

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
 Data File : FC068571.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2025 04:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 11 05:04:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.714	2299459	18.058 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
12) S 1-chlorooctadecane (S...	13.147	1624242	17.485 ug/ml
Spiked Amount 50.000		Recovery =	34.97%
Target Compounds			
1) T n-Nonane (C9)	3.445	2097822	19.918 ug/ml
2) T n-Decane (C10)	4.520	2091384	19.850 ug/ml
3) T A~Naphthalene (C11.7)	6.117	2277452	19.556 ug/ml
4) T n-Dodecane (C12)	6.546	2044208	19.438 ug/ml
5) T A~2-methylnaphthalene...	7.176	2218408	19.207 ug/ml
6) T n-Tetradecane (C14)	8.344	1932863	18.801 ug/ml
7) T n-Hexadecane (C16)	9.946	1845216	18.119 ug/ml
8) T n-Octadecane (C18)	11.390	1780114	17.689 ug/ml
10) T n-Eicosane (C20)	12.701	1720771	17.495 ug/ml
11) T n-Heneicosane (C21)	13.314	1701453	17.459 ug/ml
13) T n-Docosane (C22)	13.900	1688310	17.478 ug/ml
14) T n-Tetracosane (C24)	15.005	1673204	17.579 ug/ml
15) T n-Hexacosane (C26)	16.027	1658703	17.758 ug/ml
16) T n-Octacosane (C28)	16.978	1656067	18.088 ug/ml
17) T n-Tricontane (C30)	17.867	1702882	18.523 ug/ml
18) T n-Dotriacontane (C32)	18.701	1727489	18.833 ug/ml
19) T n-Tetratriacontane (C34)	19.486	1697330	18.999 ug/ml
20) T n-Hexatriacontane (C36)	20.228	1708136	19.068 ug/ml
21) T n-Octatriacontane (C38)	21.005	1685632	19.066 ug/ml
22) T n-Tetracontane (C40)	21.983	1680791	19.034 ug/ml

(f)=RT Delta > 1/2 Window

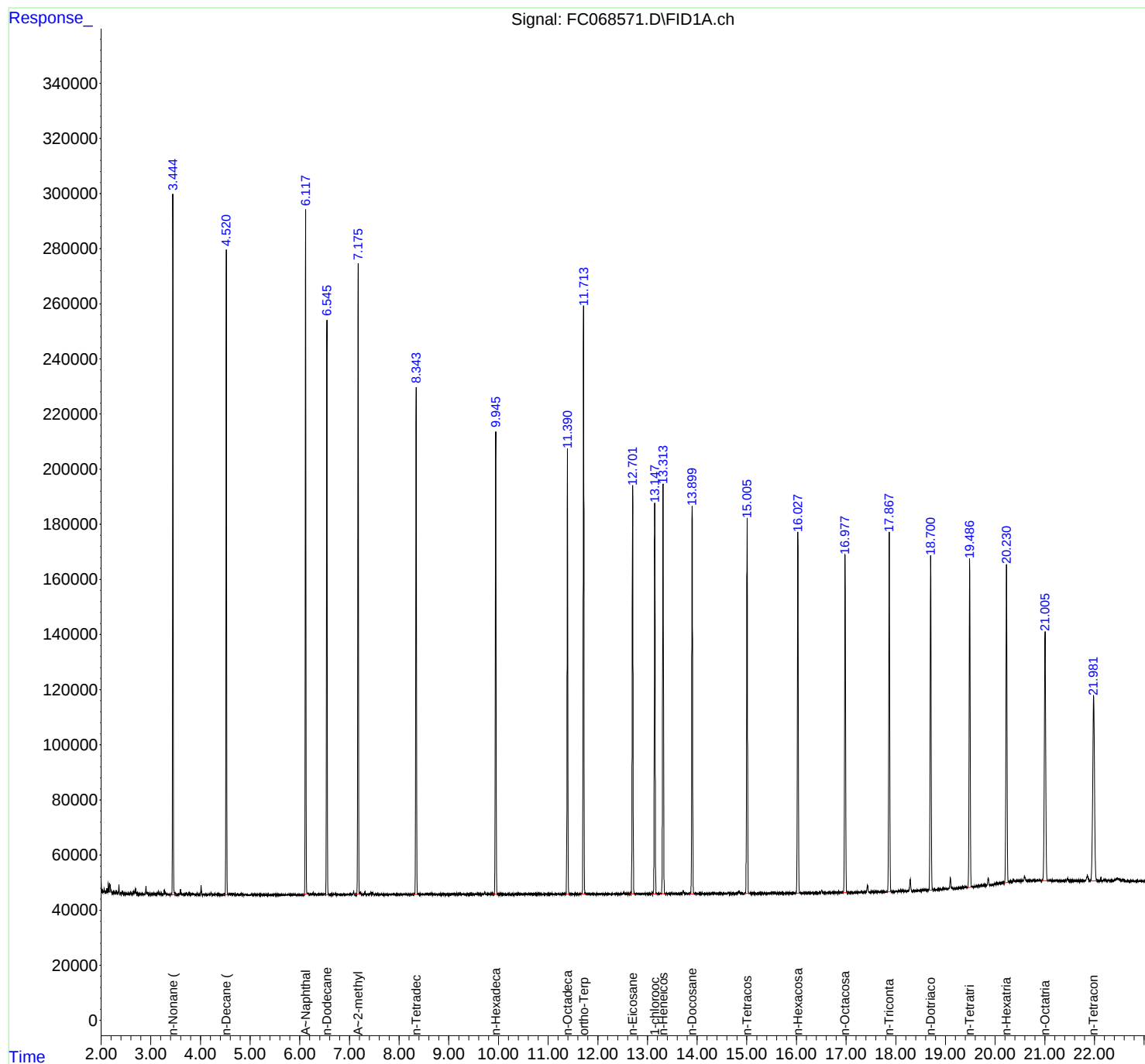
(m)=manual int.

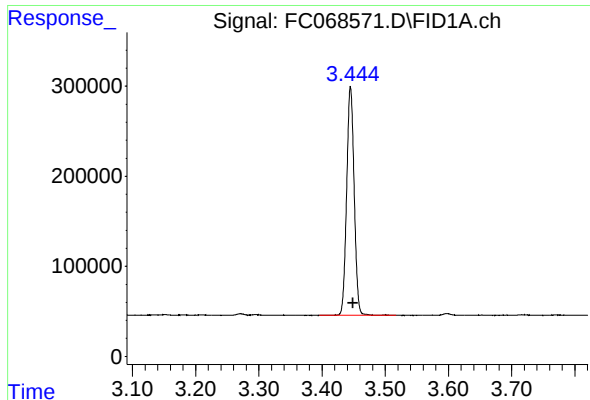
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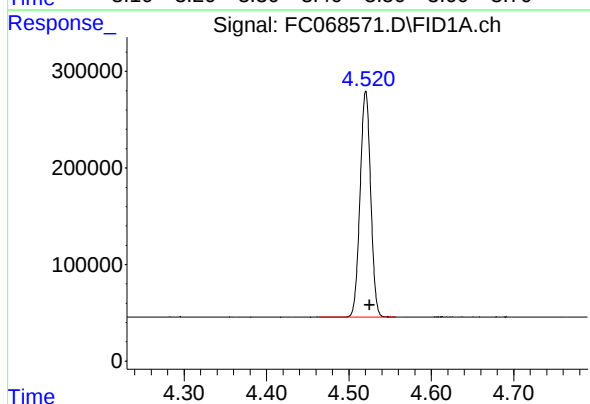




#1 n-Nonane (C9)

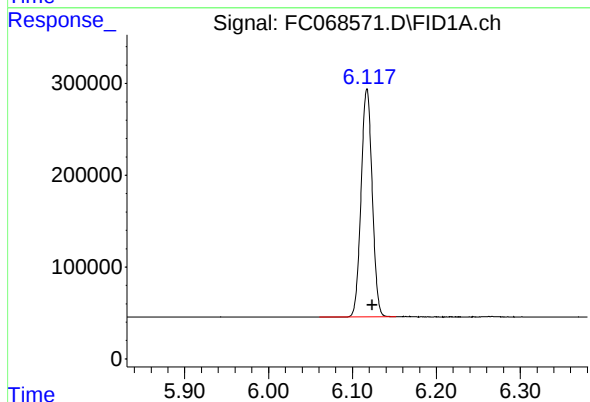
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2097822
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



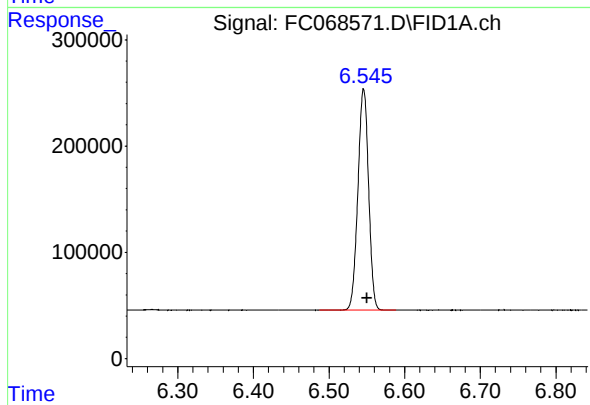
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 2091384
Conc: 19.85 ug/ml



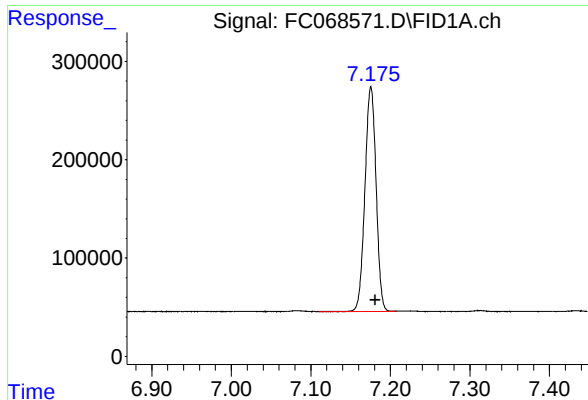
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 2277452
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

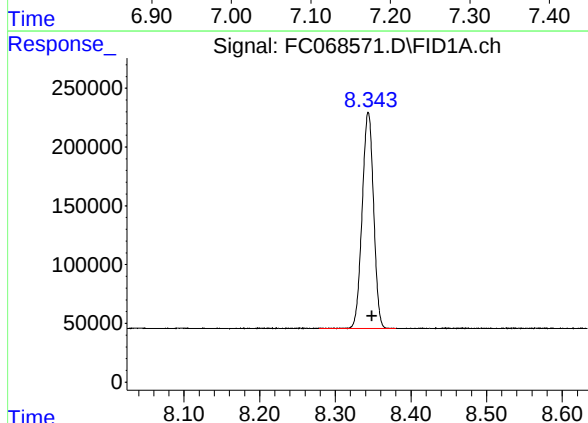
R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 2044208
Conc: 19.44 ug/ml



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

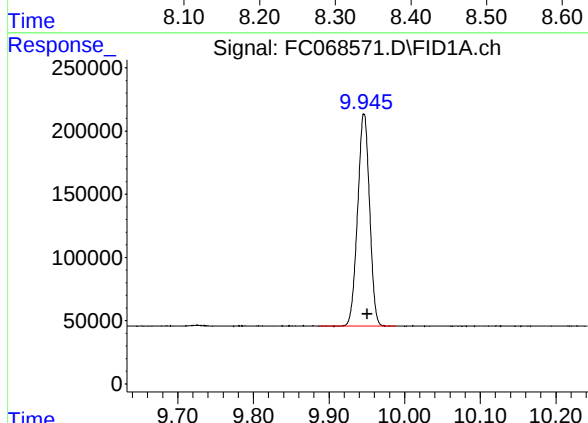
R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 2218408
Conc: 19.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



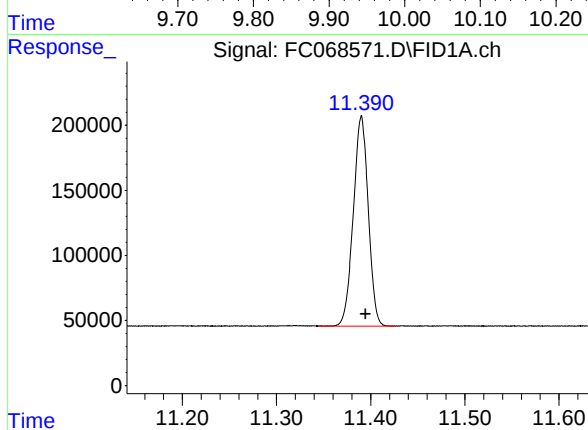
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: -0.005 min
Response: 1932863
Conc: 18.80 ug/ml



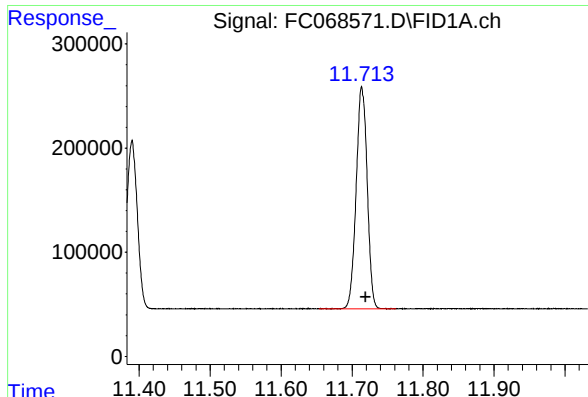
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: -0.005 min
Response: 1845216
Conc: 18.12 ug/ml



#8 n-Octadecane (C18)

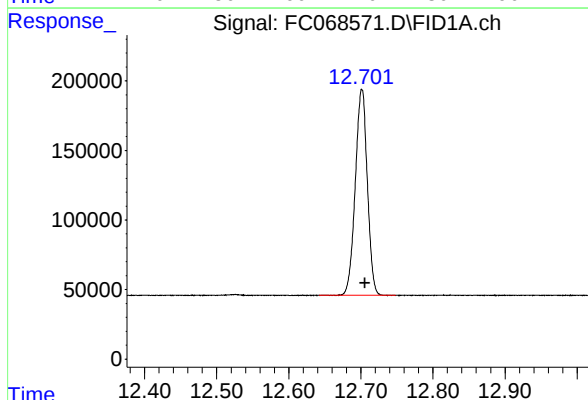
R.T.: 11.390 min
Delta R.T.: -0.005 min
Response: 1780114
Conc: 17.69 ug/ml



#9 ortho-Terphenyl (SURR)

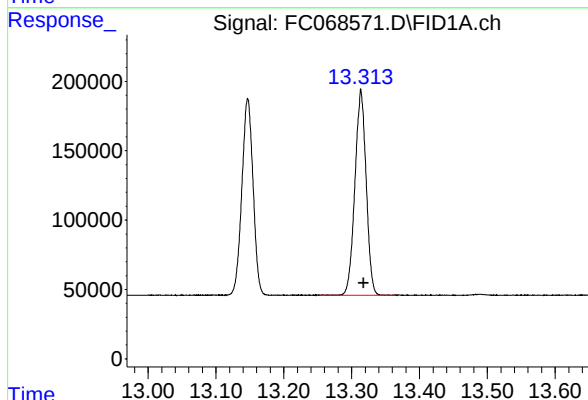
R.T.: 11.714 min
Delta R.T.: -0.005 min
Response: 2299459
Conc: 18.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



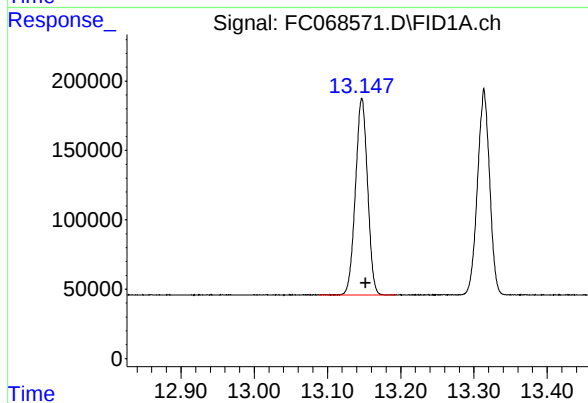
#10 n-Eicosane (C20)

R.T.: 12.701 min
Delta R.T.: -0.004 min
Response: 1720771
Conc: 17.49 ug/ml



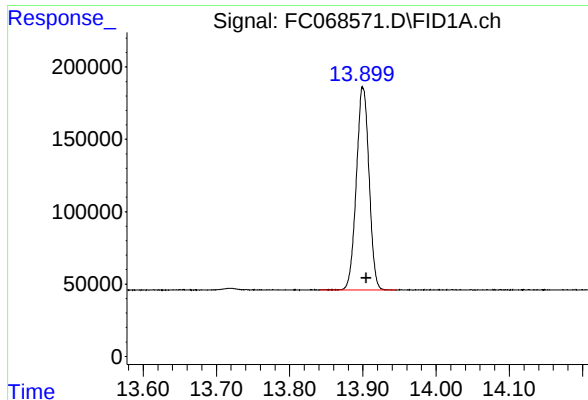
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: -0.004 min
Response: 1701453
Conc: 17.46 ug/ml



#12 1-chlorooctadecane (SURR)

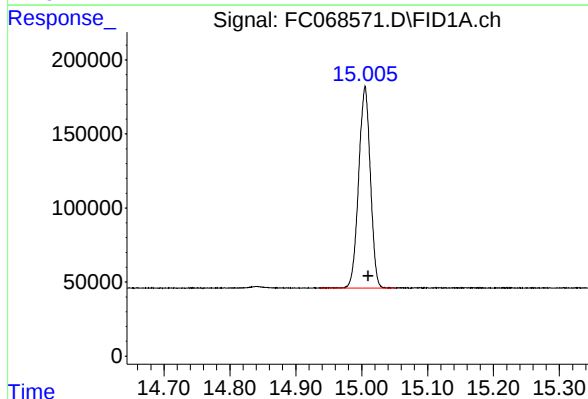
R.T.: 13.147 min
Delta R.T.: -0.005 min
Response: 1624242
Conc: 17.48 ug/ml



#13 n-Docosane (C22)

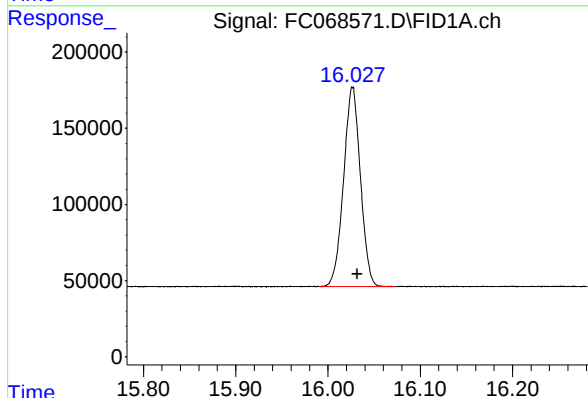
R.T.: 13.900 min
Delta R.T.: -0.005 min
Response: 1688310
Conc: 17.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



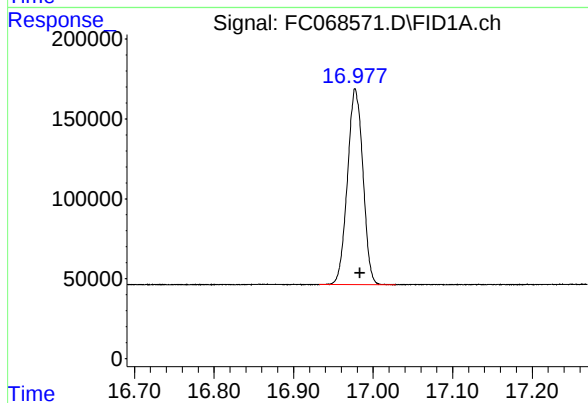
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.005 min
Response: 1673204
Conc: 17.58 ug/ml



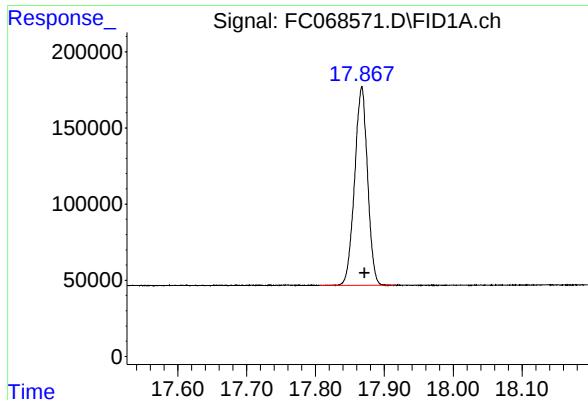
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: -0.005 min
Response: 1658703
Conc: 17.76 ug/ml



#16 n-Octacosane (C28)

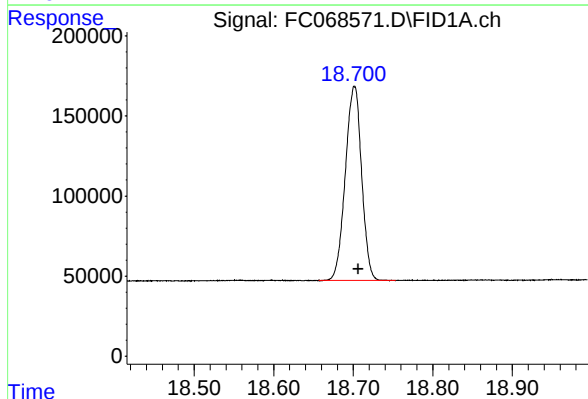
R.T.: 16.978 min
Delta R.T.: -0.006 min
Response: 1656067
Conc: 18.09 ug/ml



#17 n-Tricontane (C30)

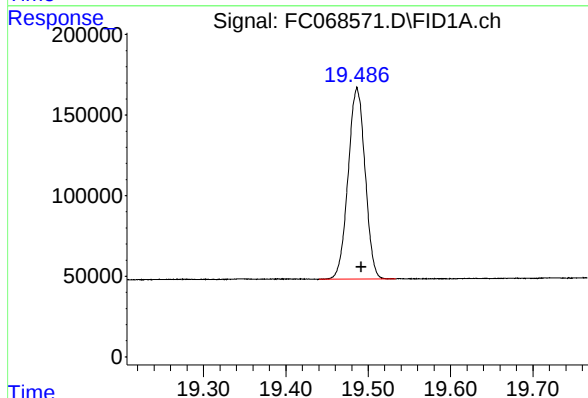
R.T.: 17.867 min
Delta R.T.: -0.004 min
Response: 1702882
Conc: 18.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



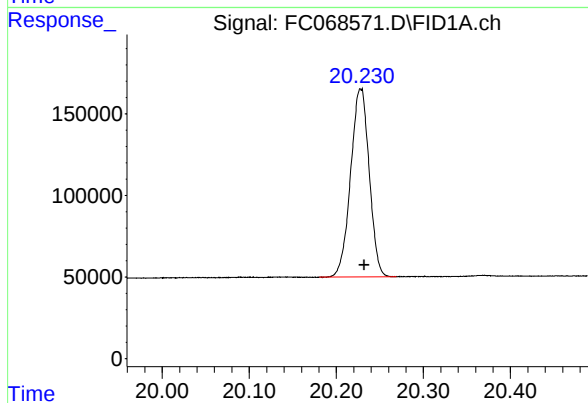
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.005 min
Response: 1727489
Conc: 18.83 ug/ml



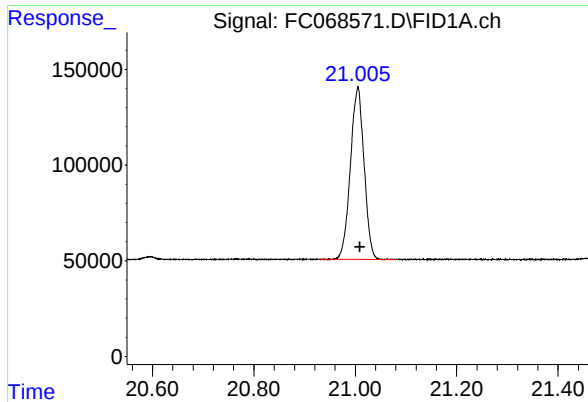
#19 n-Tetatriacontane (C34)

R.T.: 19.486 min
Delta R.T.: -0.005 min
Response: 1697330
Conc: 19.00 ug/ml



#20 n-Hexatriacontane (C36)

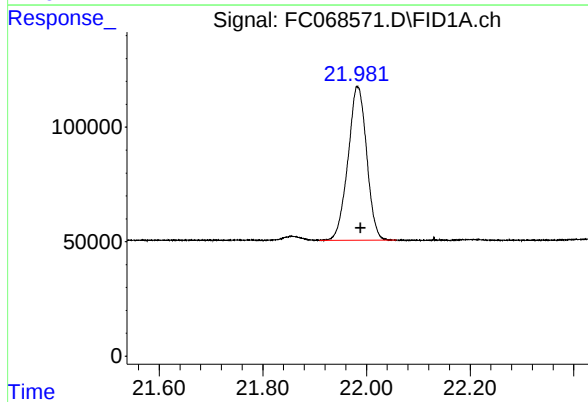
R.T.: 20.228 min
Delta R.T.: -0.004 min
Response: 1708136
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: -0.005 min
Response: 1685632
Conc: 19.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.006 min
Response: 1680791
Conc: 19.03 ug/ml