

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050825AL\
 Data File : FC068799.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2025 17:14
 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 09 09:08:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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	2110292	18.489 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
12) S 1-chlorooctadecane (S...	13.142	1542692	19.229 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.442	1737195	17.272 ug/ml
2) T n-Decane (C10)	4.517	1768912	17.753 ug/ml
3) T A~Naphthalene (C11.7)	6.114	1924285	17.452 ug/ml
4) T n-Dodecane (C12)	6.543	1772018	18.235 ug/ml
5) T A~2-methylnaphthalene...	7.172	1886216	17.574 ug/ml
6) T n-Tetradecane (C14)	8.339	1740497	18.832 ug/ml
7) T n-Hexadecane (C16)	9.942	1736811	19.396 ug/ml
8) T n-Octadecane (C18)	11.385	1719553	19.603 ug/ml
10) T n-Eicosane (C20)	12.696	1678654	19.698 ug/ml
11) T n-Heneicosane (C21)	13.309	1658648	19.665 ug/ml
13) T n-Docosane (C22)	13.895	1647975	19.699 ug/ml
14) T n-Tetracosane (C24)	14.999	1641703	19.730 ug/ml
15) T n-Hexacosane (C26)	16.021	1629568	19.668 ug/ml
16) T n-Octacosane (C28)	16.973	1694993	20.509 ug/ml
17) T n-Tricontane (C30)	17.861	1876545	22.178 ug/ml
18) T n-Dotriacontane (C32)	18.695	1965282	22.816 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1865114	21.891 ug/ml
20) T n-Hexatriacontane (C36)	20.220	1813286	21.097 ug/ml
21) T n-Octatriacontane (C38)	20.994	1733890	20.670 ug/ml
22) T n-Tetracontane (C40)	21.972	1667020	20.340 ug/ml

(f)=RT Delta > 1/2 Window

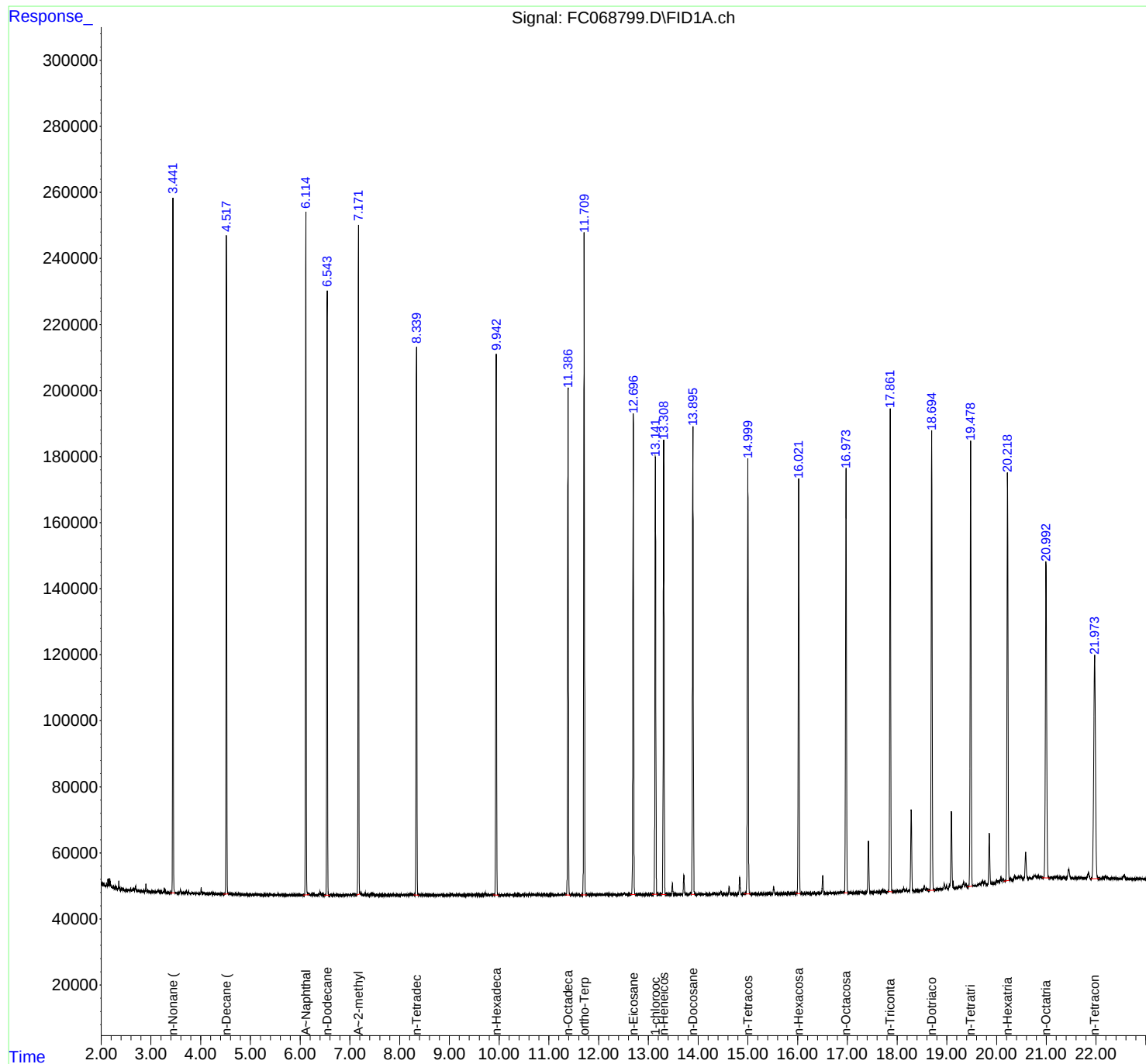
(m)=manual int.

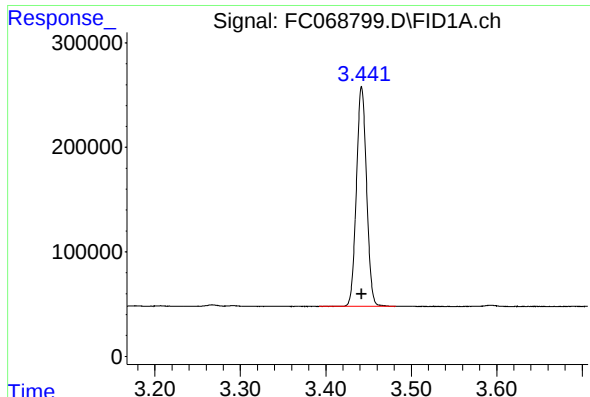
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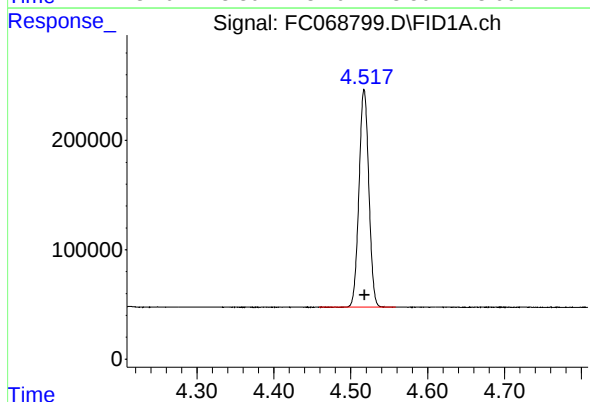




#1 n-Nonane (C9)

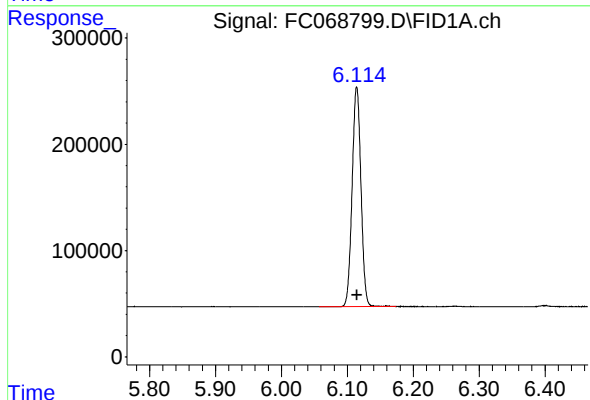
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 1737195
Conc: 17.27 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



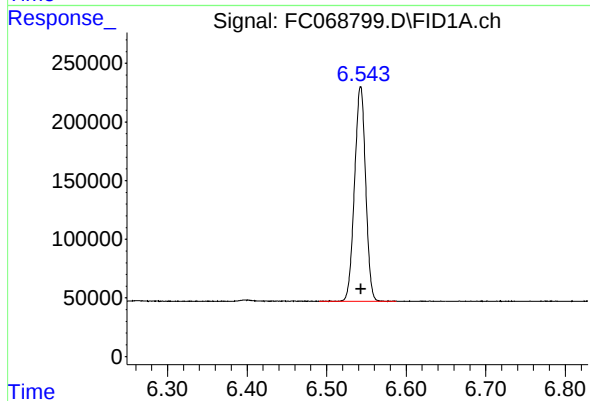
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1768912
Conc: 17.75 ug/ml



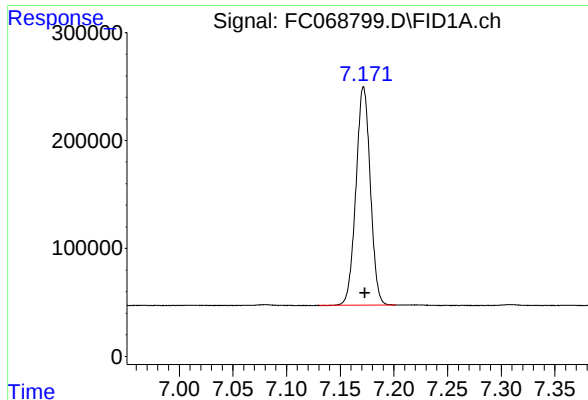
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 1924285
Conc: 17.45 ug/ml



#4 n-Dodecane (C12)

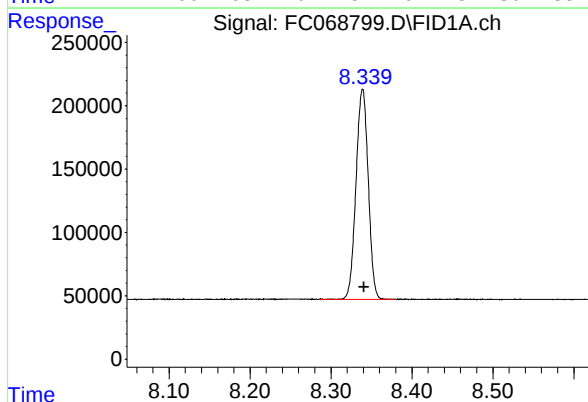
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 1772018
Conc: 18.23 ug/ml



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

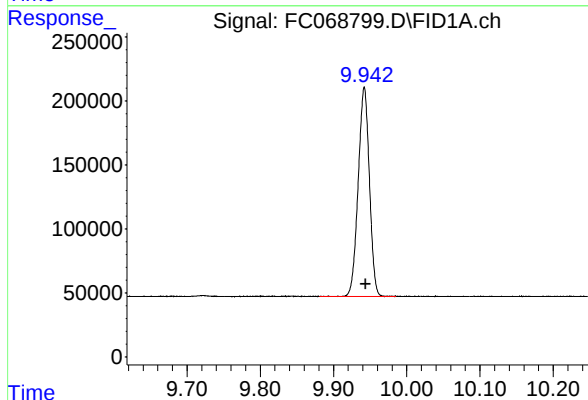
R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 1886216
Conc: 17.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



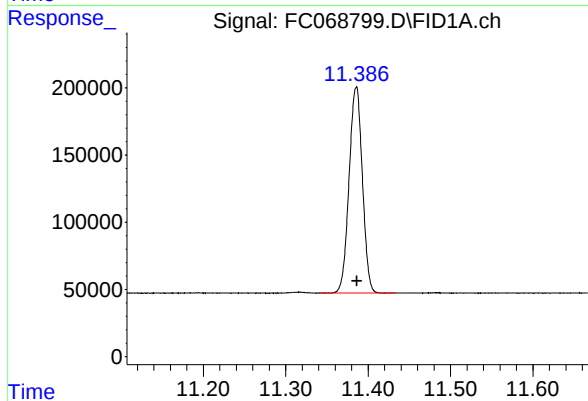
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 1740497
Conc: 18.83 ug/ml



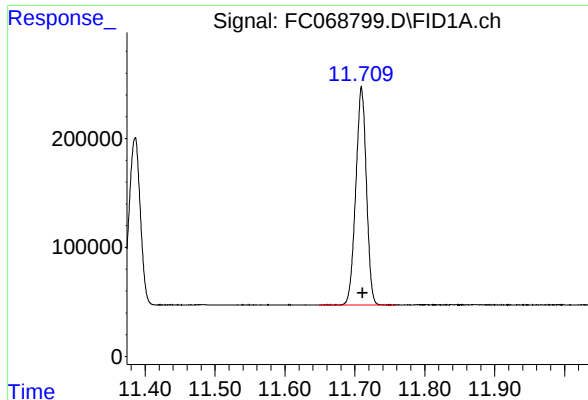
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.002 min
Response: 1736811
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

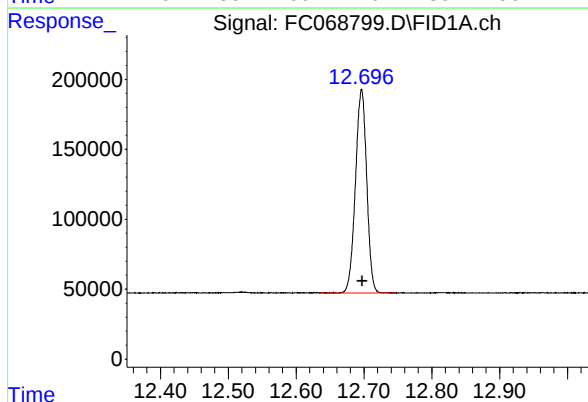
R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 1719553
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

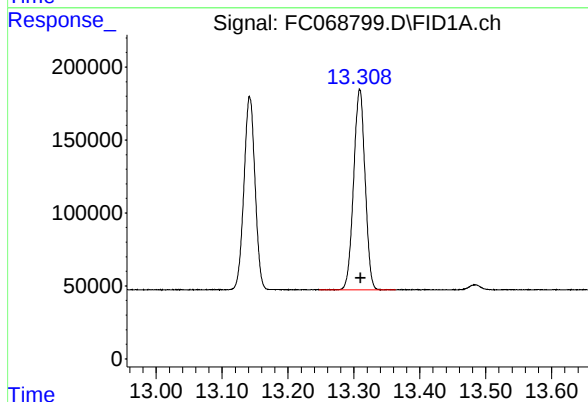
R.T.: 11.710 min
Delta R.T.: -0.001 min
Response: 2110292
Conc: 18.49 ug/ml

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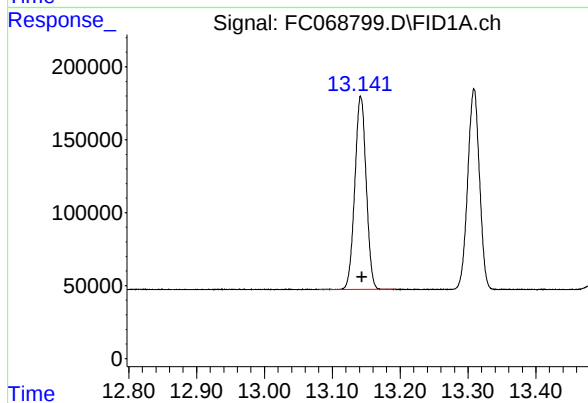
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: 0.000 min
Response: 1678654
Conc: 19.70 ug/ml



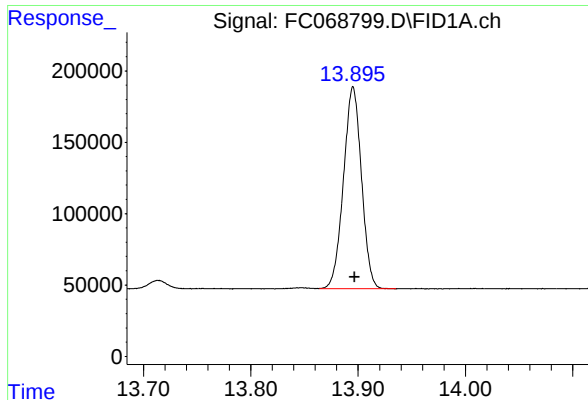
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 1658648
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

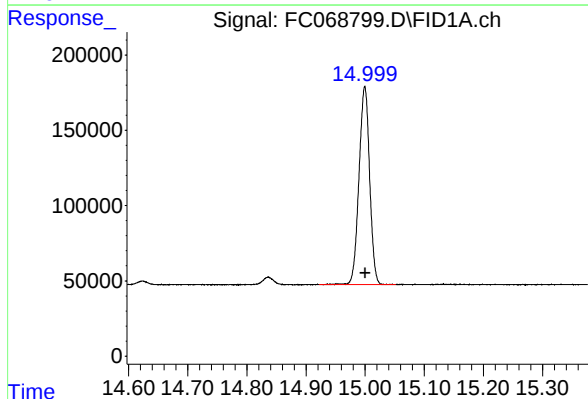
R.T.: 13.142 min
Delta R.T.: -0.002 min
Response: 1542692
Conc: 19.23 ug/ml



#13 n-Docosane (C22)

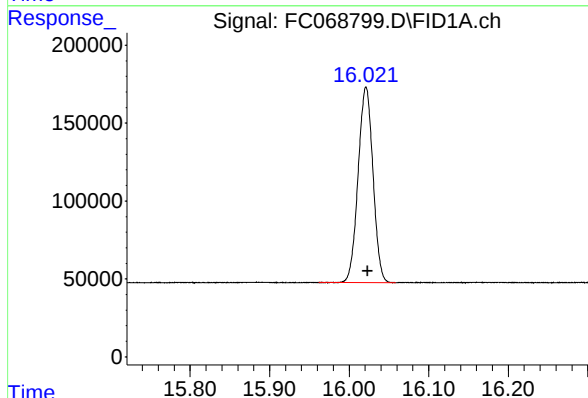
R.T.: 13.895 min
Delta R.T.: -0.001 min
Response: 1647975
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



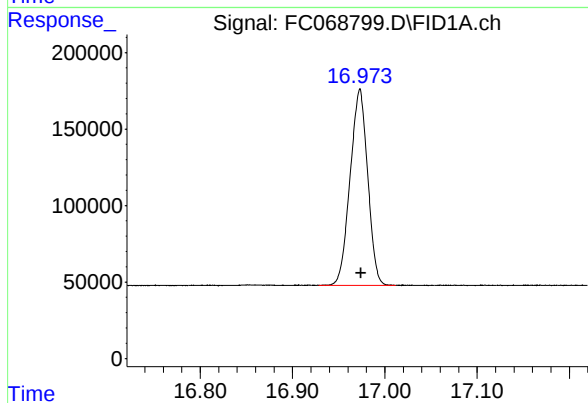
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.001 min
Response: 1641703
Conc: 19.73 ug/ml



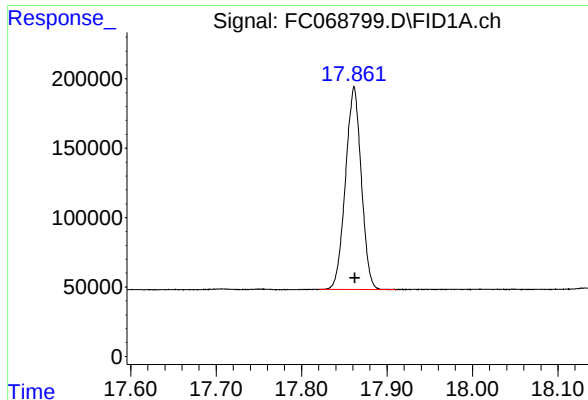
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.002 min
Response: 1629568
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

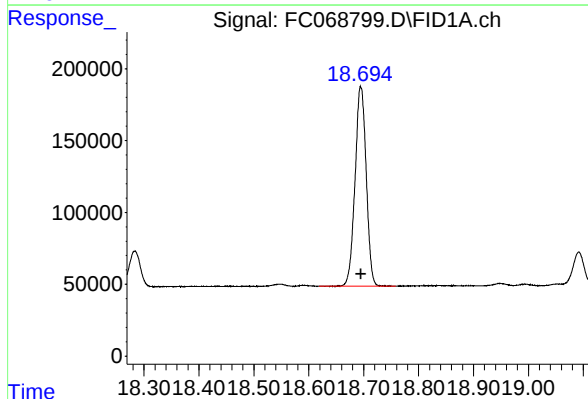
R.T.: 16.973 min
Delta R.T.: -0.001 min
Response: 1694993
Conc: 20.51 ug/ml



#17 n-Tricontane (C30)

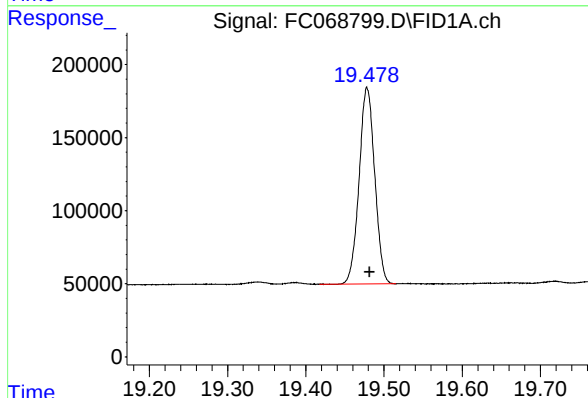
R.T.: 17.861 min
Delta R.T.: -0.001 min
Response: 1876545
Conc: 22.18 ug/ml

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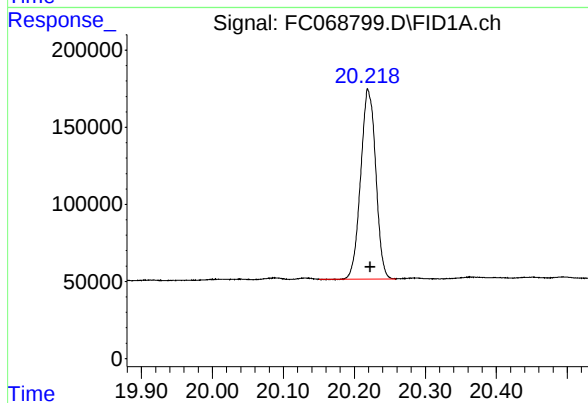
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 1965282
Conc: 22.82 ug/ml



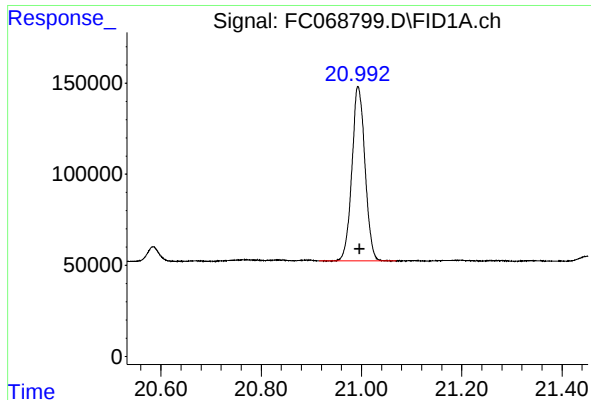
#19 n-Tetatriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.003 min
Response: 1865114
Conc: 21.89 ug/ml



#20 n-Hexatriacontane (C36)

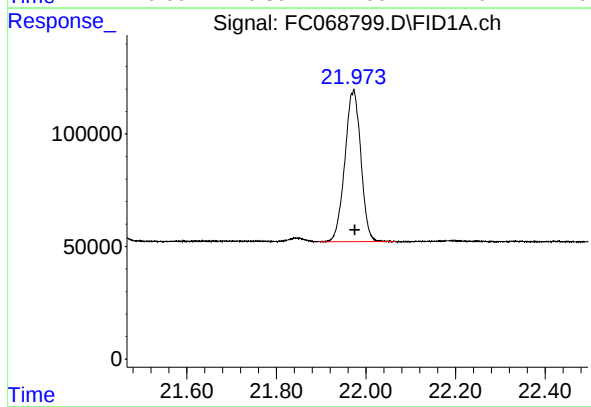
R.T.: 20.220 min
Delta R.T.: -0.003 min
Response: 1813286
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: -0.003 min
Response: 1733890
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.004 min
Response: 1667020
Conc: 20.34 ug/ml