

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050125AL\
 Data File : FC068739.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2025 19:36
 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 02 03:34:56 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)	11.714	2336644	18.350 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	13.147	1661837	17.890 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.443	2004924	19.036 ug/ml
2) T n-Decane (C10)	4.519	2008063	19.059 ug/ml
3) T A~Naphthalene (C11.7)	6.117	2211675	18.991 ug/ml
4) T n-Dodecane (C12)	6.544	1967965	18.713 ug/ml
5) T A~2-methylnaphthalene...	7.175	2179964	18.875 ug/ml
6) T n-Tetradecane (C14)	8.342	1885318	18.339 ug/ml
7) T n-Hexadecane (C16)	9.946	1840665	18.074 ug/ml
8) T n-Octadecane (C18)	11.390	1811102	17.997 ug/ml
10) T n-Eicosane (C20)	12.701	1756256	17.855 ug/ml
11) T n-Heneicosane (C21)	13.314	1740380	17.858 ug/ml
13) T n-Docosane (C22)	13.901	1734445	17.956 ug/ml
14) T n-Tetracosane (C24)	15.005	1726210	18.135 ug/ml
15) T n-Hexacosane (C26)	16.028	1726782	18.487 ug/ml
16) T n-Octacosane (C28)	16.980	1765068	19.278 ug/ml
17) T n-Tricontane (C30)	17.869	1883155	20.484 ug/ml
18) T n-Dotriacontane (C32)	18.702	1953120	21.292 ug/ml
19) T n-Tetratriacontane (C34)	19.487	1904087	21.313 ug/ml
20) T n-Hexatriacontane (C36)	20.229	1911386	21.337 ug/ml
21) T n-Octatriacontane (C38)	21.005	1884044	21.310 ug/ml
22) T n-Tetracontane (C40)	21.985	1873116	21.212 ug/ml

(f)=RT Delta > 1/2 Window

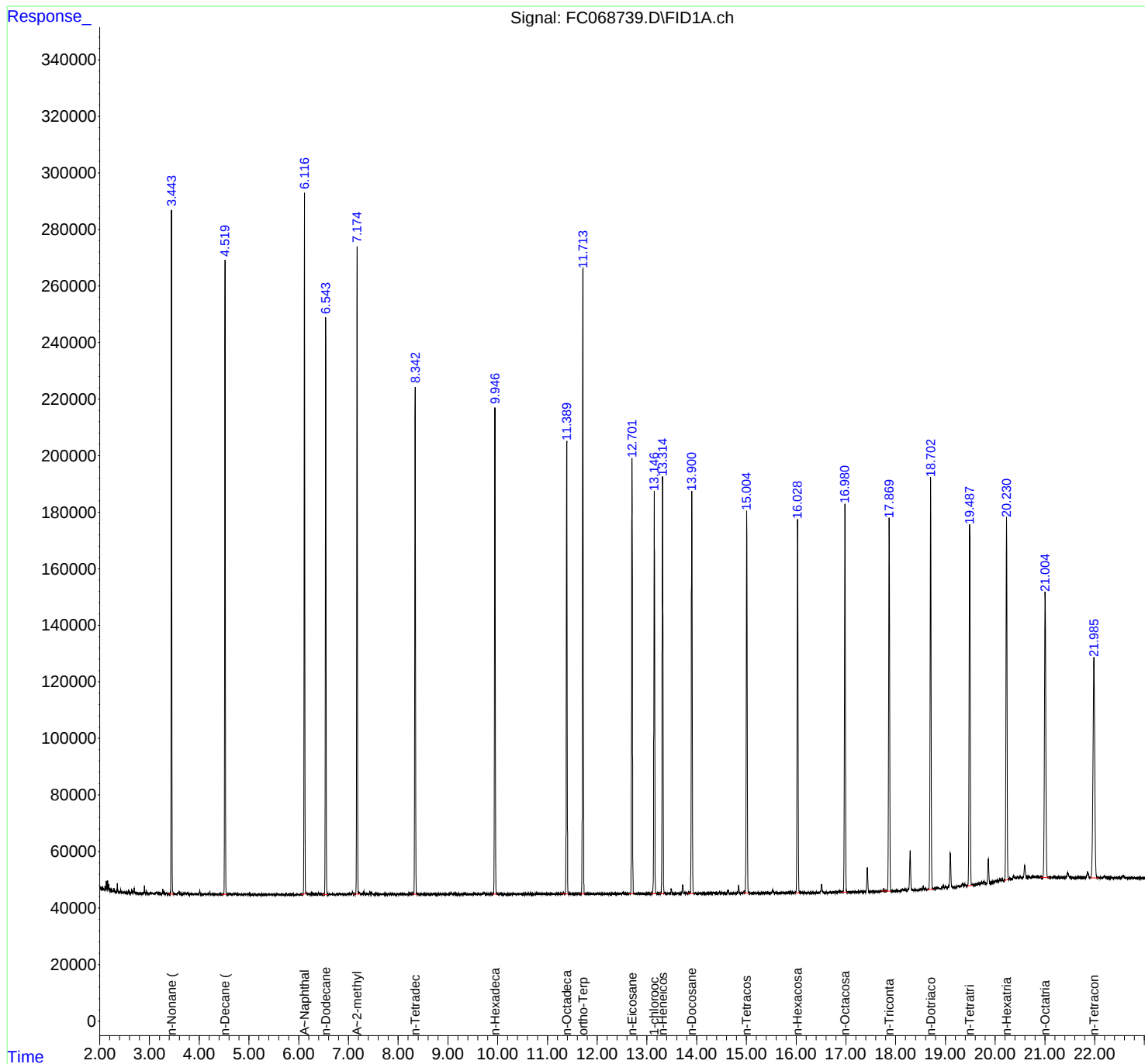
(m)=manual int.

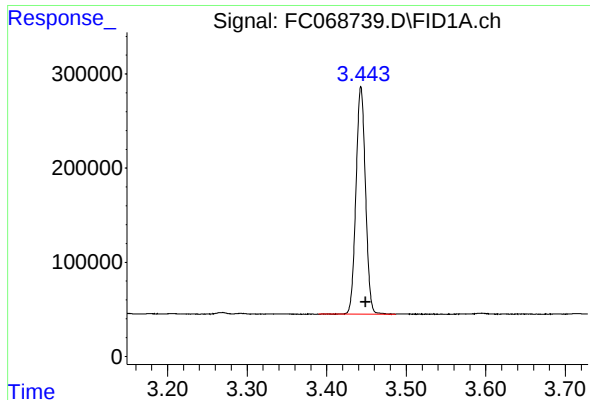
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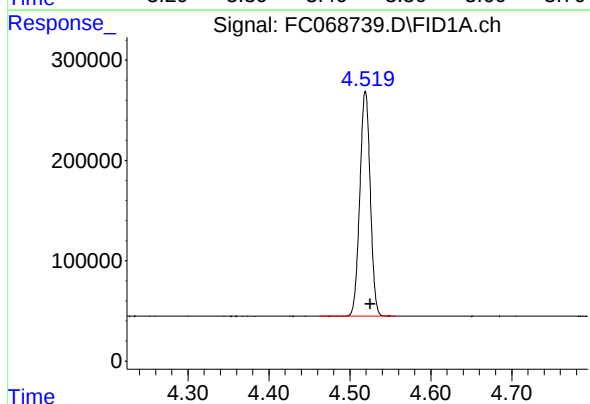




#1 n-Nonane (C9)

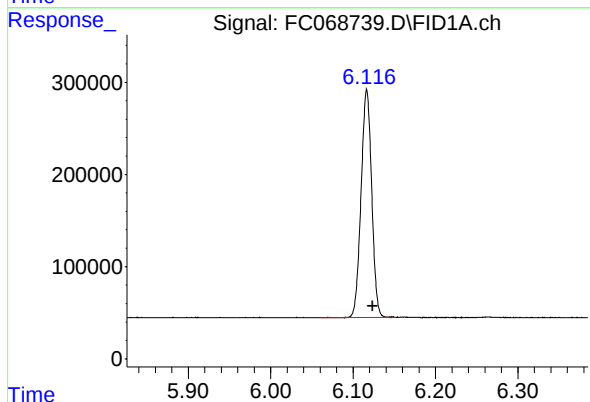
R.T.: 3.443 min
Delta R.T.: -0.006 min
Response: 2004924
Conc: 19.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



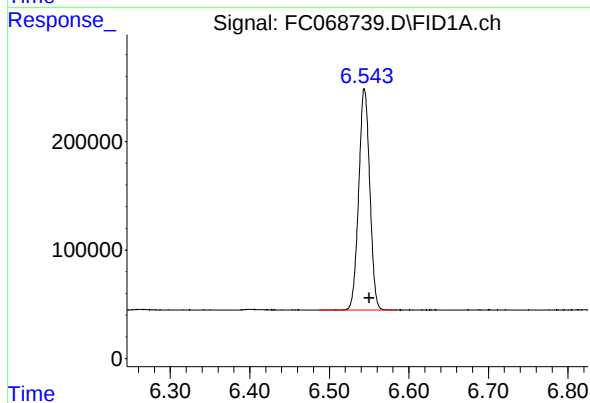
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 2008063
Conc: 19.06 ug/ml



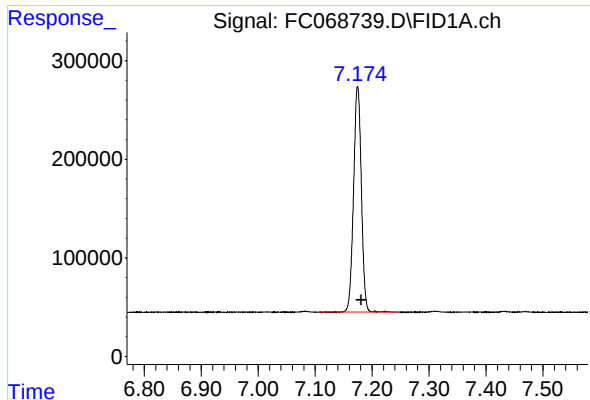
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.007 min
Response: 2211675
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

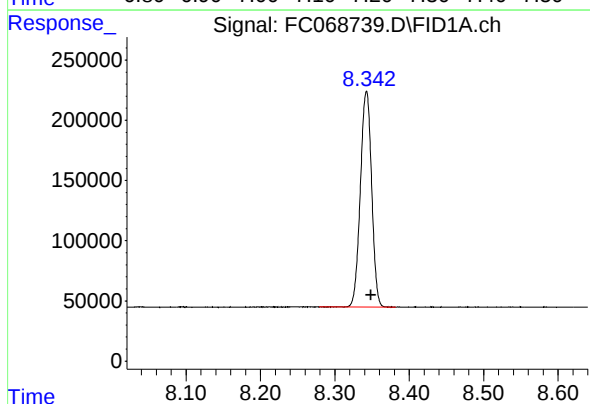
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 1967965
Conc: 18.71 ug/ml



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

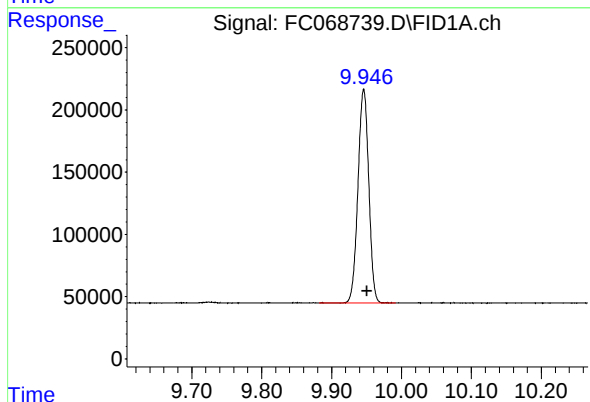
R.T.: 7.175 min
Delta R.T.: -0.006 min
Response: 2179964
Conc: 18.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



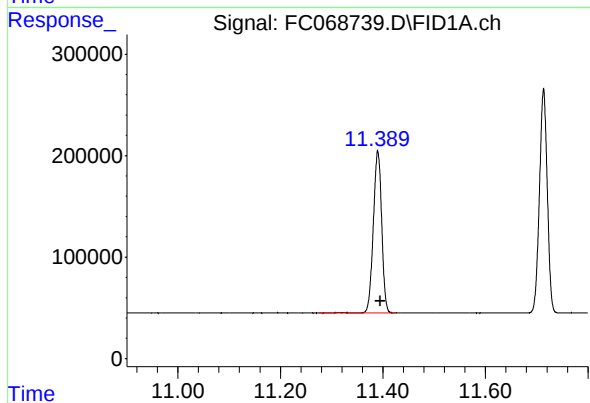
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: -0.006 min
Response: 1885318
Conc: 18.34 ug/ml



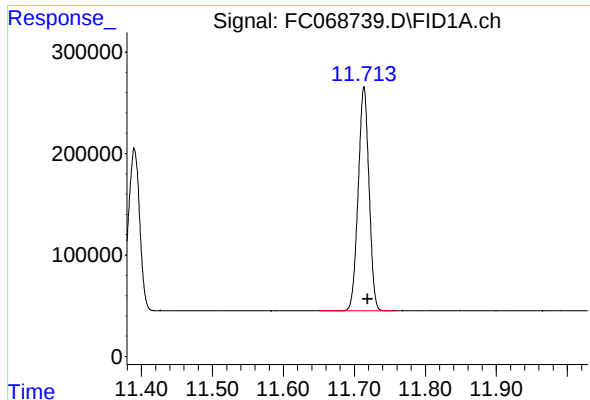
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: -0.005 min
Response: 1840665
Conc: 18.07 ug/ml



#8 n-Octadecane (C18)

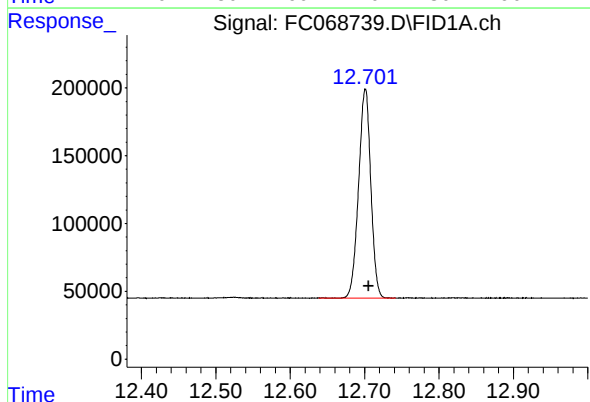
R.T.: 11.390 min
Delta R.T.: -0.005 min
Response: 1811102
Conc: 18.00 ug/ml



#9 ortho-Terphenyl (SURR)

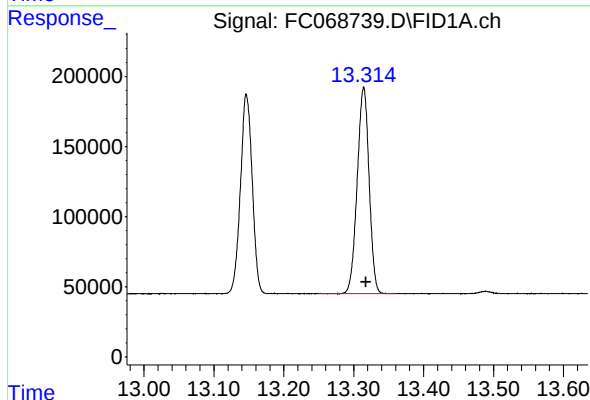
R.T.: 11.714 min
Delta R.T.: -0.005 min
Response: 2336644
Conc: 18.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



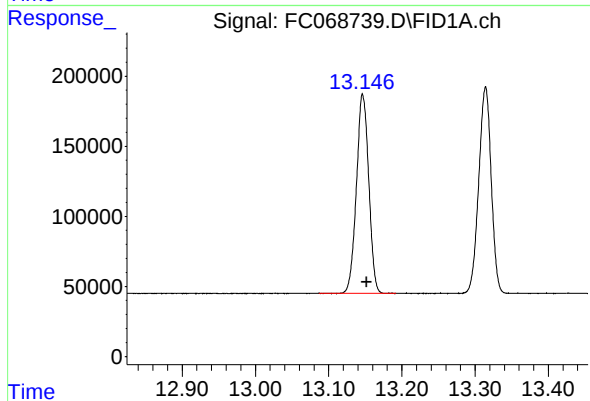
#10 n-Eicosane (C20)

R.T.: 12.701 min
Delta R.T.: -0.005 min
Response: 1756256
Conc: 17.86 ug/ml



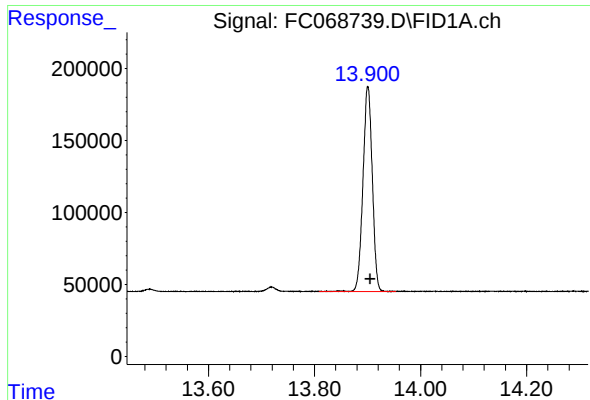
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: -0.004 min
Response: 1740380
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

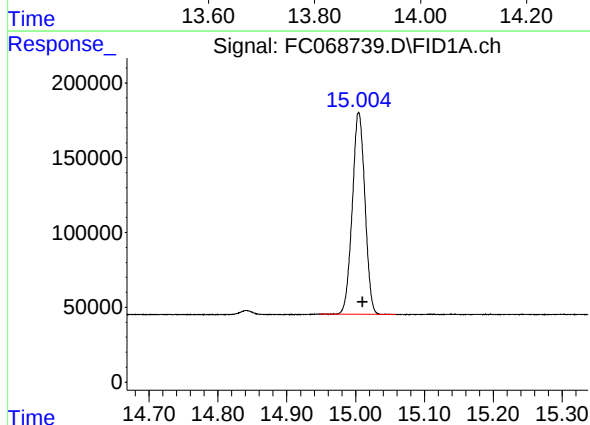
R.T.: 13.147 min
Delta R.T.: -0.005 min
Response: 1661837
Conc: 17.89 ug/ml



#13 n-Docosane (C22)

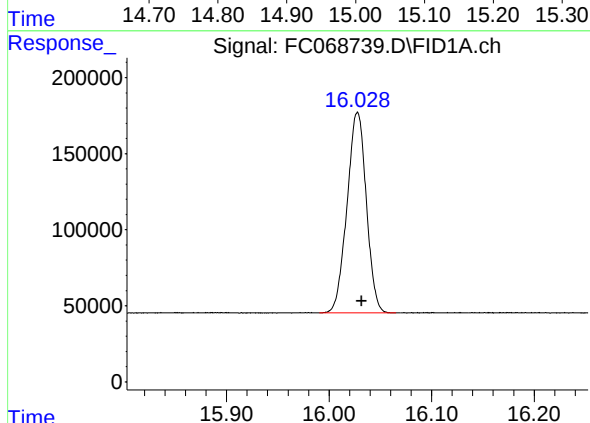
R.T.: 13.901 min
Delta R.T.: -0.004 min
Response: 1734445
Conc: 17.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



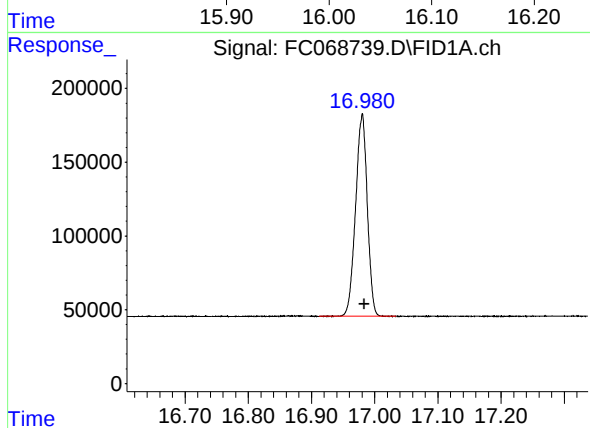
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.005 min
Response: 1726210
Conc: 18.14 ug/ml



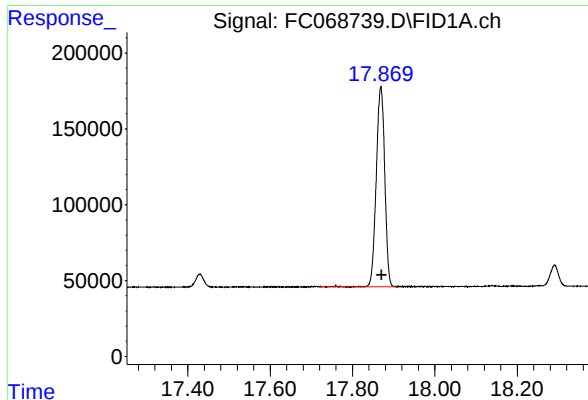
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: -0.004 min
Response: 1726782
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

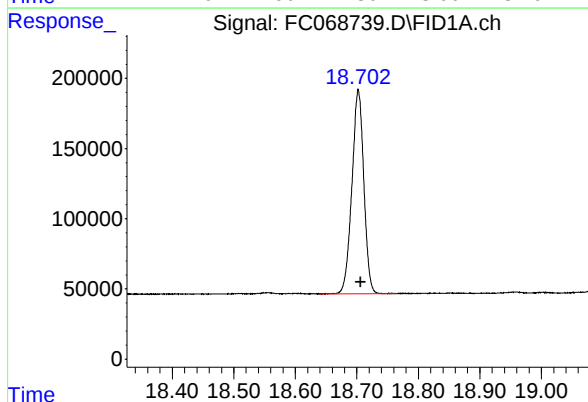
R.T.: 16.980 min
Delta R.T.: -0.004 min
Response: 1765068
Conc: 19.28 ug/ml



#17 n-Tricontane (C30)

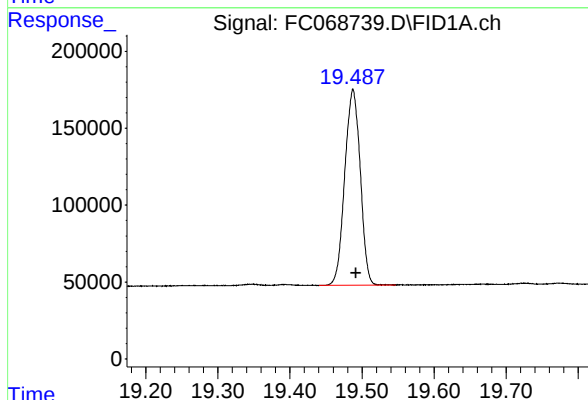
R.T.: 17.869 min
Delta R.T.: -0.003 min
Response: 1883155
Conc: 20.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



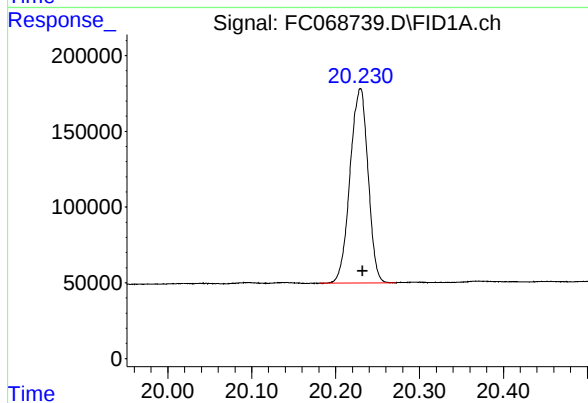
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: -0.004 min
Response: 1953120
Conc: 21.29 ug/ml



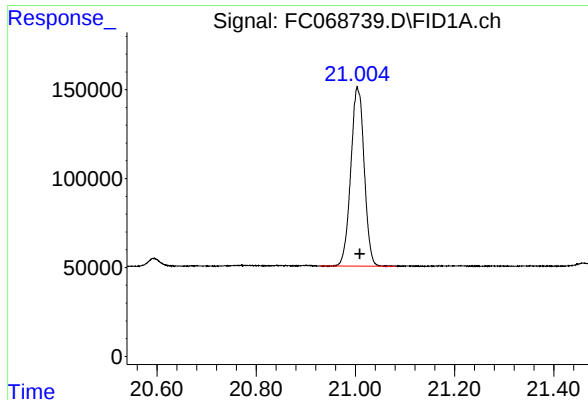
#19 n-Tetatriacontane (C34)

R.T.: 19.487 min
Delta R.T.: -0.004 min
Response: 1904087
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

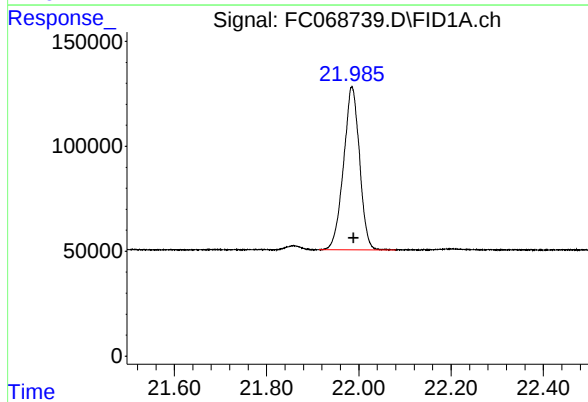
R.T.: 20.229 min
Delta R.T.: -0.003 min
Response: 1911386
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: -0.005 min
Response: 1884044
Conc: 21.31 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.004 min
Response: 1873116
Conc: 21.21 ug/ml