

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
 Data File : FC068559.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2025 19:45
 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 03:45:28 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	2312856	18.163 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
12) S 1-chlorooctadecane (S...	13.143	1655271	17.819 ug/ml
Spiked Amount 50.000		Recovery =	35.64%
Target Compounds			
1) T n-Nonane (C9)	3.445	2044969	19.416 ug/ml
2) T n-Decane (C10)	4.519	2041557	19.377 ug/ml
3) T A~Naphthalene (C11.7)	6.116	2242688	19.257 ug/ml
4) T n-Dodecane (C12)	6.544	2009723	19.111 ug/ml
5) T A~2-methylnaphthalene...	7.174	2187969	18.944 ug/ml
6) T n-Tetradecane (C14)	8.341	1923368	18.709 ug/ml
7) T n-Hexadecane (C16)	9.943	1861115	18.275 ug/ml
8) T n-Octadecane (C18)	11.386	1816626	18.052 ug/ml
10) T n-Eicosane (C20)	12.697	1755004	17.843 ug/ml
11) T n-Heneicosane (C21)	13.309	1733128	17.784 ug/ml
13) T n-Docosane (C22)	13.896	1715052	17.755 ug/ml
14) T n-Tetracosane (C24)	14.999	1690398	17.759 ug/ml
15) T n-Hexacosane (C26)	16.021	1660044	17.773 ug/ml
16) T n-Octacosane (C28)	16.973	1646713	17.986 ug/ml
17) T n-Tricontane (C30)	17.861	1680866	18.284 ug/ml
18) T n-Dotriacontane (C32)	18.696	1700136	18.534 ug/ml
19) T n-Tetratriacontane (C34)	19.481	1665071	18.638 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1682112	18.778 ug/ml
21) T n-Octatriacontane (C38)	20.996	1663838	18.819 ug/ml
22) T n-Tetracontane (C40)	21.973	1675095	18.969 ug/ml

(f)=RT Delta > 1/2 Window

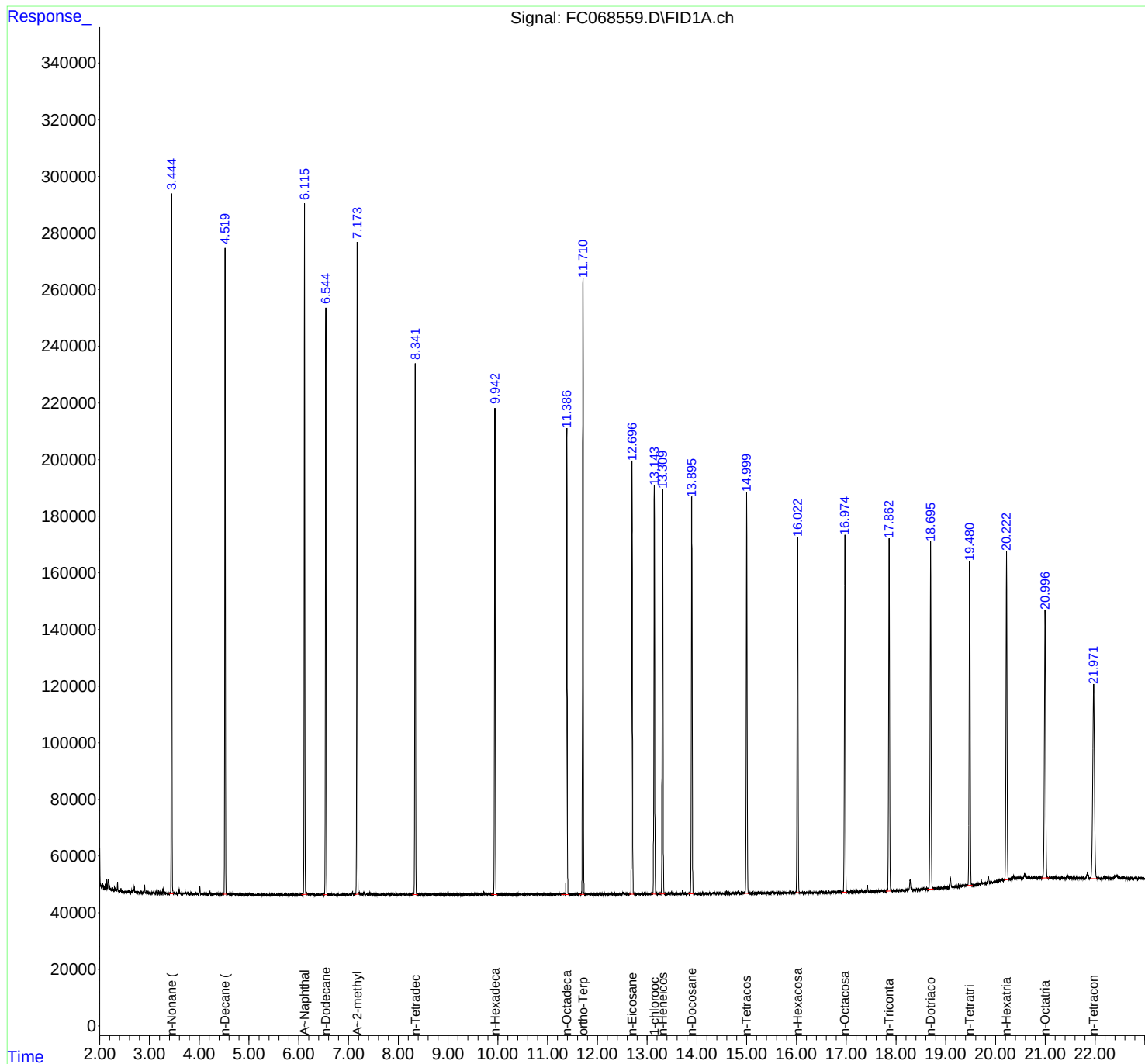
(m)=manual int.

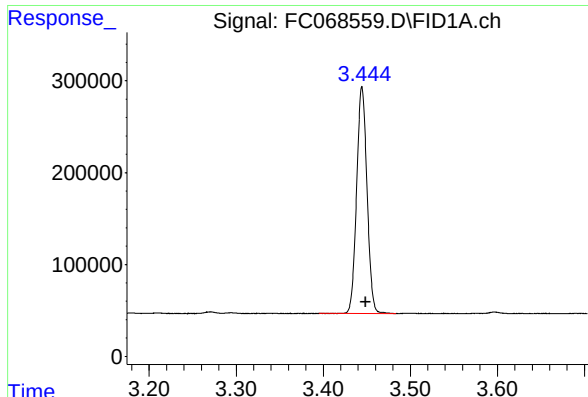
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
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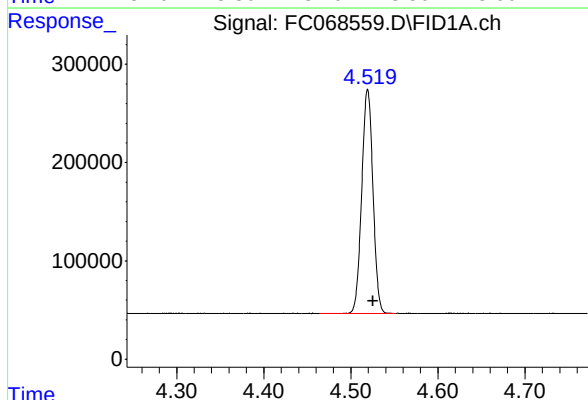




#1 n-Nonane (C9)

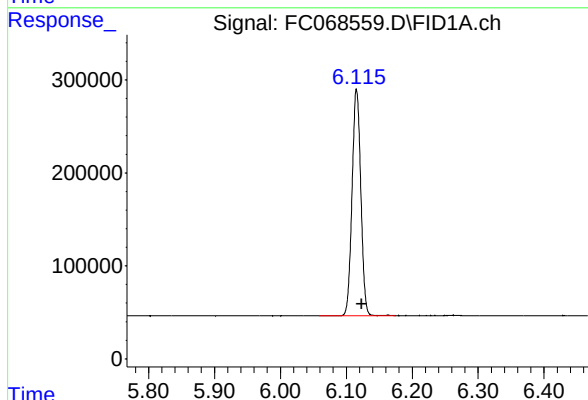
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2044969
Conc: 19.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



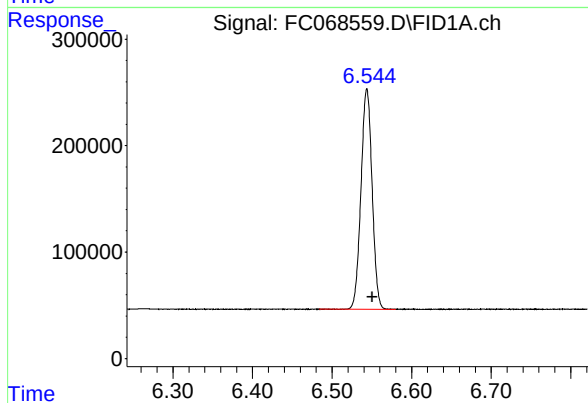
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 2041557
Conc: 19.38 ug/ml



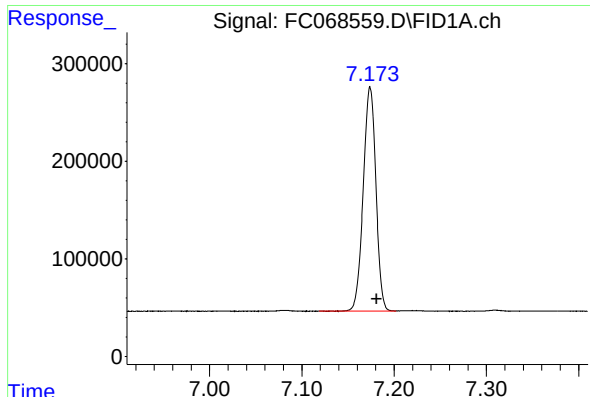
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.008 min
Response: 2242688
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

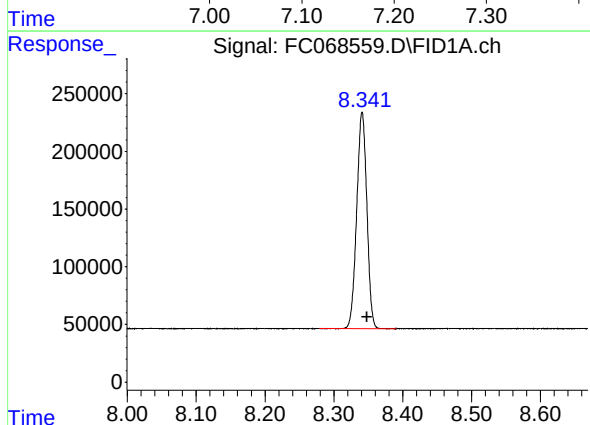
R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 2009723
Conc: 19.11 ug/ml



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

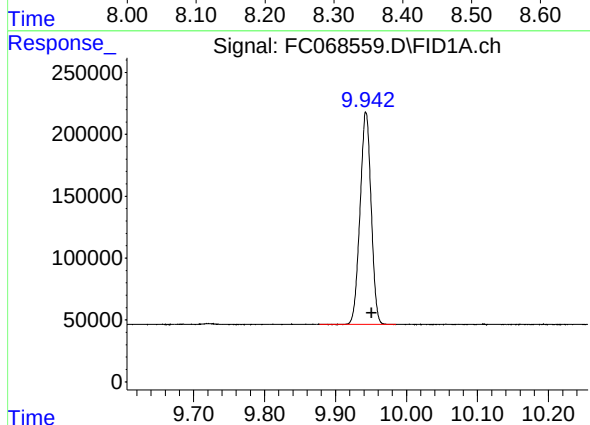
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 2187969
Conc: 18.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



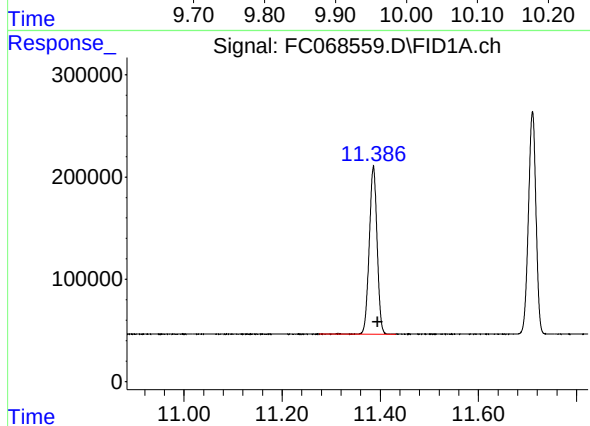
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 1923368
Conc: 18.71 ug/ml



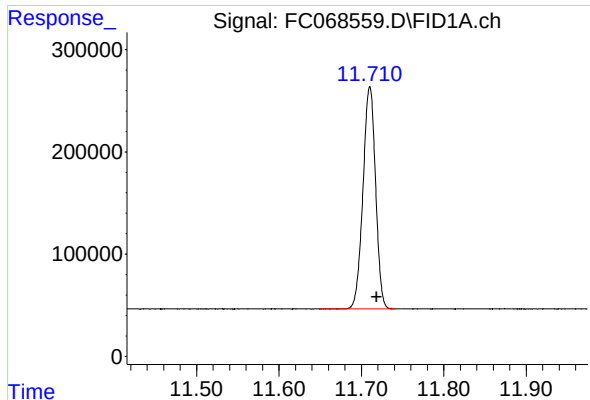
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: -0.008 min
Response: 1861115
Conc: 18.27 ug/ml



#8 n-Octadecane (C18)

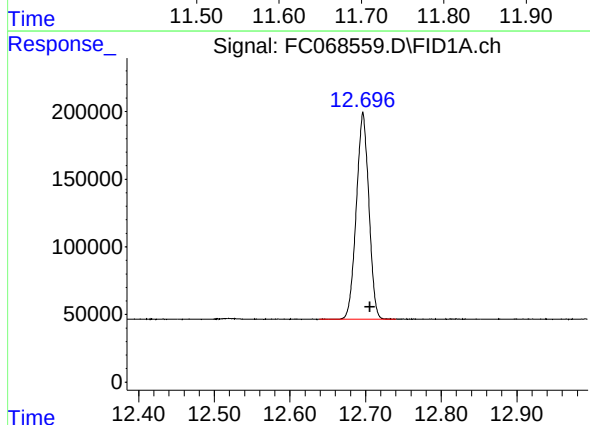
R.T.: 11.386 min
Delta R.T.: -0.009 min
Response: 1816626
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

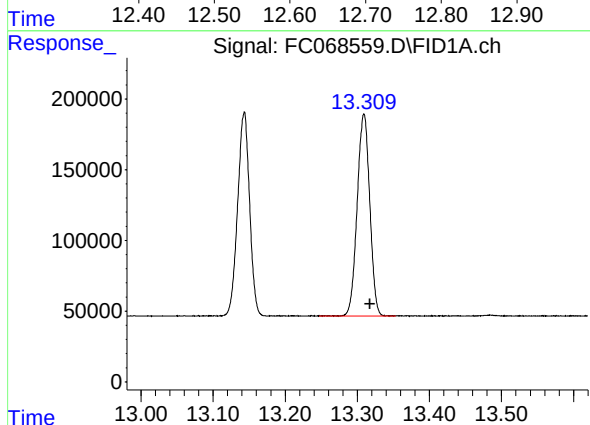
R.T.: 11.710 min
Delta R.T.: -0.009 min
Response: 2312856
Conc: 18.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



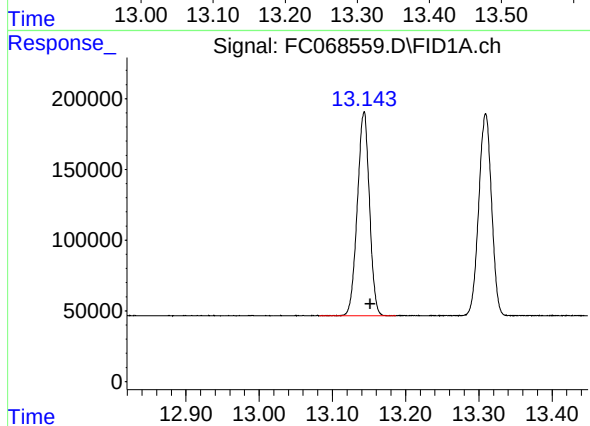
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: -0.009 min
Response: 1755004
Conc: 17.84 ug/ml



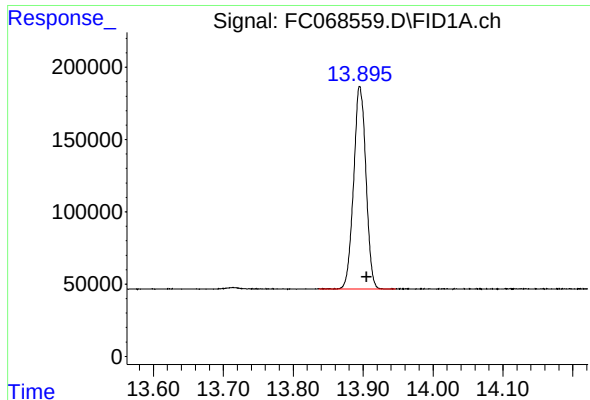
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.009 min
Response: 1733128
Conc: 17.78 ug/ml



#12 1-chlorooctadecane (SURR)

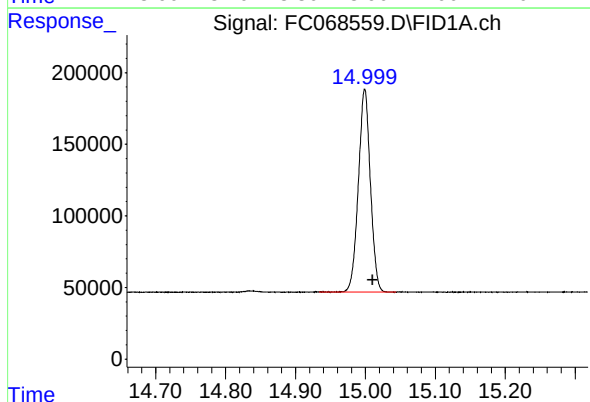
R.T.: 13.143 min
Delta R.T.: -0.009 min
Response: 1655271
Conc: 17.82 ug/ml



#13 n-Docosane (C22)

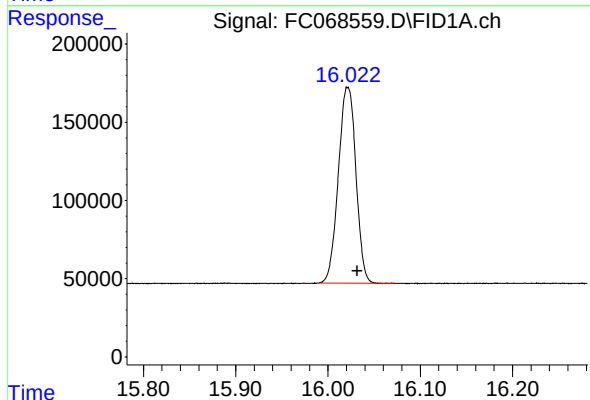
R.T.: 13.896 min
Delta R.T.: -0.009 min
Response: 1715052
Conc: 17.76 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



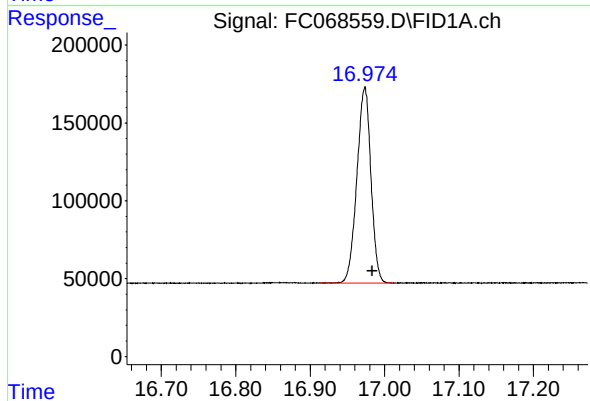
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.011 min
Response: 1690398
Conc: 17.76 ug/ml



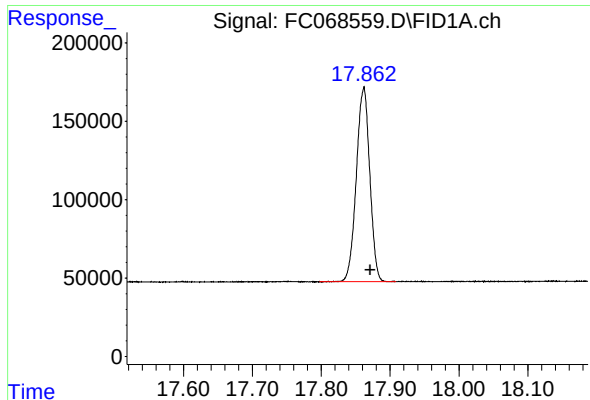
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.010 min
Response: 1660044
Conc: 17.77 ug/ml



#16 n-Octacosane (C28)

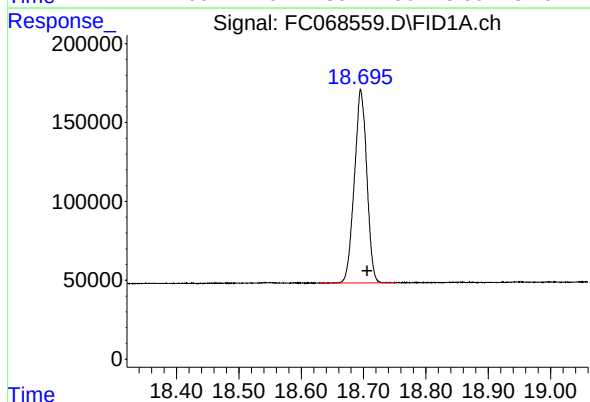
R.T.: 16.973 min
Delta R.T.: -0.010 min
Response: 1646713
Conc: 17.99 ug/ml



#17 n-Tricontane (C30)

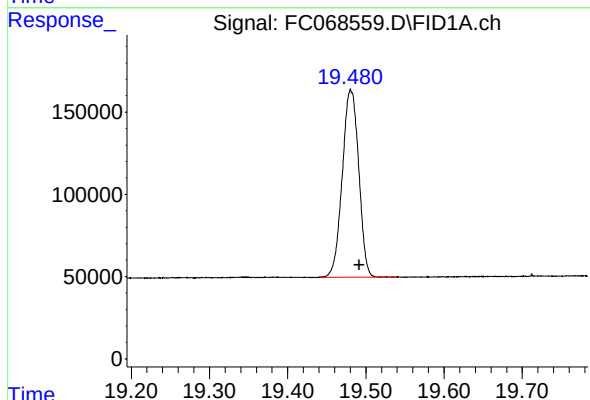
R.T.: 17.861 min
Delta R.T.: -0.010 min
Response: 1680866
Conc: 18.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



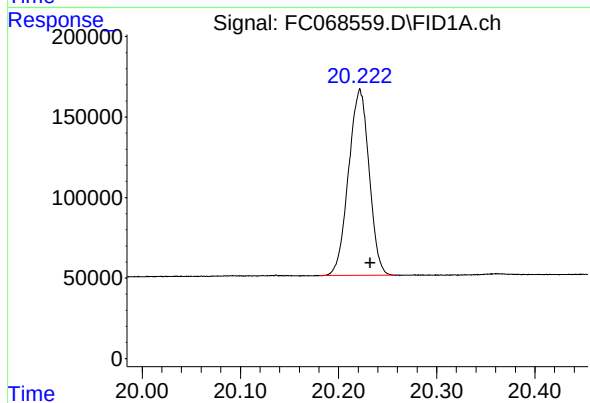
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.011 min
Response: 1700136
Conc: 18.53 ug/ml



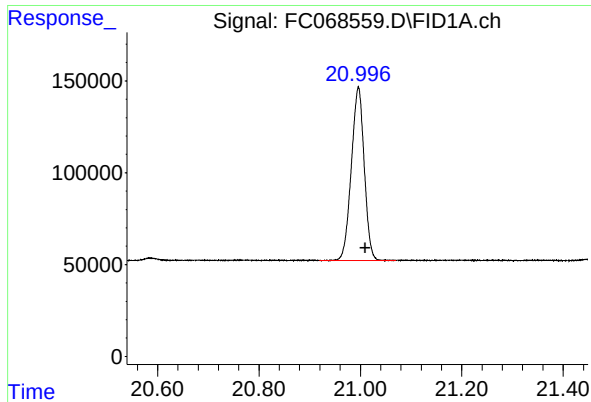
#19 n-Tetatriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.011 min
Response: 1665071
Conc: 18.64 ug/ml



#20 n-Hexatriacontane (C36)

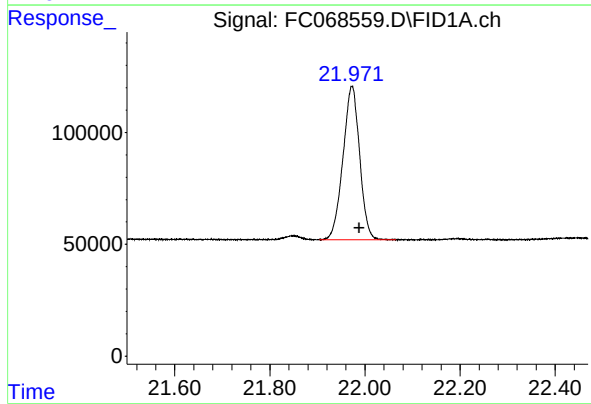
R.T.: 20.222 min
Delta R.T.: -0.011 min
Response: 1682112
Conc: 18.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: -0.013 min
Response: 1663838
Conc: 18.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: -0.016 min
Response: 1675095
Conc: 18.97 ug/ml