

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067146.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 11:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 04:04:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 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)	11.504	2161482	15.523 ug/ml
Spiked Amount 50.000		Recovery =	31.05%
12) S 1-chlorooctadecane (S...	12.944	1486831	15.221 ug/ml
Spiked Amount 50.000		Recovery =	30.44%
Target Compounds			
1) T n-Nonane (C9)	3.278	2042350	15.397 ug/ml
2) T n-Decane (C10)	4.343	2122503	15.803 ug/ml
3) T A~Naphthalene (C11.7)	5.923	2234698	15.724 ug/ml
4) T n-Dodecane (C12)	6.361	2130588	15.917 ug/ml
5) T A~2-methylnaphthalene...	6.978	2085220	15.615 ug/ml
6) T n-Tetradecane (C14)	8.154	2065242	16.025 ug/ml
7) T n-Hexadecane (C16)	9.753	2090516	16.215 ug/ml
8) T n-Octadecane (C18)	11.193	2090994	16.343 ug/ml
10) T n-Eicosane (C20)	12.501	1953823	16.266 ug/ml
11) T n-Heneicosane (C21)	13.112	1893439	16.212 ug/ml
13) T n-Docosane (C22)	13.698	1873140	16.223 ug/ml
14) T n-Tetracosane (C24)	14.800	1868241	16.451 ug/ml
15) T n-Hexacosane (C26)	15.820	1845717	16.654 ug/ml
16) T n-Octacosane (C28)	16.768	1877452	17.381 ug/ml
17) T n-Tricontane (C30)	17.654	1993558	18.328 ug/ml
18) T n-Dotriacontane (C32)	18.486	1973532	18.921 ug/ml
19) T n-Tetratriacontane (C34)	19.268	1829204	19.827 ug/ml
20) T n-Hexatriacontane (C36)	20.008	1603315	20.232 ug/ml
21) T n-Octatriacontane (C38)	20.732	1380855	18.383 ug/ml
22) T n-Tetracontane (C40)	21.622	1110955	15.902 ug/ml

(f)=RT Delta > 1/2 Window

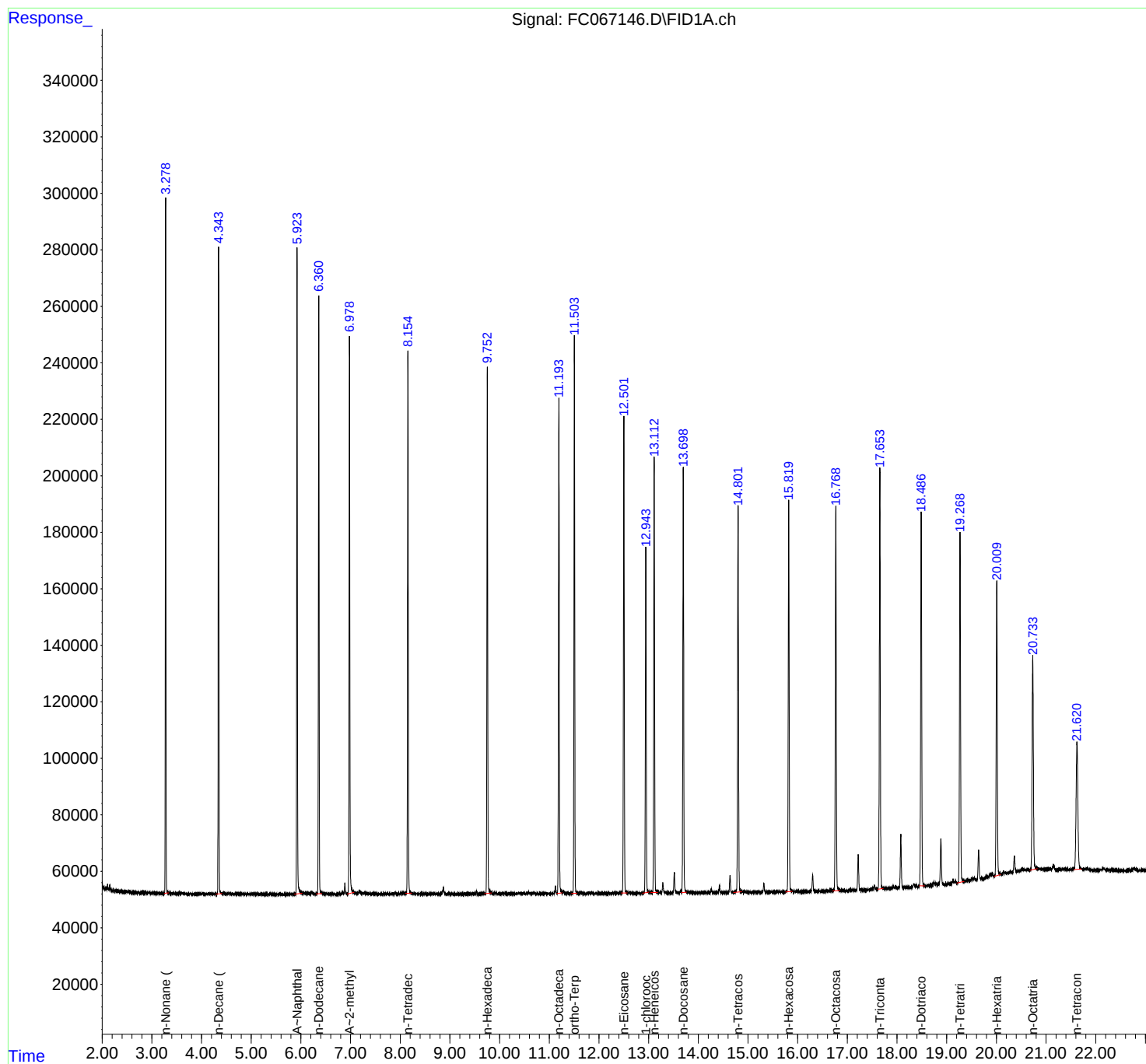
(m)=manual int.

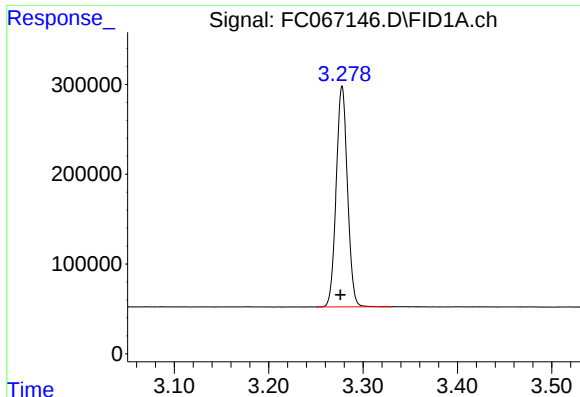
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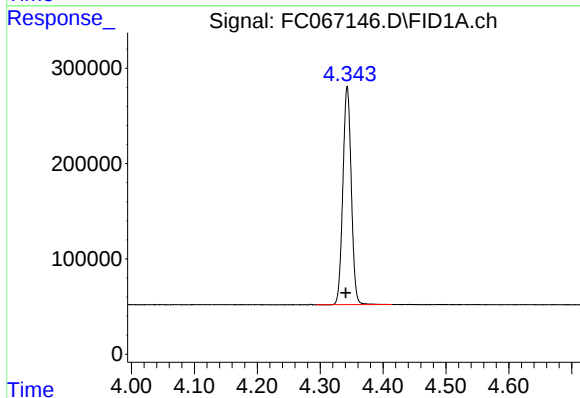




#1 n-Nonane (C9)

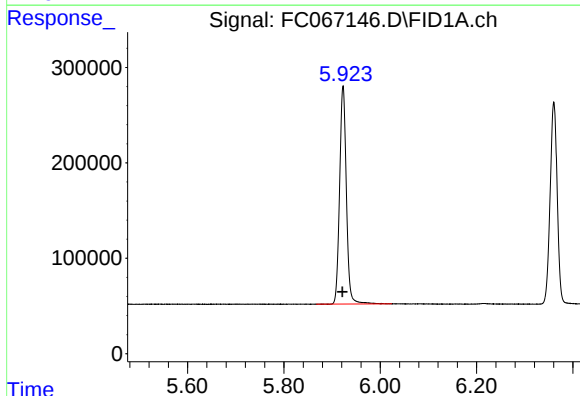
R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 2042350
Conc: 15.40 ug/ml

Instrument :
FID_C
ClientSampleId :



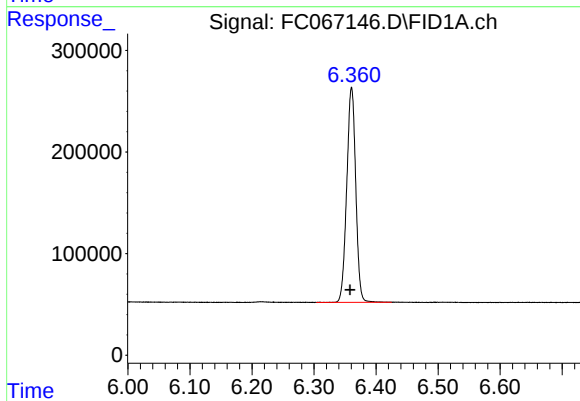
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 2122503
Conc: 15.80 ug/ml



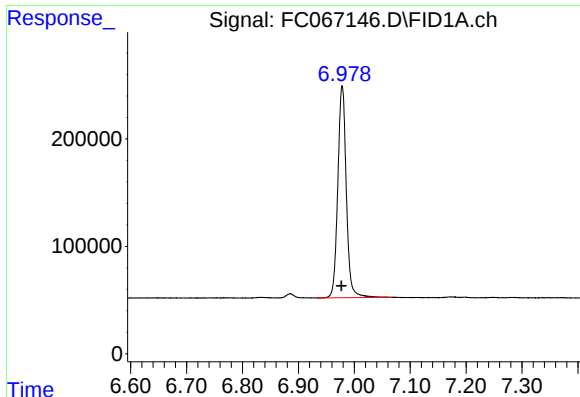
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 2234698
Conc: 15.72 ug/ml



#4 n-Dodecane (C12)

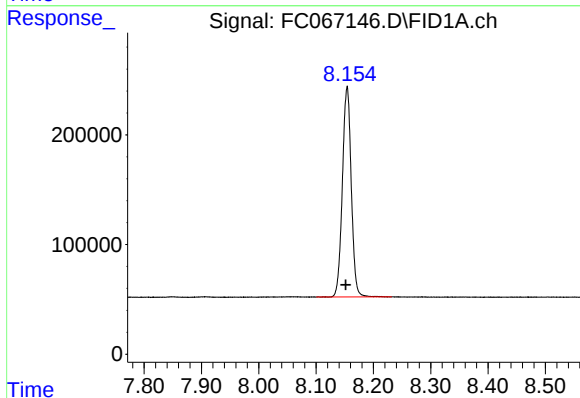
R.T.: 6.361 min
Delta R.T.: 0.002 min
Response: 2130588
Conc: 15.92 ug/ml



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

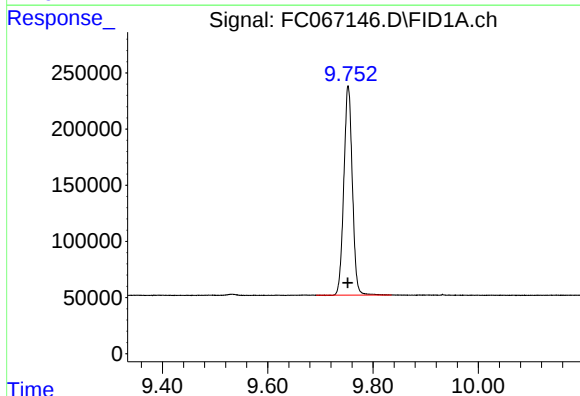
R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 2085220
Conc: 15.62 ug/ml

Instrument :
FID_C
ClientSampleId :



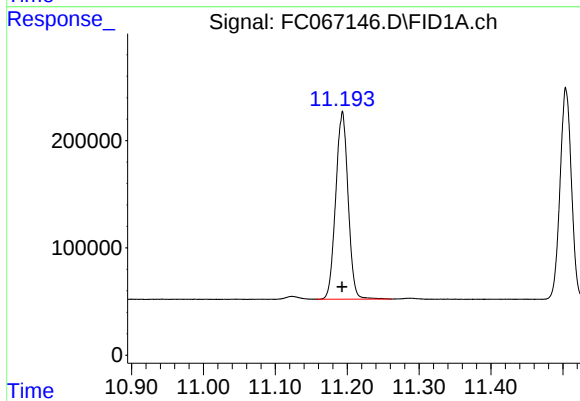
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 2065242
Conc: 16.03 ug/ml



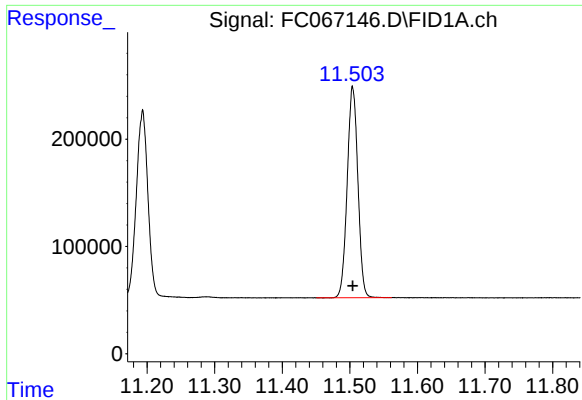
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.001 min
Response: 2090516
Conc: 16.21 ug/ml



#8 n-Octadecane (C18)

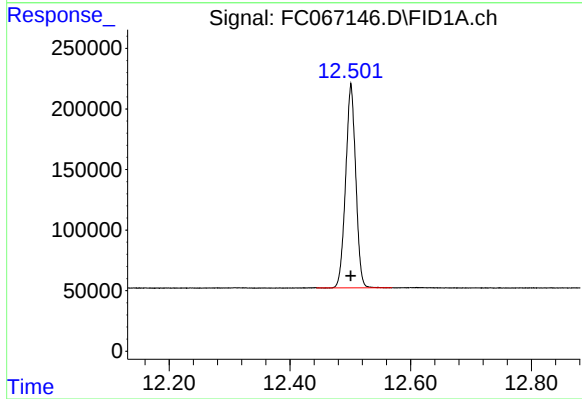
R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 2090994
Conc: 16.34 ug/ml



#9 ortho-Terphenyl (SURR)

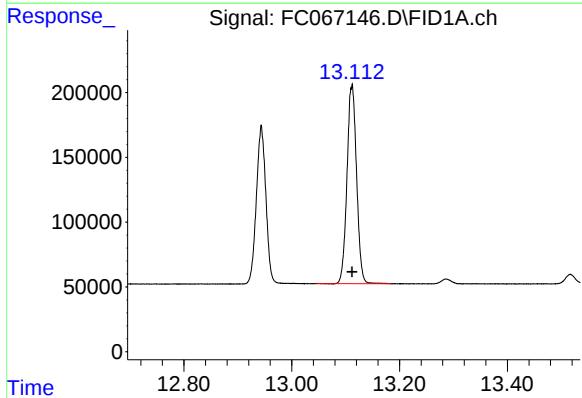
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 2161482
Conc: 15.52 ug/ml

Instrument :
FID_C
ClientSampleId :



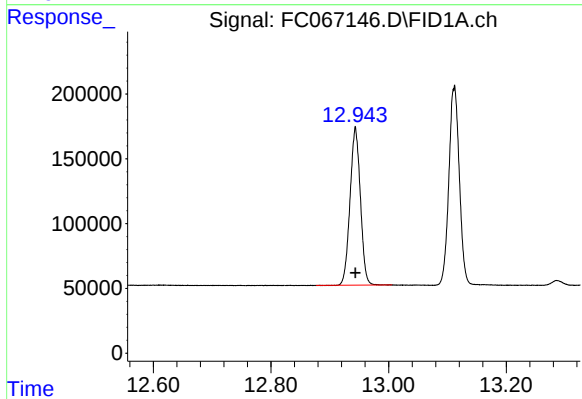
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 1953823
Conc: 16.27 ug/ml



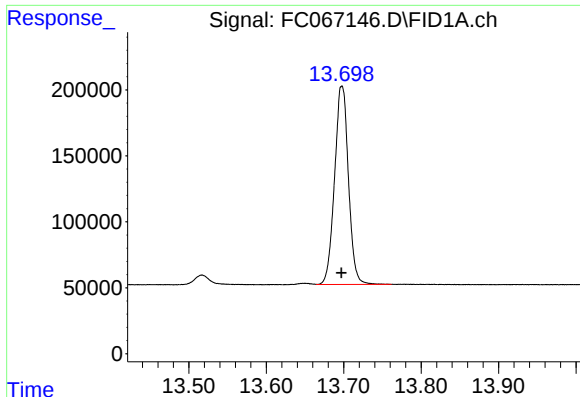
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 1893439
Conc: 16.21 ug/ml



#12 1-chlorooctadecane (SURR)

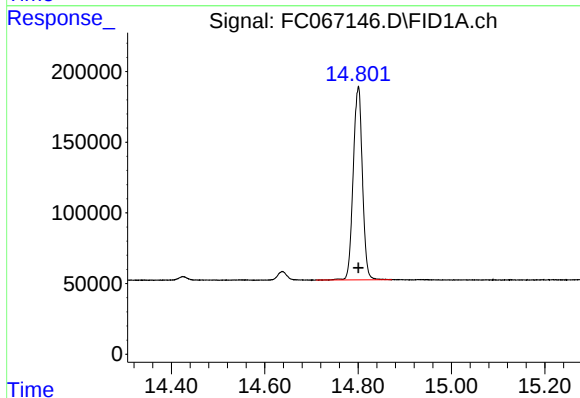
R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 1486831
Conc: 15.22 ug/ml



#13 n-Docosane (C22)

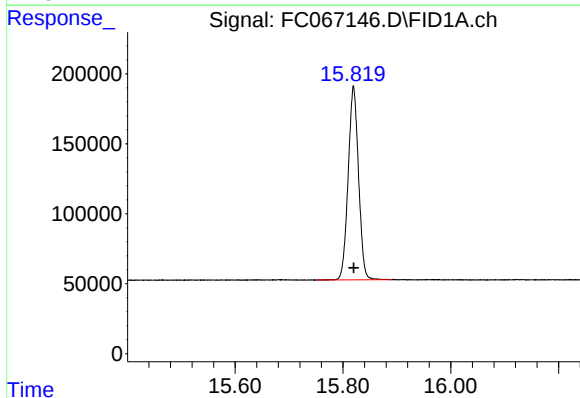
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 1873140
Conc: 16.22 ug/ml

Instrument :
FID_C
ClientSampleId :



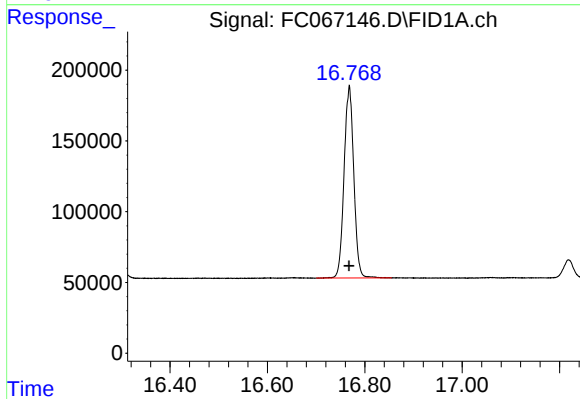
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.000 min
Response: 1868241
Conc: 16.45 ug/ml



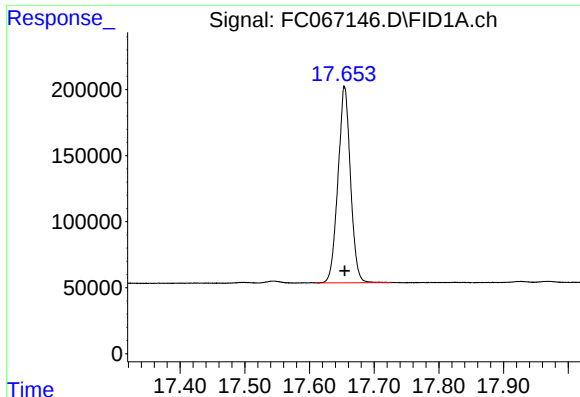
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 1845717
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

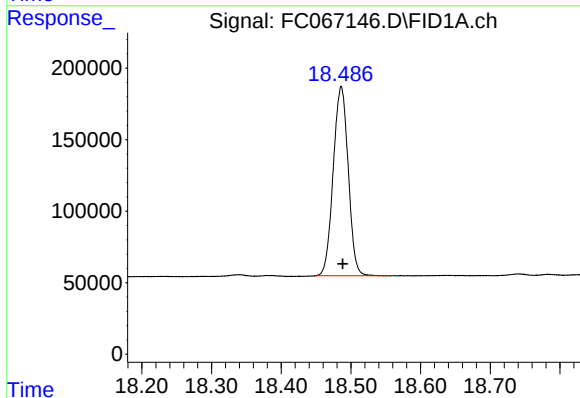
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 1877452
Conc: 17.38 ug/ml



#17 n-Tricontane (C30)

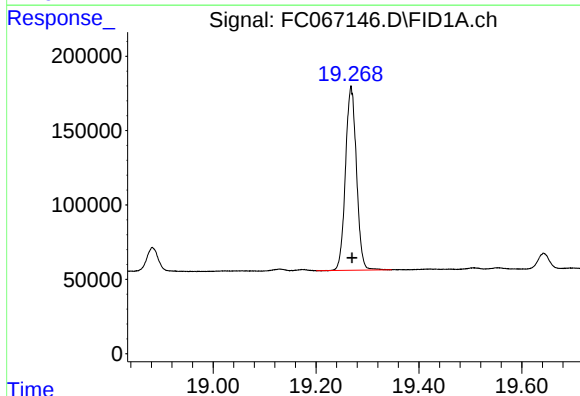
R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 1993558
Conc: 18.33 ug/ml

Instrument :
FID_C
ClientSampleId :



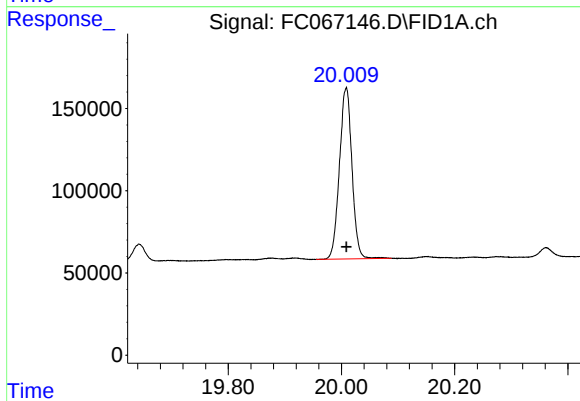
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.002 min
Response: 1973532
Conc: 18.92 ug/ml



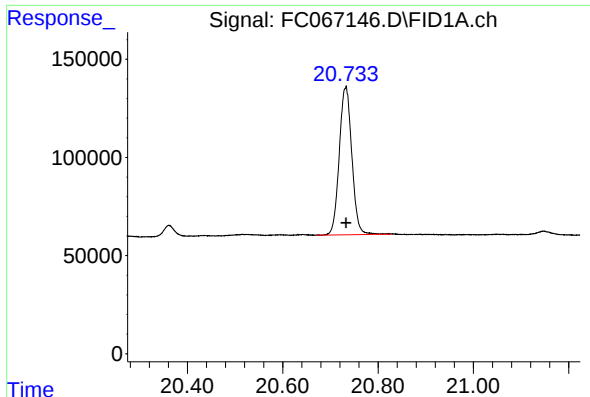
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.002 min
Response: 1829204
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

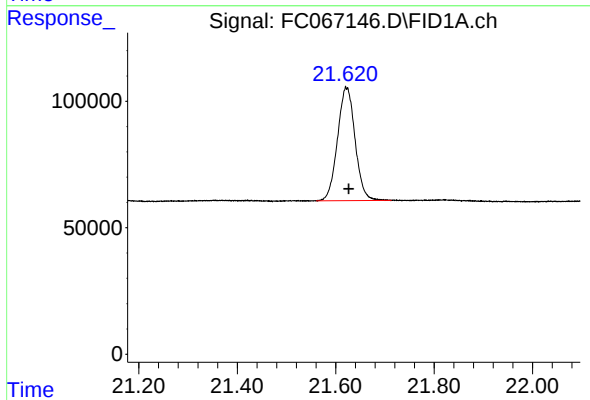
R.T.: 20.008 min
Delta R.T.: 0.000 min
Response: 1603315
Conc: 20.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.001 min
Response: 1380855
Conc: 18.38 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.005 min
Response: 1110955
Conc: 15.90 ug/ml