response: 1587147
Conc: 21.02 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.436 min
Delta R.T.: 0.004 min
Response: 1467054
Conc: 21.22 ug/ml