

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
 Data File : FC068546.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2025 07:56
 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 03:41:05 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	2413219	18.951 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	13.142	1733109	18.657 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
Target Compounds			
1) T n-Nonane (C9)	3.445	2051170	19.475 ug/ml
2) T n-Decane (C10)	4.520	2050284	19.460 ug/ml
3) T A~Naphthalene (C11.7)	6.116	2265347	19.452 ug/ml
4) T n-Dodecane (C12)	6.544	2037016	19.370 ug/ml
5) T A~2-methylnaphthalene...	7.174	2217025	19.195 ug/ml
6) T n-Tetradecane (C14)	8.341	1973912	19.201 ug/ml
7) T n-Hexadecane (C16)	9.943	1939439	19.044 ug/ml
8) T n-Octadecane (C18)	11.386	1903302	18.913 ug/ml
10) T n-Eicosane (C20)	12.696	1850198	18.810 ug/ml
11) T n-Heneicosane (C21)	13.309	1828084	18.758 ug/ml
13) T n-Docosane (C22)	13.896	1807704	18.714 ug/ml
14) T n-Tetracosane (C24)	14.999	1779216	18.692 ug/ml
15) T n-Hexacosane (C26)	16.021	1735590	18.581 ug/ml
16) T n-Octacosane (C28)	16.973	1712078	18.699 ug/ml
17) T n-Tricontane (C30)	17.860	1731110	18.830 ug/ml
18) T n-Dotriacontane (C32)	18.696	1741592	18.986 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1699695	19.025 ug/ml
20) T n-Hexatriacontane (C36)	20.223	1718025	19.179 ug/ml
21) T n-Octatriacontane (C38)	20.998	1695688	19.179 ug/ml
22) T n-Tetracontane (C40)	21.975	1679061	19.014 ug/ml

(f)=RT Delta > 1/2 Window

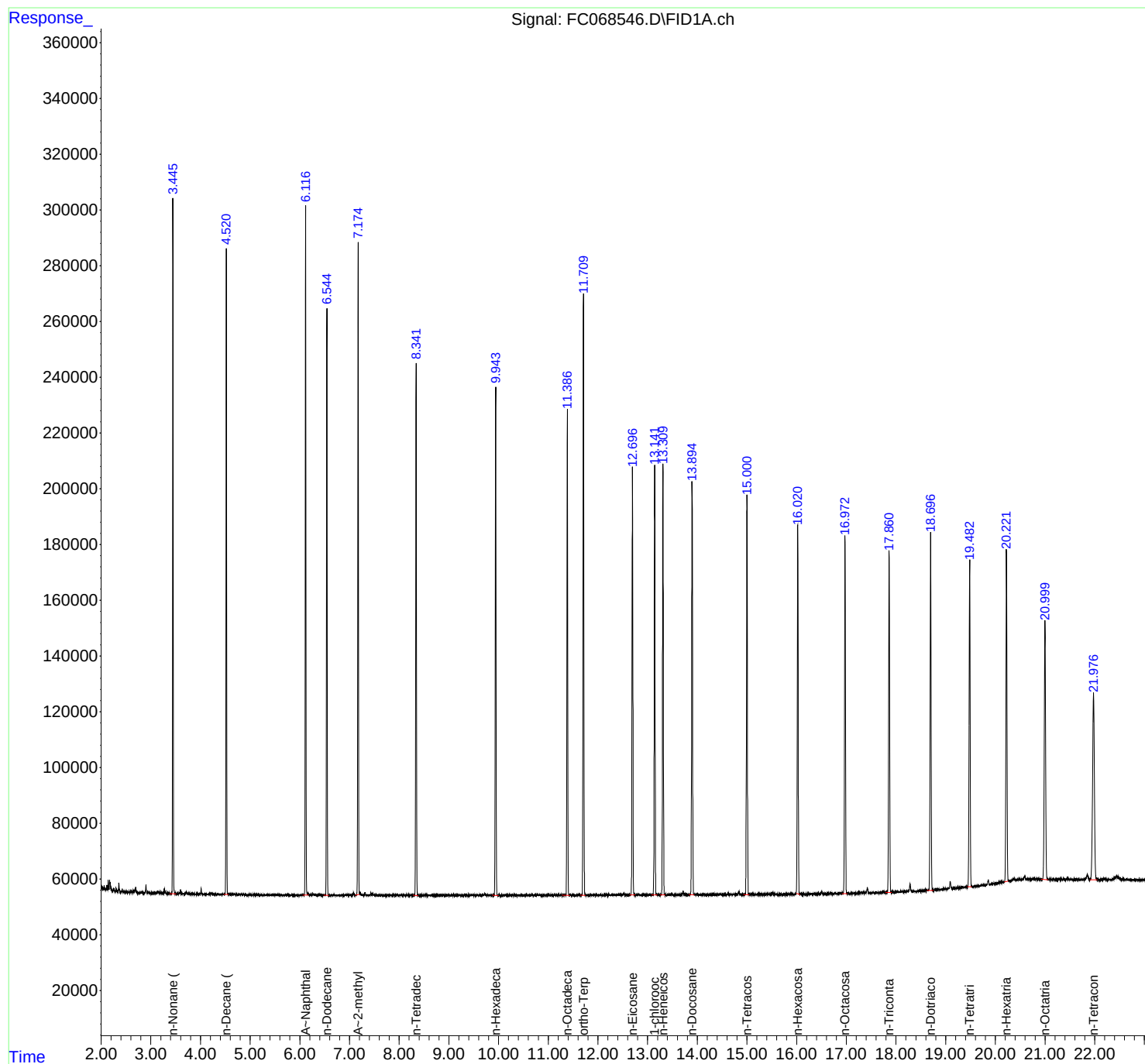
(m)=manual int.

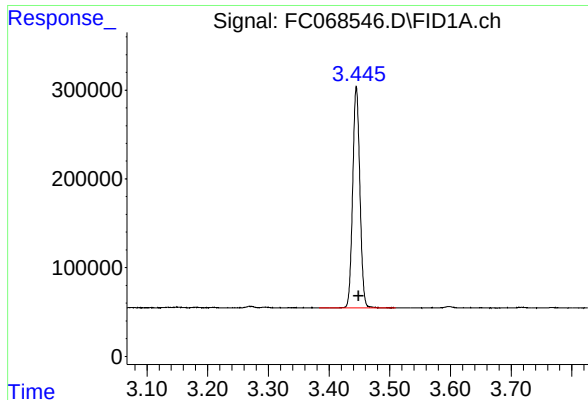
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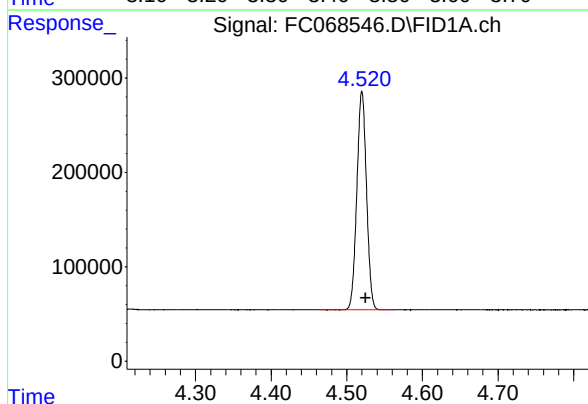




#1 n-Nonane (C9)

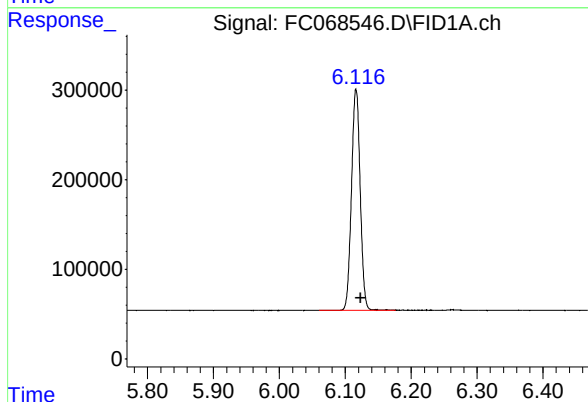
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2051170
Conc: 19.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



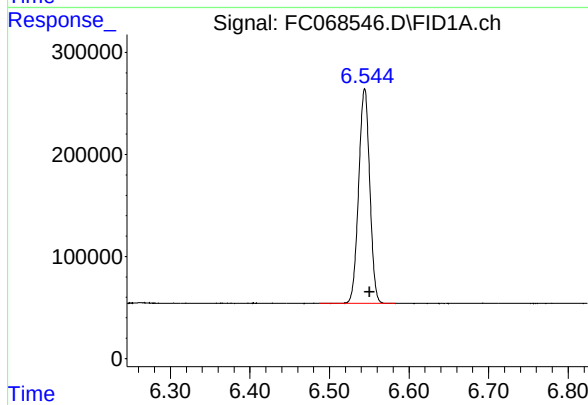
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 2050284
Conc: 19.46 ug/ml



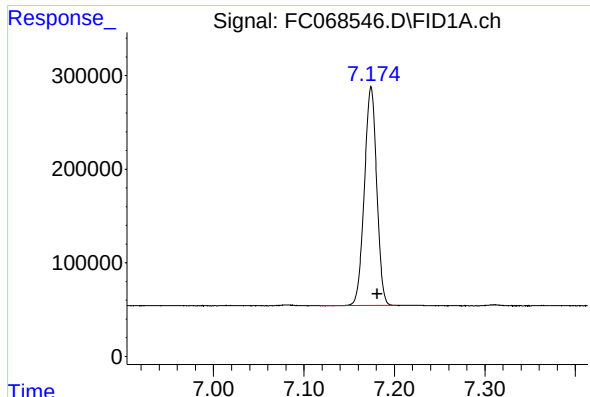
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.007 min
Response: 2265347
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

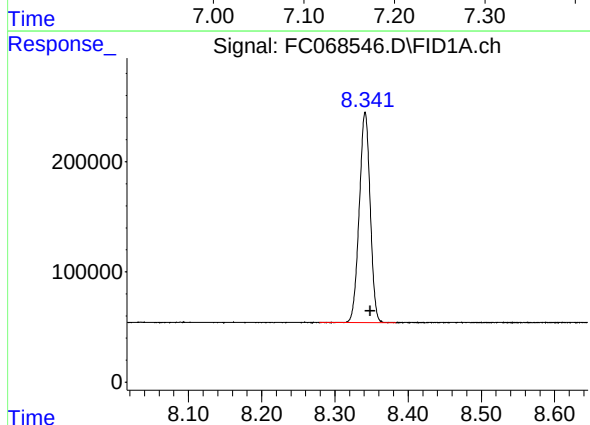
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 2037016
Conc: 19.37 ug/ml



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

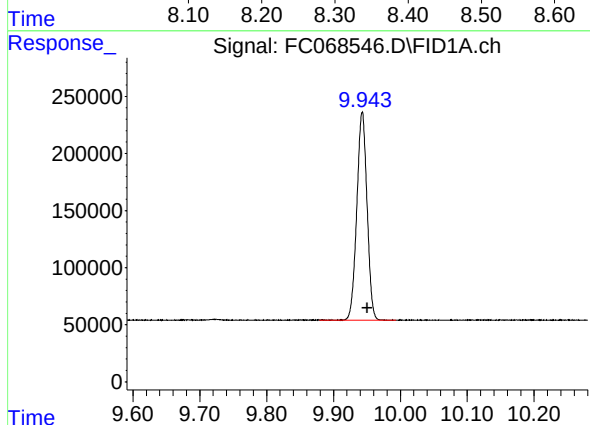
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 2217025
Conc: 19.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



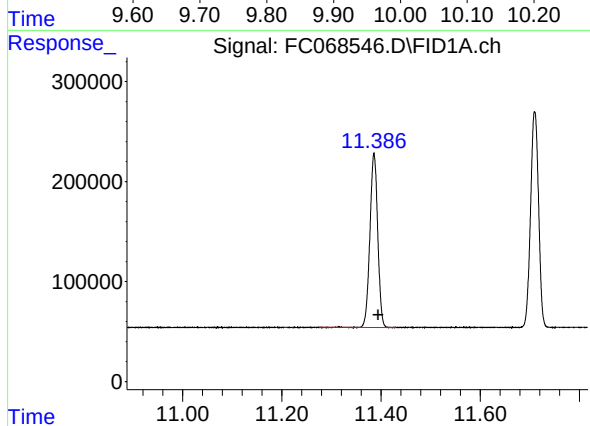
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 1973912
Conc: 19.20 ug/ml



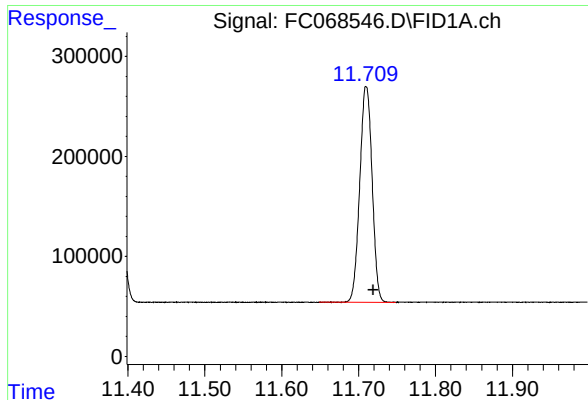
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: -0.008 min
Response: 1939439
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

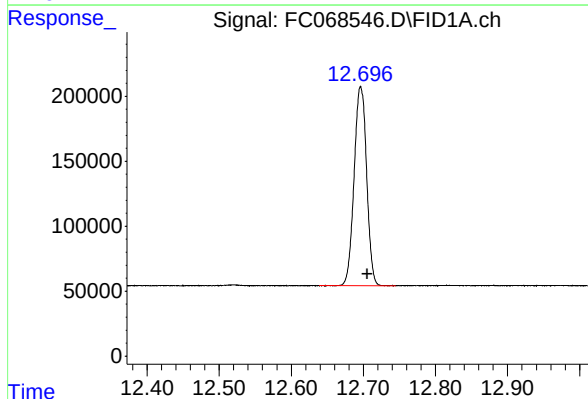
R.T.: 11.386 min
Delta R.T.: -0.009 min
Response: 1903302
Conc: 18.91 ug/ml



#9 ortho-Terphenyl (SURR)

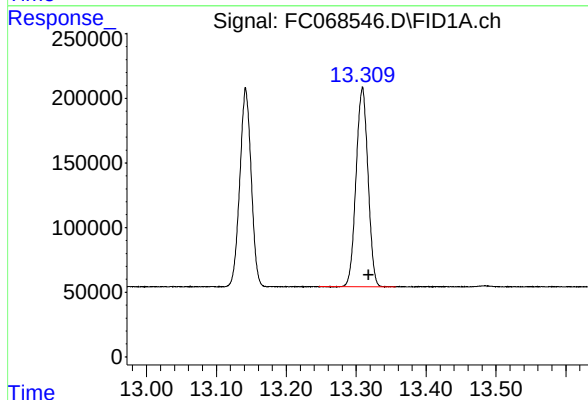
R.T.: 11.710 min
Delta R.T.: -0.009 min
Response: 2413219
Conc: 18.95 ug/ml

Instrument :
FID_C
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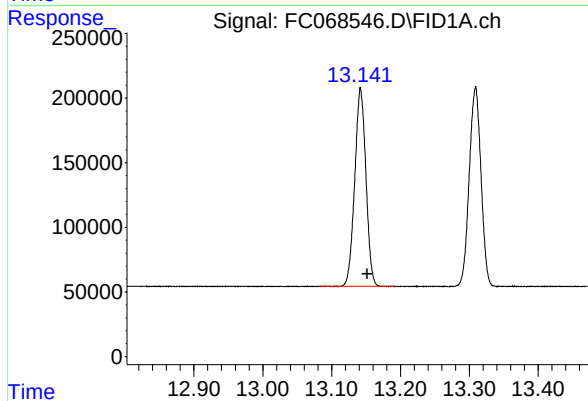
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.009 min
Response: 1850198
Conc: 18.81 ug/ml



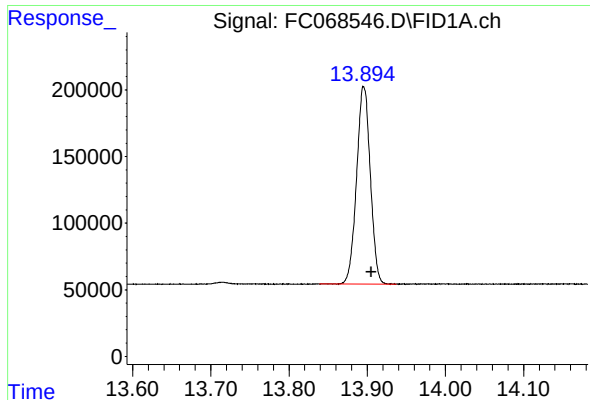
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.009 min
Response: 1828084
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

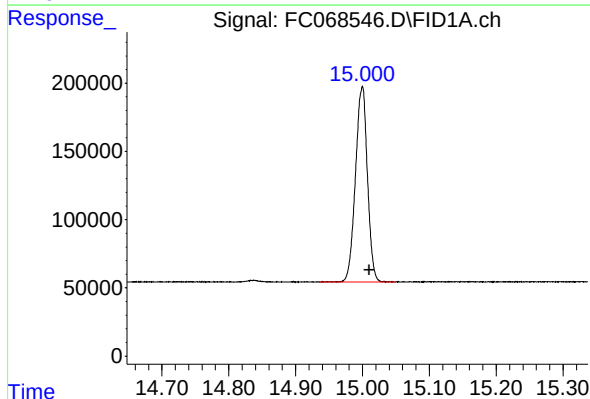
R.T.: 13.142 min
Delta R.T.: -0.010 min
Response: 1733109
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

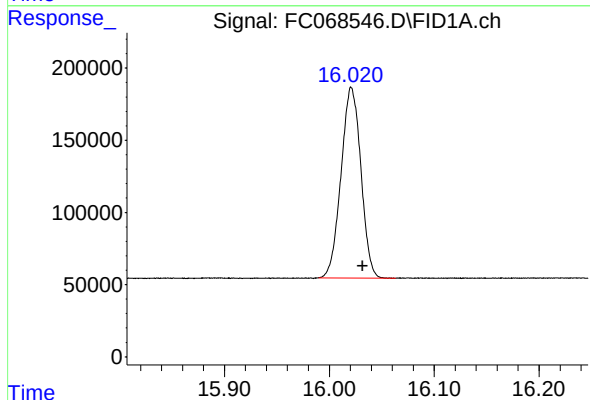
R.T.: 13.896 min
Delta R.T.: -0.009 min
Response: 1807704
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



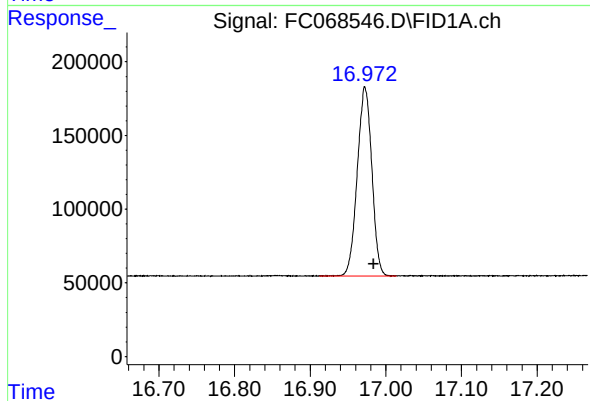
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.011 min
Response: 1779216
Conc: 18.69 ug/ml



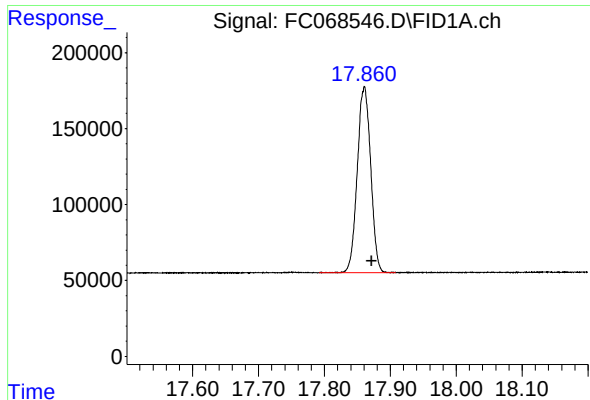
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.011 min
Response: 1735590
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

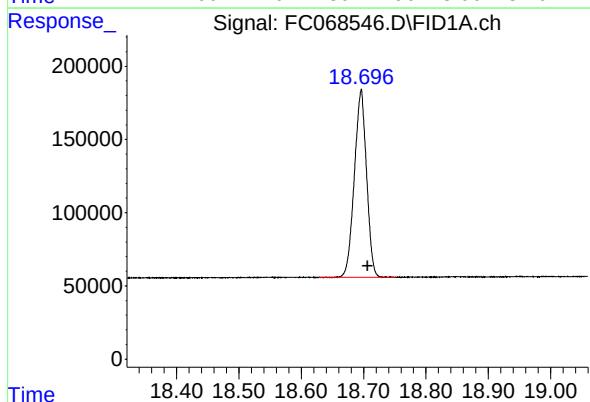
R.T.: 16.973 min
Delta R.T.: -0.011 min
Response: 1712078
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

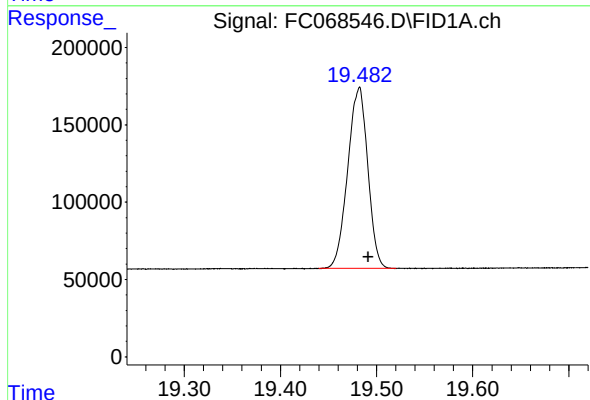
R.T.: 17.860 min
Delta R.T.: -0.011 min
Response: 1731110
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



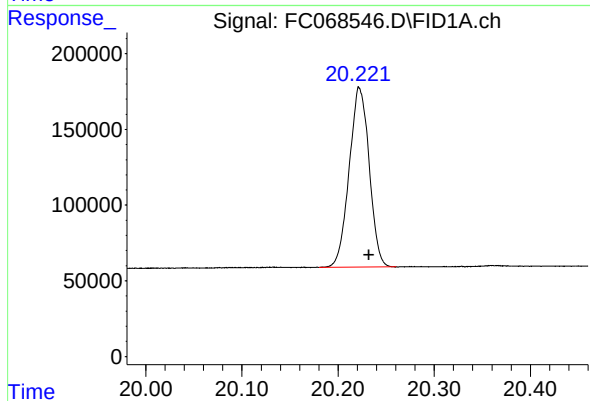
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.011 min
Response: 1741592
Conc: 18.99 ug/ml



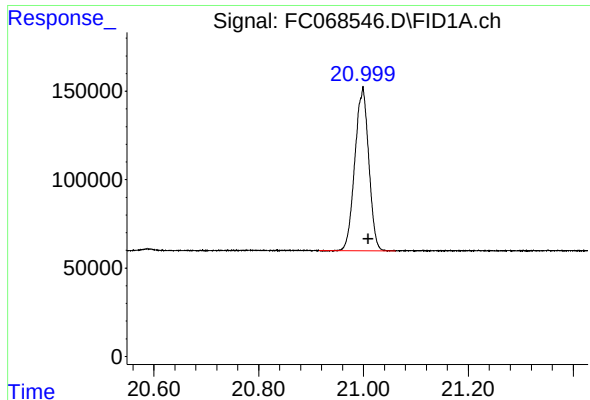
#19 n-Tetatriacontane (C34)

R.T.: 19.482 min
Delta R.T.: -0.010 min
Response: 1699695
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

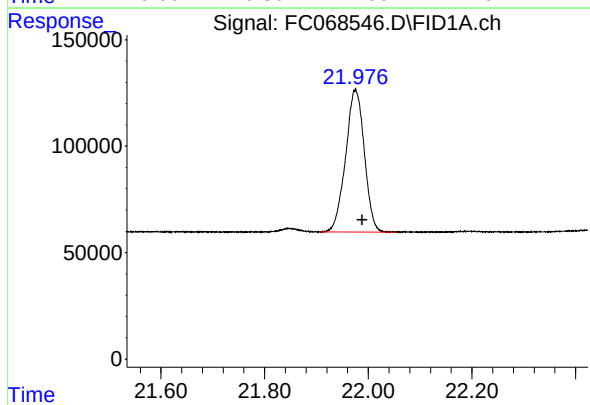
R.T.: 20.223 min
Delta R.T.: -0.010 min
Response: 1718025
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.998 min
Delta R.T.: -0.011 min
Response: 1695688
Conc: 19.18 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.014 min
Response: 1679061
Conc: 19.01 ug/ml