

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071525AL\
 Data File : FC069455.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2025 14:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 15 14:48:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.669	2840957	19.143 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	13.104	2165816	19.165 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T n-Nonane (C9)	3.401	2636616	19.375 ug/ml
2) T n-Decane (C10)	4.474	2697116	19.378 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2921636	19.335 ug/ml
4) T n-Dodecane (C12)	6.499	2744763	19.365 ug/ml
5) T A~2-methylnaphthalene...	7.128	2819142	19.297 ug/ml
6) T n-Tetradecane (C14)	8.298	2752248	19.357 ug/ml
7) T n-Hexadecane (C16)	9.902	2817057	19.300 ug/ml
8) T n-Octadecane (C18)	11.347	2769163	19.251 ug/ml
10) T n-Eicosane (C20)	12.658	2577415	19.199 ug/ml
11) T n-Heneicosane (C21)	13.270	2489127	19.163 ug/ml
13) T n-Docosane (C22)	13.858	2433508	19.160 ug/ml
14) T n-Tetracosane (C24)	14.962	2338884	19.163 ug/ml
15) T n-Hexacosane (C26)	15.983	2224561	19.147 ug/ml
16) T n-Octacosane (C28)	16.935	2121432	19.162 ug/ml
17) T n-Tricontane (C30)	17.824	2099050	19.170 ug/ml
18) T n-Dotriacontane (C32)	18.658	1993439	19.210 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1815076	19.263 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1590385	19.254 ug/ml
21) T n-Octatriacontane (C38)	20.949	1463606	19.270 ug/ml
22) T n-Tetracontane (C40)	21.913	1408946	19.235 ug/ml

(f)=RT Delta > 1/2 Window

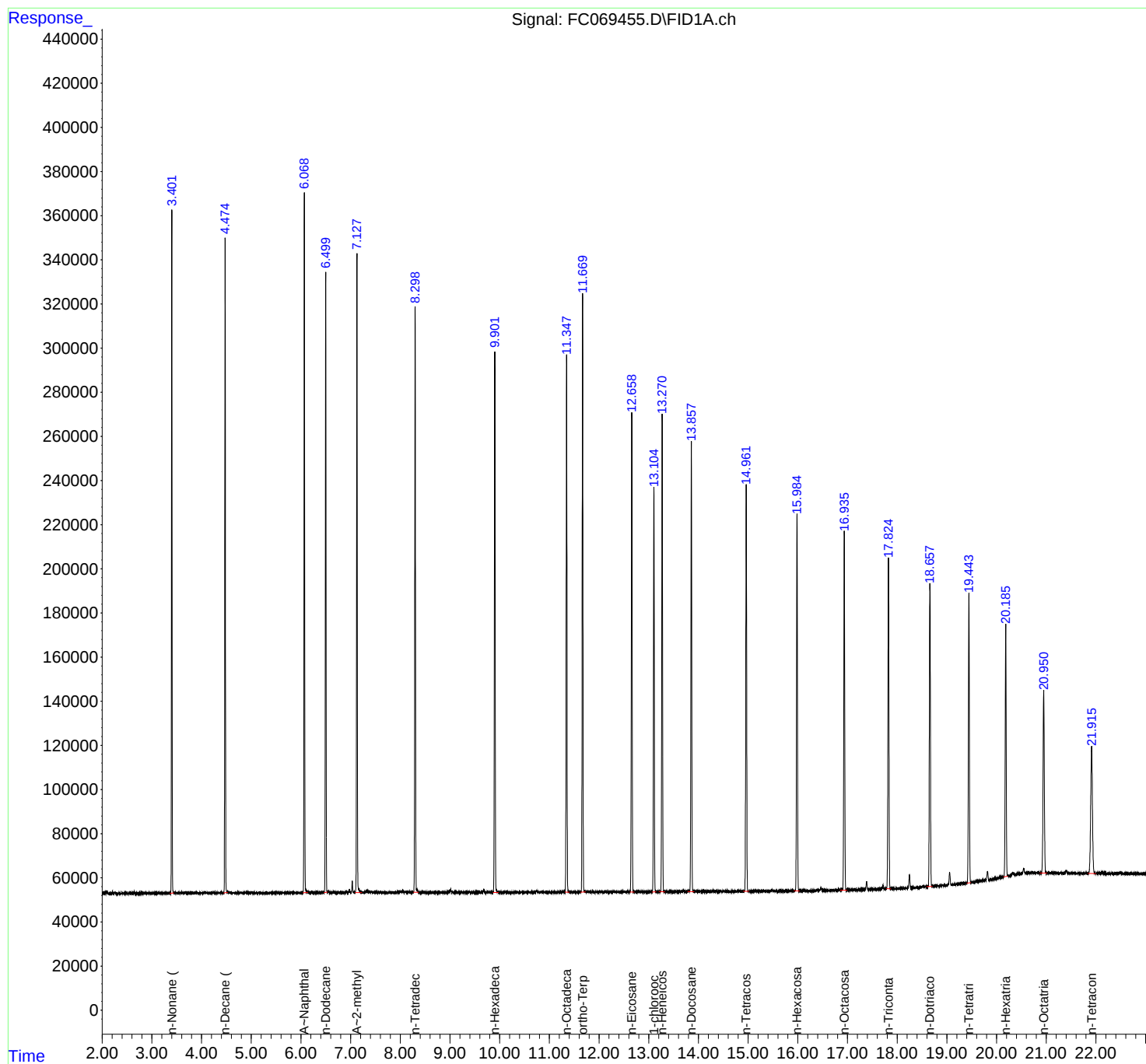
(m)=manual int.

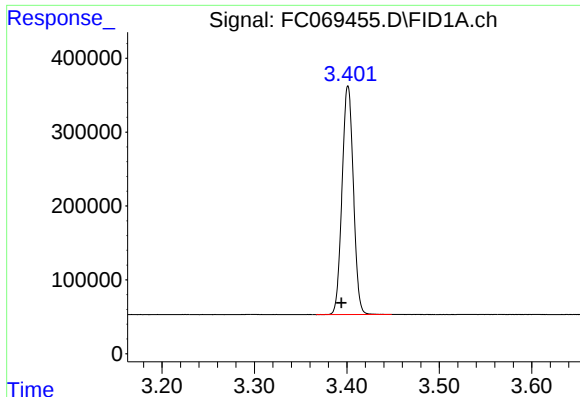
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071525AL\
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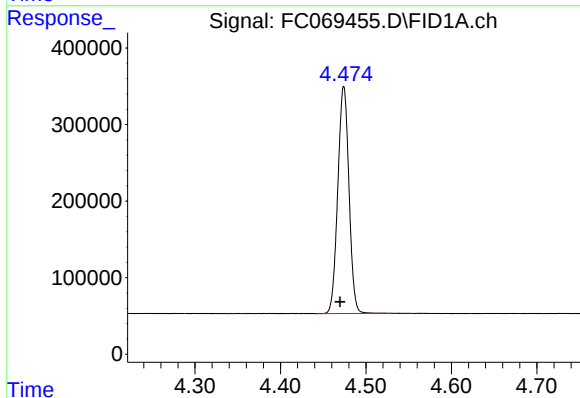




#1 n-Nonane (C9)

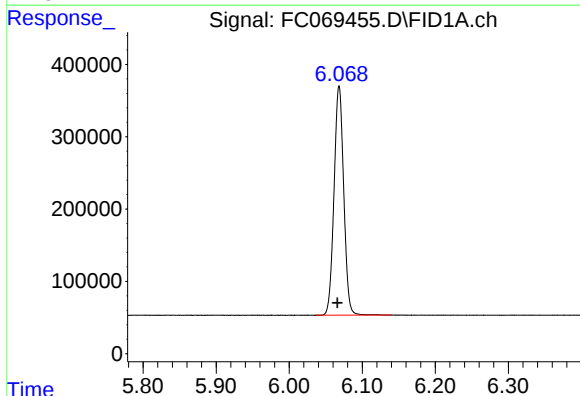
R.T.: 3.401 min
Delta R.T.: 0.007 min
Response: 2636616
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



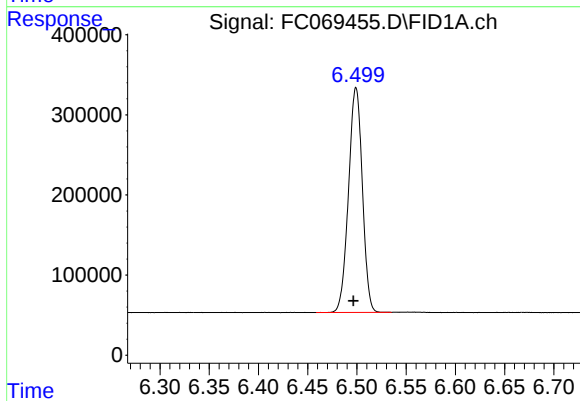
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.004 min
Response: 2697116
Conc: 19.38 ug/ml



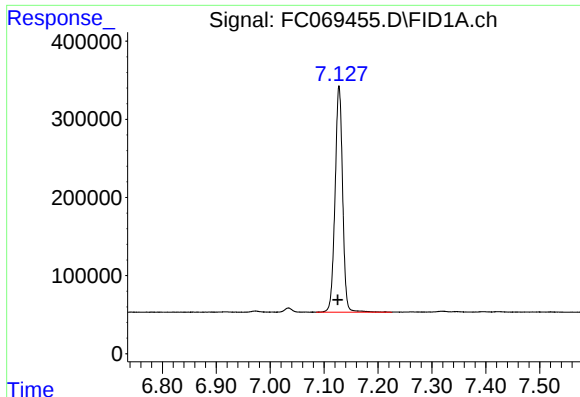
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2921636
Conc: 19.33 ug/ml



#4 n-Dodecane (C12)

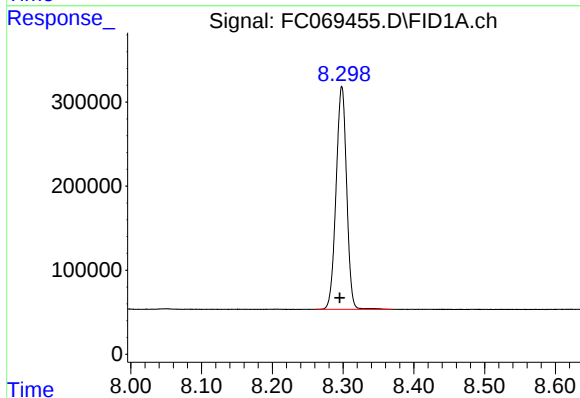
R.T.: 6.499 min
Delta R.T.: 0.003 min
Response: 2744763
Conc: 19.37 ug/ml



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

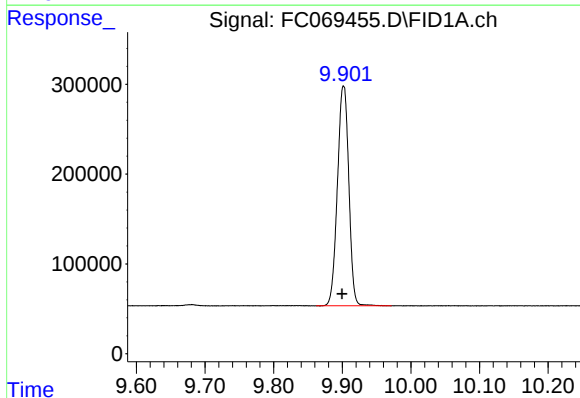
R.T.: 7.128 min
Delta R.T.: 0.002 min
Response: 2819142
Conc: 19.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



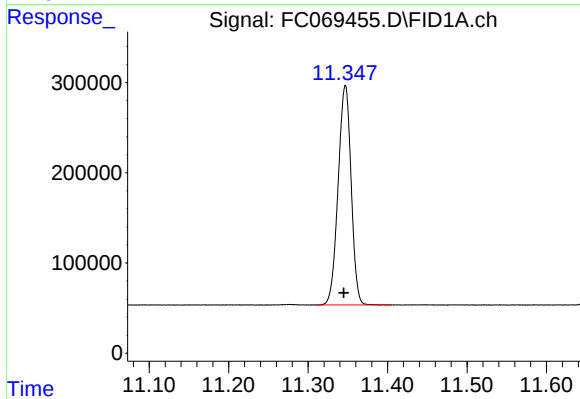
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.003 min
Response: 2752248
Conc: 19.36 ug/ml



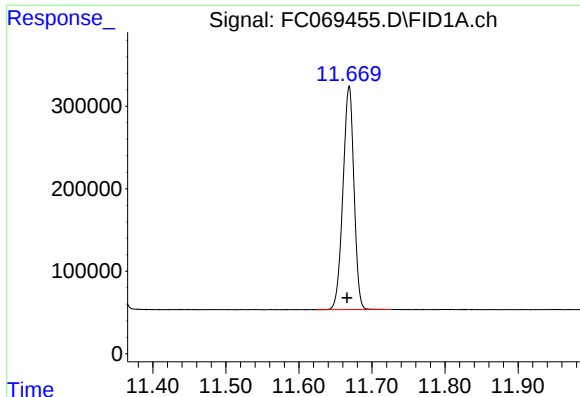
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.002 min
Response: 2817057
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

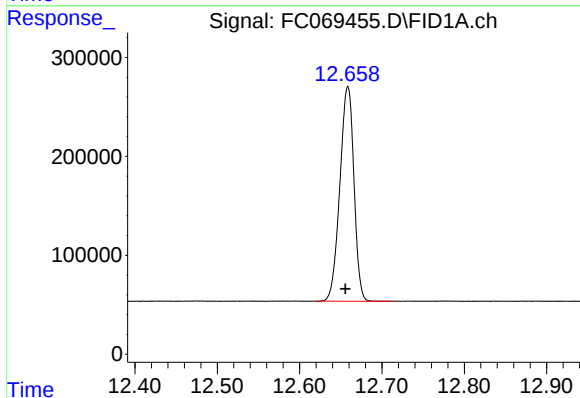
R.T.: 11.347 min
Delta R.T.: 0.002 min
Response: 2769163
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

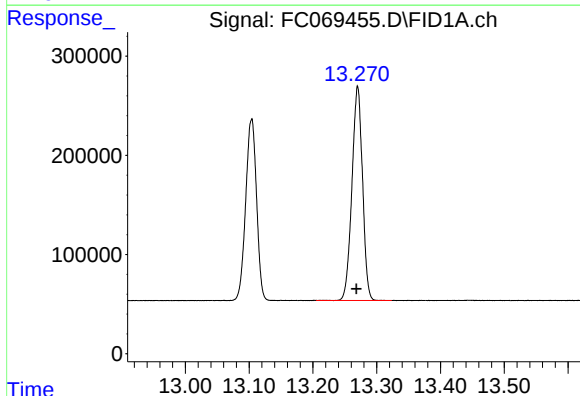
R.T.: 11.669 min
Delta R.T.: 0.003 min
Response: 2840957
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



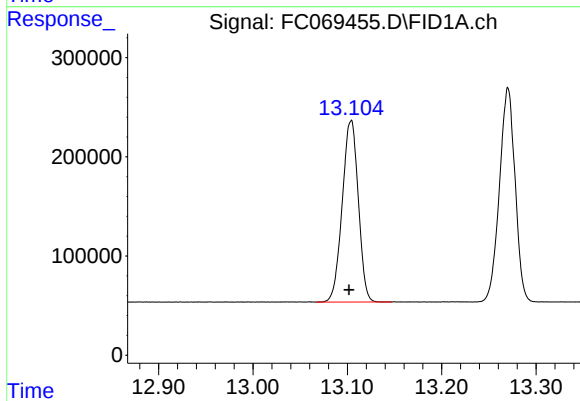
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.003 min
Response: 2577415
Conc: 19.20 ug/ml



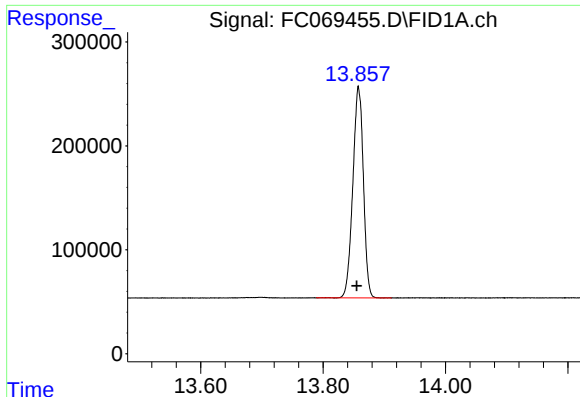
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.002 min
Response: 2489127
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

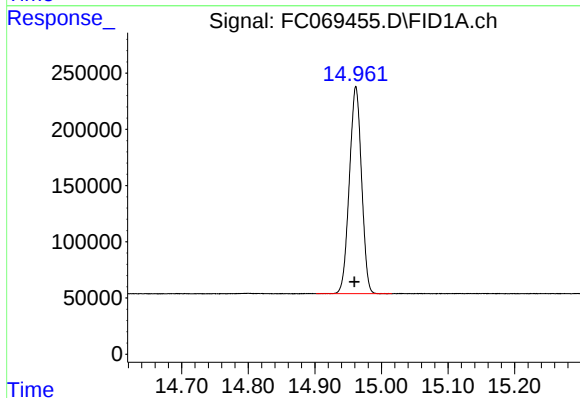
R.T.: 13.104 min
Delta R.T.: 0.002 min
Response: 2165816
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

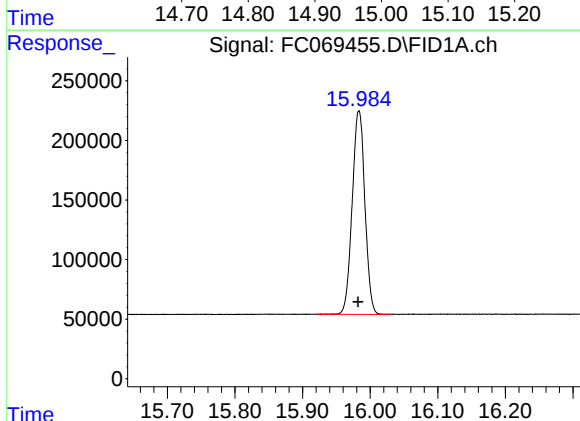
R.T.: 13.858 min
Delta R.T.: 0.003 min
Response: 2433508
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



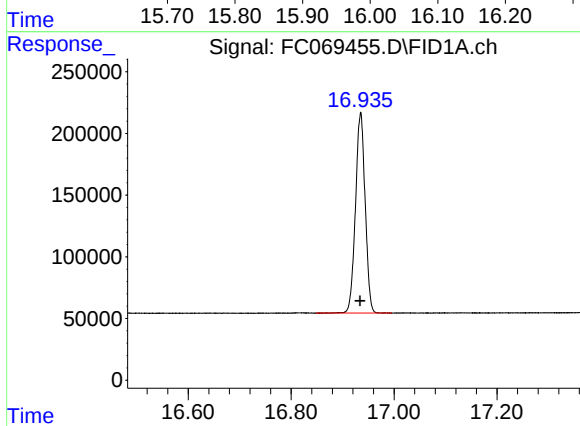
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.002 min
Response: 2338884
Conc: 19.16 ug/ml



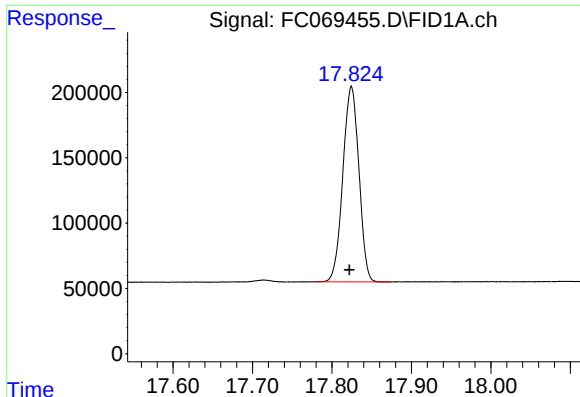
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.001 min
Response: 2224561
Conc: 19.15 ug/ml



#16 n-Octacosane (C28)

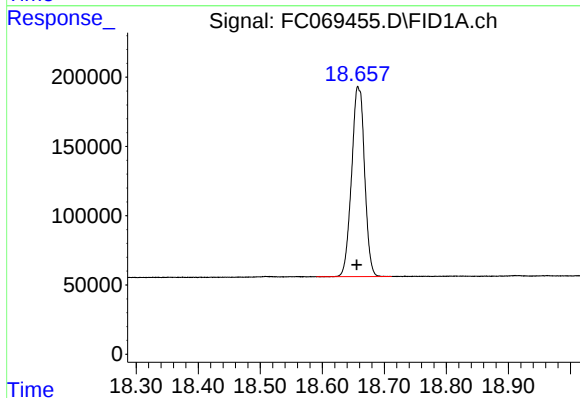
R.T.: 16.935 min
Delta R.T.: 0.001 min
Response: 2121432
Conc: 19.16 ug/ml



#17 n-Tricontane (C30)

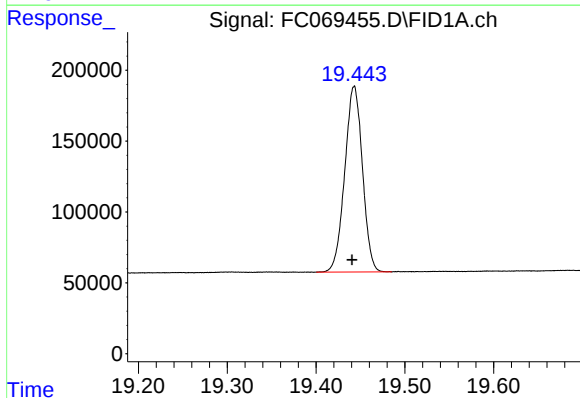
R.T.: 17.824 min
Delta R.T.: 0.002 min
Response: 2099050
Conc: 19.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



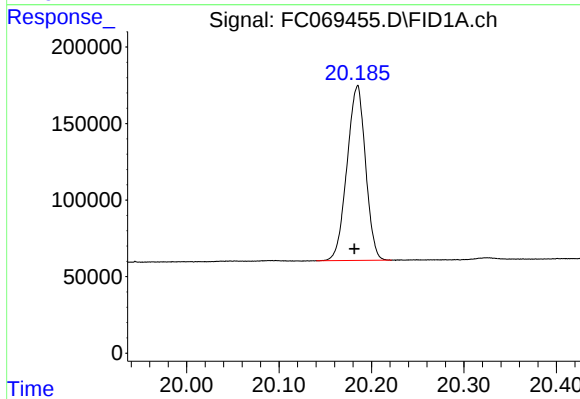
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.003 min
Response: 1993439
Conc: 19.21 ug/ml



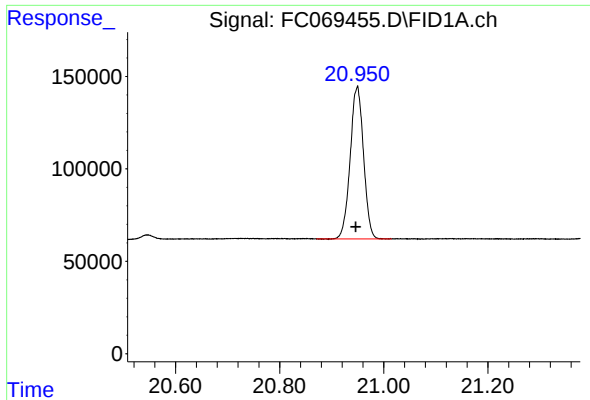
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: 0.002 min
Response: 1815076
Conc: 19.26 ug/ml



#20 n-Hexatriacontane (C36)

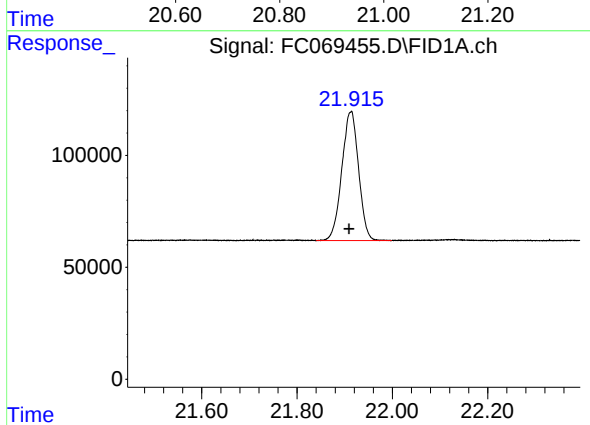
R.T.: 20.185 min
Delta R.T.: 0.003 min
Response: 1590385
Conc: 19.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.003 min
Response: 1463606
Conc: 19.27 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: 0.004 min
Response: 1408946
Conc: 19.24 ug/ml