

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040225AL\
 Data File : FC068492.D
 Signal(s) : FID1A.ch
 Acq On : 02 Apr 2025 20:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 15:51:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 07 15:50:12 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)	11.716	2591401	20.096 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	13.147	1866216	20.287 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.448	2242104	20.121 ug/ml
2) T n-Decane (C10)	4.525f	2274575	19.534 ug/ml
3) T A~Naphthalene (C11.7)	6.122	2513231	20.095 ug/ml
4) T n-Dodecane (C12)	6.550	2271902	20.089 ug/ml
5) T A~2-methylnaphthalene...	7.179	2400525	20.060 ug/ml
6) T n-Tetradecane (C14)	8.347	2242147	20.090 ug/ml
7) T n-Hexadecane (C16)	9.949	2292596	20.053 ug/ml
8) T n-Octadecane (C18)	11.392	2297837	20.041 ug/ml
10) T n-Eicosane (C20)	12.702	2190226	20.022 ug/ml
11) T n-Heneicosane (C21)	13.314	2149147	20.150 ug/ml
13) T n-Docosane (C22)	13.900	2138064	19.803 ug/ml
14) T n-Tetracosane (C24)	15.003	2142674	19.221 ug/ml
15) T n-Hexacosane (C26)	16.025	2106089	18.936 ug/ml
16) T n-Octacosane (C28)	16.975	2058682	18.593 ug/ml
17) T n-Tricontane (C30)	17.863	2080957	18.825 ug/ml
18) T n-Dotriacontane (C32)	18.696	1978446	19.006 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1792702	19.964 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1551401	20.724 ug/ml
21) T n-Octatriacontane (C38)	20.994	1342897	21.480 ug/ml
22) T n-Tetracontane (C40)	21.969	1072756	22.961 ug/ml

(f)=RT Delta > 1/2 Window

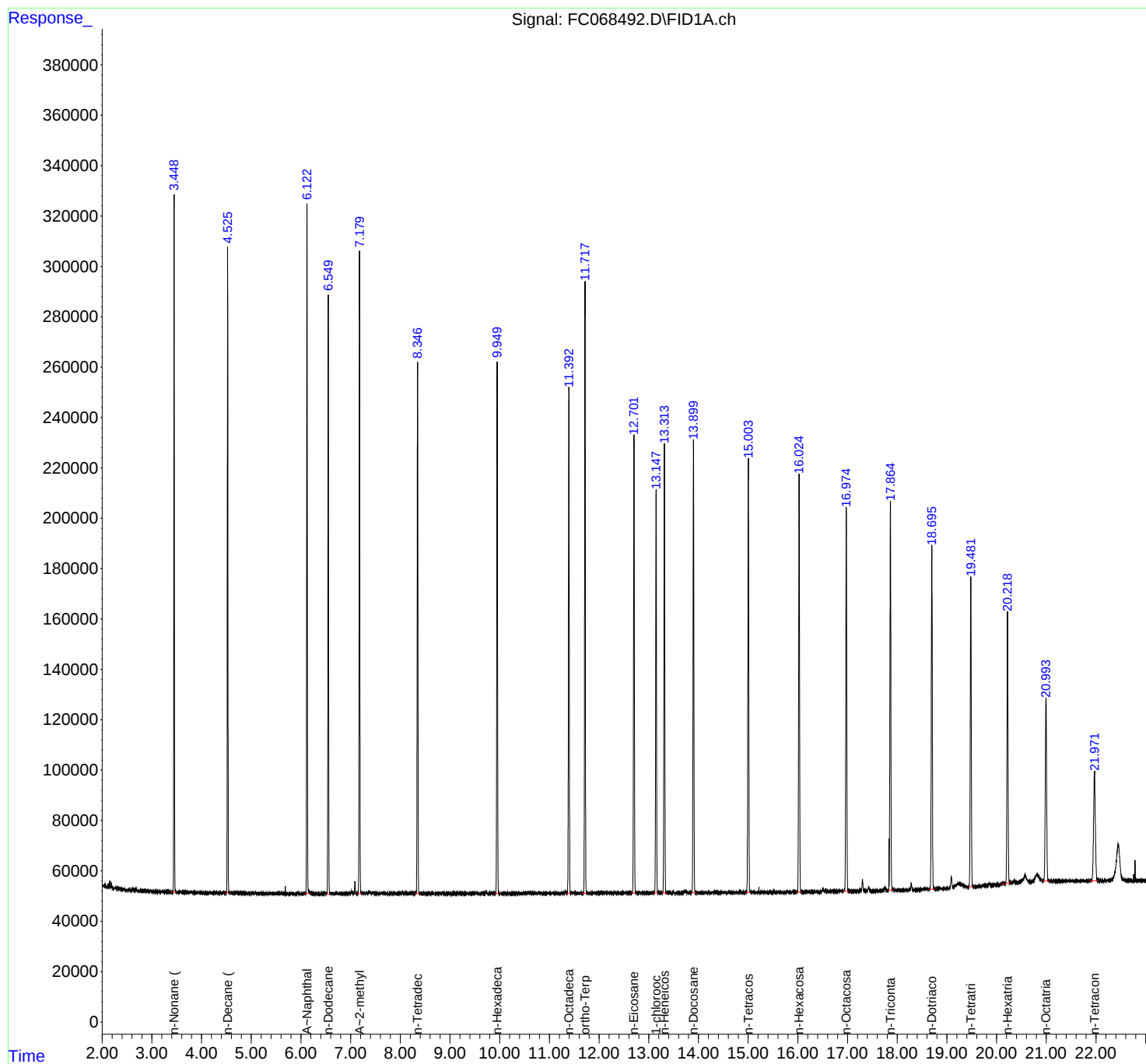
(m)=manual int.

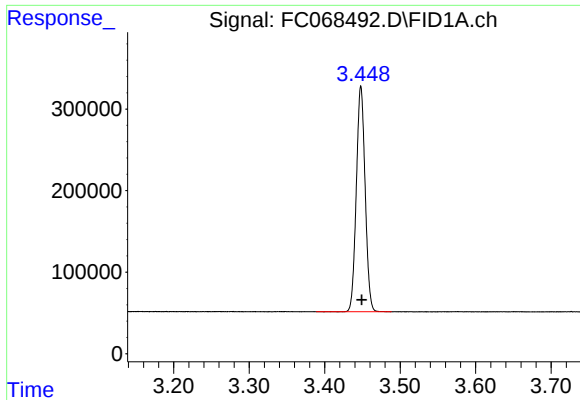
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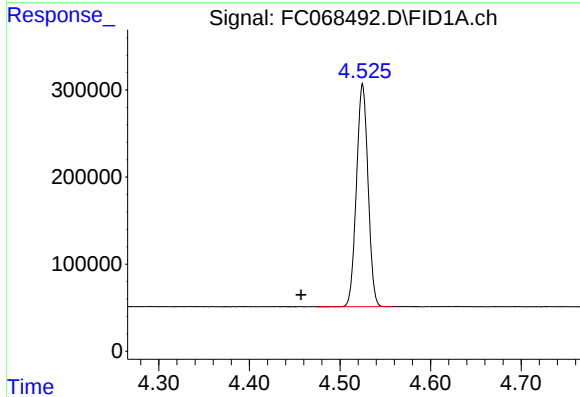




#1 n-Nonane (C9)

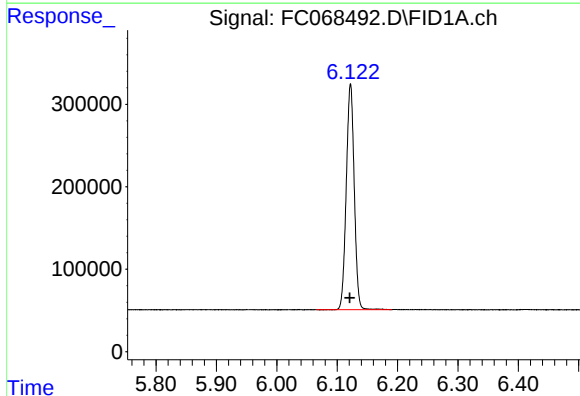
R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 2242104
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :



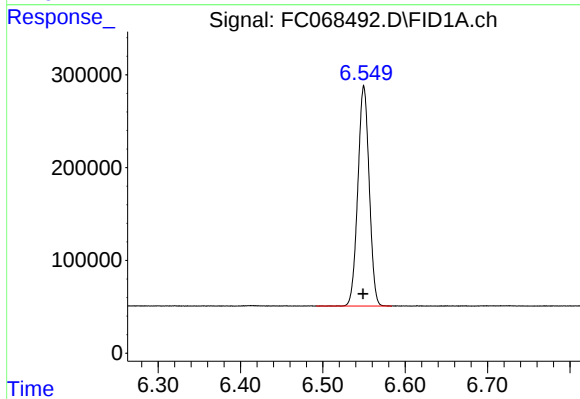
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.068 min
Response: 2274575
Conc: 19.53 ug/ml



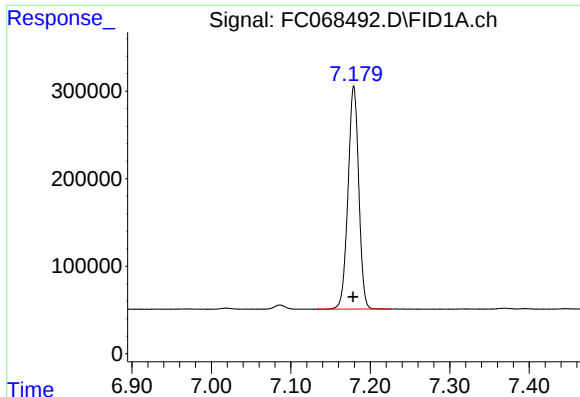
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 2513231
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

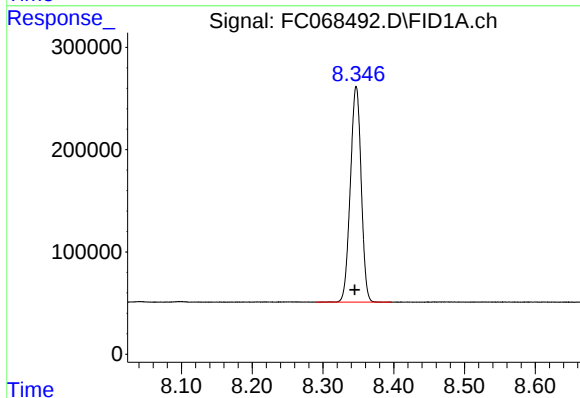
R.T.: 6.550 min
Delta R.T.: 0.001 min
Response: 2271902
Conc: 20.09 ug/ml



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

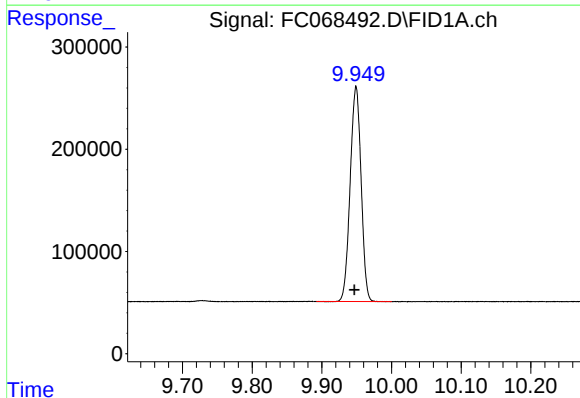
R.T.: 7.179 min
Delta R.T.: 0.001 min
Response: 2400525
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :



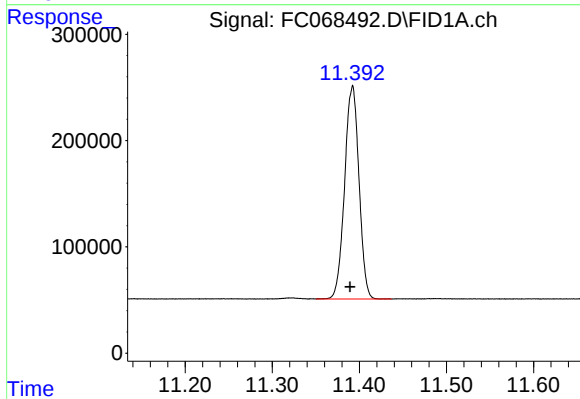
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: 0.002 min
Response: 2242147
Conc: 20.09 ug/ml



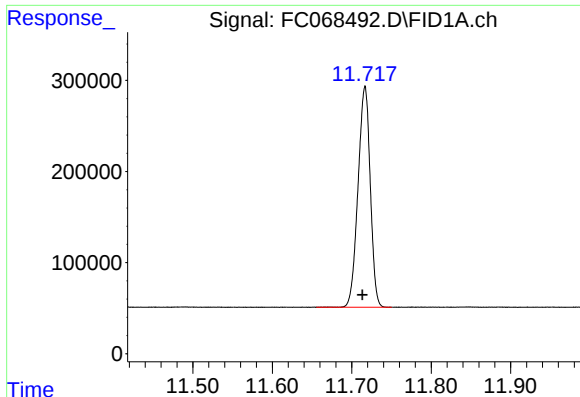
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.002 min
Response: 2292596
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

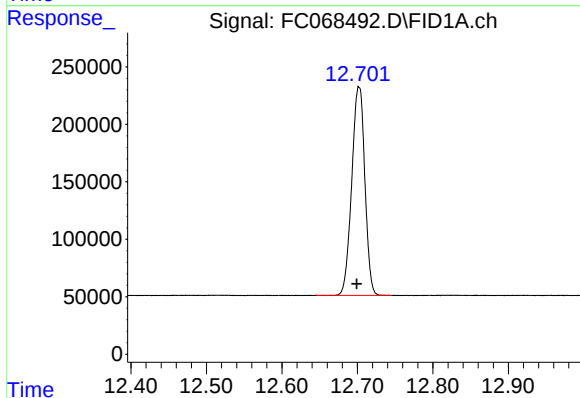
R.T.: 11.392 min
Delta R.T.: 0.003 min
Response: 2297837
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

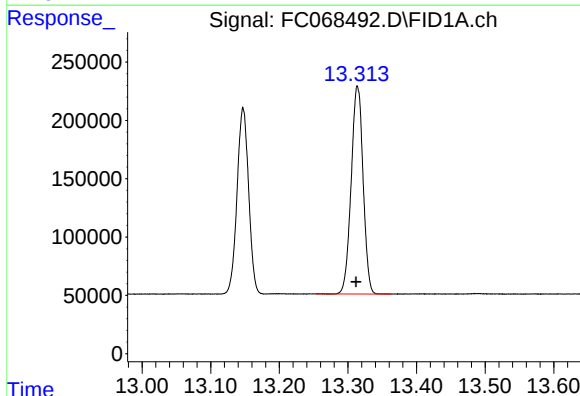
R.T.: 11.716 min
Delta R.T.: 0.003 min
Response: 2591401
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :



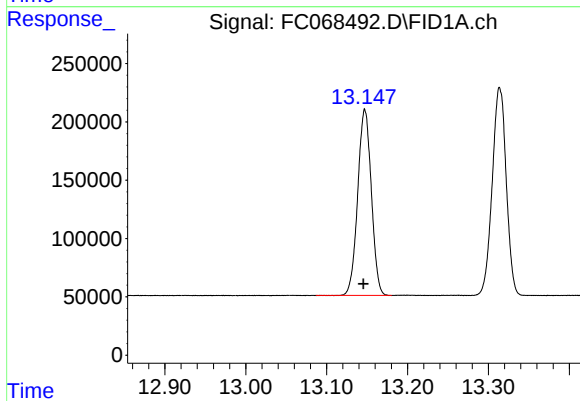
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.003 min
Response: 2190226
Conc: 20.02 ug/ml



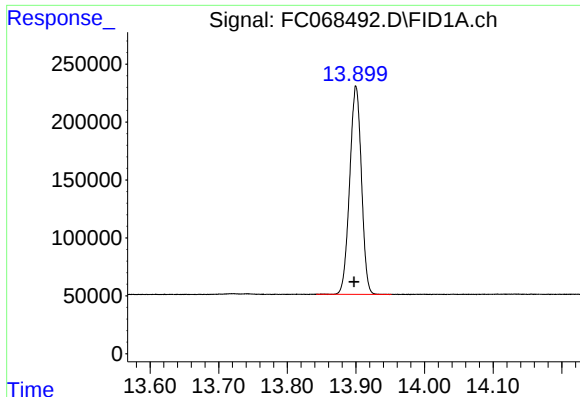
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: 0.002 min
Response: 2149147
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

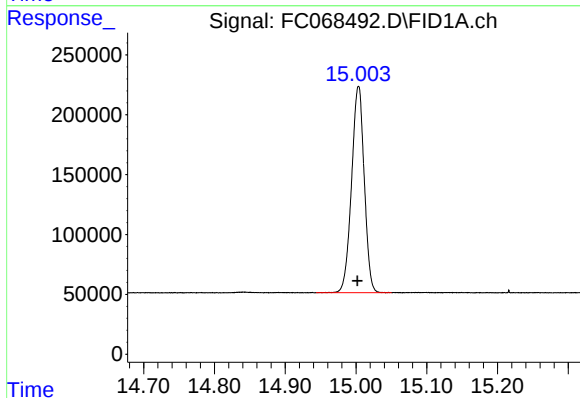
R.T.: 13.147 min
Delta R.T.: 0.002 min
Response: 1866216
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

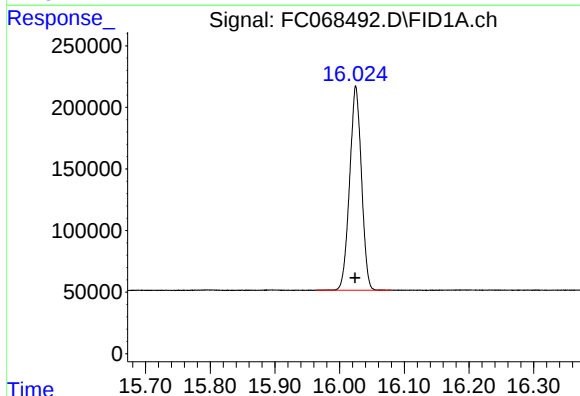
R.T.: 13.900 min
Delta R.T.: 0.003 min
Response: 2138064
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :



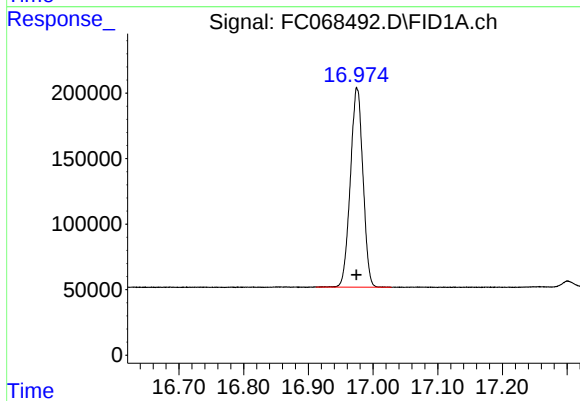
#14 n-Tetracosane (C24)

R.T.: 15.003 min
Delta R.T.: 0.001 min
Response: 2142674
Conc: 19.22 ug/ml



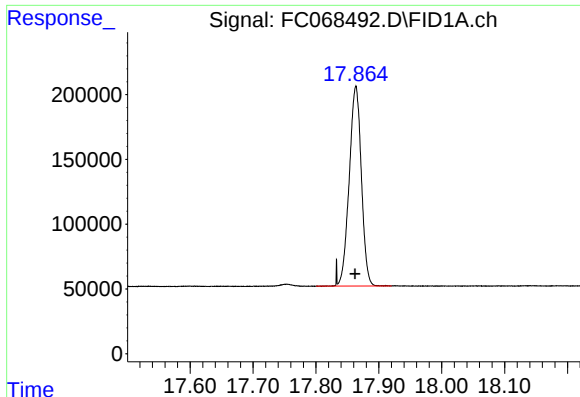
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.001 min
Response: 2106089
Conc: 18.94 ug/ml



#16 n-Octacosane (C28)

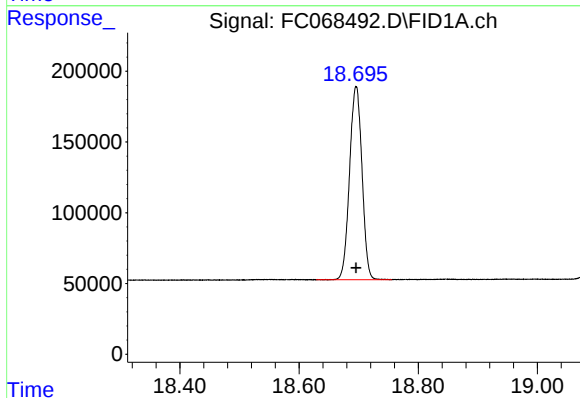
R.T.: 16.975 min
Delta R.T.: 0.001 min
Response: 2058682
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

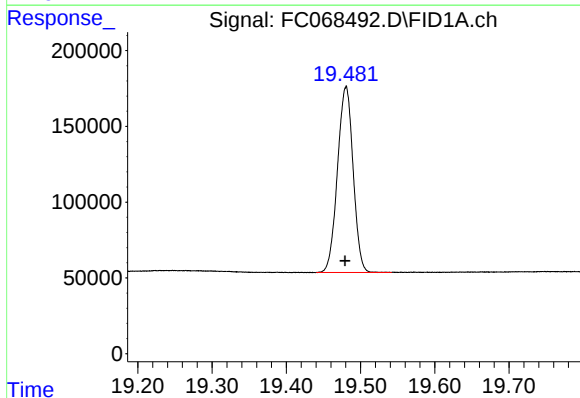
R.T.: 17.863 min
Delta R.T.: 0.001 min
Response: 2080957
Conc: 18.82 ug/ml

Instrument :
FID_C
ClientSampleId :



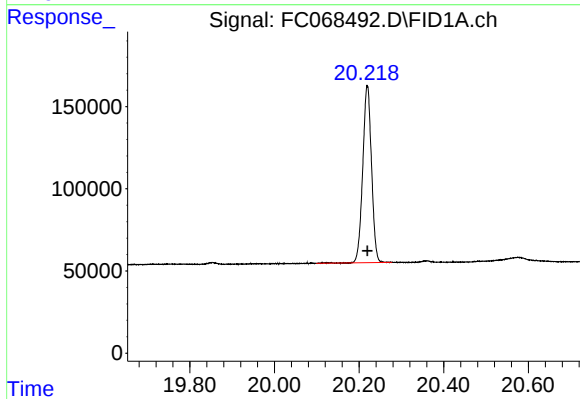
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.000 min
Response: 1978446
Conc: 19.01 ug/ml



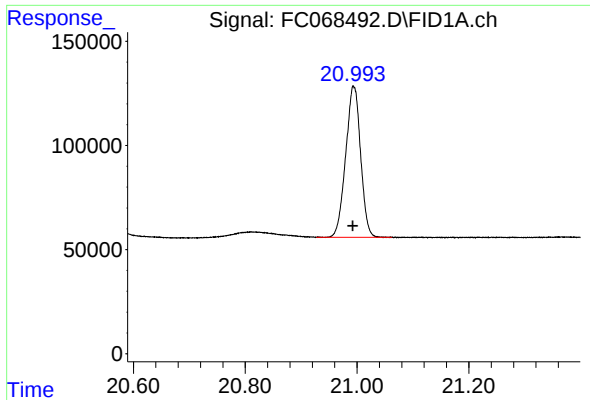
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: 0.001 min
Response: 1792702
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

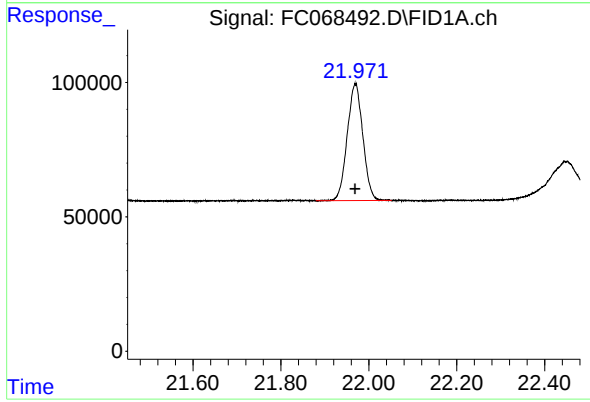
R.T.: 20.219 min
Delta R.T.: 0.000 min
Response: 1551401
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: 0.002 min
Response: 1342897
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: 0.000 min
Response: 1072756
Conc: 22.96 ug/ml