

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122922AL\
 Data File : FC062509.D
 Signal(s) : FID1A.ch
 Acq On : 29 Dec 2022 11:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 29 14:17:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.568	2438266	17.285 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
12) S 1-chlorooctadecane (S...	13.005	1860780	17.458 ug/ml
Spiked Amount 50.000		Recovery =	34.92%
Target Compounds			
1) T n-Nonane (C9)	3.315	2125830	16.529 ug/ml
2) T n-Decane (C10)	4.386	2144468	17.239 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2429869	17.124 ug/ml
4) T n-Dodecane (C12)	6.410	2125768	16.971 ug/ml
5) T A~2-methylnaphthalene...	7.033	2271949	17.670 ug/ml
6) T n-Tetradecane (C14)	8.209	2162425	17.756 ug/ml
7) T n-Hexadecane (C16)	9.812	2207482	17.587 ug/ml
8) T n-Octadecane (C18)	11.253	2255652	17.656 ug/ml
10) T n-Eicosane (C20)	12.562	2207097	17.743 ug/ml
11) T n-Heneicosane (C21)	13.174	2164312	17.514 ug/ml
13) T n-Docosane (C22)	13.759	2245366	18.484 ug/ml
14) T n-Tetracosane (C24)	14.861	2359623	19.685 ug/ml
15) T n-Hexacosane (C26)	15.880	2417781	20.813 ug/ml
16) T n-Octacosane (C28)	16.830	2516079	22.138 ug/ml
17) T n-Tricontane (C30)	17.716	2593499	23.198 ug/ml
18) T n-Dotriacontane (C32)	18.547	2565089	23.084 ug/ml
19) T n-Tetratriacontane (C34)	19.328	2321897	21.463 ug/ml
20) T n-Hexatriacontane (C36)	20.066	2070511	20.394 ug/ml
21) T n-Octatriacontane (C38)	20.800	1991102	19.462 ug/ml
22) T n-Tetracontane (C40)	21.712	1949183	19.233 ug/ml

(f)=RT Delta > 1/2 Window

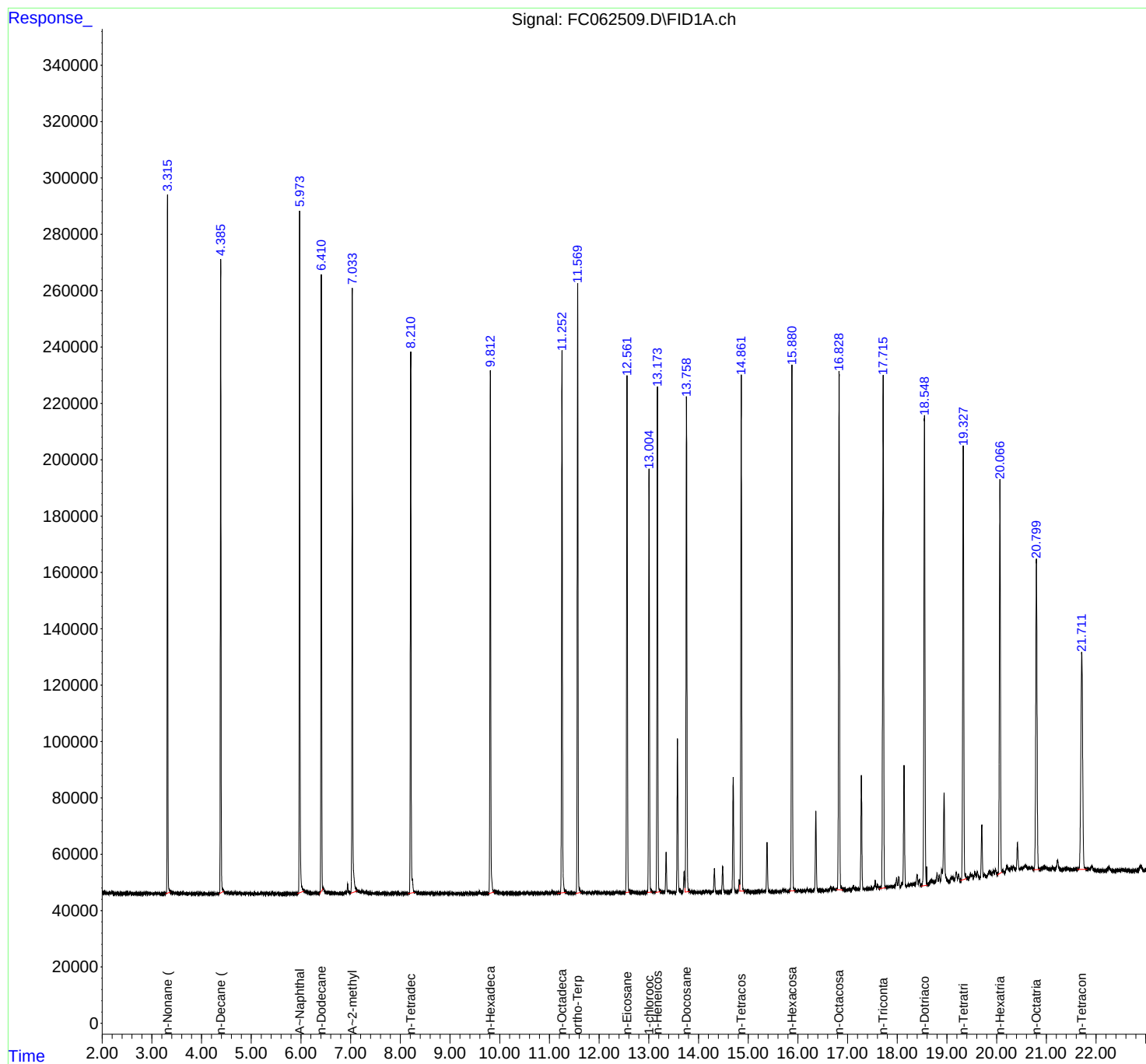
(m)=manual int.

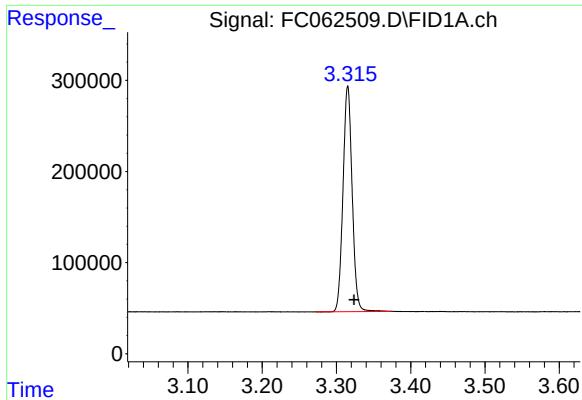
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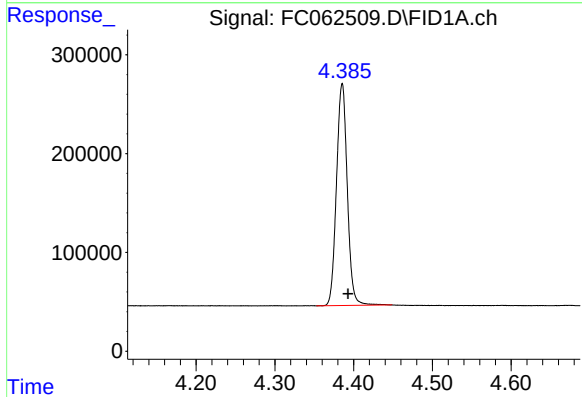




#1 n-Nonane (C9)

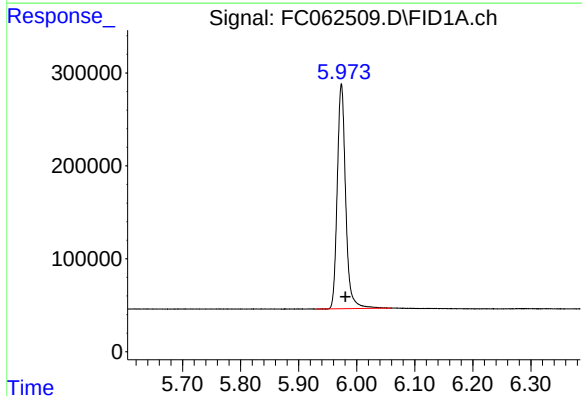
R.T.: 3.315 min
Delta R.T.: -0.009 min
Response: 2125830
Conc: 16.53 ug/ml

Instrument :
FID_C
ClientSampleId :



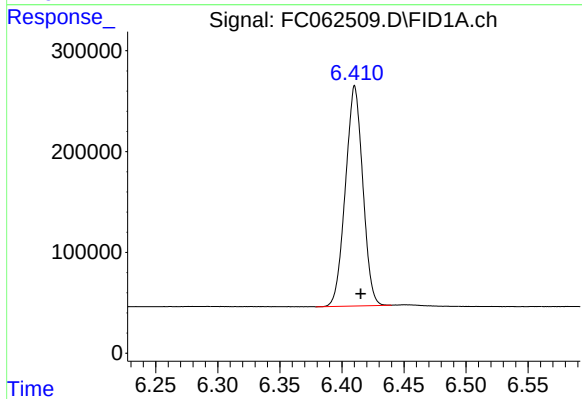
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.007 min
Response: 2144468
Conc: 17.24 ug/ml



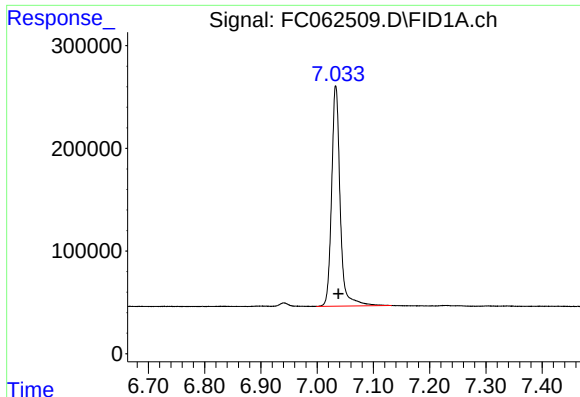
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 2429869
Conc: 17.12 ug/ml



#4 n-Dodecane (C12)

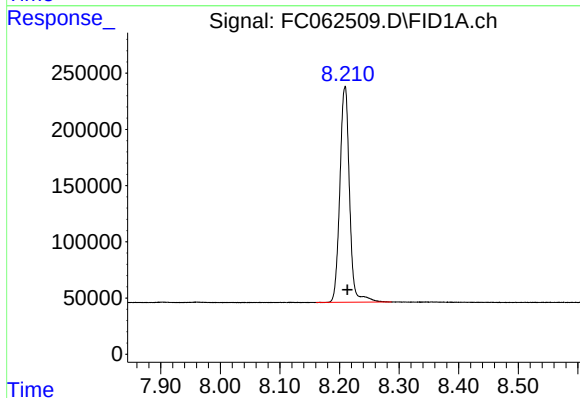
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2125768
Conc: 16.97 ug/ml



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

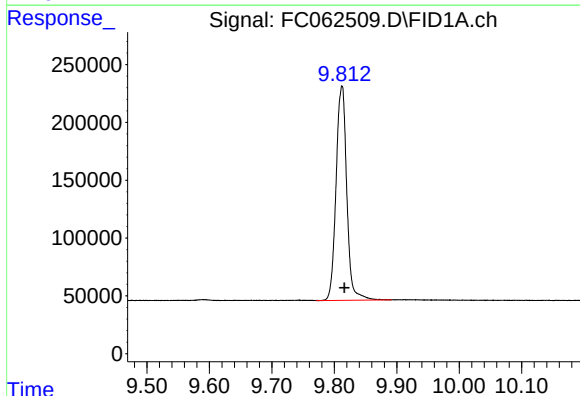
R.T.: 7.033 min
Delta R.T.: -0.005 min
Response: 2271949
Conc: 17.67 ug/ml

Instrument :
FID_C
ClientSampleId :



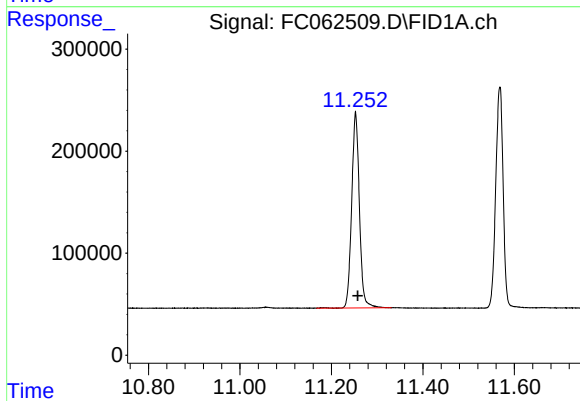
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.004 min
Response: 2162425
Conc: 17.76 ug/ml



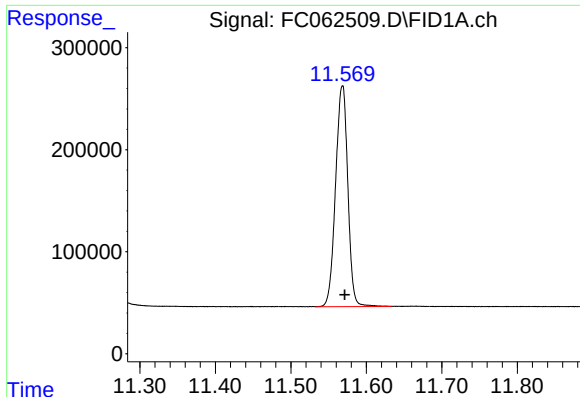
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.004 min
Response: 2207482
Conc: 17.59 ug/ml



#8 n-Octadecane (C18)

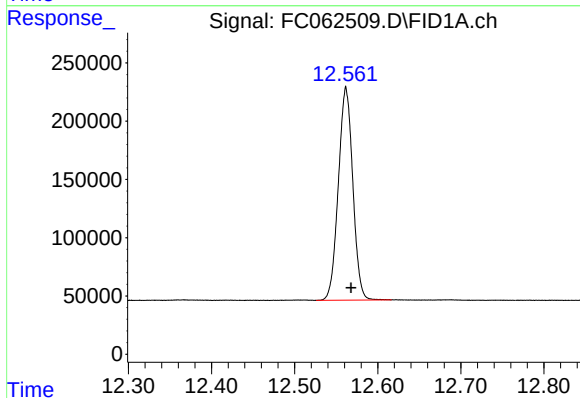
R.T.: 11.253 min
Delta R.T.: -0.005 min
Response: 2255652
Conc: 17.66 ug/ml



#9 ortho-Terphenyl (SURR)

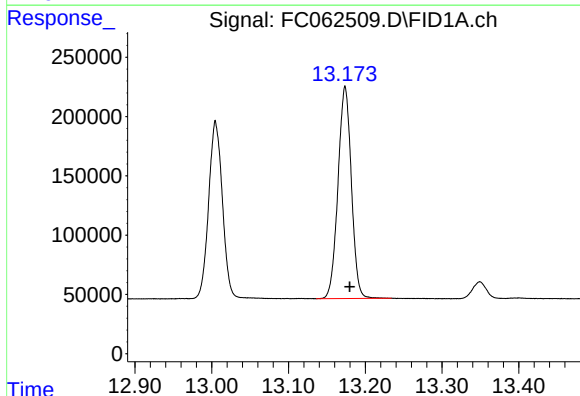
R.T.: 11.568 min
Delta R.T.: -0.003 min
Response: 2438266
Conc: 17.29 ug/ml

Instrument :
FID_C
ClientSampleId :



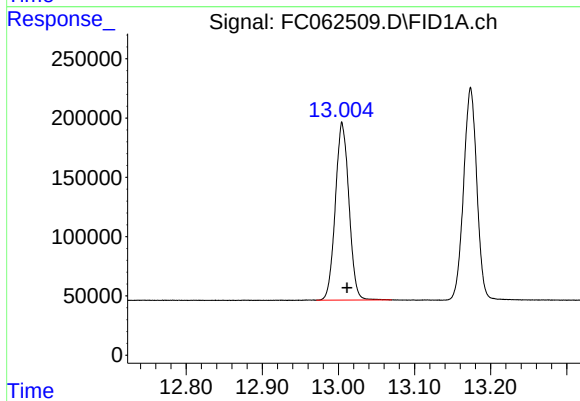
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.006 min
Response: 2207097
Conc: 17.74 ug/ml



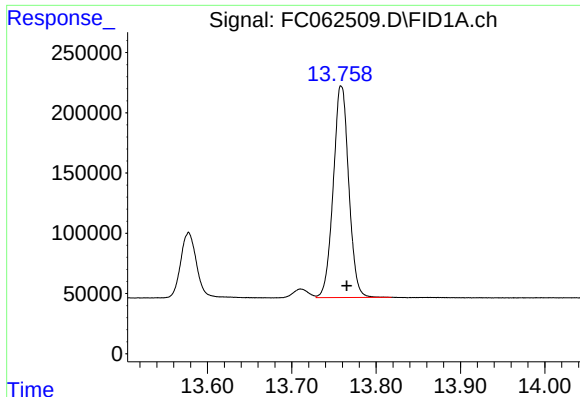
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: -0.006 min
Response: 2164312
Conc: 17.51 ug/ml



#12 1-chlorooctadecane (SURR)

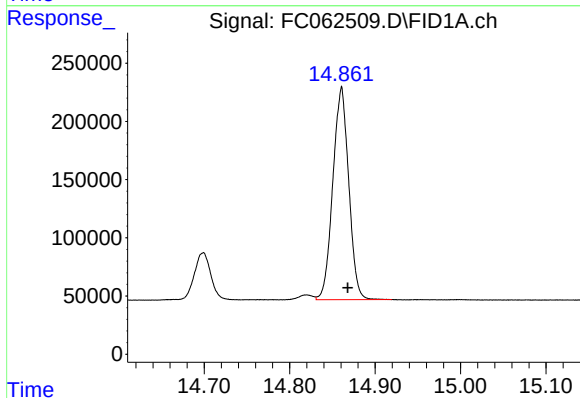
R.T.: 13.005 min
Delta R.T.: -0.007 min
Response: 1860780
Conc: 17.46 ug/ml



#13 n-Docosane (C22)

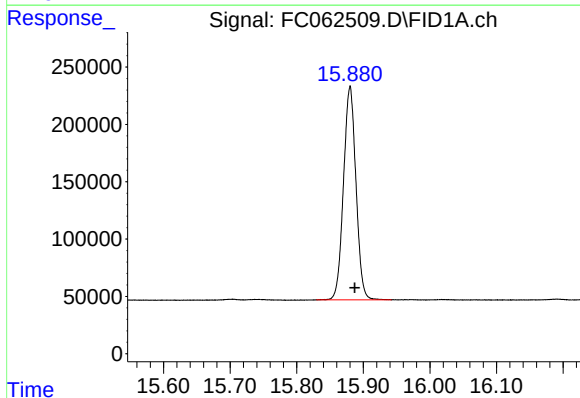
R.T.: 13.759 min
Delta R.T.: -0.006 min
Response: 2245366
Conc: 18.48 ug/ml

Instrument :
FID_C
ClientSampleId :



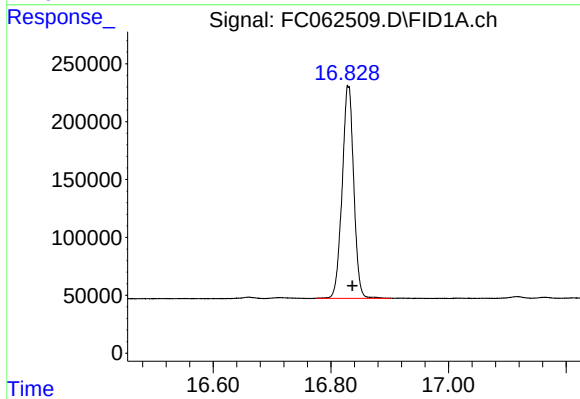
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.007 min
Response: 2359623
Conc: 19.69 ug/ml



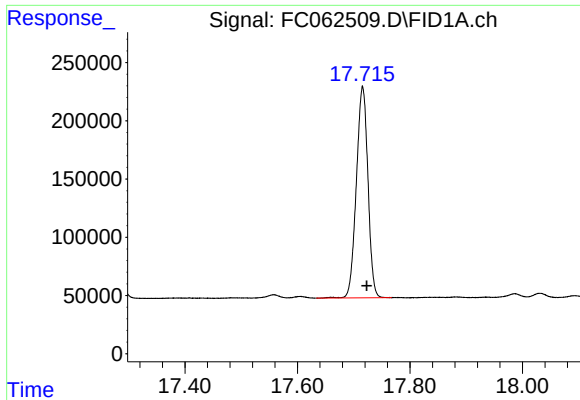
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.007 min
Response: 2417781
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

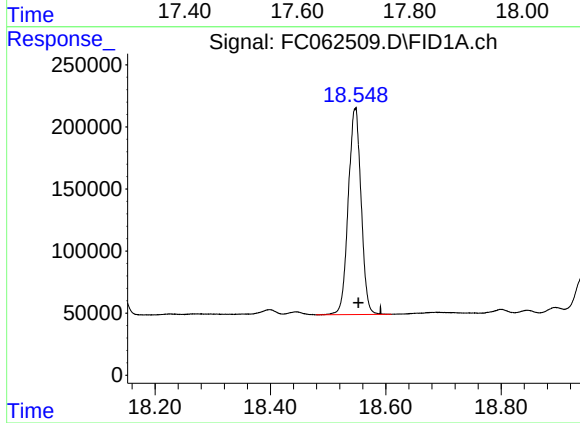
R.T.: 16.830 min
Delta R.T.: -0.007 min
Response: 2516079
Conc: 22.14 ug/ml



#17 n-Tricontane (C30)

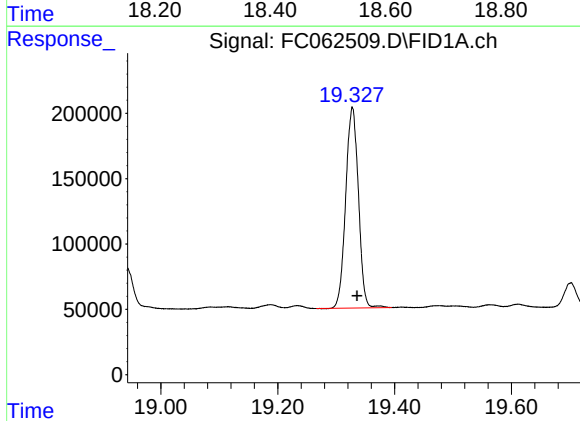
R.T.: 17.716 min
Delta R.T.: -0.007 min
Response: 2593499
Conc: 23.20 ug/ml

Instrument :
FID_C
ClientSampleId :



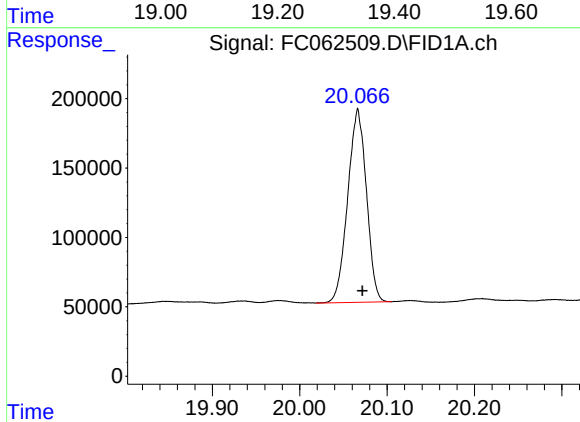
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.006 min
Response: 2565089
Conc: 23.08 ug/ml



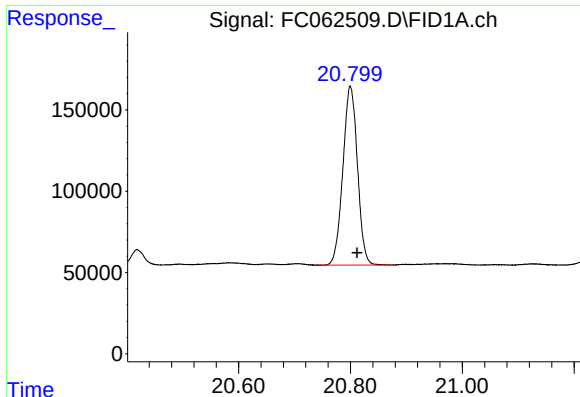
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.008 min
Response: 2321897
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

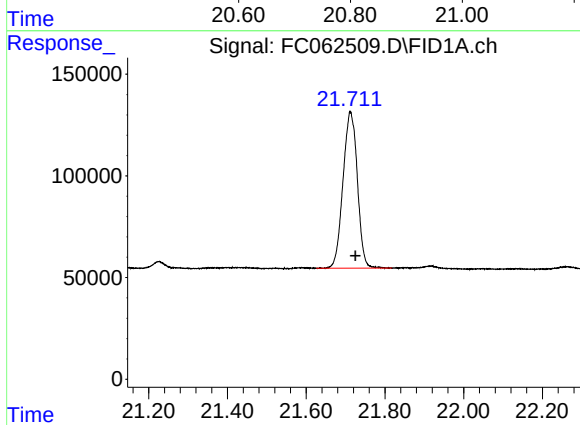
R.T.: 20.066 min
Delta R.T.: -0.005 min
Response: 2070511
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.012 min
Response: 1991102
Conc: 19.46 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.013 min
Response: 1949183
Conc: 19.23 ug/ml