

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
 Data File : FC068549.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2025 11:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 03:42:03 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	2464638	19.355 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
12) S 1-chlorooctadecane (S...	13.142	1769894	19.053 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	3.446	2161670	20.524 ug/ml
2) T n-Decane (C10)	4.520	2159584	20.497 ug/ml
3) T A~Naphthalene (C11.7)	6.116	2346190	20.146 ug/ml
4) T n-Dodecane (C12)	6.544	2137109	20.322 ug/ml
5) T A~2-methylnaphthalene...	7.174	2314551	20.040 ug/ml
6) T n-Tetradecane (C14)	8.342	2063164	20.069 ug/ml
7) T n-Hexadecane (C16)	9.944	2016474	19.800 ug/ml
8) T n-Octadecane (C18)	11.387	1963443	19.511 ug/ml
10) T n-Eicosane (C20)	12.697	1896620	19.282 ug/ml
11) T n-Heneicosane (C21)	13.310	1866977	19.157 ug/ml
13) T n-Docosane (C22)	13.897	1837840	19.026 ug/ml
14) T n-Tetracosane (C24)	15.000	1796662	18.876 ug/ml
15) T n-Hexacosane (C26)	16.021	1746994	18.704 ug/ml
16) T n-Octacosane (C28)	16.971	1719337	18.779 ug/ml
17) T n-Tricontane (C30)	17.861	1742727	18.957 ug/ml
18) T n-Dotriacontane (C32)	18.696	1754648	19.129 ug/ml
19) T n-Tetratriacontane (C34)	19.481	1717016	19.219 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1727695	19.287 ug/ml
21) T n-Octatriacontane (C38)	20.997	1705308	19.288 ug/ml
22) T n-Tetracontane (C40)	21.975	1691814	19.159 ug/ml

(f)=RT Delta > 1/2 Window

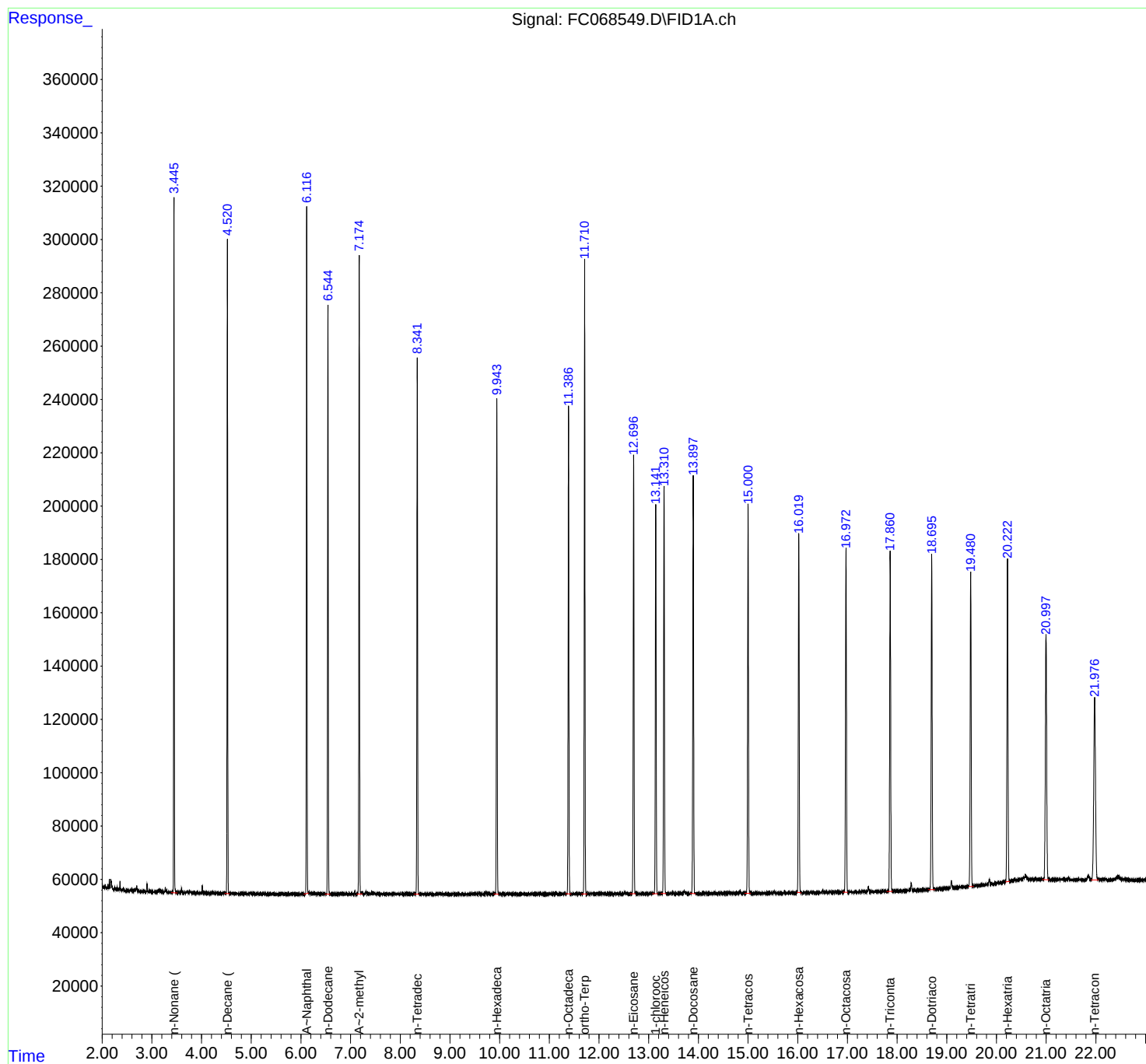
(m)=manual int.

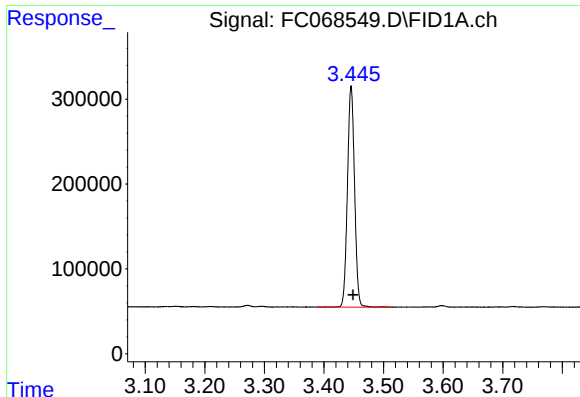
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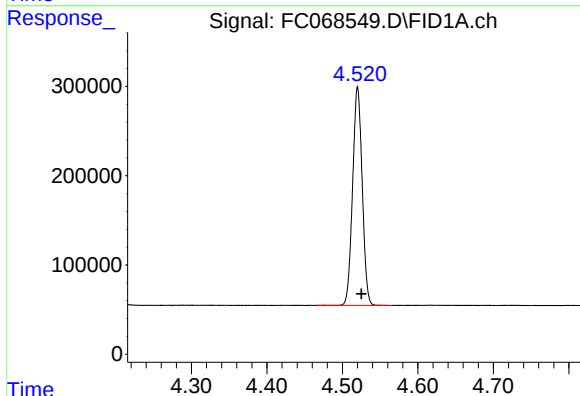




#1 n-Nonane (C9)

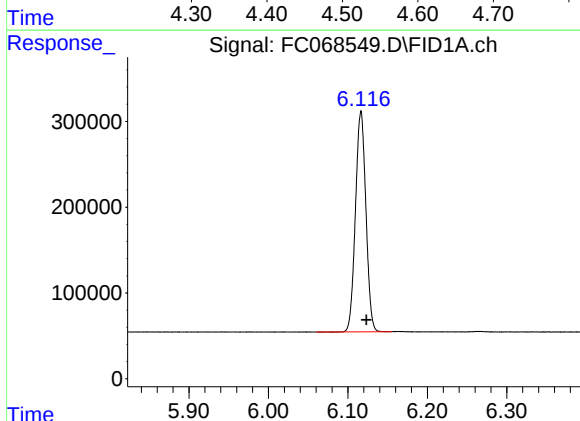
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2161670
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :



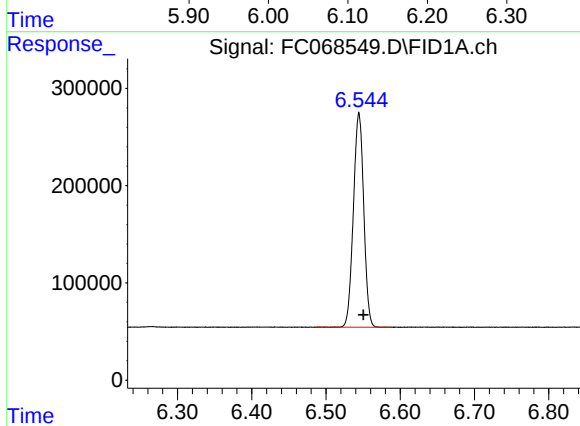
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 2159584
Conc: 20.50 ug/ml



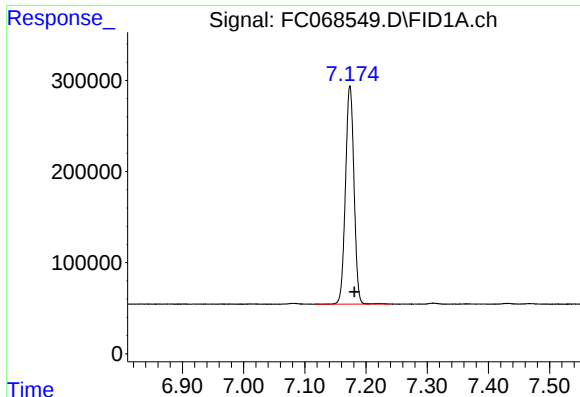
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: -0.007 min
Response: 2346190
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

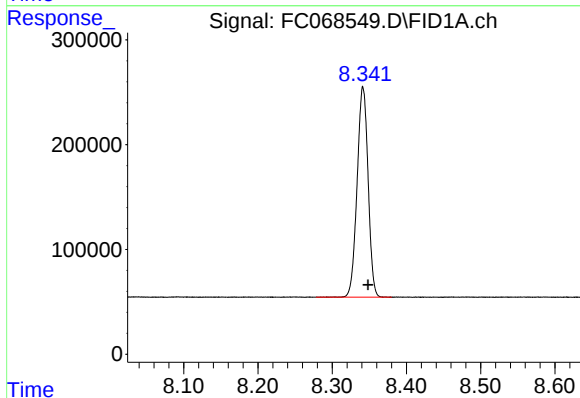
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 2137109
Conc: 20.32 ug/ml



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

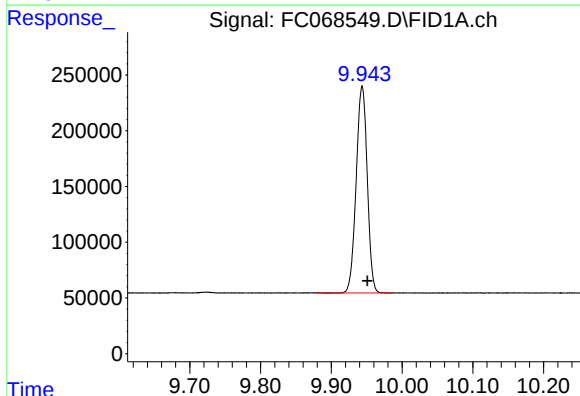
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 2314551
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :



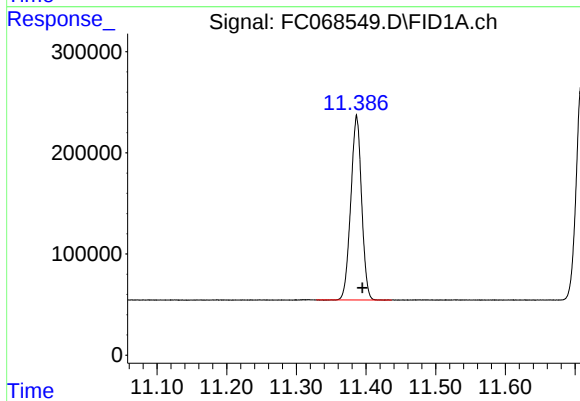
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: -0.007 min
Response: 2063164
Conc: 20.07 ug/ml



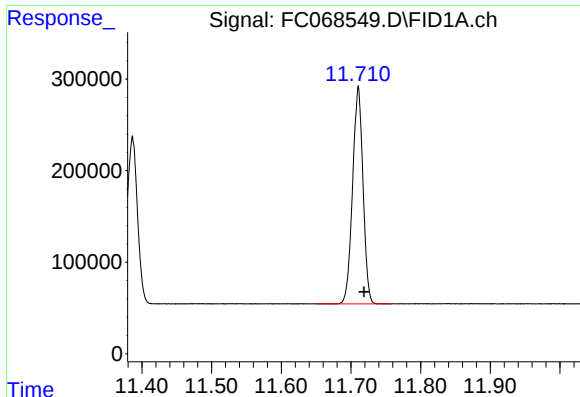
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: -0.007 min
Response: 2016474
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

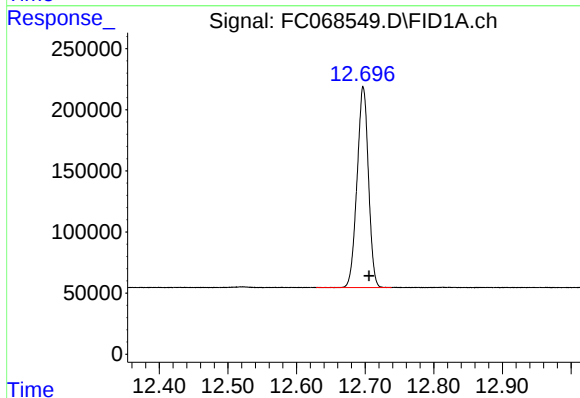
R.T.: 11.387 min
Delta R.T.: -0.008 min
Response: 1963443
Conc: 19.51 ug/ml



#9 ortho-Terphenyl (SURR)

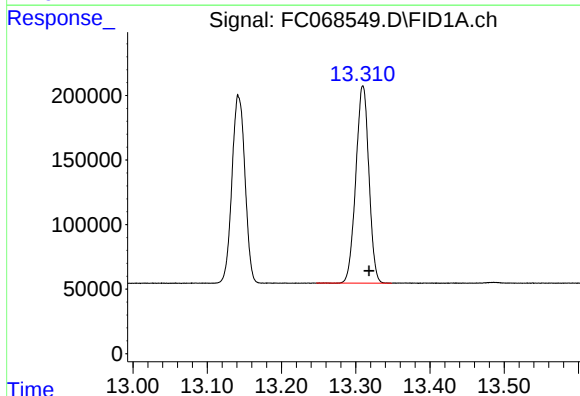
R.T.: 11.710 min
Delta R.T.: -0.008 min
Response: 2464638
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :



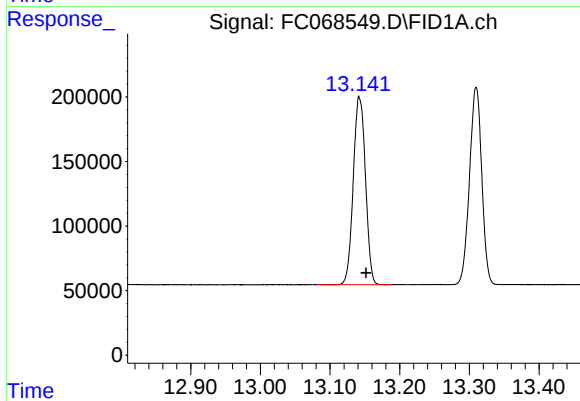
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: -0.008 min
Response: 1896620
Conc: 19.28 ug/ml



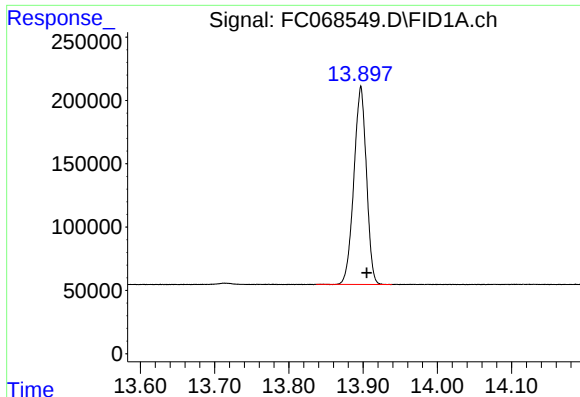
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.008 min
Response: 1866977
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

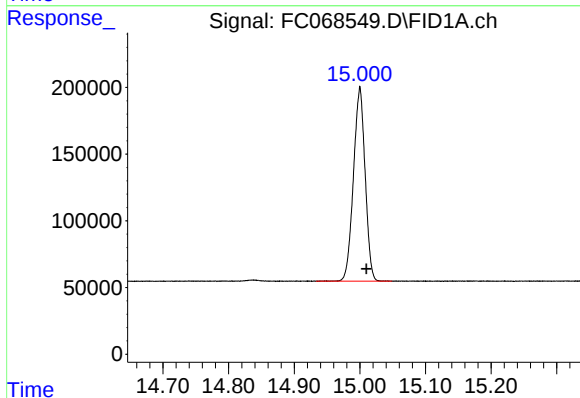
R.T.: 13.142 min
Delta R.T.: -0.010 min
Response: 1769894
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

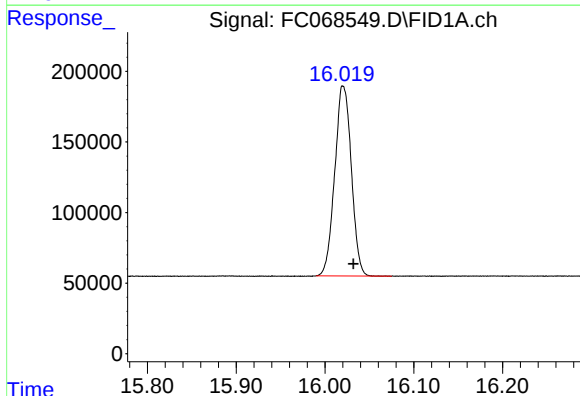
R.T.: 13.897 min
Delta R.T.: -0.008 min
Response: 1837840
Conc: 19.03 ug/ml

Instrument :
FID_C
ClientSampleId :



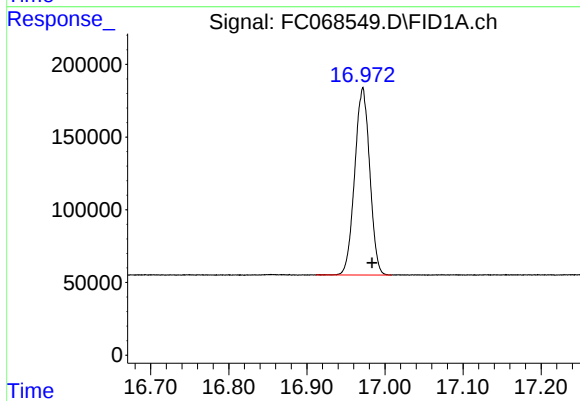
#14 n-Tetracosane (C24)

R.T.: 15.000 min
Delta R.T.: -0.010 min
Response: 1796662
Conc: 18.88 ug/ml



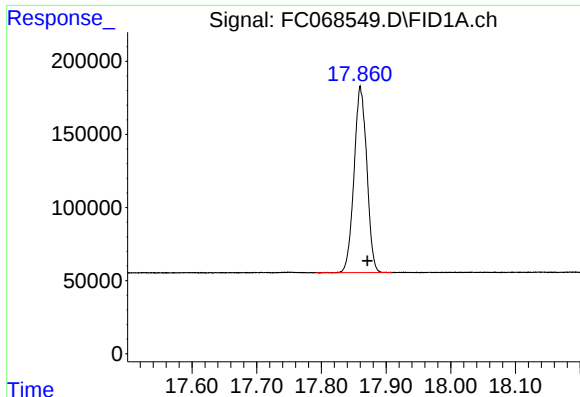
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.011 min
Response: 1746994
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

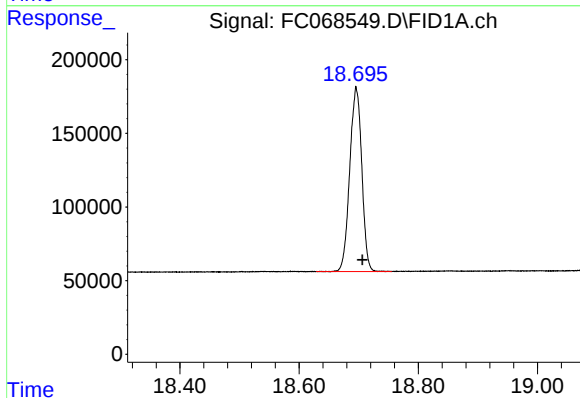
R.T.: 16.971 min
Delta R.T.: -0.012 min
Response: 1719337
Conc: 18.78 ug/ml



#17 n-Tricontane (C30)

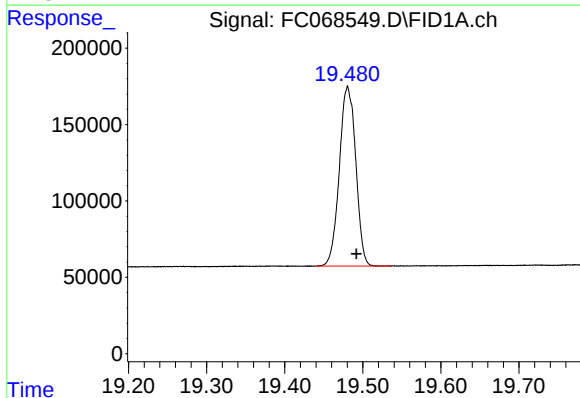
R.T.: 17.861 min
Delta R.T.: -0.011 min
Response: 1742727
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :



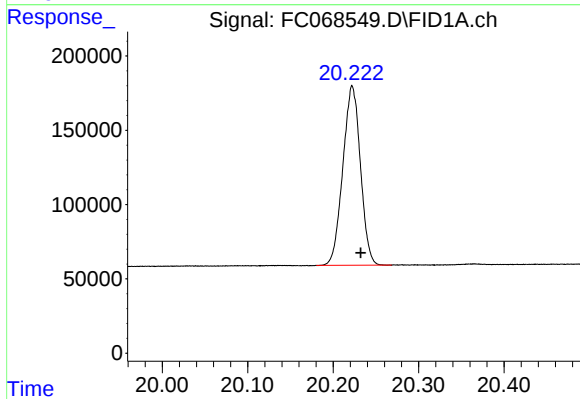
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.010 min
Response: 1754648
Conc: 19.13 ug/ml



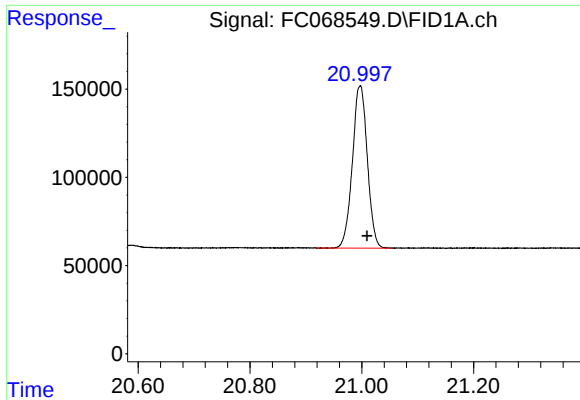
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.011 min
Response: 1717016
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

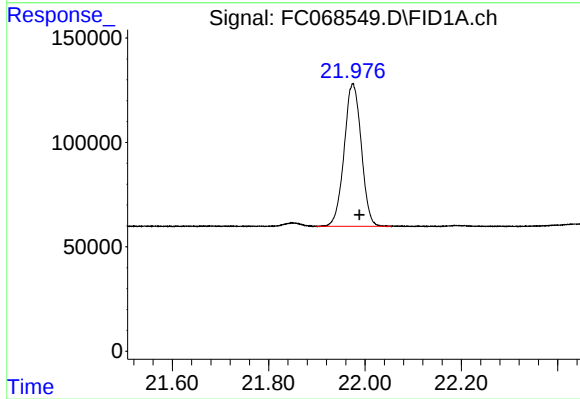
R.T.: 20.222 min
Delta R.T.: -0.010 min
Response: 1727695
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: -0.013 min
Response: 1705308
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.014 min
Response: 1691814
Conc: 19.16 ug/ml