

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068761.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 10:11
 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: May 06 03:49:27 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)	11.710	2464756	19.356 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
12) S 1-chlorooctadecane (S...	13.143	1769009	19.043 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
Target Compounds			
1) T n-Nonane (C9)	3.442	2033323	19.306 ug/ml
2) T n-Decane (C10)	4.518	2063532	19.586 ug/ml
3) T A~Naphthalene (C11.7)	6.115	2235784	19.198 ug/ml
4) T n-Dodecane (C12)	6.543	2057031	19.560 ug/ml
5) T A~2-methylnaphthalene...	7.173	2196105	19.014 ug/ml
6) T n-Tetradecane (C14)	8.340	2013168	19.583 ug/ml
7) T n-Hexadecane (C16)	9.943	1998372	19.622 ug/ml
8) T n-Octadecane (C18)	11.386	1980772	19.683 ug/ml
10) T n-Eicosane (C20)	12.697	1931488	19.637 ug/ml
11) T n-Heneicosane (C21)	13.310	1908988	19.588 ug/ml
13) T n-Docosane (C22)	13.897	1898831	19.658 ug/ml
14) T n-Tetracosane (C24)	15.001	1875102	19.700 ug/ml
15) T n-Hexacosane (C26)	16.023	1845351	19.757 ug/ml
16) T n-Octacosane (C28)	16.973	1885487	20.593 ug/ml
17) T n-Tricontane (C30)	17.862	2027798	22.058 ug/ml
18) T n-Dotriacontane (C32)	18.696	2087788	22.760 ug/ml
19) T n-Tetratriacontane (C34)	19.481	2000220	22.389 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1961696	21.899 ug/ml
21) T n-Octatriacontane (C38)	20.996	1873894	21.195 ug/ml
22) T n-Tetracontane (C40)	21.972	1756261	19.888 ug/ml

(f)=RT Delta > 1/2 Window

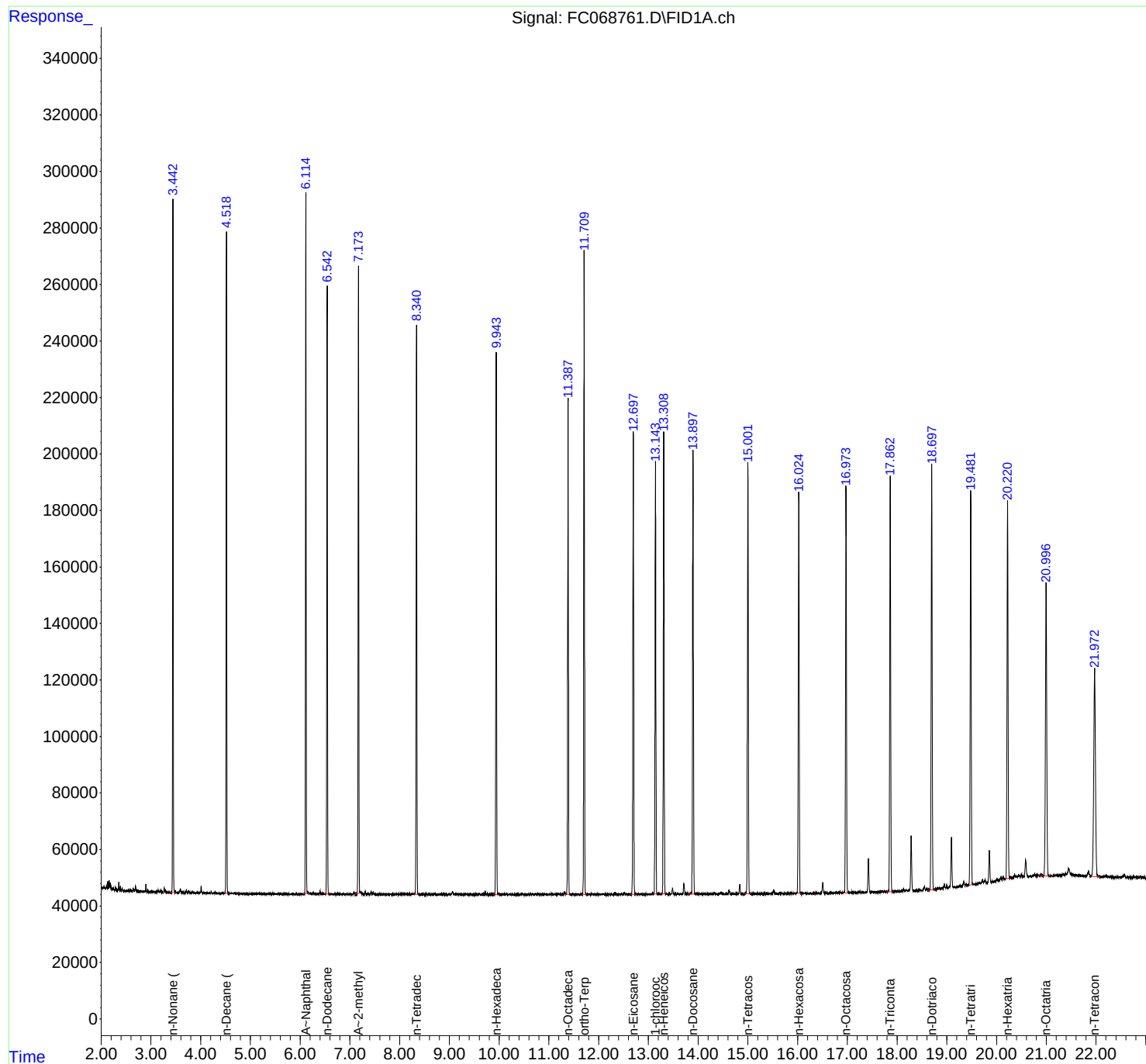
(m)=manual int.

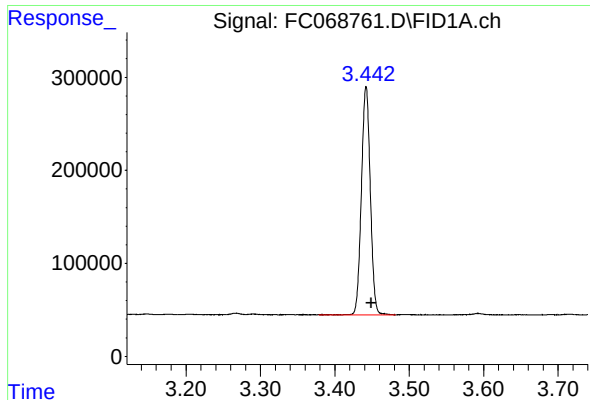
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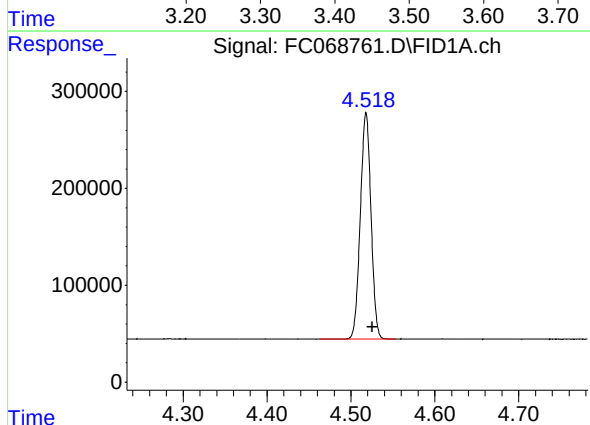




#1 n-Nonane (C9)

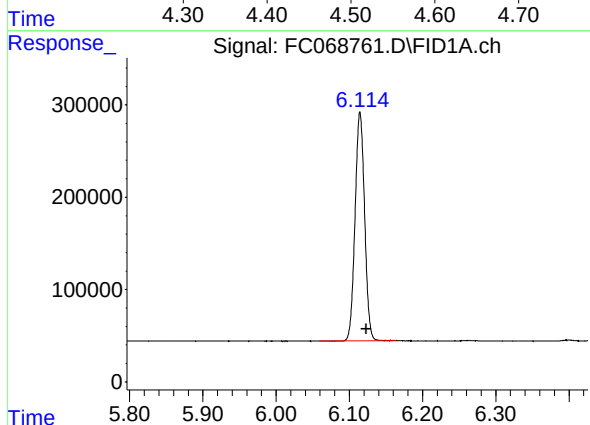
R.T.: 3.442 min
Delta R.T.: -0.007 min
Response: 2033323
Conc: 19.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



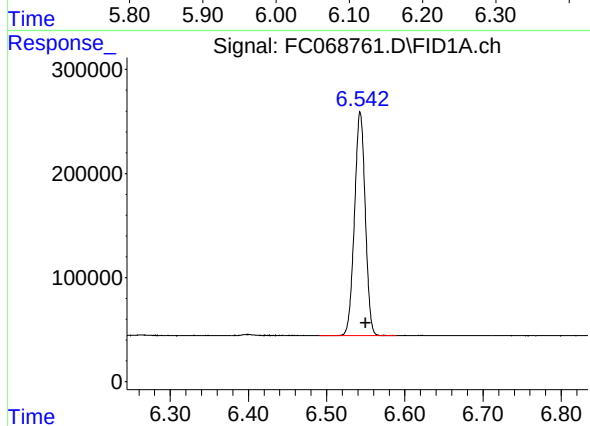
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.007 min
Response: 2063532
Conc: 19.59 ug/ml



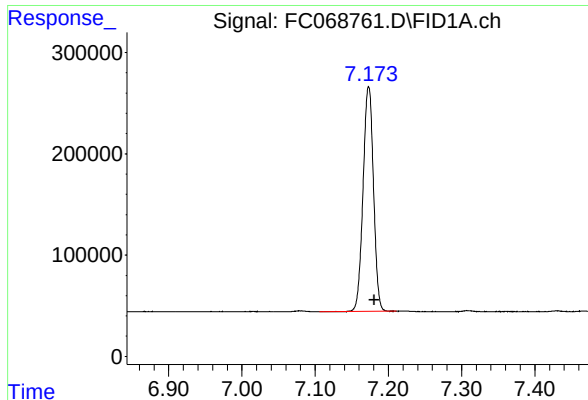
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: -0.009 min
Response: 2235784
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

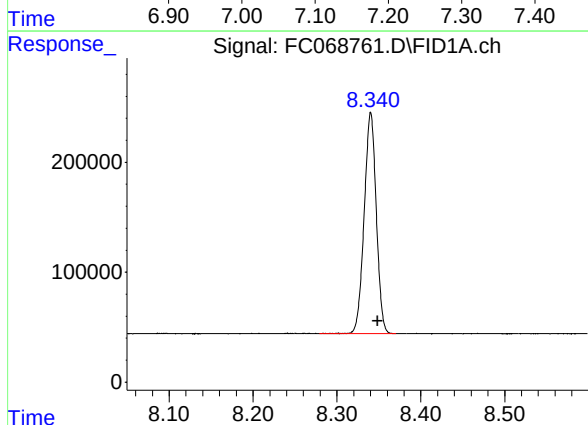
R.T.: 6.543 min
Delta R.T.: -0.007 min
Response: 2057031
Conc: 19.56 ug/ml



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

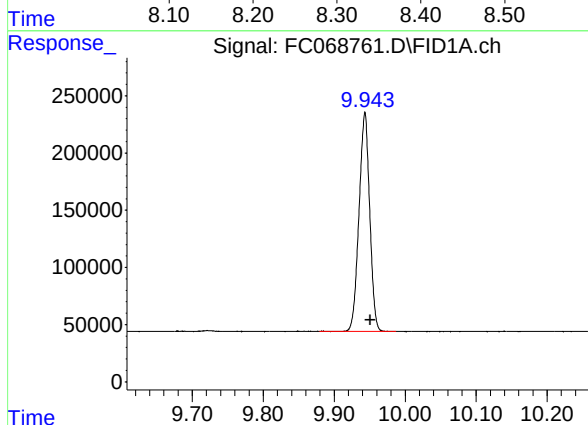
R.T.: 7.173 min
Delta R.T.: -0.008 min
Response: 2196105
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



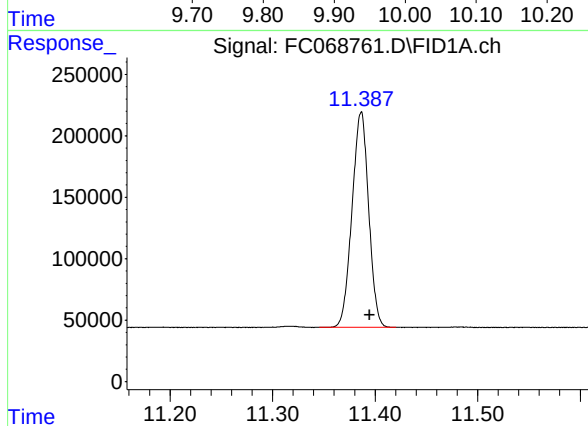
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: -0.008 min
Response: 2013168
Conc: 19.58 ug/ml



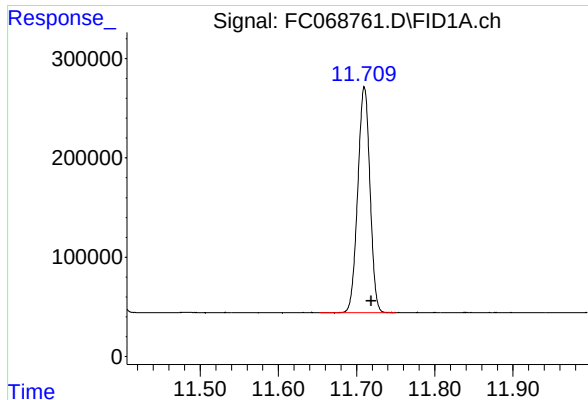
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: -0.008 min
Response: 1998372
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

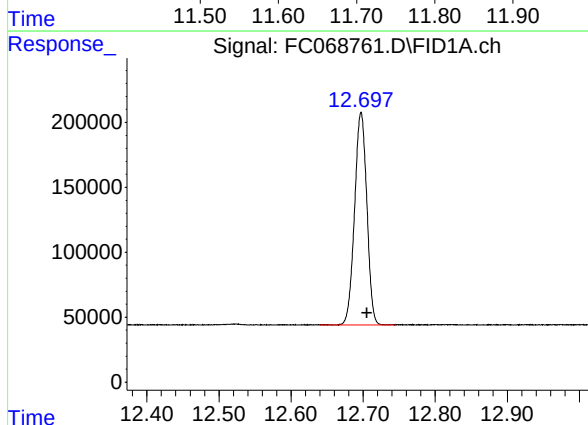
R.T.: 11.386 min
Delta R.T.: -0.008 min
Response: 1980772
Conc: 19.68 ug/ml



#9 ortho-Terphenyl (SURR)

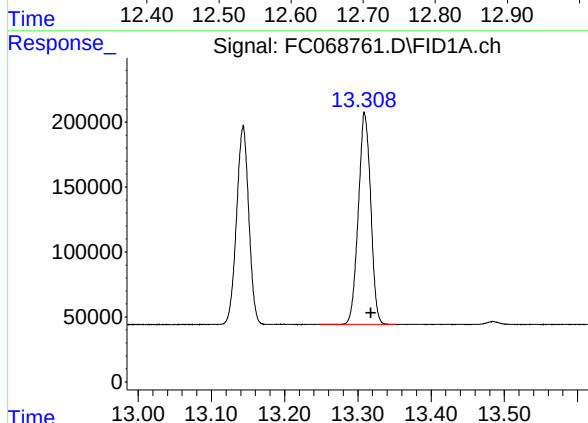
R.T.: 11.710 min
Delta R.T.: -0.009 min
Response: 2464756
Conc: 19.36 ug/ml

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FID_C
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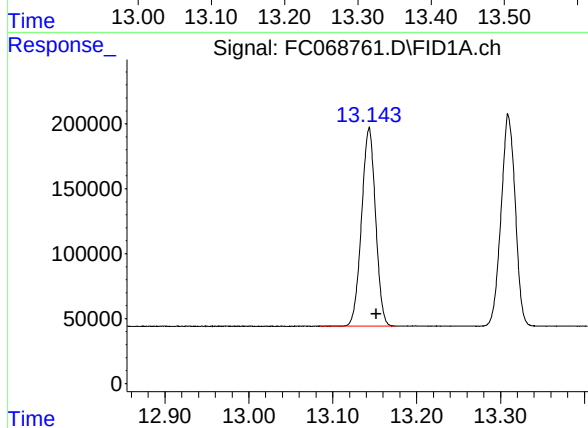
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: -0.008 min
Response: 1931488
Conc: 19.64 ug/ml



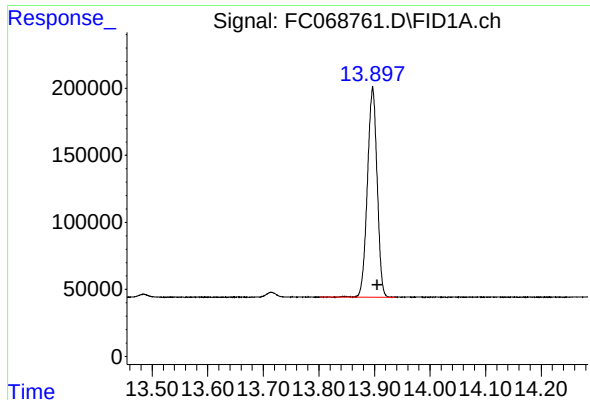
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.008 min
Response: 1908988
Conc: 19.59 ug/ml



#12 1-chlorooctadecane (SURR)

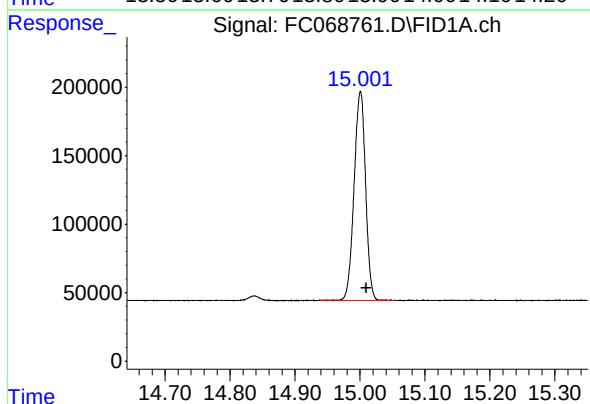
R.T.: 13.143 min
Delta R.T.: -0.009 min
Response: 1769009
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

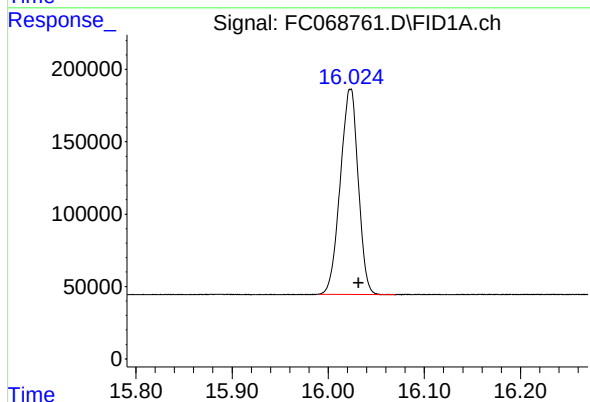
R.T.: 13.897 min
Delta R.T.: -0.008 min
Response: 1898831
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



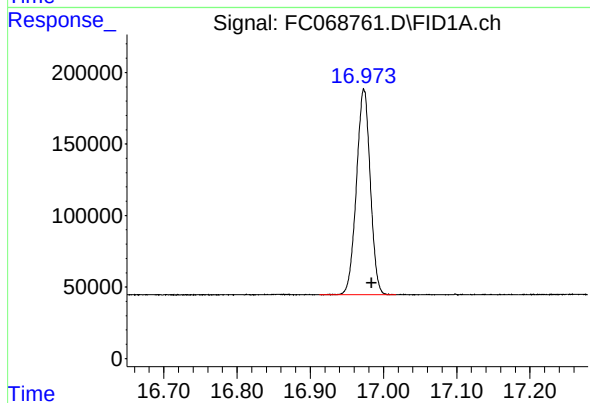
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: -0.009 min
Response: 1875102
Conc: 19.70 ug/ml



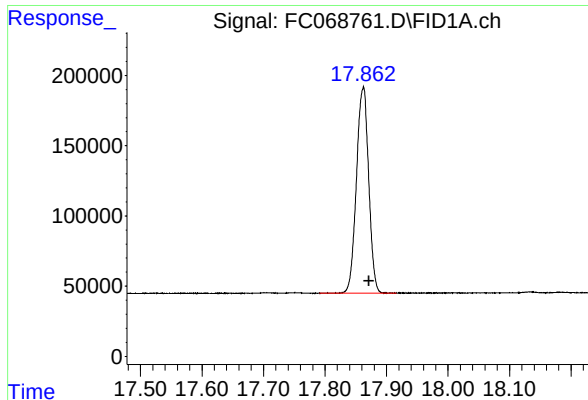
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: -0.009 min
Response: 1845351
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

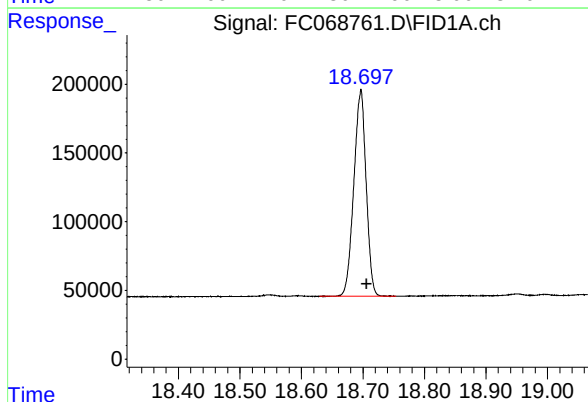
R.T.: 16.973 min
Delta R.T.: -0.010 min
Response: 1885487
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

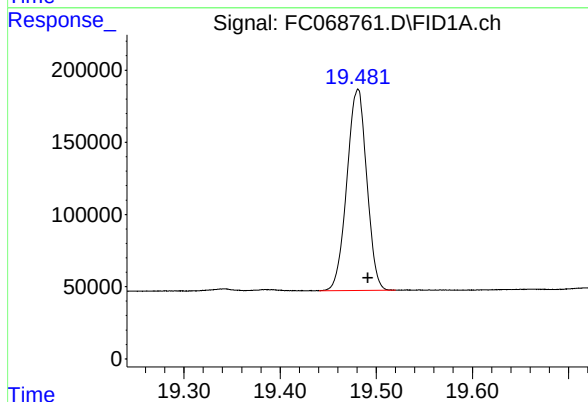
R.T.: 17.862 min
Delta R.T.: -0.010 min
Response: 2027798
Conc: 22.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



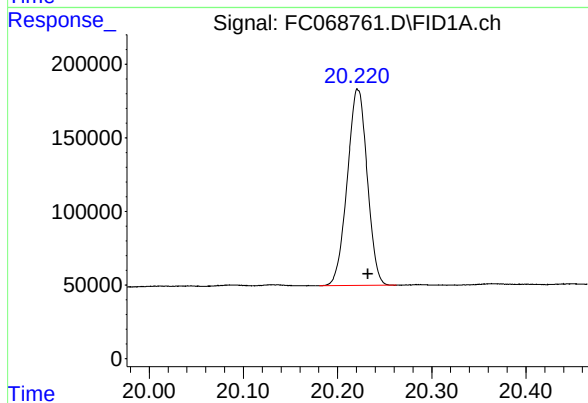
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.010 min
Response: 2087788
Conc: 22.76 ug/ml



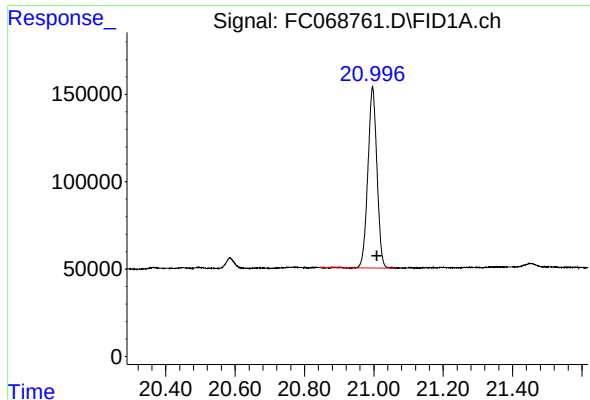
#19 n-Tetatriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.011 min
Response: 2000220
Conc: 22.39 ug/ml



#20 n-Hexatriacontane (C36)

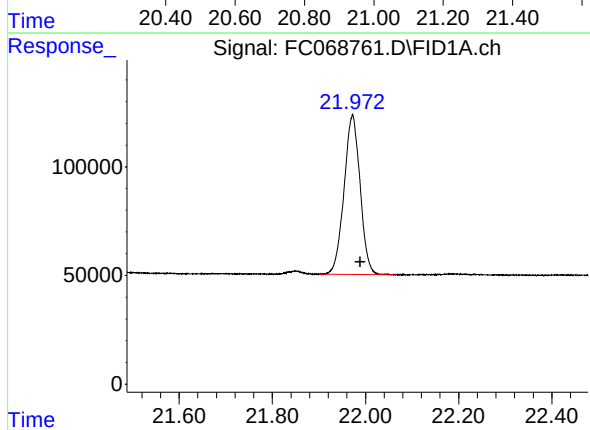
R.T.: 20.222 min
Delta R.T.: -0.011 min
Response: 1961696
Conc: 21.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: -0.013 min
Response: 1873894
Conc: 21.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.017 min
Response: 1756261
Conc: 19.89 ug/ml