

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060123AL\
 Data File : FC063722.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jun 2023 22:44
 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: Jun 02 03:52:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.533	3766283	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
12) S 1-chlorooctadecane (S...	12.967	2689065	21.046 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
Target Compounds			
1) T n-Nonane (C9)	3.314	3368720	21.136 ug/ml
2) T n-Decane (C10)	4.377	3413934	21.119 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3644365	20.978 ug/ml
4) T n-Dodecane (C12)	6.391	3401617	20.803 ug/ml
5) T A~2-methylnaphthalene...	7.014	3512812	21.443 ug/ml
6) T n-Tetradecane (C14)	8.183	3308489	21.037 ug/ml
7) T n-Hexadecane (C16)	9.780	3303331	20.757 ug/ml
8) T n-Octadecane (C18)	11.219	3281121	20.737 ug/ml
10) T n-Eicosane (C20)	12.523	3077307	20.808 ug/ml
11) T n-Heneicosane (C21)	13.135	3004689	20.874 ug/ml
13) T n-Docosane (C22)	13.719	2966747	21.060 ug/ml
14) T n-Tetracosane (C24)	14.819	2920648	21.284 ug/ml
15) T n-Hexacosane (C26)	15.837	2811464	21.204 ug/ml
16) T n-Octacosane (C28)	16.784	2748875	21.649 ug/ml
17) T n-Tricontane (C30)	17.667	2825623	22.116 ug/ml
18) T n-Dotriacontane (C32)	18.495	2877311	23.123 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2765069	22.426 ug/ml
20) T n-Hexatriacontane (C36)	20.012	2624503	21.867 ug/ml
21) T n-Octatriacontane (C38)	20.737	2725045	22.571 ug/ml
22) T n-Tetracontane (C40)	21.628	2641061	21.796 ug/ml

(f)=RT Delta > 1/2 Window

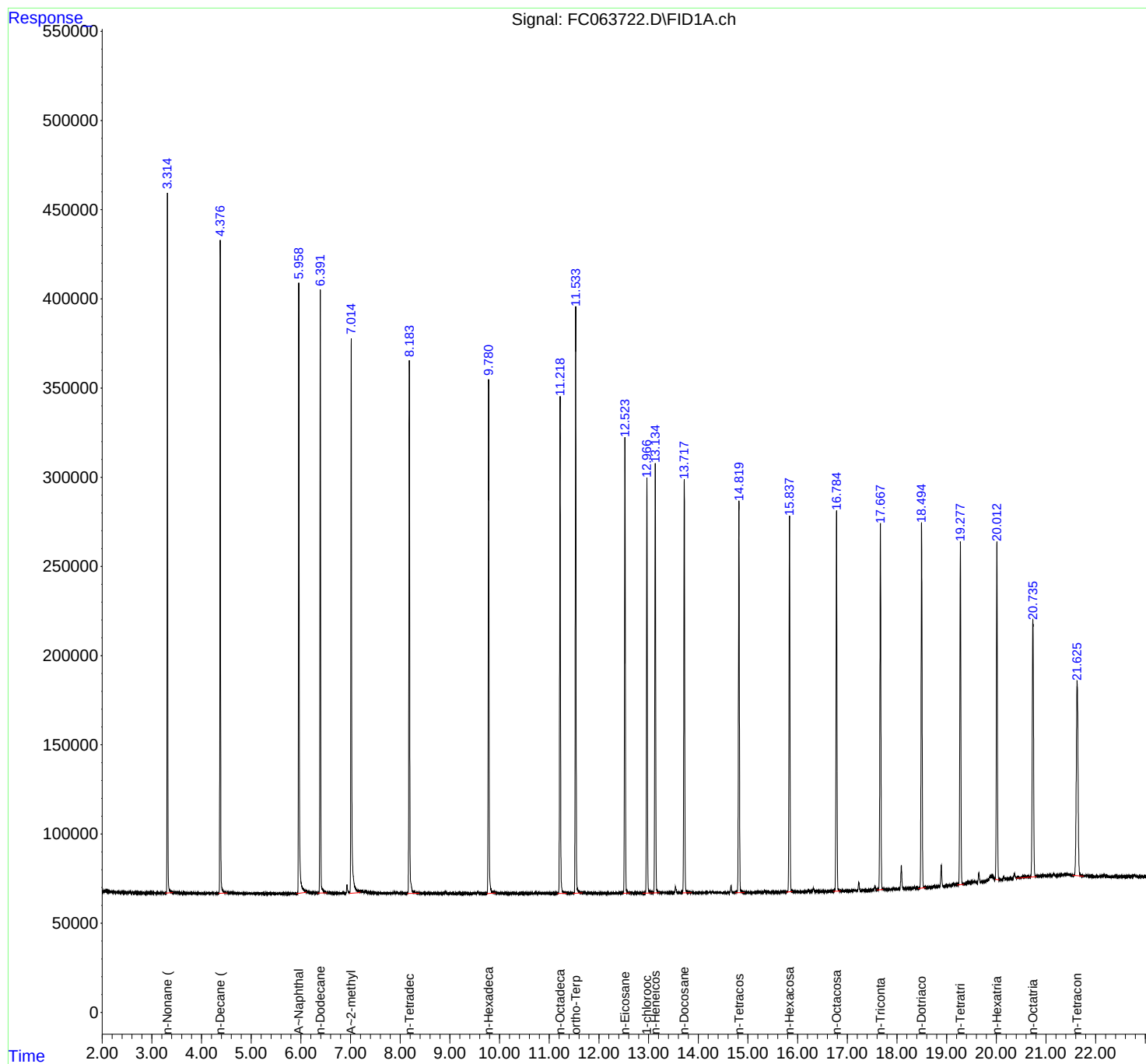
(m)=manual int.

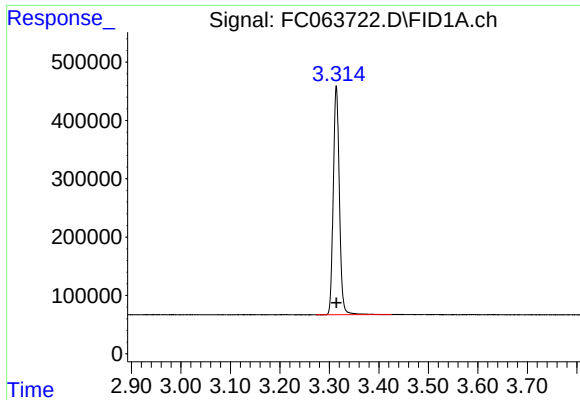
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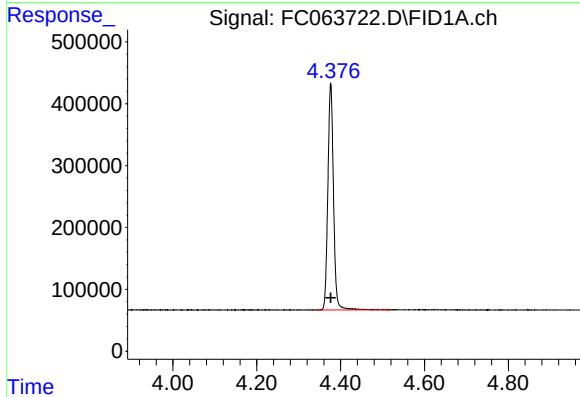




#1 n-Nonane (C9)

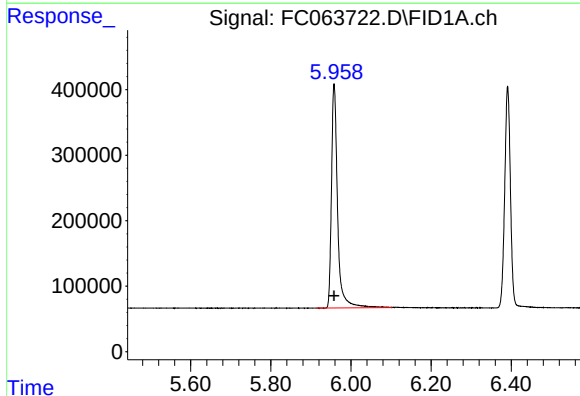
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 3368720
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :



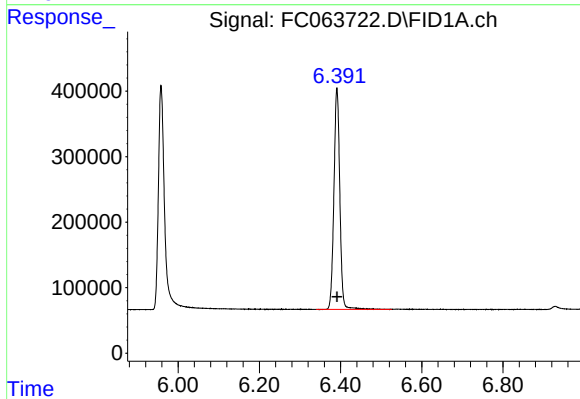
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 3413934
Conc: 21.12 ug/ml



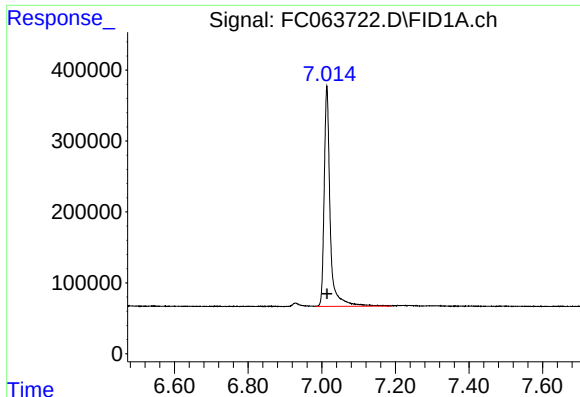
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3644365
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

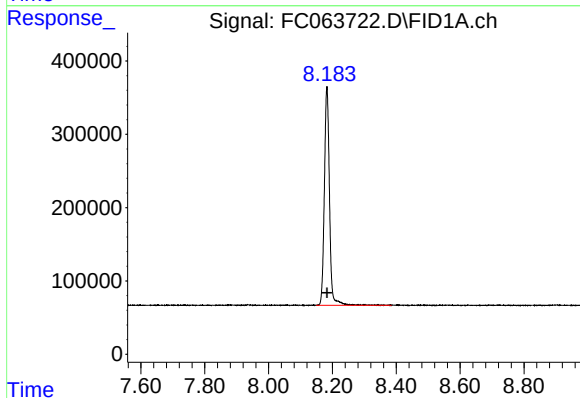
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3401617
Conc: 20.80 ug/ml



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

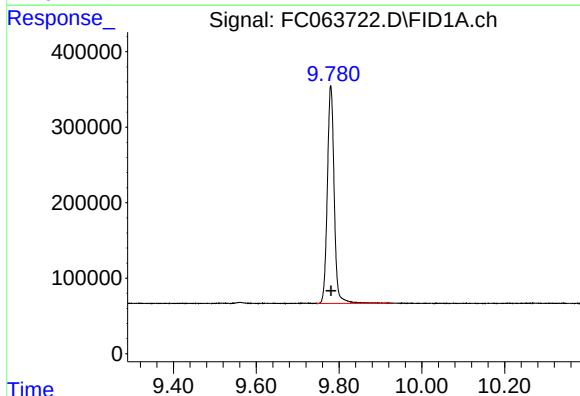
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 3512812
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :



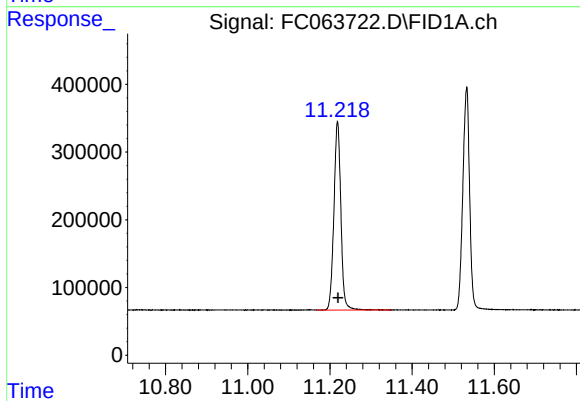
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 3308489
Conc: 21.04 ug/ml



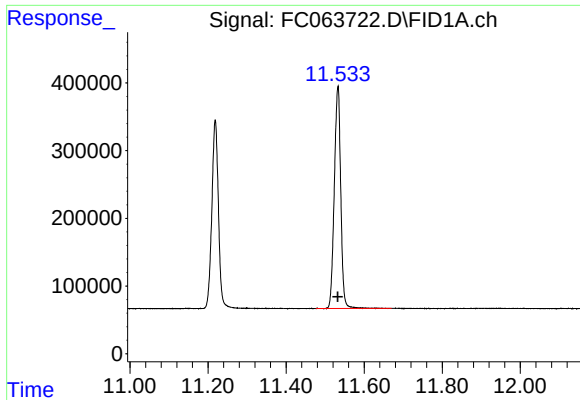
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 3303331
Conc: 20.76 ug/ml



#8 n-Octadecane (C18)

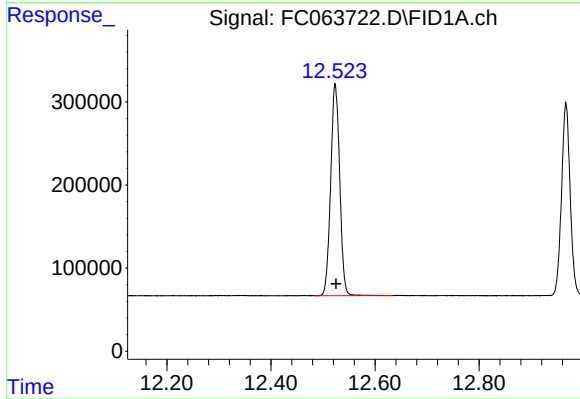
R.T.: 11.219 min
Delta R.T.: -0.001 min
Response: 3281121
Conc: 20.74 ug/ml



#9 ortho-Terphenyl (SURR)

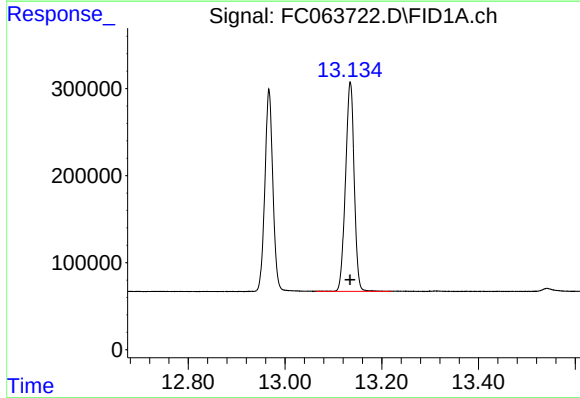
R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 3766283
Conc: 20.64 ug/ml

Instrument :
FID_C
ClientSampleId :



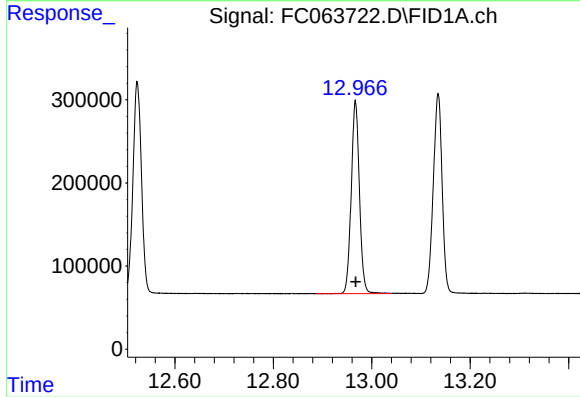
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.002 min
Response: 3077307
Conc: 20.81 ug/ml



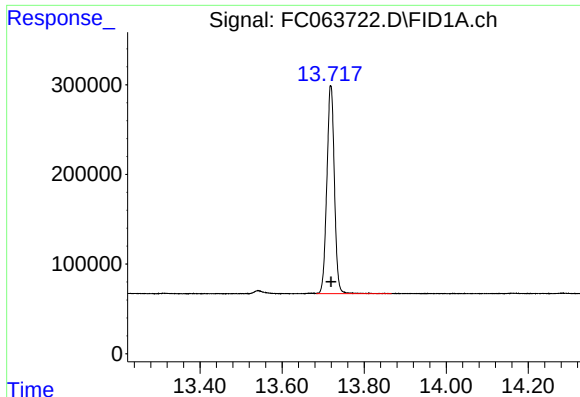
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.000 min
Response: 3004689
Conc: 20.87 ug/ml



#12 1-chlorooctadecane (SURR)

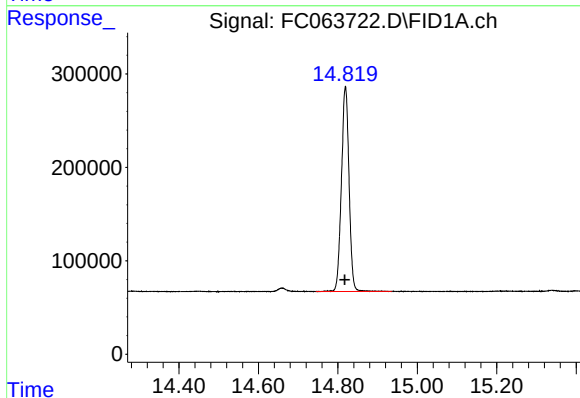
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2689065
Conc: 21.05 ug/ml



#13 n-Docosane (C22)

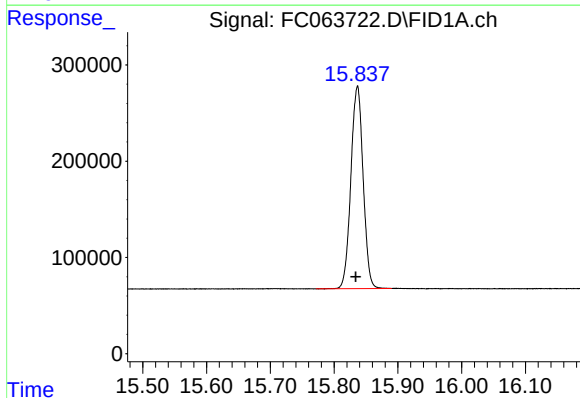
R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 2966747
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :



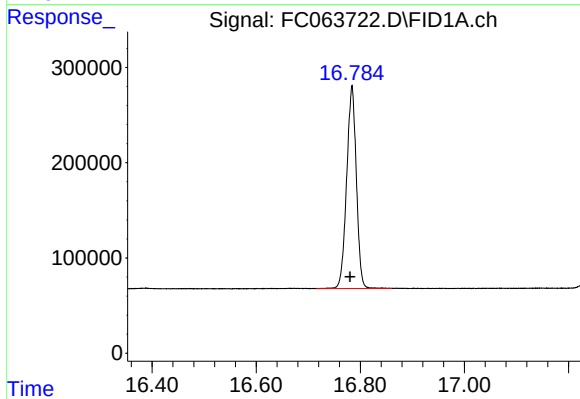
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.002 min
Response: 2920648
Conc: 21.28 ug/ml



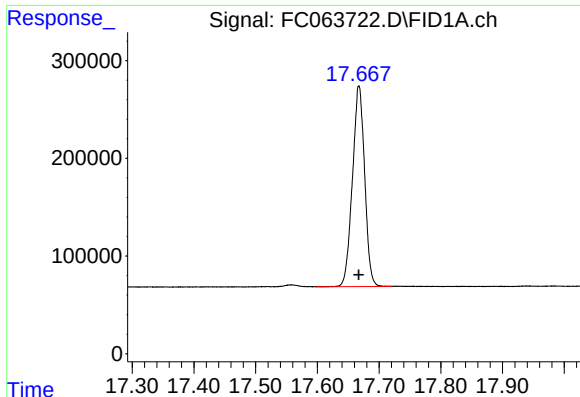
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.003 min
Response: 2811464
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

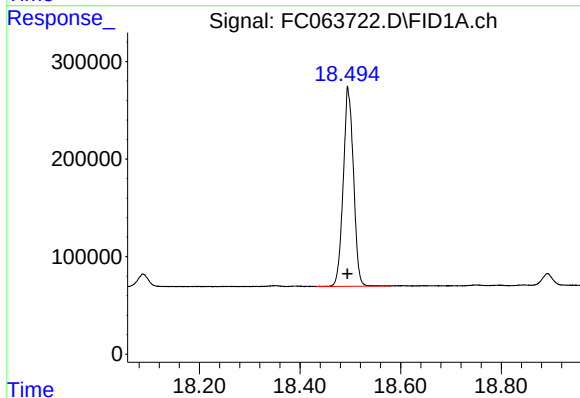
R.T.: 16.784 min
Delta R.T.: 0.003 min
Response: 2748875
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

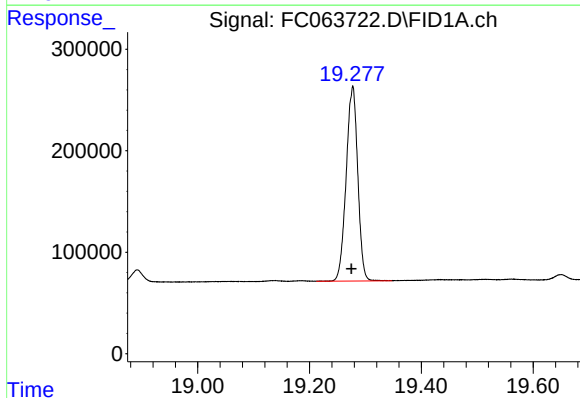
R.T.: 17.667 min
Delta R.T.: 0.000 min
Response: 2825623
Conc: 22.12 ug/ml

Instrument :
FID_C
ClientSampleId :



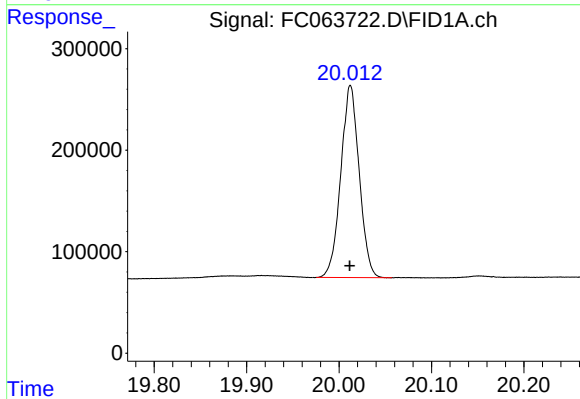
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.001 min
Response: 2877311
Conc: 23.12 ug/ml



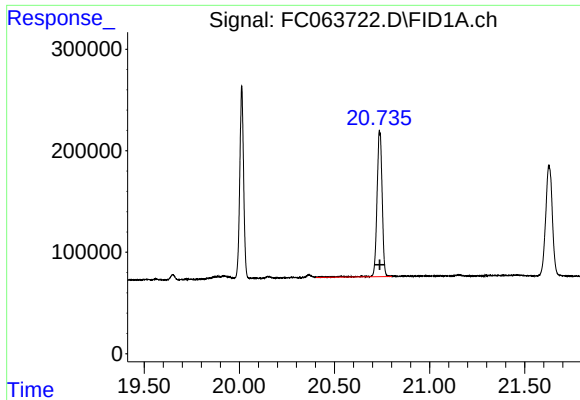
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min
Delta R.T.: 0.002 min
Response: 2765069
Conc: 22.43 ug/ml



#20 n-Hexatriacontane (C36)

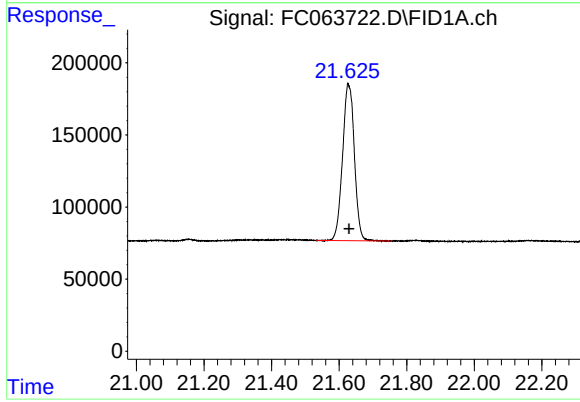
R.T.: 20.012 min
Delta R.T.: 0.000 min
Response: 2624503
Conc: 21.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 2725045
Conc: 22.57 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.628 min
Delta R.T.: -0.002 min
Response: 2641061
Conc: 21.80 ug/ml