

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041025AL\
 Data File : FC068543.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2025 03:08
 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 10 05:28:54 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)	11.711	2419166	18.998 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
12) S 1-chlorooctadecane (S...	13.143	1735554	18.683 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T n-Nonane (C9)	3.445	2122012	20.148 ug/ml
2) T n-Decane (C10)	4.520	2115920	20.083 ug/ml
3) T A~Naphthalene (C11.7)	6.117	2310005	19.835 ug/ml
4) T n-Dodecane (C12)	6.544	2087691	19.852 ug/ml
5) T A~2-methylnaphthalene...	7.174	2256574	19.538 ug/ml
6) T n-Tetradecane (C14)	8.342	2009282	19.545 ug/ml
7) T n-Hexadecane (C16)	9.944	1959689	19.243 ug/ml
8) T n-Octadecane (C18)	11.387	1913703	19.017 ug/ml
10) T n-Eicosane (C20)	12.697	1850533	18.814 ug/ml
11) T n-Heneicosane (C21)	13.309	1825163	18.728 ug/ml
13) T n-Docosane (C22)	13.896	1800499	18.640 ug/ml
14) T n-Tetracosane (C24)	15.000	1769504	18.590 ug/ml
15) T n-Hexacosane (C26)	16.021	1725453	18.473 ug/ml
16) T n-Octacosane (C28)	16.973	1703931	18.611 ug/ml
17) T n-Tricontane (C30)	17.863	1723654	18.749 ug/ml
18) T n-Dotriacontane (C32)	18.698	1733520	18.898 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1694056	18.962 ug/ml
20) T n-Hexatriacontane (C36)	20.224	1710447	19.094 ug/ml
21) T n-Octatriacontane (C38)	21.000	1689666	19.111 ug/ml
22) T n-Tetracontane (C40)	21.978	1684570	19.077 ug/ml

(f)=RT Delta > 1/2 Window

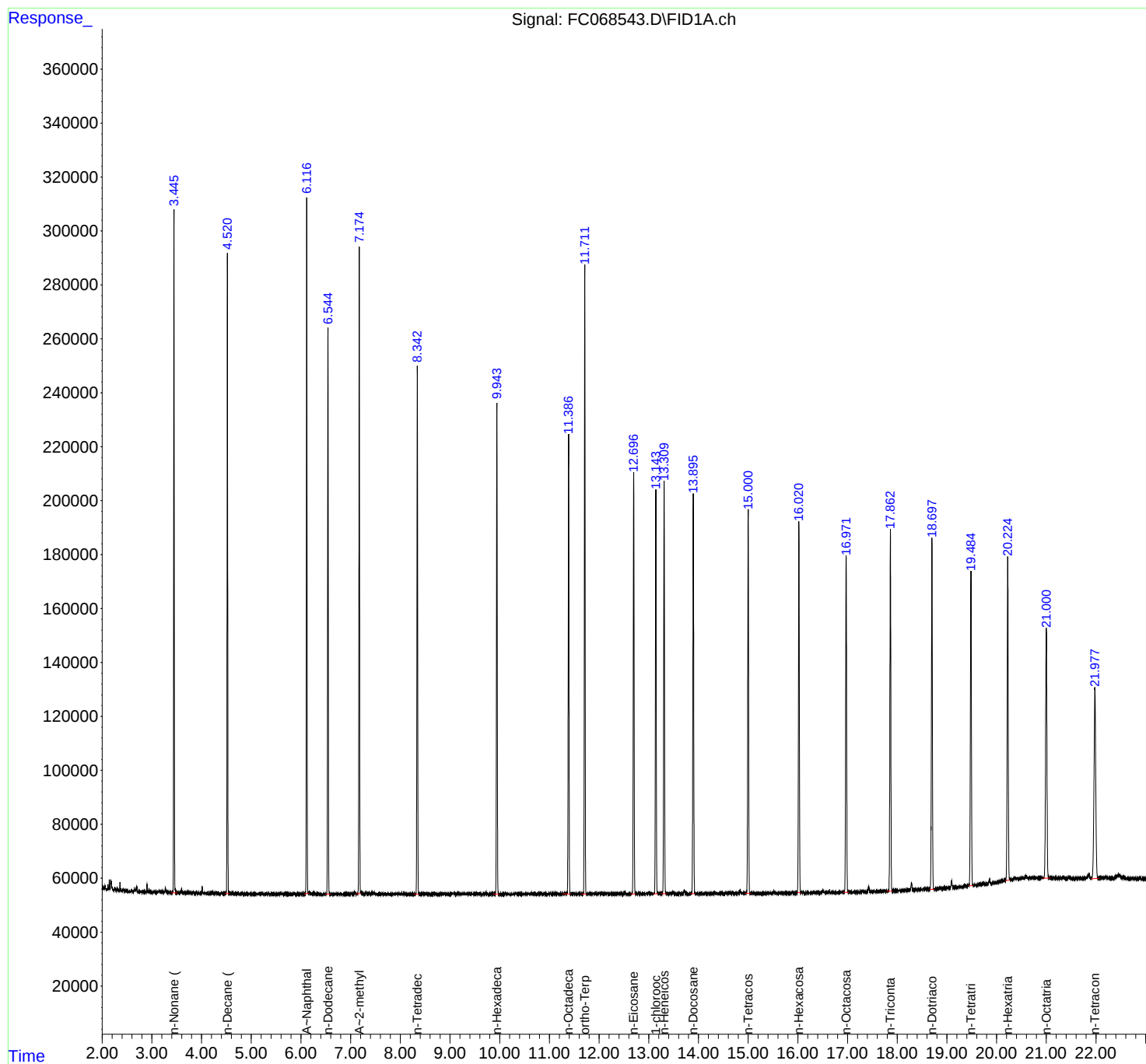
(m)=manual int.

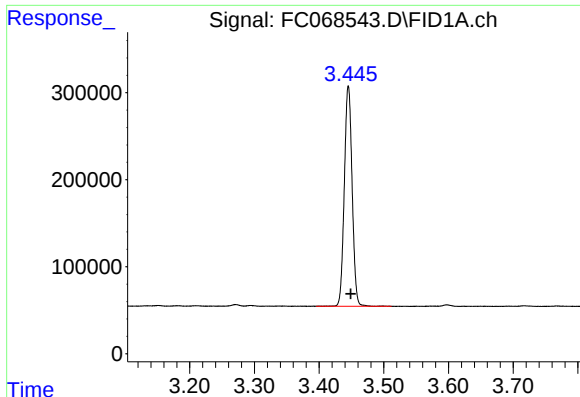
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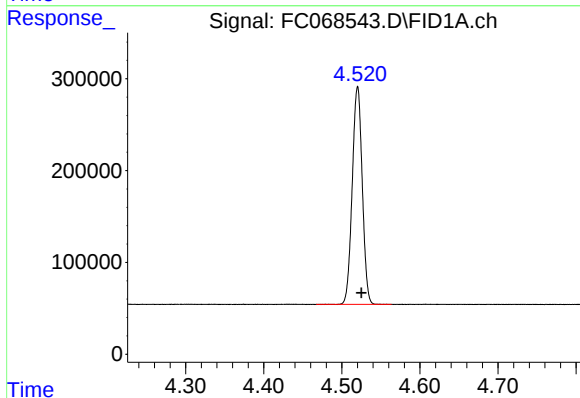




#1 n-Nonane (C9)

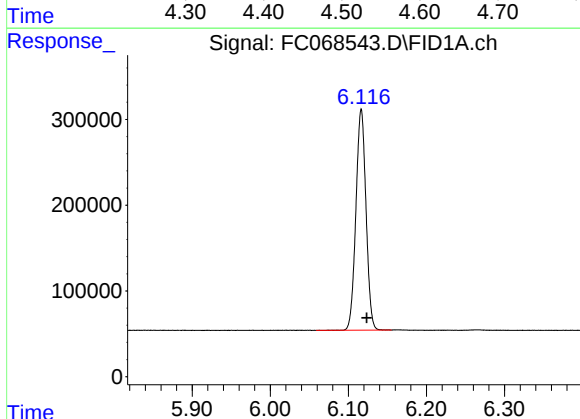
R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 2122012
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :



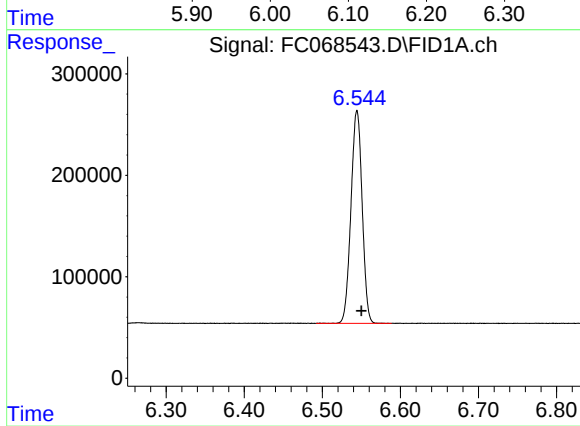
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 2115920
Conc: 20.08 ug/ml



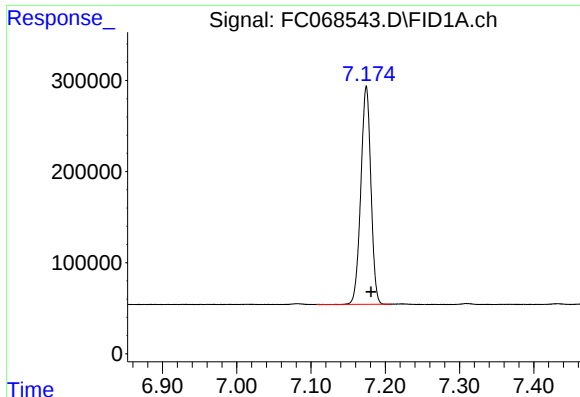
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.007 min
Response: 2310005
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

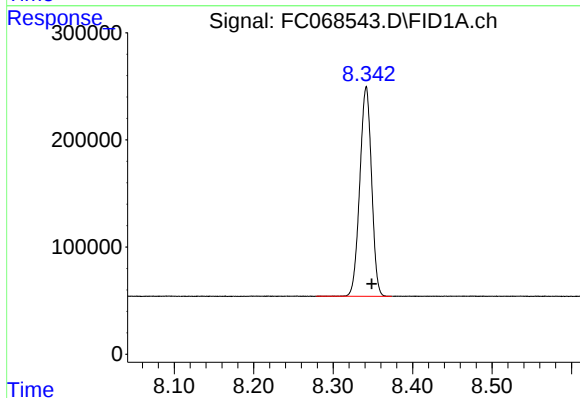
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 2087691
Conc: 19.85 ug/ml



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

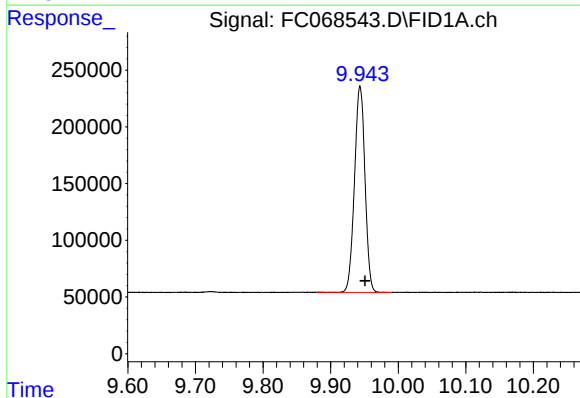
R.T.: 7.174 min
Delta R.T.: -0.007 min
Response: 2256574
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :



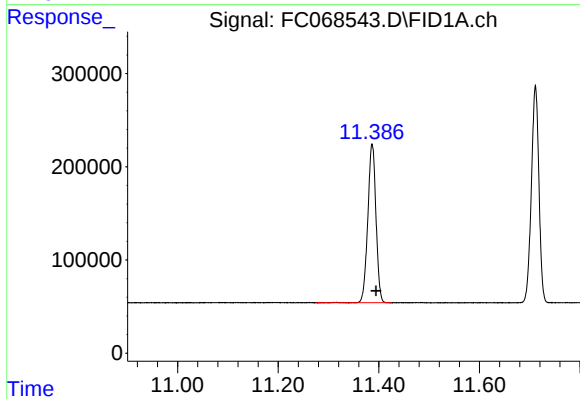
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: -0.007 min
Response: 2009282
Conc: 19.54 ug/ml



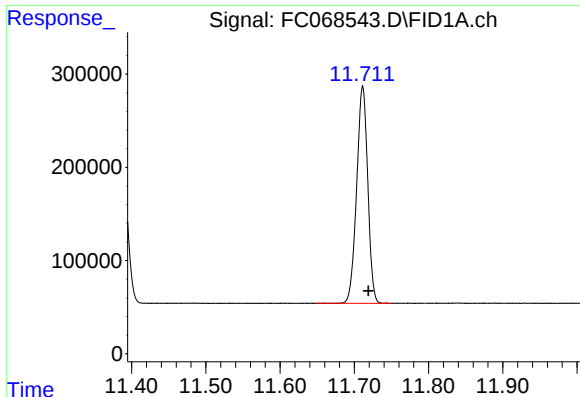
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: -0.007 min
Response: 1959689
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

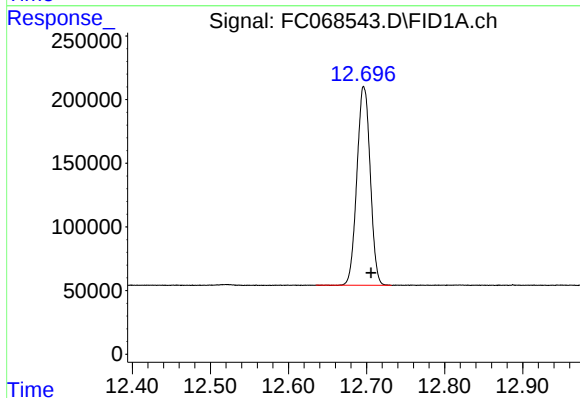
R.T.: 11.387 min
Delta R.T.: -0.008 min
Response: 1913703
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

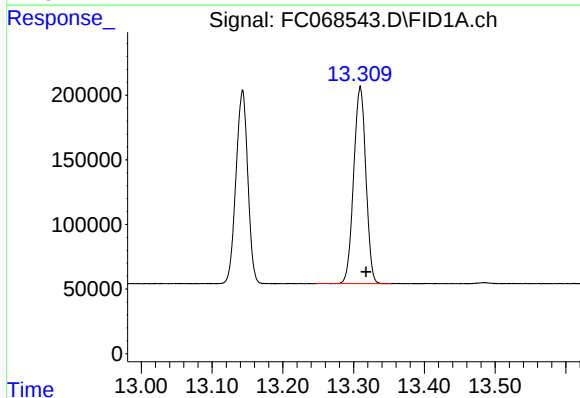
R.T.: 11.711 min
Delta R.T.: -0.007 min
Response: 2419166
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :



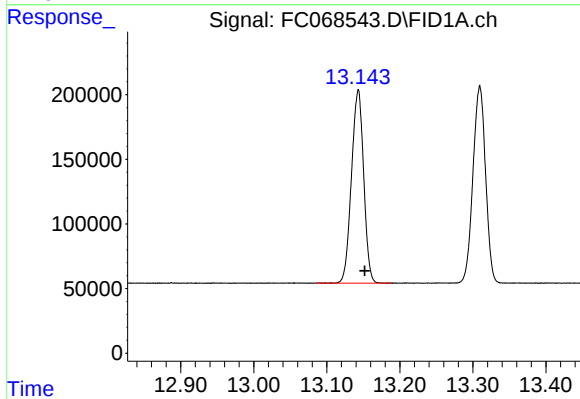
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: -0.009 min
Response: 1850533
Conc: 18.81 ug/ml



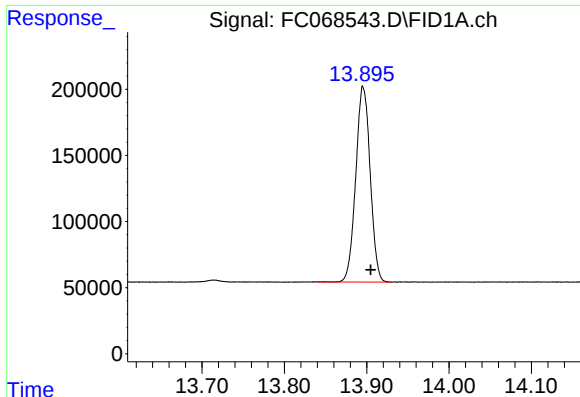
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.008 min
Response: 1825163
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

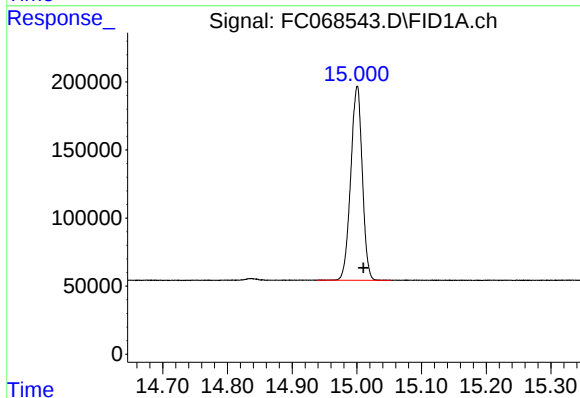
R.T.: 13.143 min
Delta R.T.: -0.009 min
Response: 1735554
Conc: 18.68 ug/ml



#13 n-Docosane (C22)

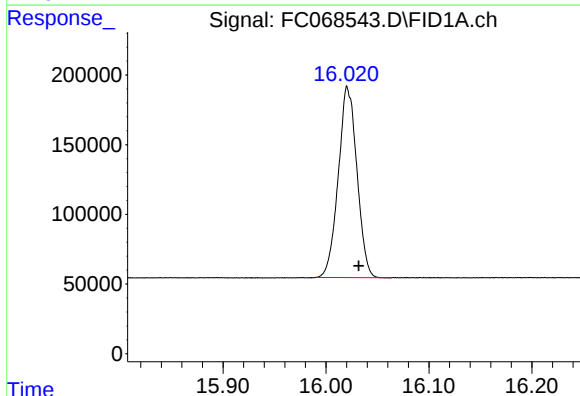
R.T.: 13.896 min
Delta R.T.: -0.009 min
Response: 1800499
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :



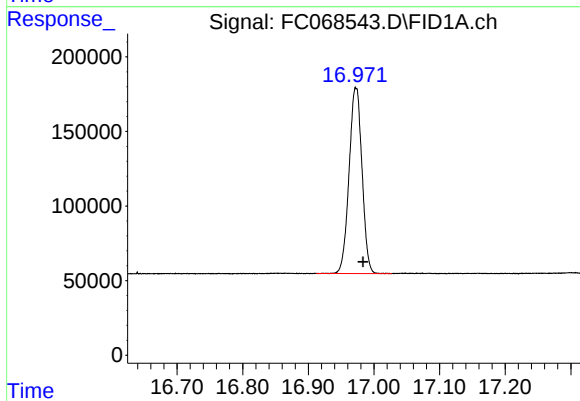
#14 n-Tetracosane (C24)

R.T.: 15.000 min
Delta R.T.: -0.010 min
Response: 1769504
Conc: 18.59 ug/ml



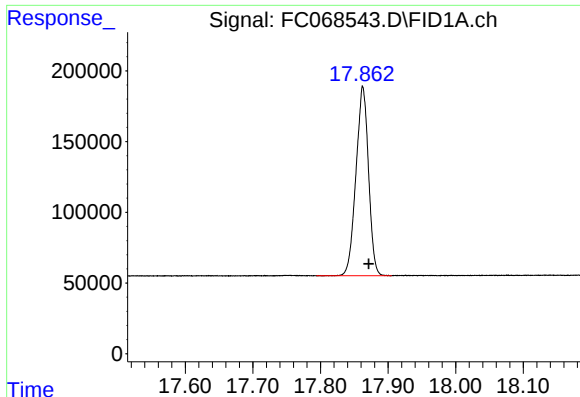
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.011 min
Response: 1725453
Conc: 18.47 ug/ml



#16 n-Octacosane (C28)

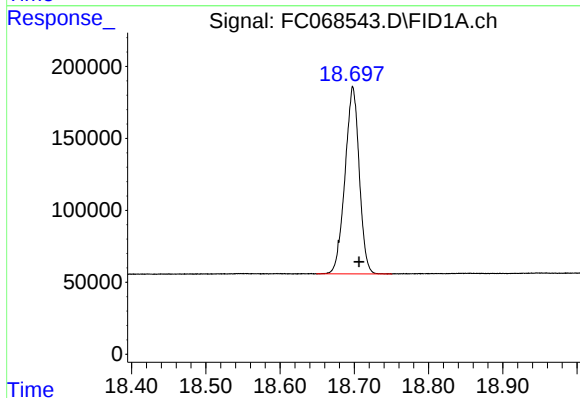
R.T.: 16.973 min
Delta R.T.: -0.011 min
Response: 1703931
Conc: 18.61 ug/ml



#17 n-Tricontane (C30)

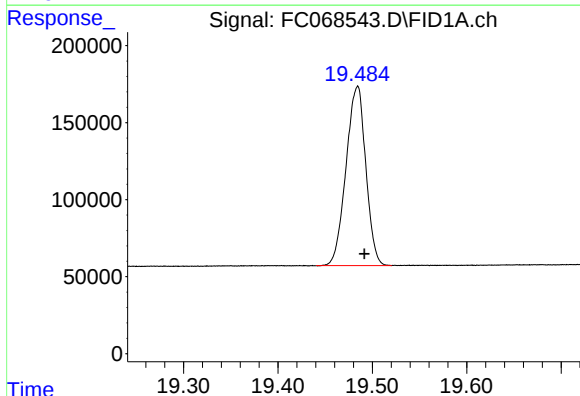
R.T.: 17.863 min
Delta R.T.: -0.009 min
Response: 1723654
Conc: 18.75 ug/ml

Instrument :
FID_C
ClientSampleId :



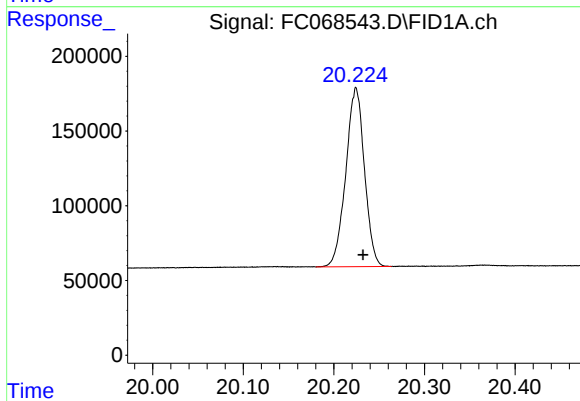
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: -0.008 min
Response: 1733520
Conc: 18.90 ug/ml



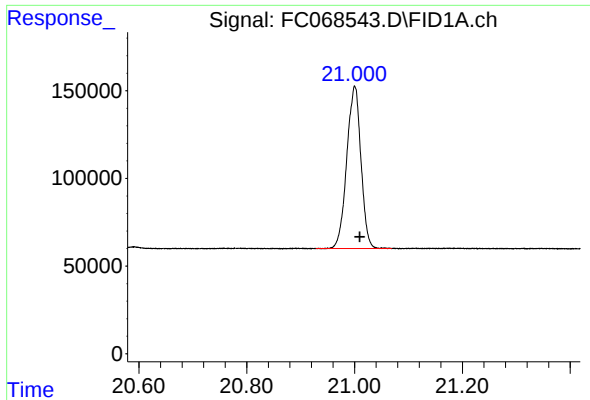
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.008 min
Response: 1694056
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

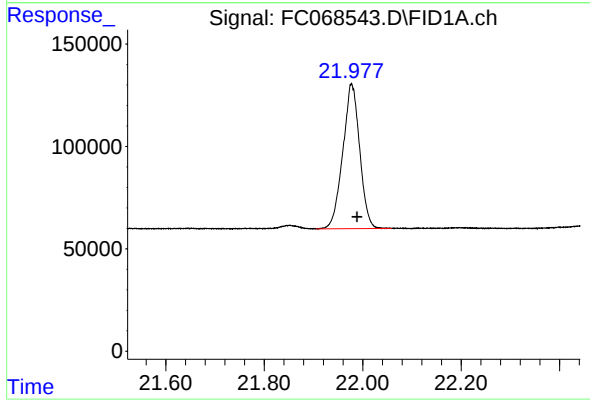
R.T.: 20.224 min
Delta R.T.: -0.008 min
Response: 1710447
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: -0.009 min
Response: 1689666
Conc: 19.11 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: -0.011 min
Response: 1684570
Conc: 19.08 ug/ml