

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040125AL\
 Data File : FC068468.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 11:08
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 02 02:57:44 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	3811647	19.190 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	12.825	2847887	19.104 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.197	3149608	19.692 ug/ml
2) T n-Decane (C10)	4.252	3241103	19.994 ug/ml
3) T A~Naphthalene (C11.7)	5.816	3558384	20.141 ug/ml
4) T n-Dodecane (C12)	6.258	3291583	19.960 ug/ml
5) T A~2-methylnaphthalene...	6.868	3441492	20.233 ug/ml
6) T n-Tetradecane (C14)	8.045	3275889	19.910 ug/ml
7) T n-Hexadecane (C16)	9.641	3406685	19.823 ug/ml
8) T n-Octadecane (C18)	11.079	3432816	19.557 ug/ml
10) T n-Eicosane (C20)	12.384	3302338	19.282 ug/ml
11) T n-Heneicosane (C21)	12.994	3223969	19.220 ug/ml
13) T n-Docosane (C22)	13.579	3204760	18.997 ug/ml
14) T n-Tetracosane (C24)	14.680	3159959	18.451 ug/ml
15) T n-Hexacosane (C26)	15.699	3069379	18.237 ug/ml
16) T n-Octacosane (C28)	16.646	3022833	18.078 ug/ml
17) T n-Tricontane (C30)	17.532	3168132	18.170 ug/ml
18) T n-Dotriacontane (C32)	18.364	3051835	18.230 ug/ml
19) T n-Tetratriacontane (C34)	19.145	2604001	17.654 ug/ml
20) T n-Hexatriacontane (C36)	19.884	2162292	17.669 ug/ml
21) T n-Octatriacontane (C38)	20.594	1986952	18.503 ug/ml
22) T n-Tetracontane (C40)	21.443	1889297	19.277 ug/ml

(f)=RT Delta > 1/2 Window

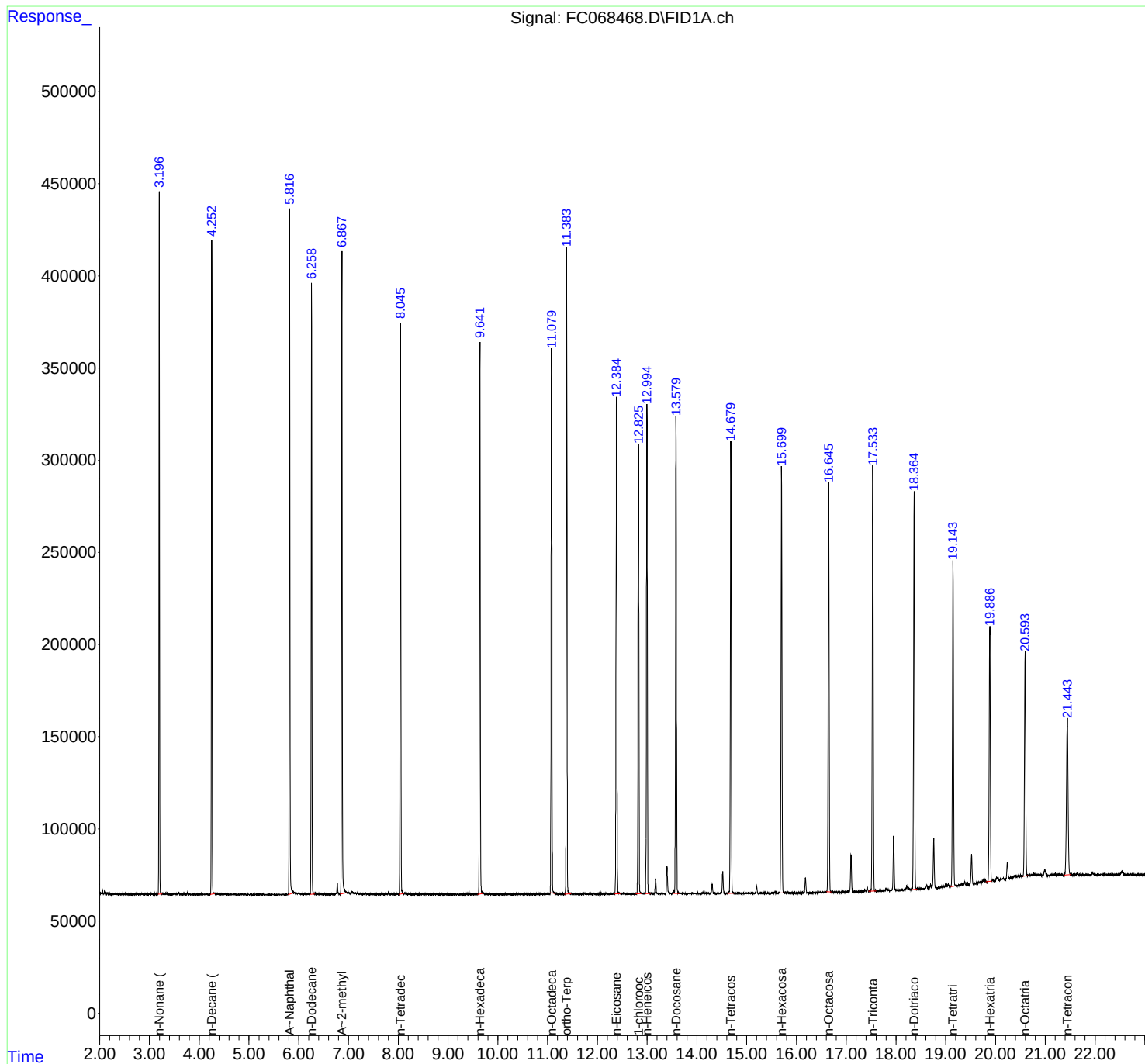
(m)=manual int.

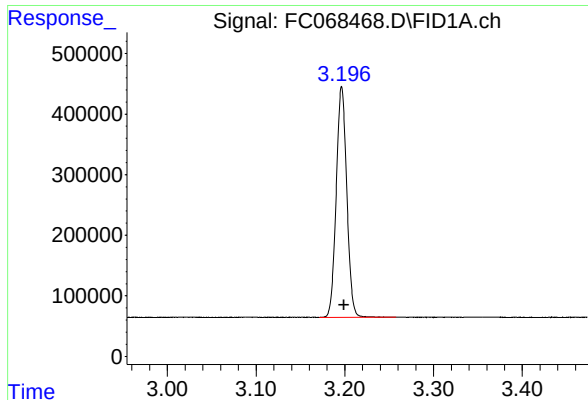
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040125AL\
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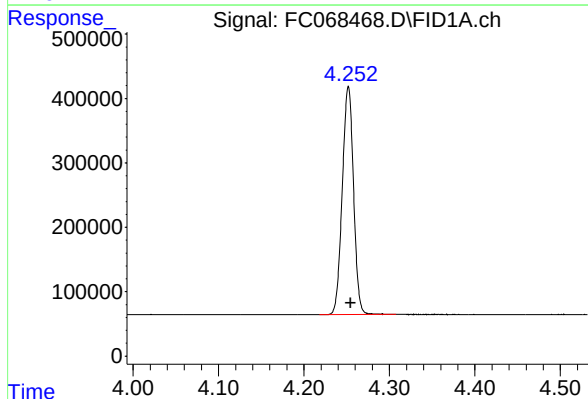




#1 n-Nonane (C9)

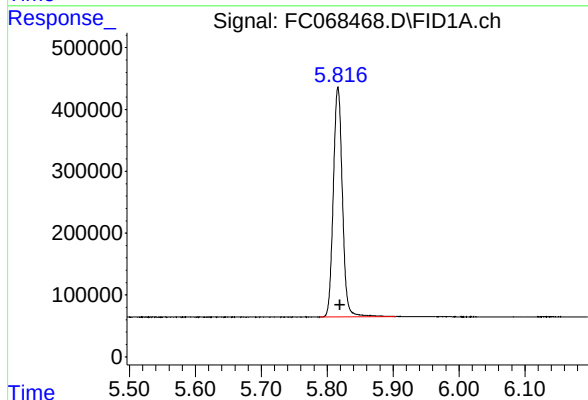
R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 3149608
Conc: 19.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



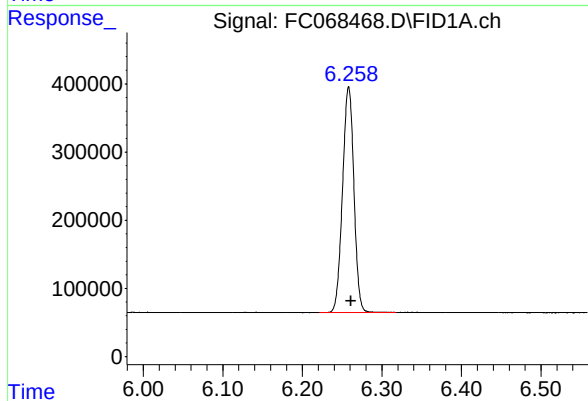
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: -0.003 min
Response: 3241103
Conc: 19.99 ug/ml



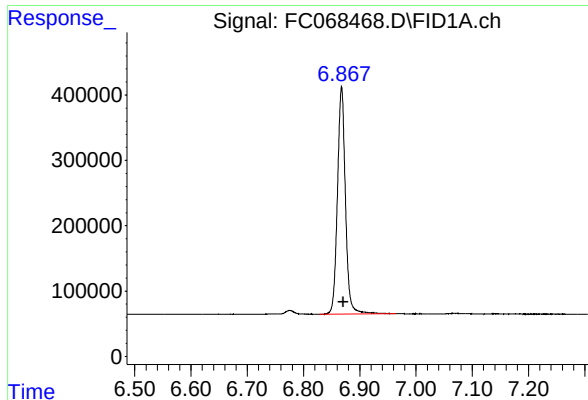
#3 A~Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: -0.003 min
Response: 3558384
Conc: 20.14 ug/ml



#4 n-Dodecane (C12)

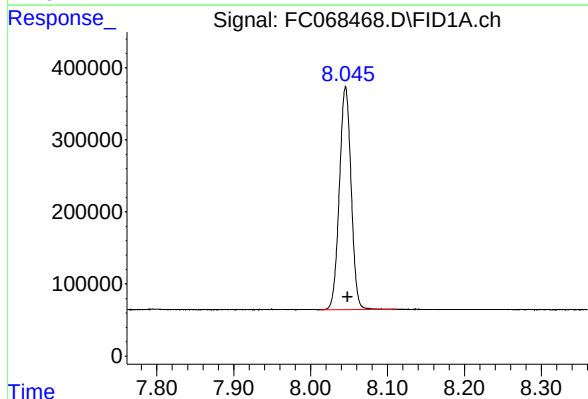
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 3291583
Conc: 19.96 ug/ml



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

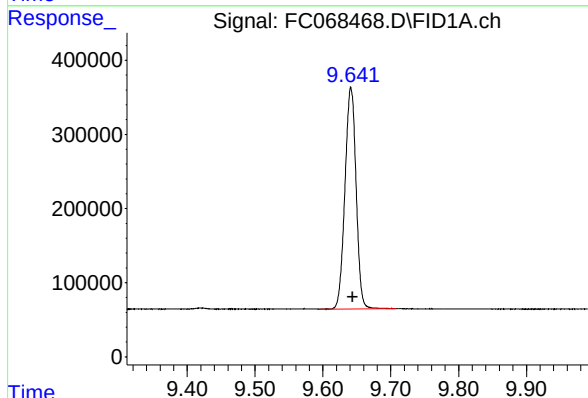
R.T.: 6.868 min
Delta R.T.: -0.003 min
Response: 3441492
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



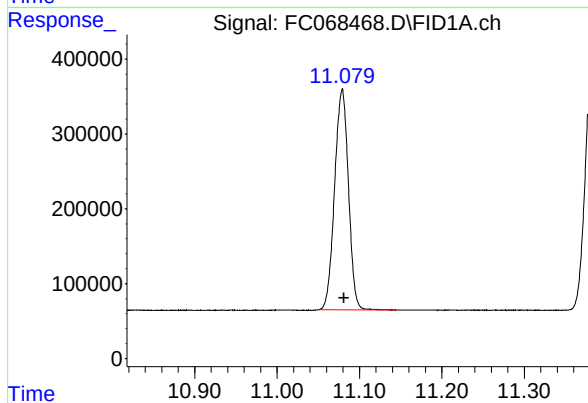
#6 n-Tetradecane (C14)

R.T.: 8.045 min
Delta R.T.: -0.003 min
Response: 3275889
Conc: 19.91 ug/ml



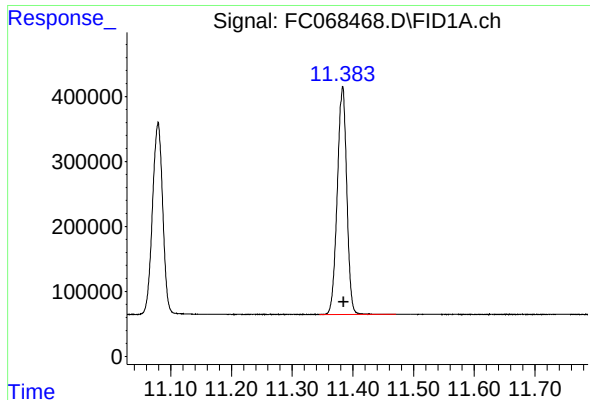
#7 n-Hexadecane (C16)

R.T.: 9.641 min
Delta R.T.: -0.003 min
Response: 3406685
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

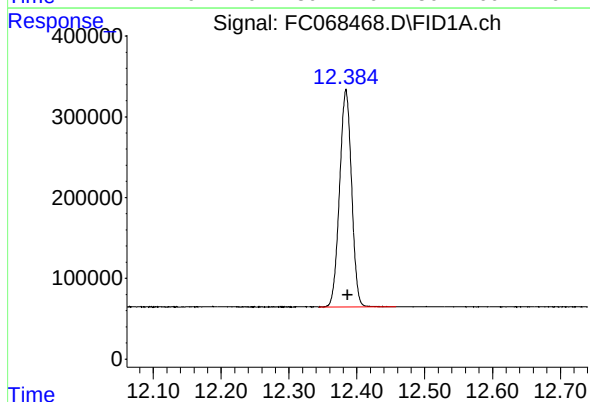
R.T.: 11.079 min
Delta R.T.: -0.003 min
Response: 3432816
Conc: 19.56 ug/ml



#9 ortho-Terphenyl (SURR)

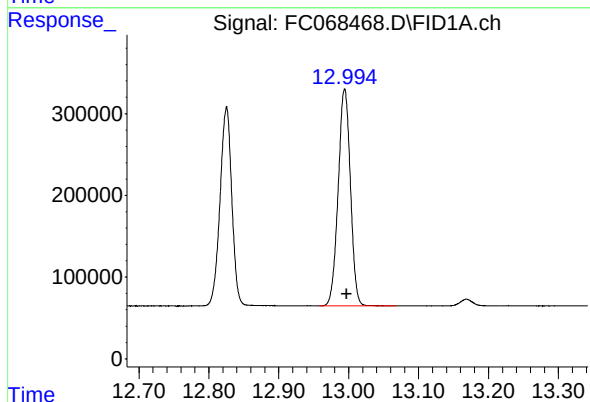
R.T.: 11.383 min
Delta R.T.: -0.002 min
Response: 3811647
Conc: 19.19 ug/ml

Instrument :
FID_C
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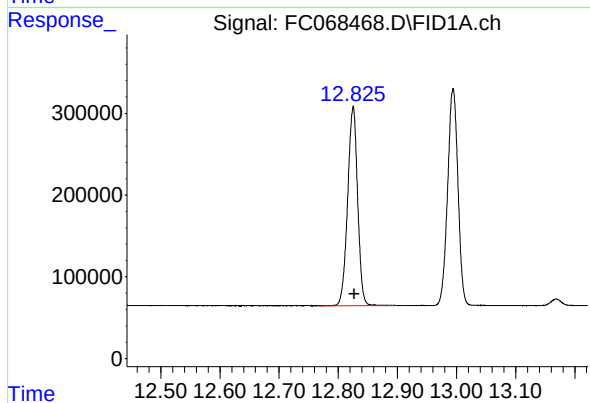
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.003 min
Response: 3302338
Conc: 19.28 ug/ml



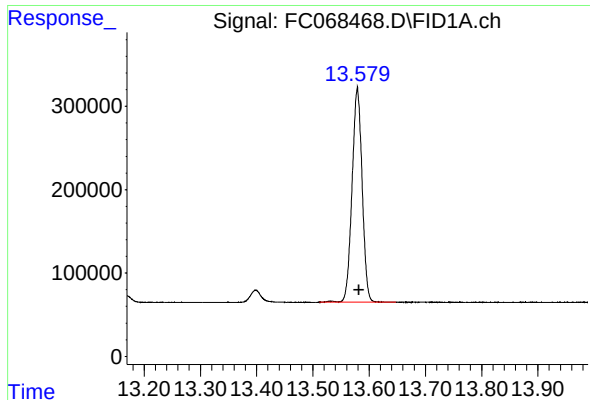
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.003 min
Response: 3223969
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

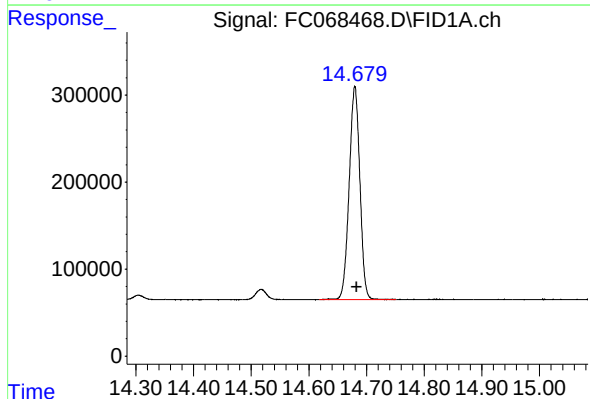
R.T.: 12.825 min
Delta R.T.: -0.002 min
Response: 2847887
Conc: 19.10 ug/ml



#13 n-Docosane (C22)

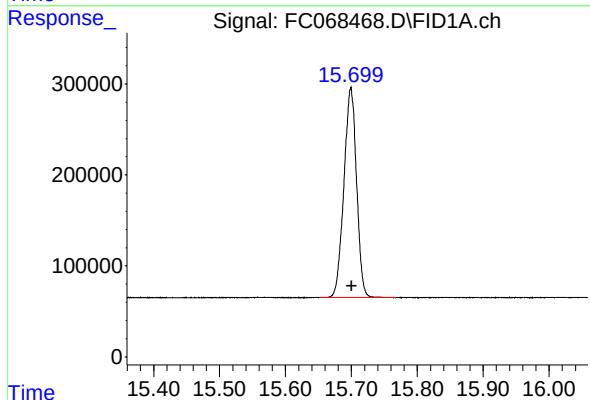
R.T.: 13.579 min
Delta R.T.: -0.003 min
Response: 3204760
Conc: 19.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



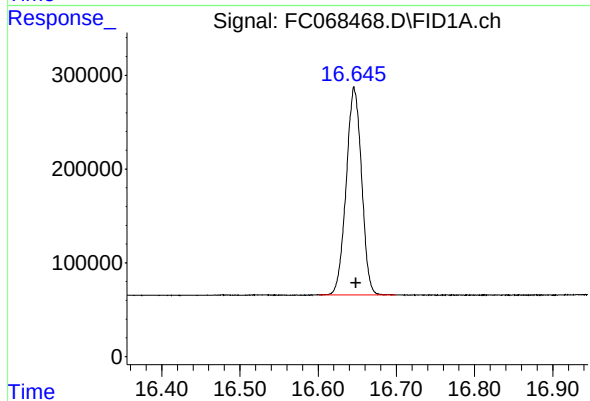
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: -0.003 min
Response: 3159959
Conc: 18.45 ug/ml



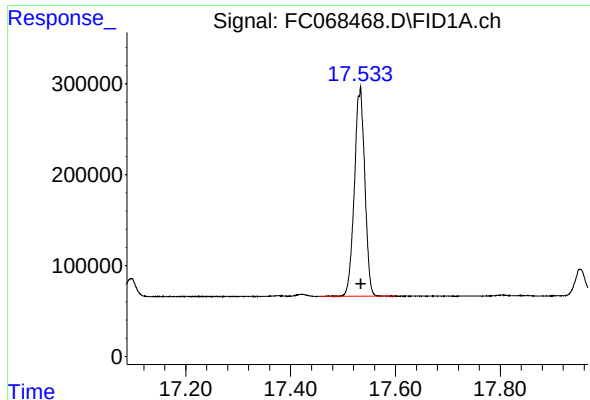
#15 n-Hexacosane (C26)

R.T.: 15.699 min
Delta R.T.: -0.001 min
Response: 3069379
Conc: 18.24 ug/ml



#16 n-Octacosane (C28)

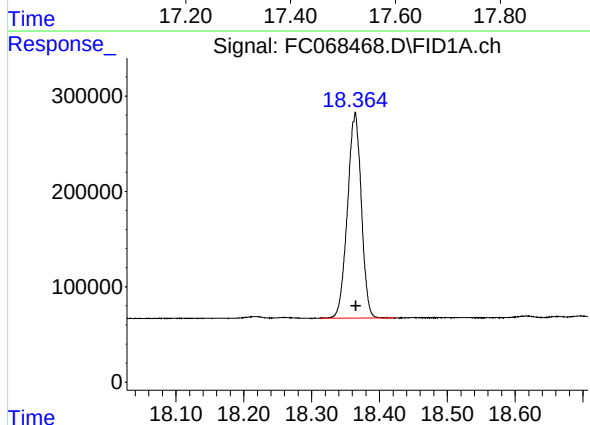
R.T.: 16.646 min
Delta R.T.: -0.002 min
Response: 3022833
Conc: 18.08 ug/ml



#17 n-Tricontane (C30)

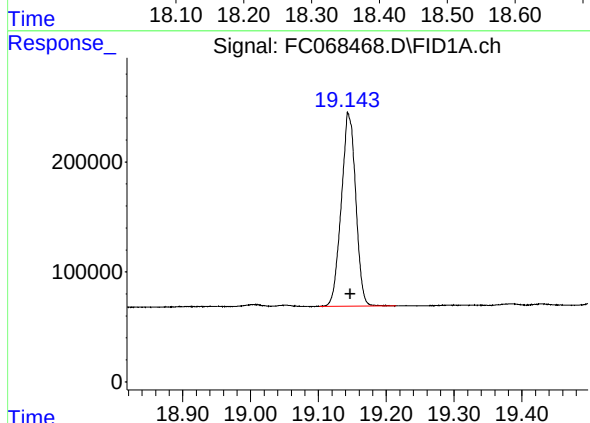
R.T.: 17.532 min
Delta R.T.: -0.002 min
Response: 3168132
Conc: 18.17 ug/ml

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20 PPM ALIPHATIC HC STD



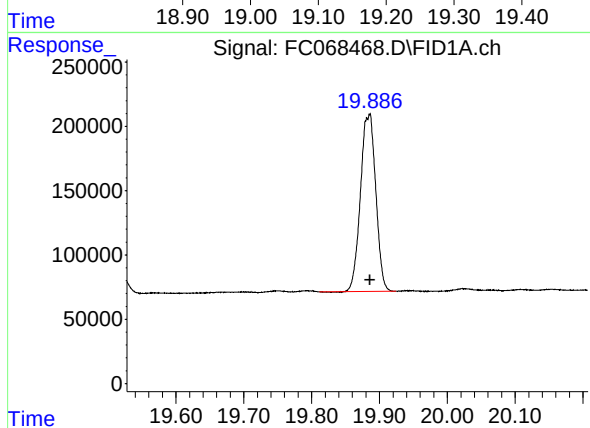
#18 n-Dotriacontane (C32)

R.T.: 18.364 min
Delta R.T.: -0.002 min
Response: 3051835
Conc: 18.23 ug/ml



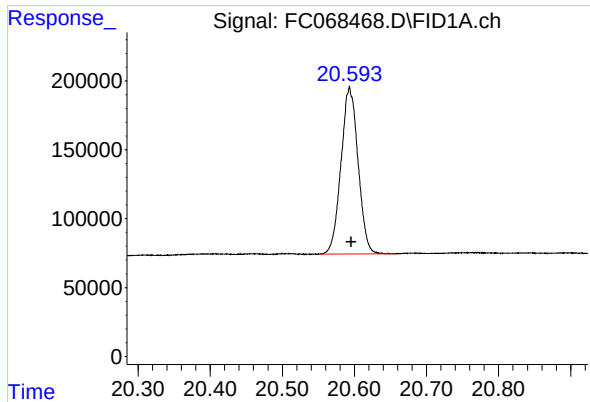
#19 n-Tetatriacontane (C34)

R.T.: 19.145 min
Delta R.T.: -0.002 min
Response: 2604001
Conc: 17.65 ug/ml



#20 n-Hexatriacontane (C36)

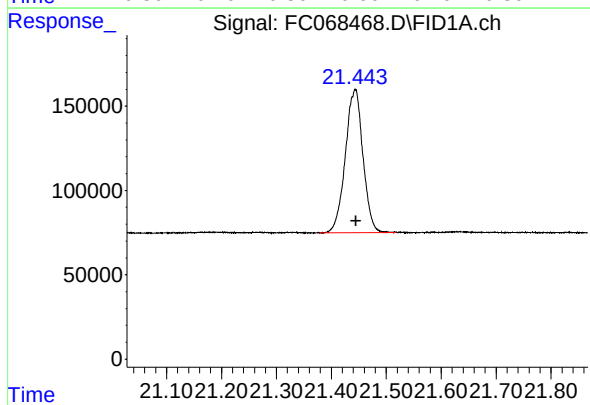
R.T.: 19.884 min
Delta R.T.: -0.002 min
Response: 2162292
Conc: 17.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: -0.002 min
Response: 1986952
Conc: 18.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.443 min
Delta R.T.: -0.001 min
Response: 1889297
Conc: 19.28 ug/ml