

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032825AL\
 Data File : FC068432.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 11:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 29 02:29:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 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)	11.383	3853520	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	12.824	2879776	19.318 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T n-Nonane (C9)	3.200	3267010	20.426 ug/ml
2) T n-Decane (C10)	4.254	3338660	20.595 ug/ml
3) T A~Naphthalene (C11.7)	5.818	3635878	20.579 ug/ml
4) T n-Dodecane (C12)	6.260	3378553	20.488 ug/ml
5) T A~2-methylnaphthalene...	6.869	3514215	20.660 ug/ml
6) T n-Tetradecane (C14)	8.047	3350745	20.365 ug/ml
7) T n-Hexadecane (C16)	9.642	3475676	20.225 ug/ml
8) T n-Octadecane (C18)	11.079	3483315	19.845 ug/ml
10) T n-Eicosane (C20)	12.385	3338893	19.495 ug/ml
11) T n-Heneicosane (C21)	12.994	3260965	19.441 ug/ml
13) T n-Docosane (C22)	13.579	3218571	19.079 ug/ml
14) T n-Tetracosane (C24)	14.679	3143794	18.357 ug/ml
15) T n-Hexacosane (C26)	15.699	3037112	18.045 ug/ml
16) T n-Octacosane (C28)	16.646	2941640	17.592 ug/ml
17) T n-Tricontane (C30)	17.532	3006474	17.243 ug/ml
18) T n-Dotriacontane (C32)	18.363	2869186	17.139 ug/ml
19) T n-Tetratriacontane (C34)	19.145	2481191	16.822 ug/ml
20) T n-Hexatriacontane (C36)	19.882	2108064	17.226 ug/ml
21) T n-Octatriacontane (C38)	20.591	1951975	18.177 ug/ml
22) T n-Tetracontane (C40)	21.438	1854587	18.923 ug/ml

(f)=RT Delta > 1/2 Window

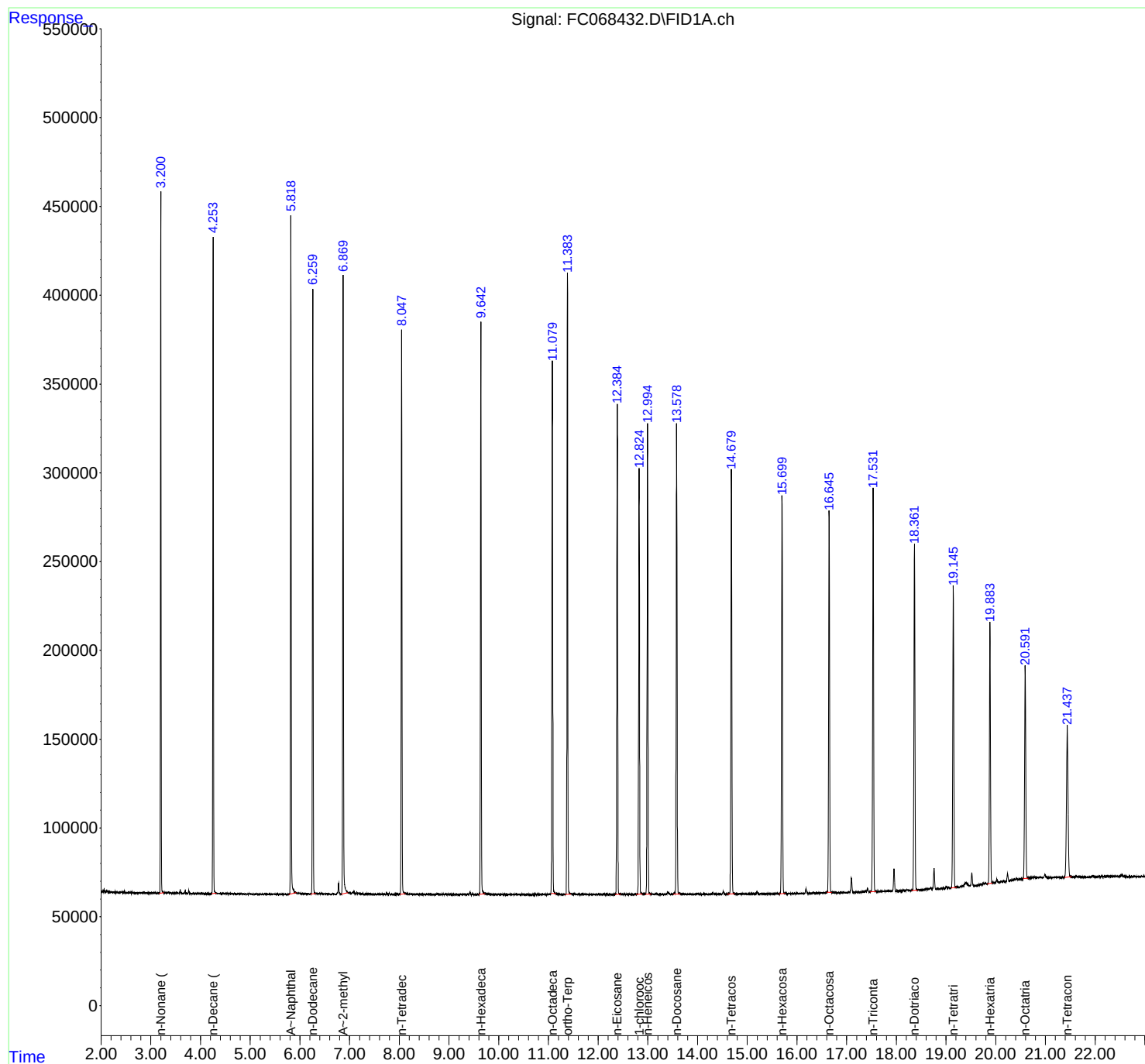
(m)=manual int.

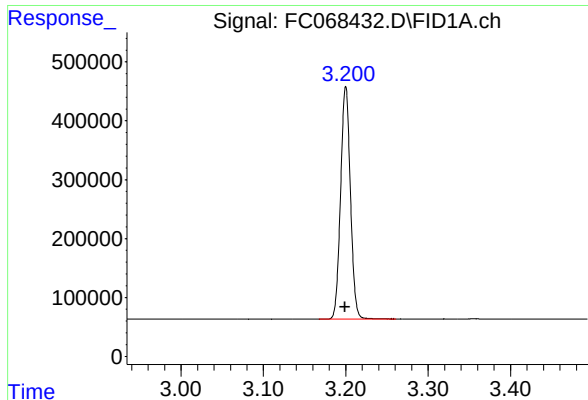
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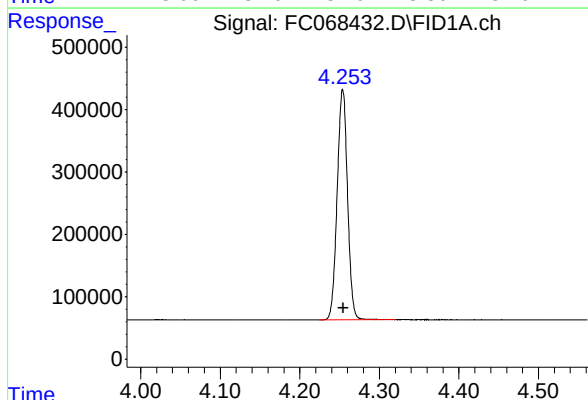




#1 n-Nonane (C9)

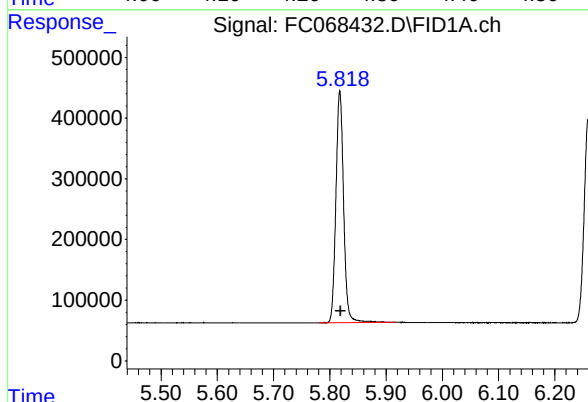
R.T.: 3.200 min
Delta R.T.: 0.001 min
Response: 3267010
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



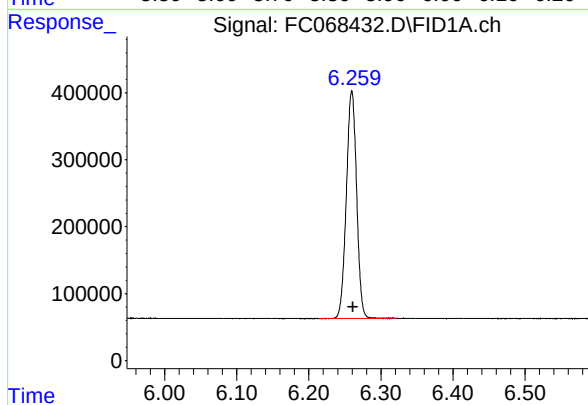
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 3338660
Conc: 20.60 ug/ml



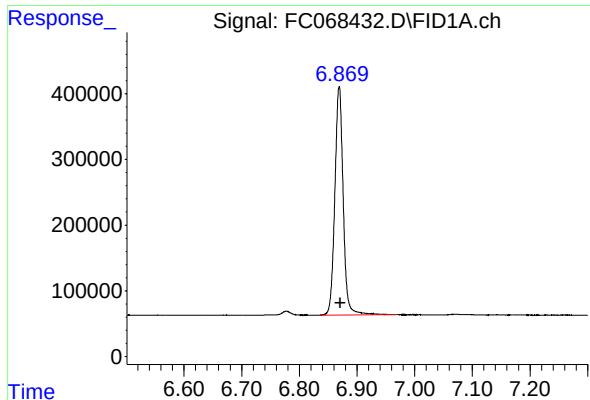
#3 A~Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: -0.001 min
Response: 3635878
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

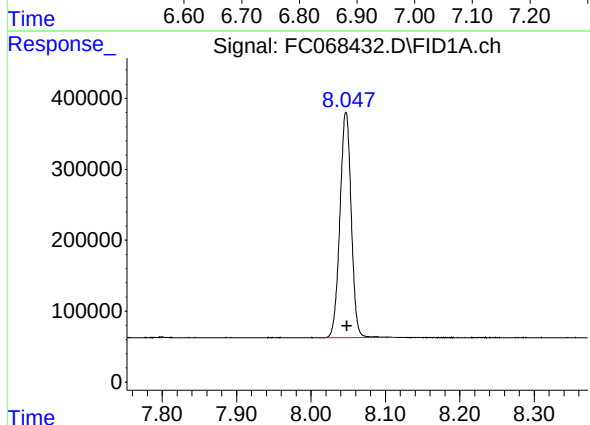
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 3378553
Conc: 20.49 ug/ml



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

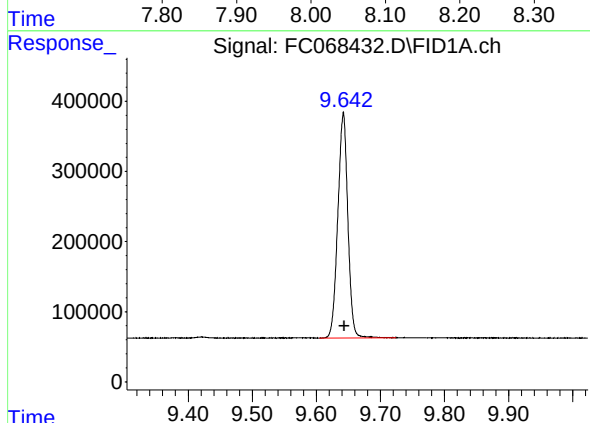
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 3514215
Conc: 20.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



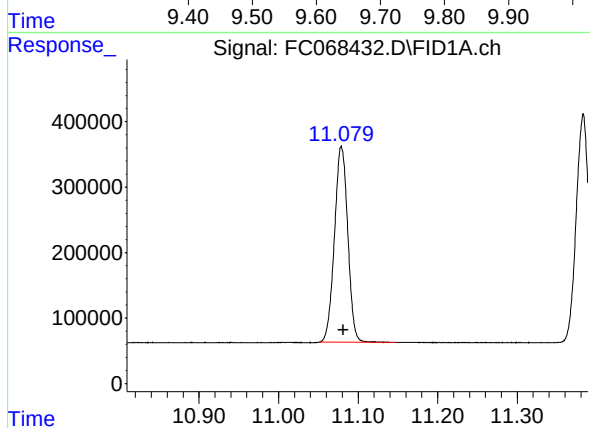
#6 n-Tetradecane (C14)

R.T.: 8.047 min
Delta R.T.: -0.001 min
Response: 3350745
Conc: 20.36 ug/ml



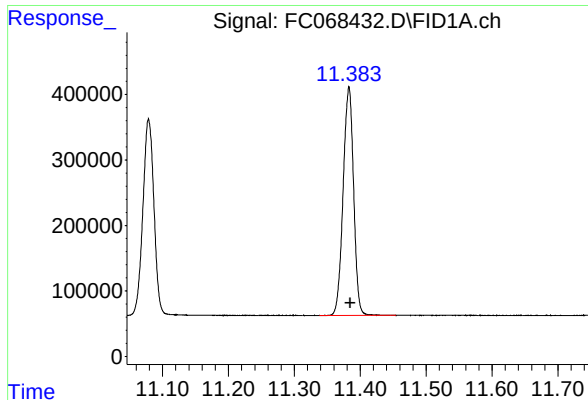
#7 n-Hexadecane (C16)

R.T.: 9.642 min
Delta R.T.: -0.002 min
Response: 3475676
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

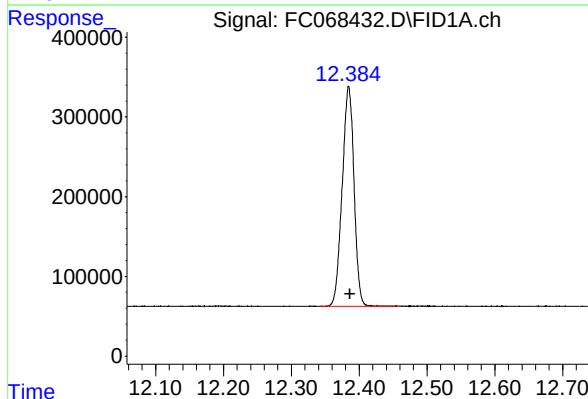
R.T.: 11.079 min
Delta R.T.: -0.002 min
Response: 3483315
Conc: 19.84 ug/ml



#9 ortho-Terphenyl (SURR)

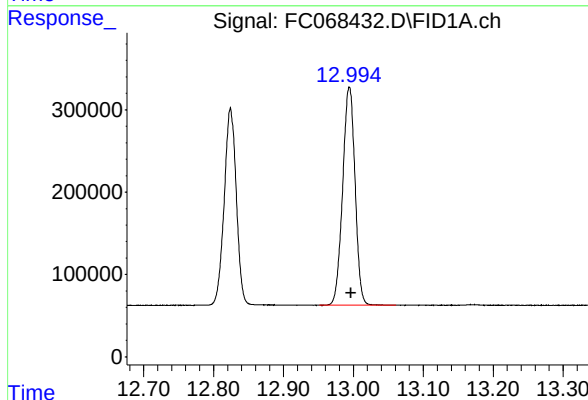
R.T.: 11.383 min
Delta R.T.: -0.002 min
Response: 3853520
Conc: 19.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



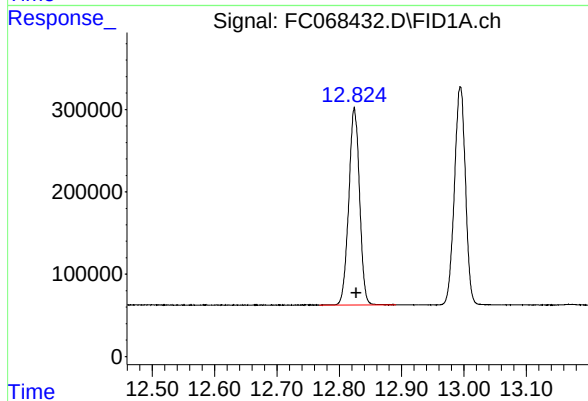
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 3338893
Conc: 19.50 ug/ml



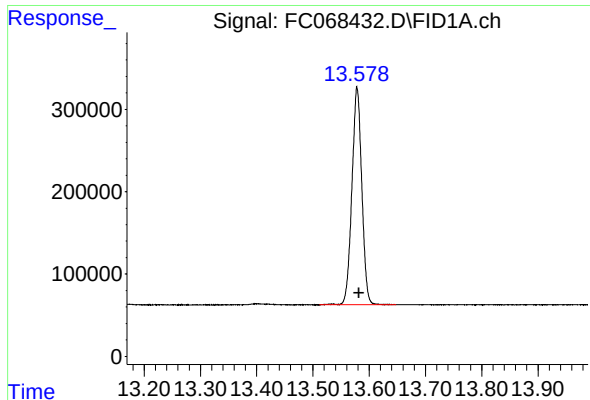
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.003 min
Response: 3260965
Conc: 19.44 ug/ml



#12 1-chlorooctadecane (SURR)

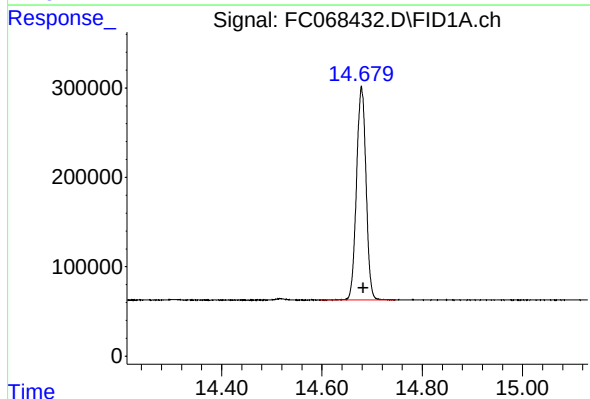
R.T.: 12.824 min
Delta R.T.: -0.003 min
Response: 2879776
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

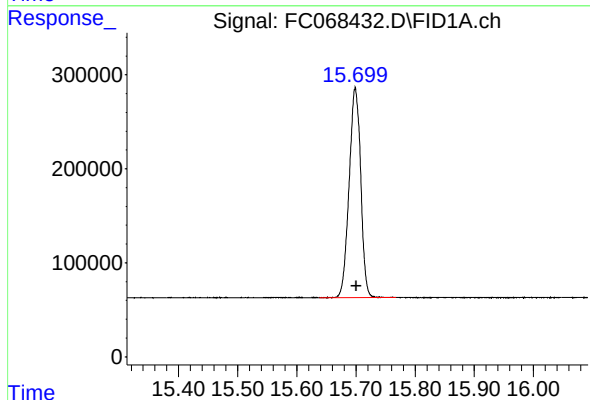
R.T.: 13.579 min
Delta R.T.: -0.003 min
Response: 3218571
Conc: 19.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



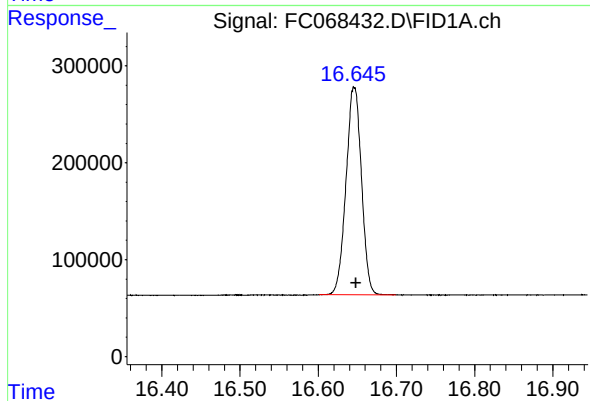
#14 n-Tetracosane (C24)

R.T.: 14.679 min
Delta R.T.: -0.004 min
Response: 3143794
Conc: 18.36 ug/ml



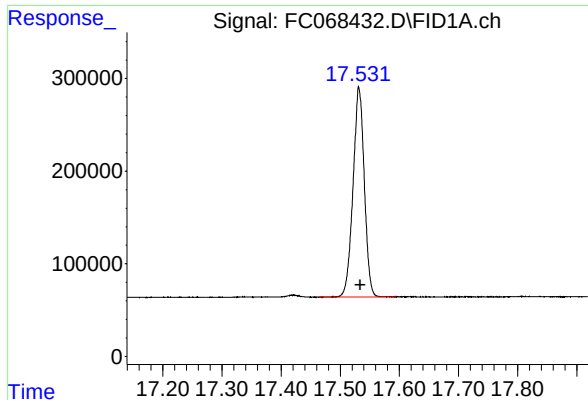
#15 n-Hexacosane (C26)

R.T.: 15.699 min
Delta R.T.: -0.001 min
Response: 3037112
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

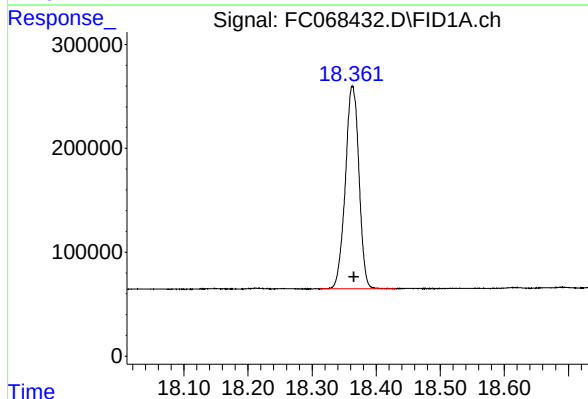
R.T.: 16.646 min
Delta R.T.: -0.002 min
Response: 2941640
Conc: 17.59 ug/ml



#17 n-Tricontane (C30)

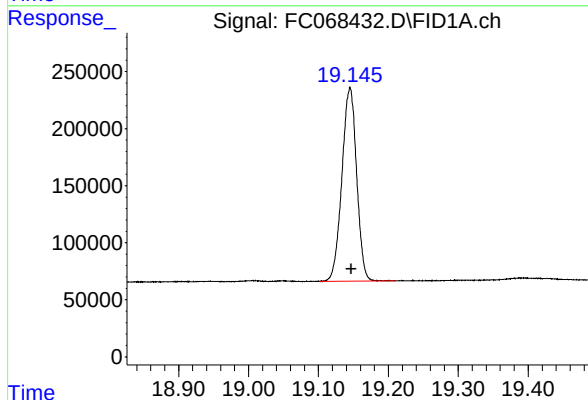
R.T.: 17.532 min
Delta R.T.: -0.002 min
Response: 3006474
Conc: 17.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



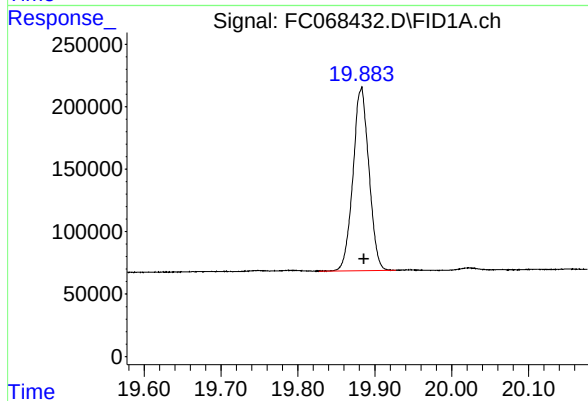
#18 n-Dotriacontane (C32)

R.T.: 18.363 min
Delta R.T.: -0.002 min
Response: 2869186
Conc: 17.14 ug/ml



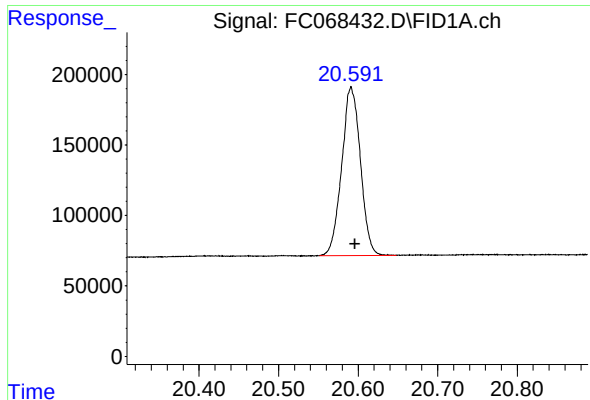
#19 n-Tetatriacontane (C34)

R.T.: 19.145 min
Delta R.T.: -0.002 min
Response: 2481191
Conc: 16.82 ug/ml



#20 n-Hexatriacontane (C36)

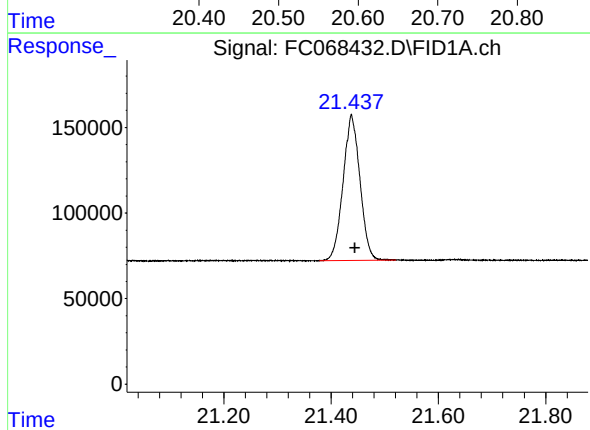
R.T.: 19.882 min
Delta R.T.: -0.004 min
Response: 2108064
Conc: 17.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.591 min
Delta R.T.: -0.004 min
Response: 1951975
Conc: 18.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.438 min
Delta R.T.: -0.006 min
Response: 1854587
Conc: 18.92 ug/ml