

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050123AL\
 Data File : FC063493.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2023 13:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 02 03:59:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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	3046861	20.026 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.971	2172516	19.635 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.300	2671589	19.029 ug/ml
2) T n-Decane (C10)	4.366	2687952	19.725 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2914950	19.304 ug/ml
4) T n-Dodecane (C12)	6.385	2679242	19.916 ug/ml
5) T A~2-methylnaphthalene...	7.008	2709503	19.453 ug/ml
6) T n-Tetradecane (C14)	8.179	2637898	19.486 ug/ml
7) T n-Hexadecane (C16)	9.779	2703915	19.912 ug/ml
8) T n-Octadecane (C18)	11.220	2782730	20.090 ug/ml
10) T n-Eicosane (C20)	12.529	2702023	20.112 ug/ml
11) T n-Heneicosane (C21)	13.139	2710348	20.138 ug/ml
13) T n-Docosane (C22)	13.723	2681503	20.108 ug/ml
14) T n-Tetracosane (C24)	14.824	2766832	20.578 ug/ml
15) T n-Hexacosane (C26)	15.843	2732297	20.413 ug/ml
16) T n-Octacosane (C28)	16.791	2805616	20.721 ug/ml
17) T n-Tricontane (C30)	17.675	2974086	21.499 ug/ml
18) T n-Dotriacontane (C32)	18.506	3044666	21.566 ug/ml
19) T n-Tetratriacontane (C34)	19.288	2802340	20.306 ug/ml
20) T n-Hexatriacontane (C36)	20.025	2405161	18.817 ug/ml
21) T n-Octatriacontane (C38)	20.752	2042679	16.589 ug/ml
22) T n-Tetracontane (C40)	21.647	1681914	14.292 ug/ml

(f)=RT Delta > 1/2 Window

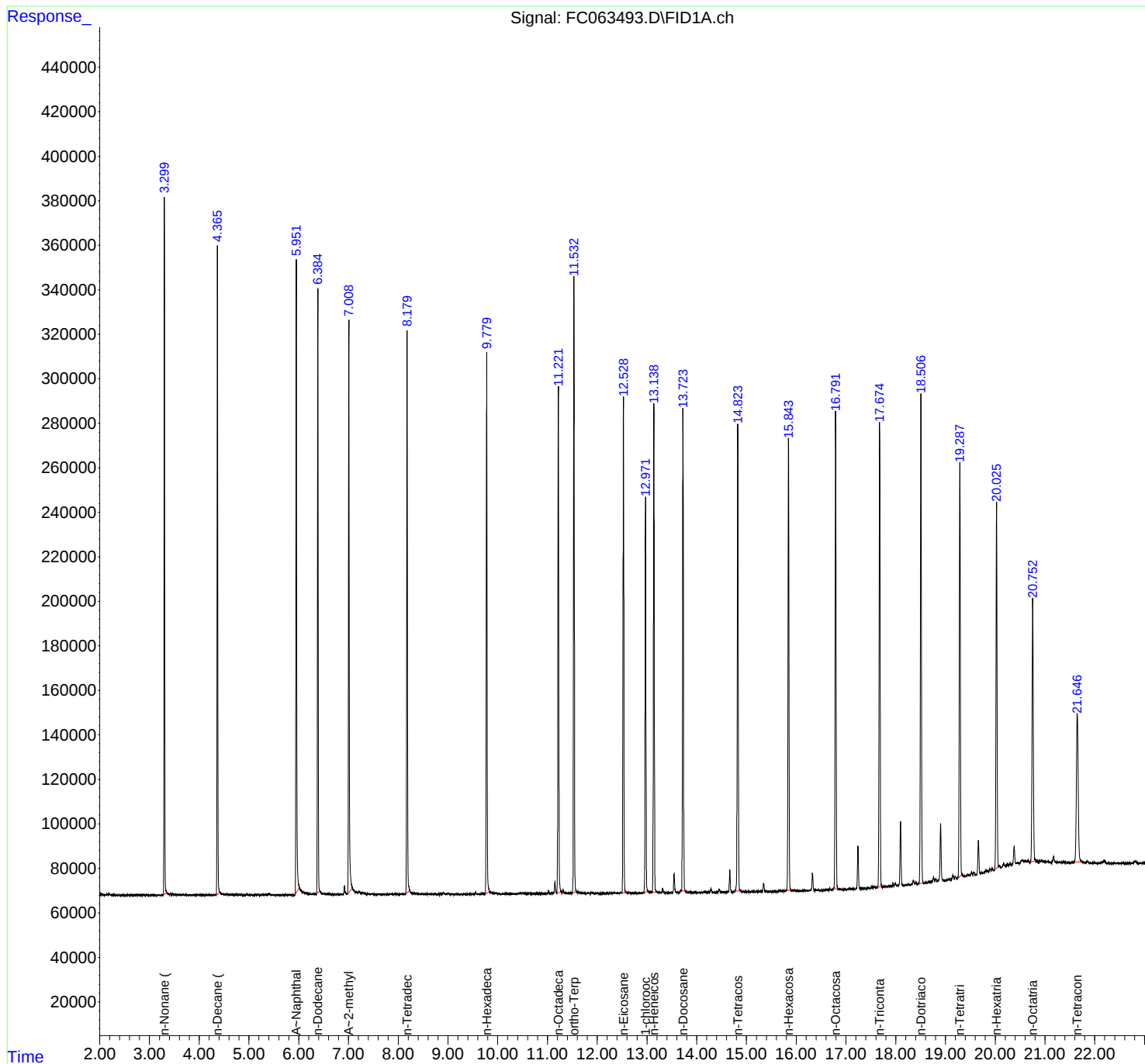
(m)=manual int.

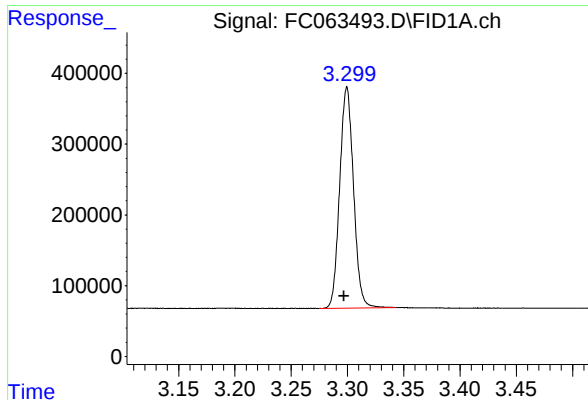
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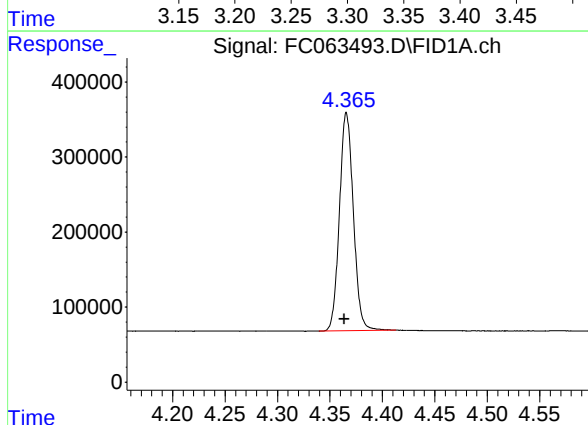




#1 n-Nonane (C9)

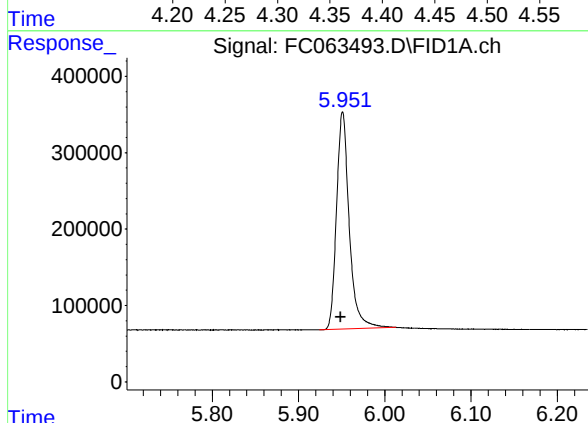
R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 2671589
Conc: 19.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



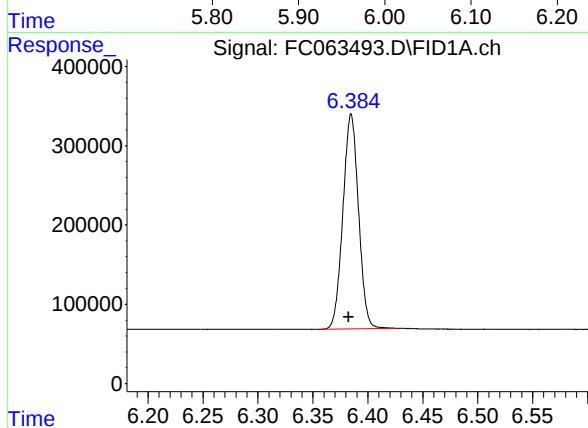
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 2687952
Conc: 19.72 ug/ml



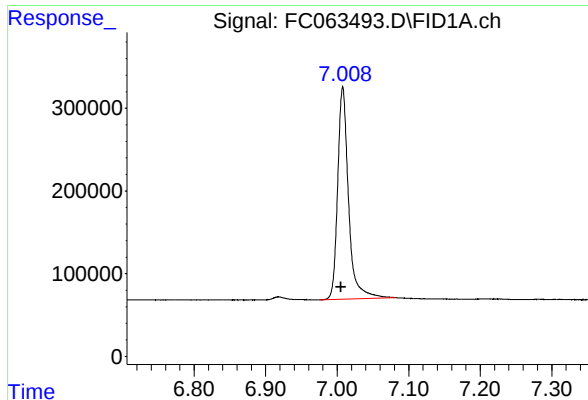
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 2914950
Conc: 19.30 ug/ml



#4 n-Dodecane (C12)

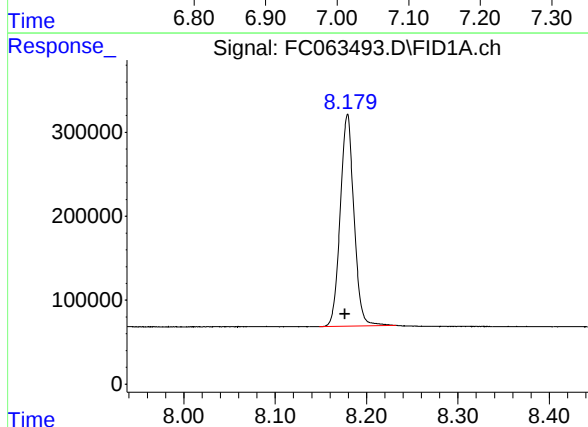
R.T.: 6.385 min
Delta R.T.: 0.003 min
Response: 2679242
Conc: 19.92 ug/ml



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

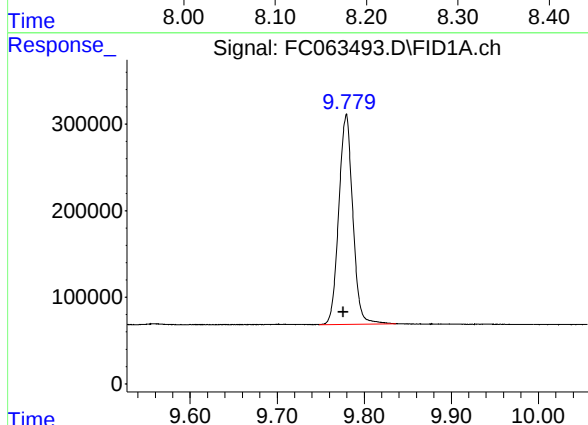
R.T.: 7.008 min
Delta R.T.: 0.003 min
Response: 2709503
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



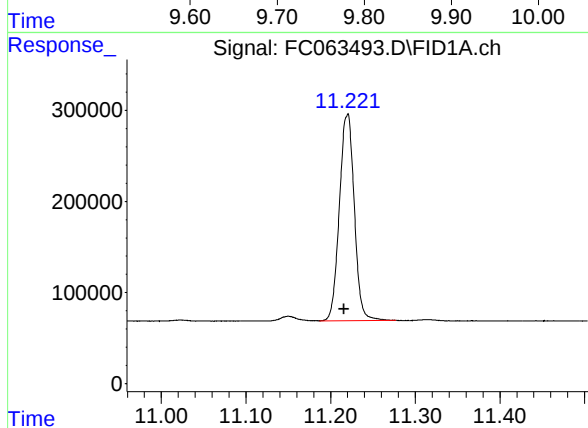
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 2637898
Conc: 19.49 ug/ml



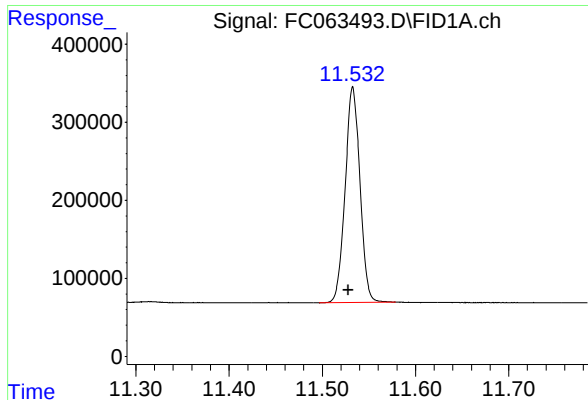
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.004 min
Response: 2703915
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

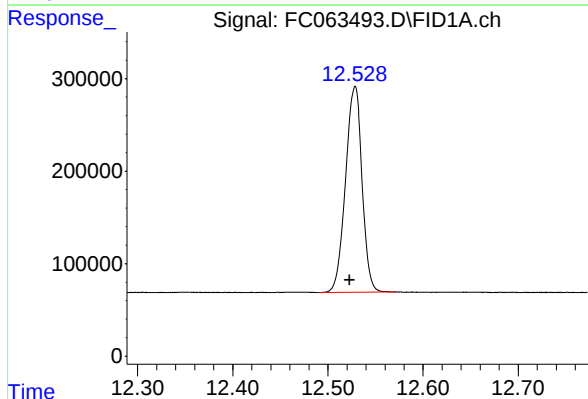
R.T.: 11.220 min
Delta R.T.: 0.004 min
Response: 2782730
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

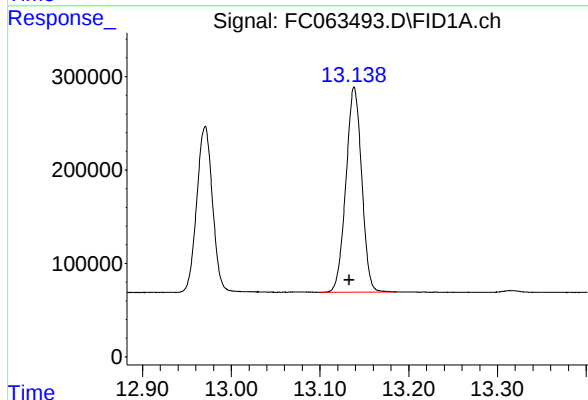
R.T.: 11.533 min
Delta R.T.: 0.005 min
Response: 3046861
Conc: 20.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



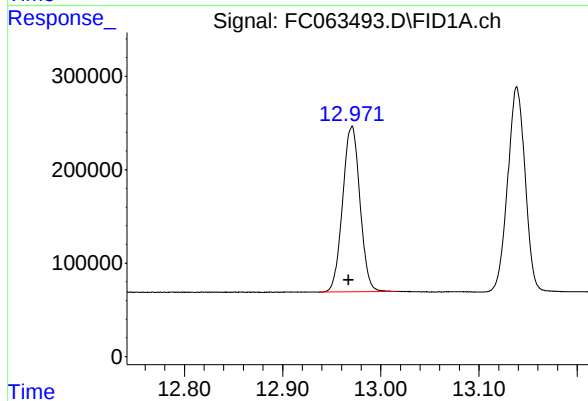
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.006 min
Response: 2702023
Conc: 20.11 ug/ml



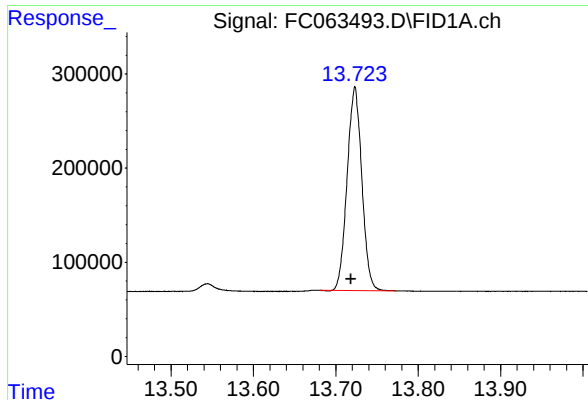
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.005 min
Response: 2710348
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

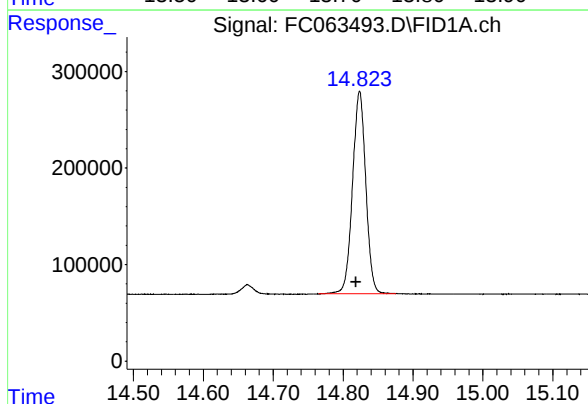
R.T.: 12.971 min
Delta R.T.: 0.004 min
Response: 2172516
Conc: 19.63 ug/ml



#13 n-Docosane (C22)

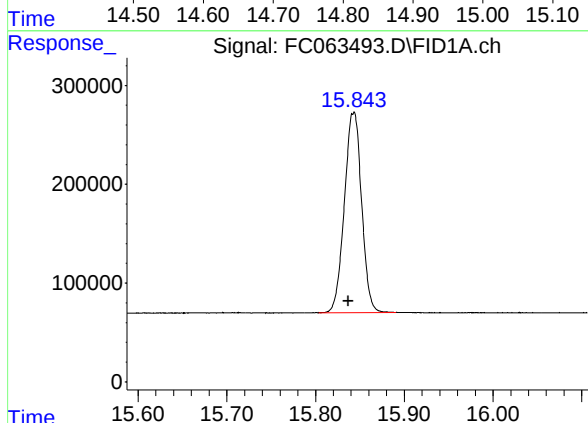
R.T.: 13.723 min
Delta R.T.: 0.005 min
Response: 2681503
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



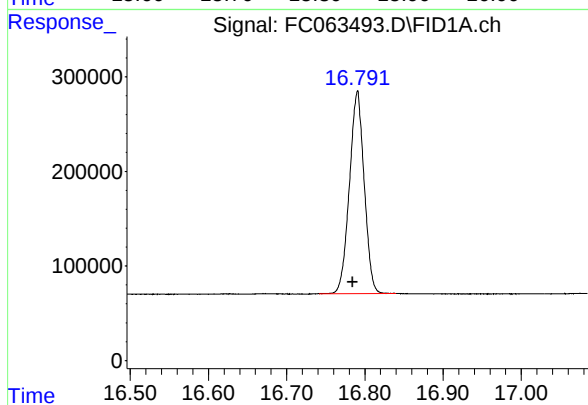
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.005 min
Response: 2766832
Conc: 20.58 ug/ml



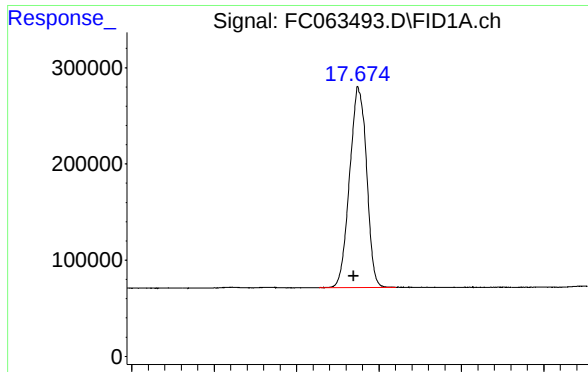
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.006 min
Response: 2732297
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

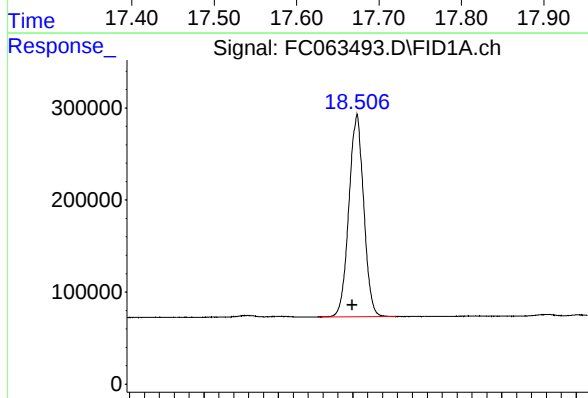
R.T.: 16.791 min
Delta R.T.: 0.006 min
Response: 2805616
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

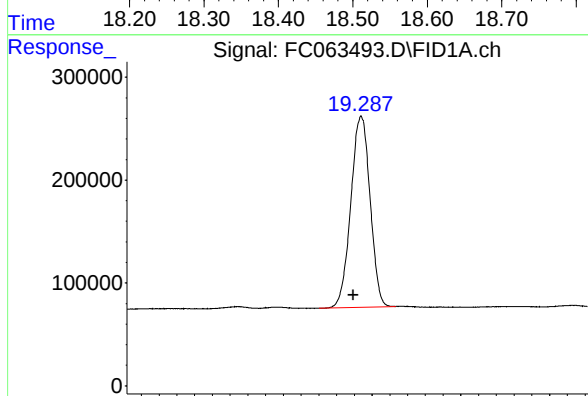
R.T.: 17.675 min
Delta R.T.: 0.006 min
Response: 2974086
Conc: 21.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



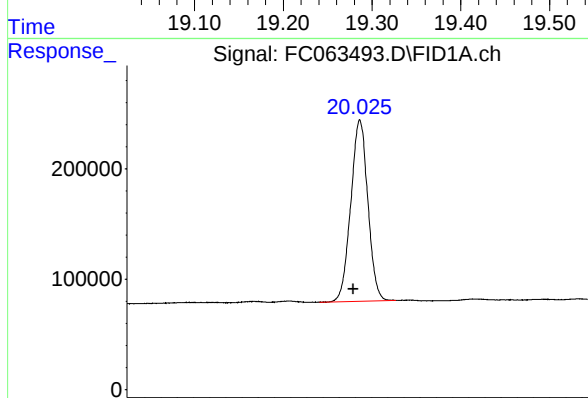
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: 0.006 min
Response: 3044666
Conc: 21.57 ug/ml



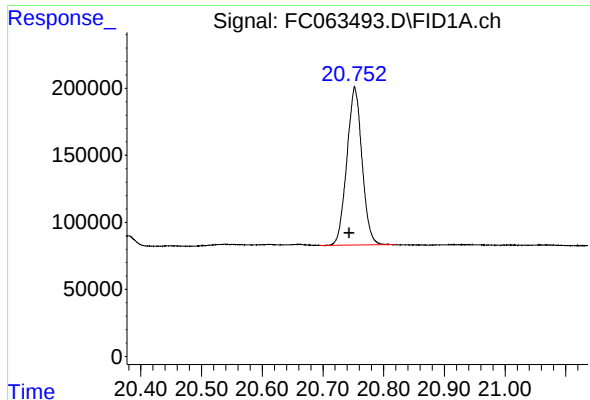
#19 n-Tetatriacontane (C34)

R.T.: 19.288 min
Delta R.T.: 0.009 min
Response: 2802340
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

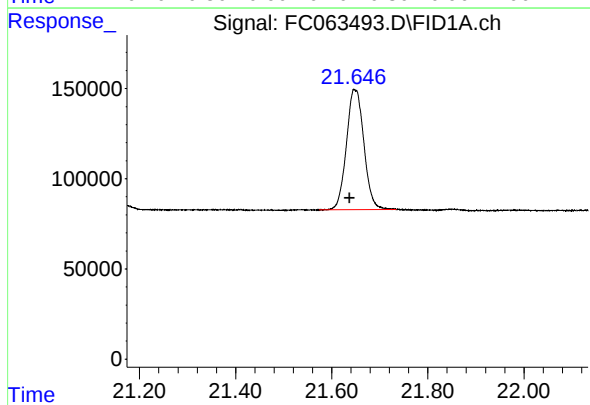
R.T.: 20.025 min
Delta R.T.: 0.008 min
Response: 2405161
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: 0.009 min
Response: 2042679
Conc: 16.59 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.010 min
Response: 1681914
Conc: 14.29 ug/ml