

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041723AL\
 Data File : FC063395.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2023 11:14
 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: Apr 17 15:42:49 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)	11.531	2777833	18.258 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
12) S 1-chlorooctadecane (S...	12.970	2048630	18.515 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
Target Compounds			
1) T n-Nonane (C9)	3.294	2487967	17.721 ug/ml
2) T n-Decane (C10)	4.361	2481618	18.211 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2694720	17.846 ug/ml
4) T n-Dodecane (C12)	6.381	2482415	18.453 ug/ml
5) T A~2-methylnaphthalene...	7.003	2489725	17.875 ug/ml
6) T n-Tetradecane (C14)	8.176	2436864	18.001 ug/ml
7) T n-Hexadecane (C16)	9.776	2484499	18.296 ug/ml
8) T n-Octadecane (C18)	11.218	2518937	18.186 ug/ml
10) T n-Eicosane (C20)	12.527	2452082	18.251 ug/ml
11) T n-Heneicosane (C21)	13.137	2454249	18.235 ug/ml
13) T n-Docosane (C22)	13.722	2430205	18.224 ug/ml
14) T n-Tetracosane (C24)	14.823	2433089	18.096 ug/ml
15) T n-Hexacosane (C26)	15.842	2430111	18.155 ug/ml
16) T n-Octacosane (C28)	16.789	2504678	18.498 ug/ml
17) T n-Tricontane (C30)	17.676	2698589	19.508 ug/ml
18) T n-Dotriacontane (C32)	18.507	2828829	20.037 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2747986	19.913 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2570855	20.113 ug/ml
21) T n-Octatriacontane (C38)	20.756	2481018	20.149 ug/ml
22) T n-Tetracontane (C40)	21.652	2406167	20.447 ug/ml

(f)=RT Delta > 1/2 Window

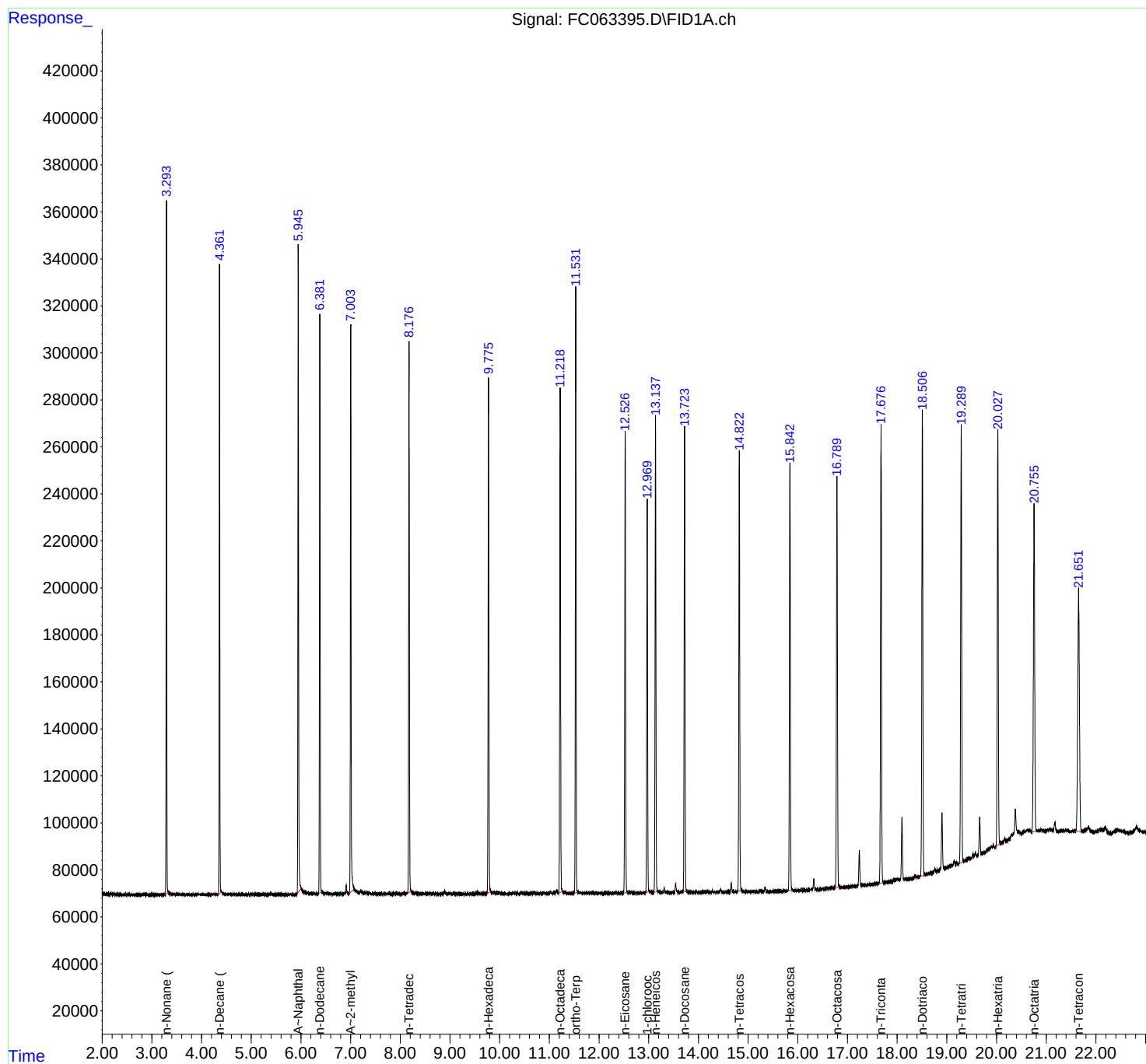
(m)=manual int.

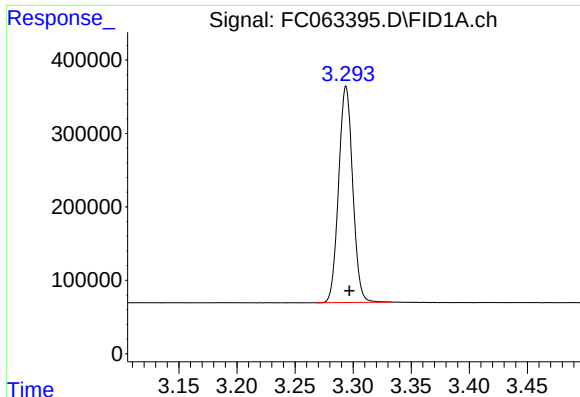
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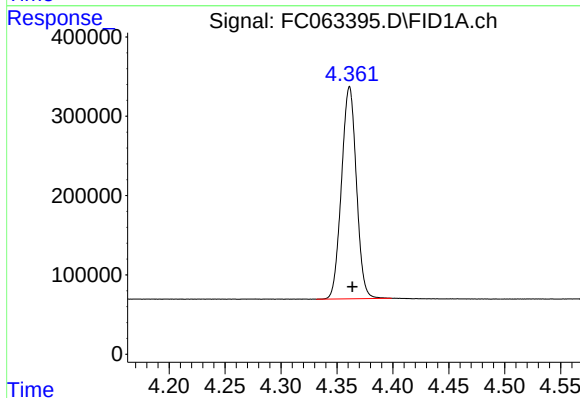




#1 n-Nonane (C9)

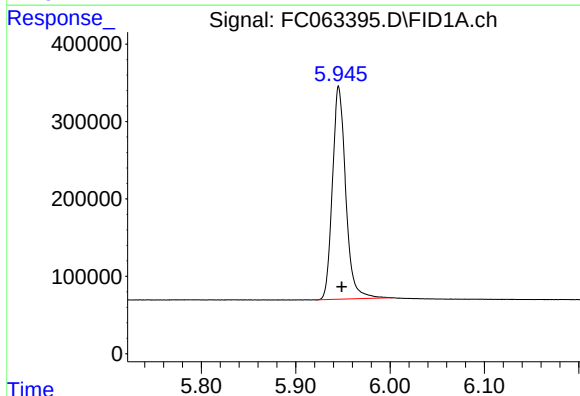
R.T.: 3.294 min
Delta R.T.: -0.003 min
Response: 2487967
Conc: 17.72 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



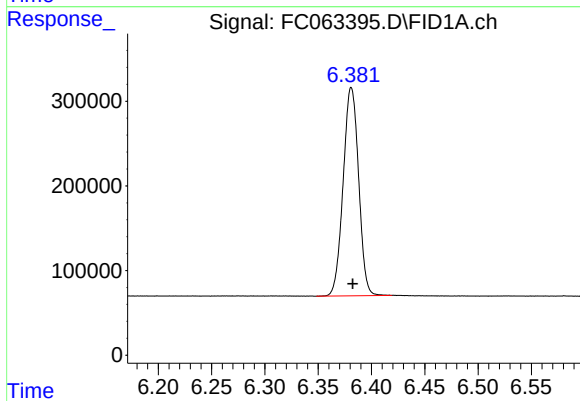
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 2481618
Conc: 18.21 ug/ml



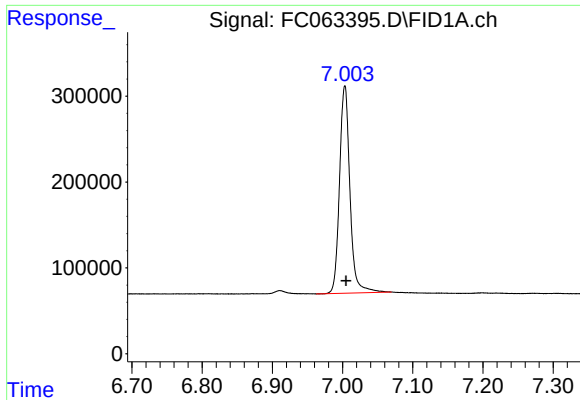
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 2694720
Conc: 17.85 ug/ml



#4 n-Dodecane (C12)

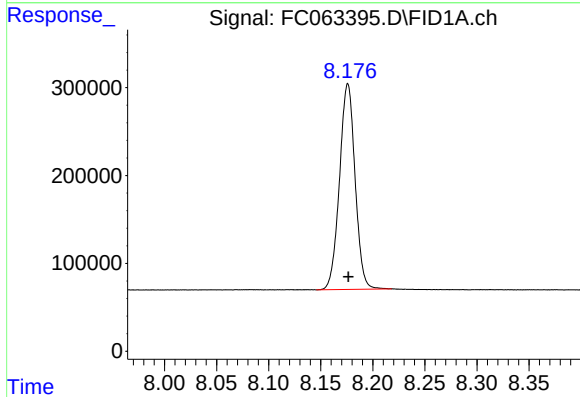
R.T.: 6.381 min
Delta R.T.: -0.001 min
Response: 2482415
Conc: 18.45 ug/ml



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

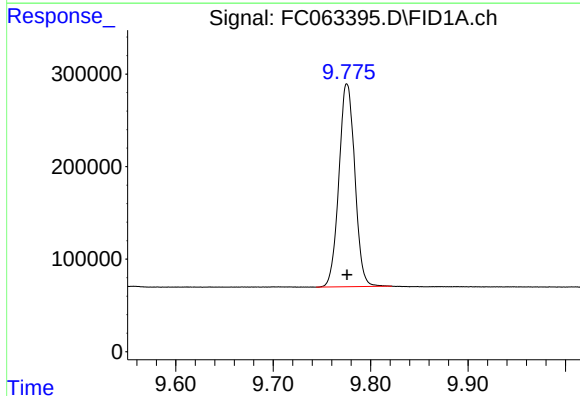
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 2489725
Conc: 17.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



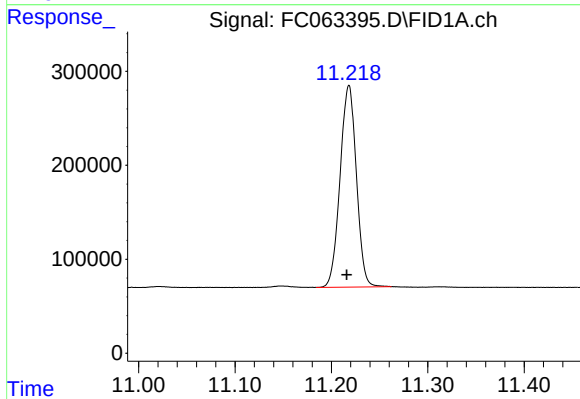
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2436864
Conc: 18.00 ug/ml



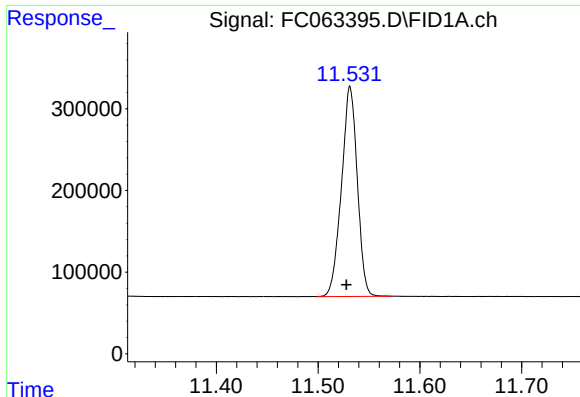
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 2484499
Conc: 18.30 ug/ml



#8 n-Octadecane (C18)

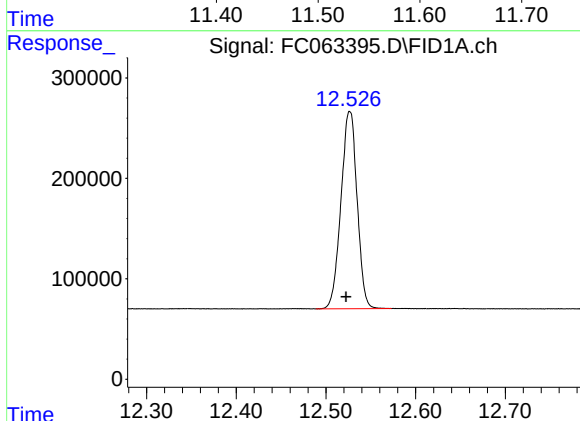
R.T.: 11.218 min
Delta R.T.: 0.002 min
Response: 2518937
Conc: 18.19 ug/ml



#9 ortho-Terphenyl (SURR)

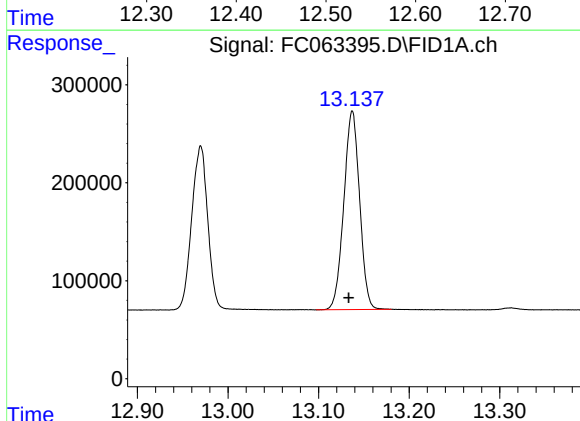
R.T.: 11.531 min
Delta R.T.: 0.004 min
Response: 2777833
Conc: 18.26 ug/ml

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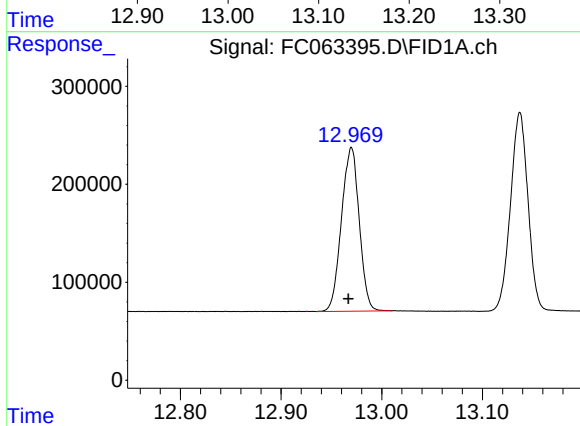
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.004 min
Response: 2452082
Conc: 18.25 ug/ml



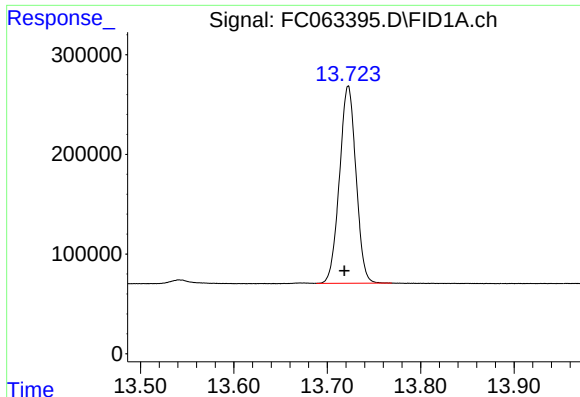
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.004 min
Response: 2454249
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

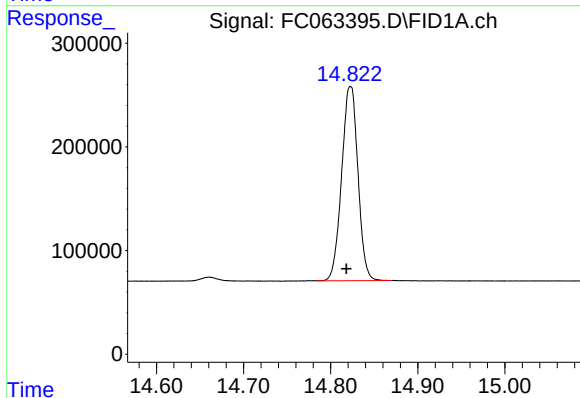
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2048630
Conc: 18.52 ug/ml



#13 n-Docosane (C22)

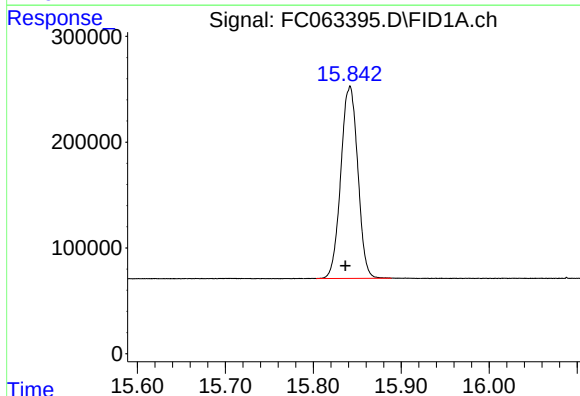
R.T.: 13.722 min
Delta R.T.: 0.004 min
Response: 2430205
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



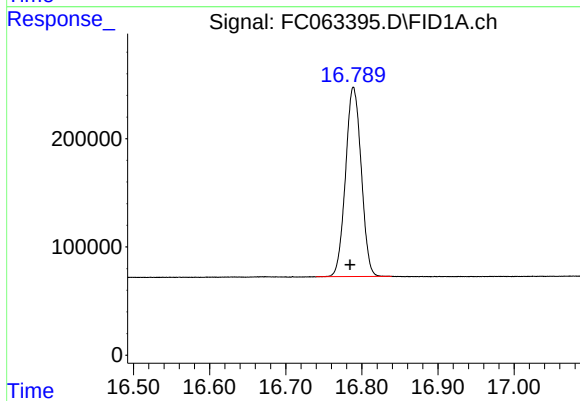
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.004 min
Response: 2433089
Conc: 18.10 ug/ml



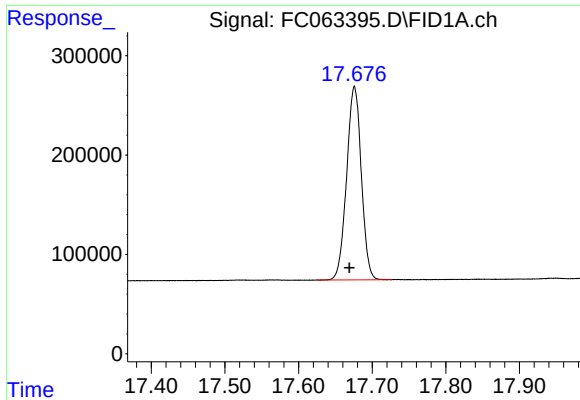
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.005 min
Response: 2430111
Conc: 18.16 ug/ml



#16 n-Octacosane (C28)

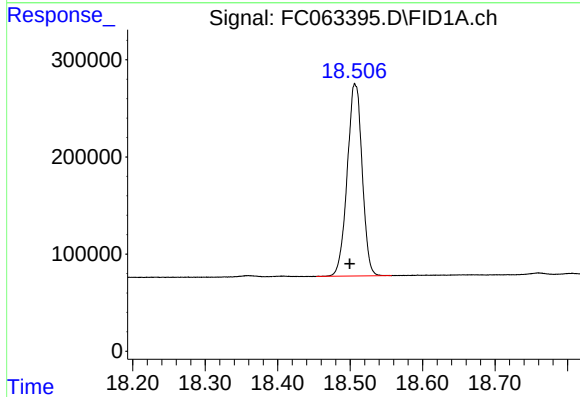
R.T.: 16.789 min
Delta R.T.: 0.005 min
Response: 2504678
Conc: 18.50 ug/ml



#17 n-Tricontane (C30)

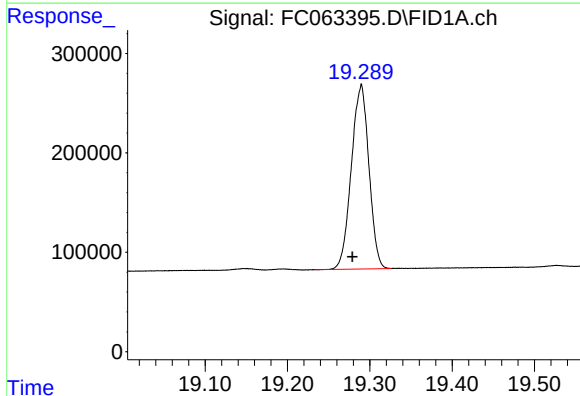
R.T.: 17.676 min
Delta R.T.: 0.007 min
Response: 2698589
Conc: 19.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



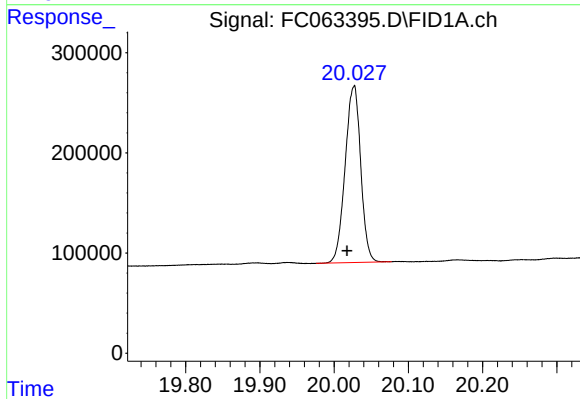
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.007 min
Response: 2828829
Conc: 20.04 ug/ml



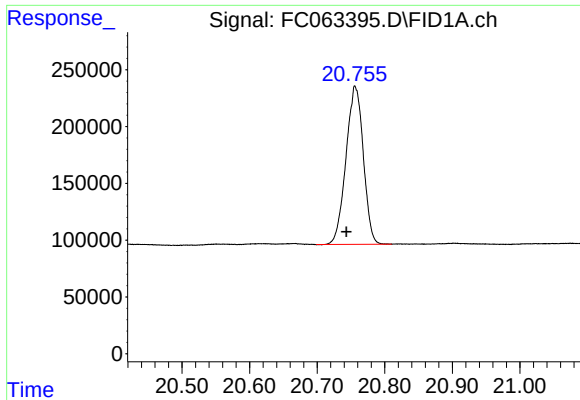
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.011 min
Response: 2747986
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

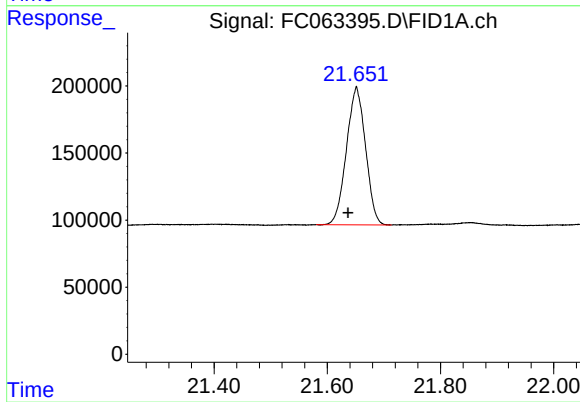
R.T.: 20.027 min
Delta R.T.: 0.010 min
Response: 2570855
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: 0.013 min
Response: 2481018
Conc: 20.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: 0.015 min
Response: 2406167
Conc: 20.45 ug/ml