

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052623AL\
 Data File : FC063699.D
 Signal(s) : FID1A.ch
 Acq On : 26 May 2023 17:51
 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 27 01:46:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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	3799282	20.278 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	12.967	2703156	20.643 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	3.317	3183285	19.883 ug/ml
2) T n-Decane (C10)	4.378	3254243	20.111 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3396607	20.005 ug/ml
4) T n-Dodecane (C12)	6.392	3251738	19.976 ug/ml
5) T A~2-methylnaphthalene...	7.014	3251869	20.105 ug/ml
6) T n-Tetradecane (C14)	8.182	3209625	20.323 ug/ml
7) T n-Hexadecane (C16)	9.780	3279090	20.440 ug/ml
8) T n-Octadecane (C18)	11.219	3311781	20.678 ug/ml
10) T n-Eicosane (C20)	12.525	3140267	20.699 ug/ml
11) T n-Heneicosane (C21)	13.135	3064306	20.910 ug/ml
13) T n-Docosane (C22)	13.719	3003254	20.812 ug/ml
14) T n-Tetracosane (C24)	14.818	2942851	20.921 ug/ml
15) T n-Hexacosane (C26)	15.835	2860204	20.943 ug/ml
16) T n-Octacosane (C28)	16.782	2845678	21.514 ug/ml
17) T n-Tricontane (C30)	17.667	3049456	22.679 ug/ml
18) T n-Dotriacontane (C32)	18.497	3075249	23.032 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2926253	22.543 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2738834	22.116 ug/ml
21) T n-Octatriacontane (C38)	20.737	2660874	21.295 ug/ml
22) T n-Tetracontane (C40)	21.629	2586524	21.041 ug/ml

(f)=RT Delta > 1/2 Window

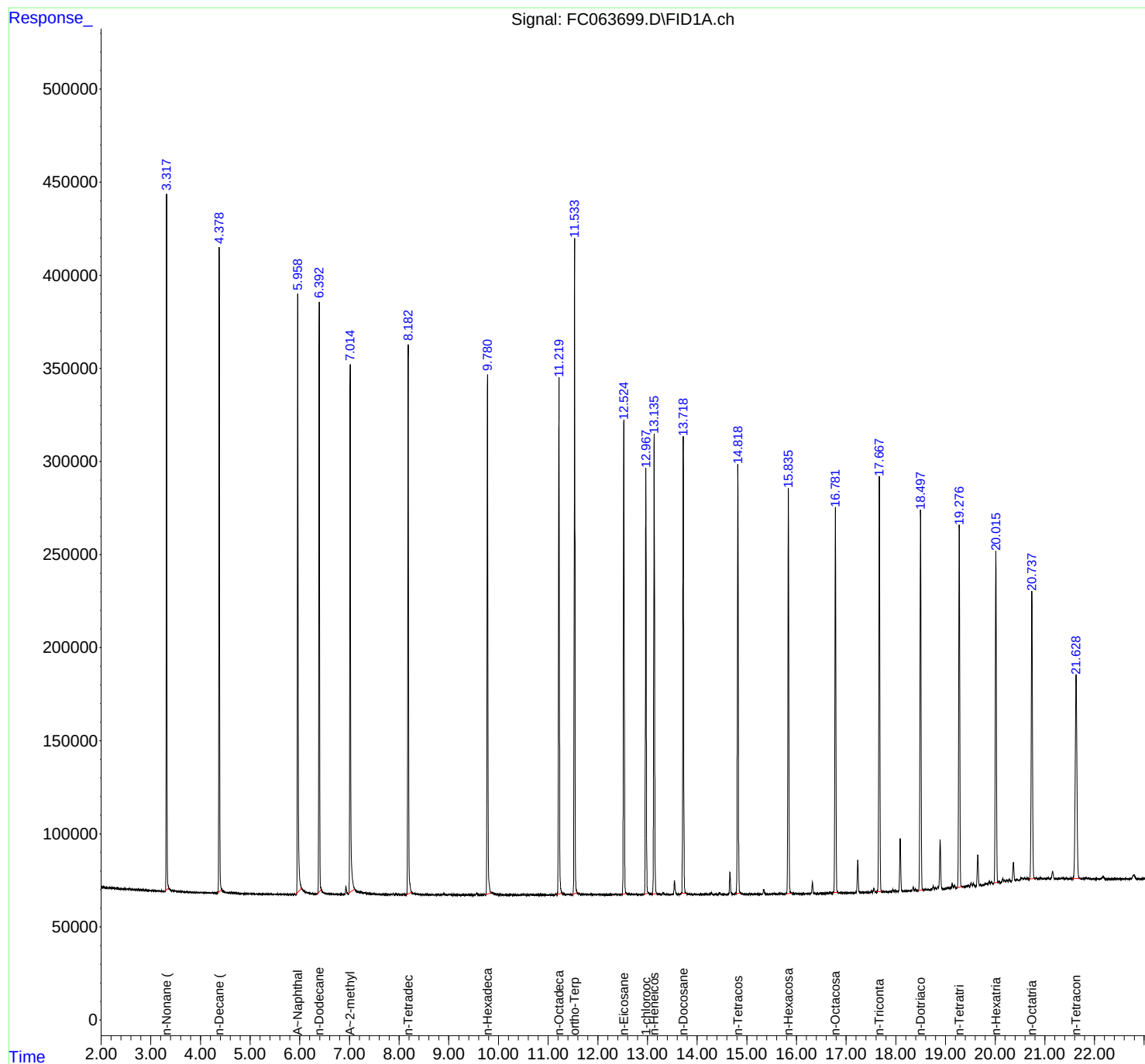
(m)=manual int.

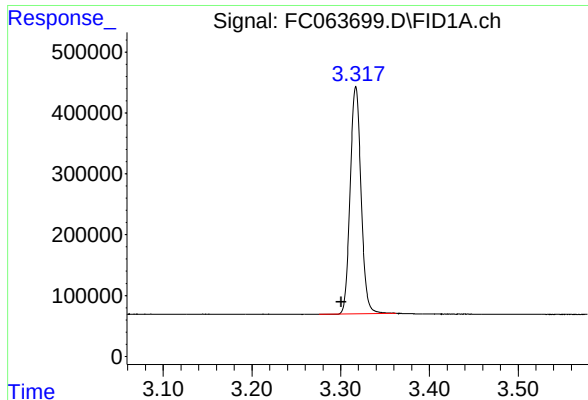
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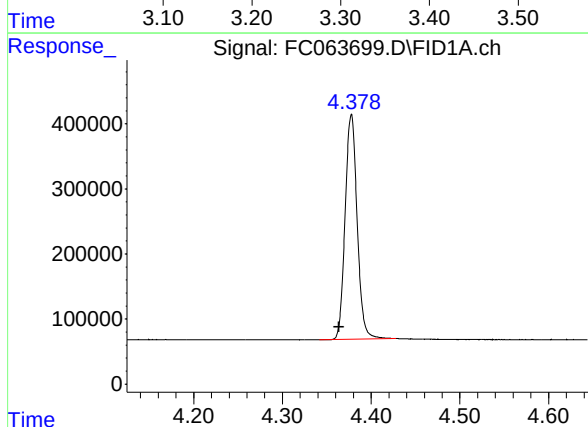




#1 n-Nonane (C9)

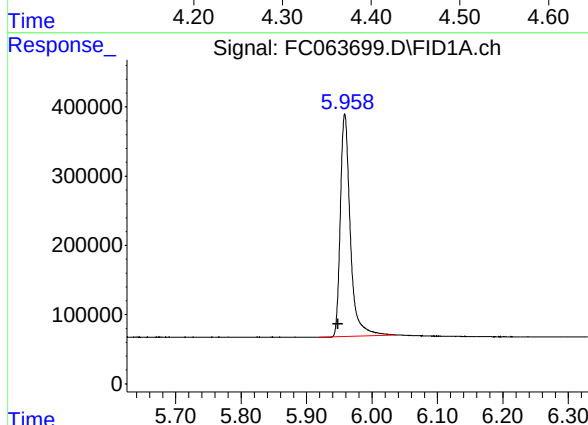
R.T.: 3.317 min
Delta R.T.: 0.016 min
Response: 3183285
Conc: 19.88 ug/ml

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20 PPM ALIPHATIC HC STD



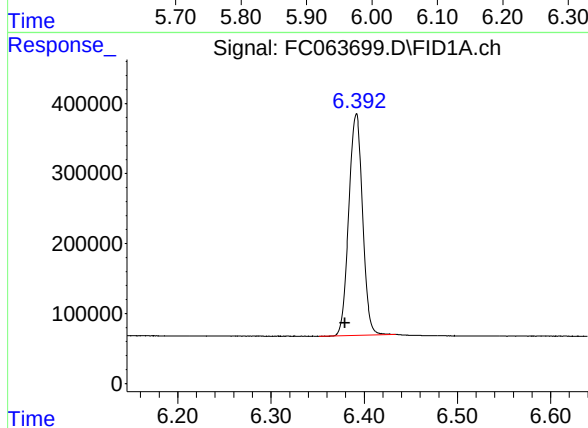
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.014 min
Response: 3254243
Conc: 20.11 ug/ml



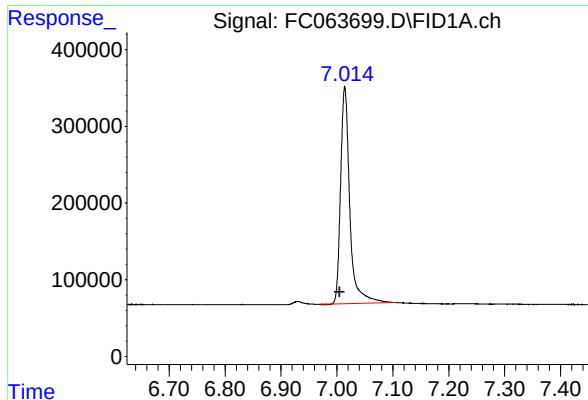
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.010 min
Response: 3396607
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

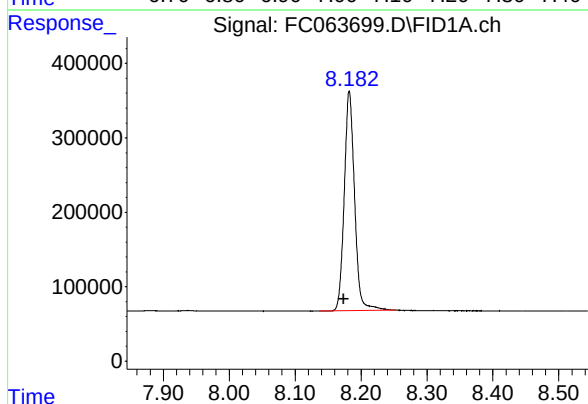
R.T.: 6.392 min
Delta R.T.: 0.012 min
Response: 3251738
Conc: 19.98 ug/ml



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

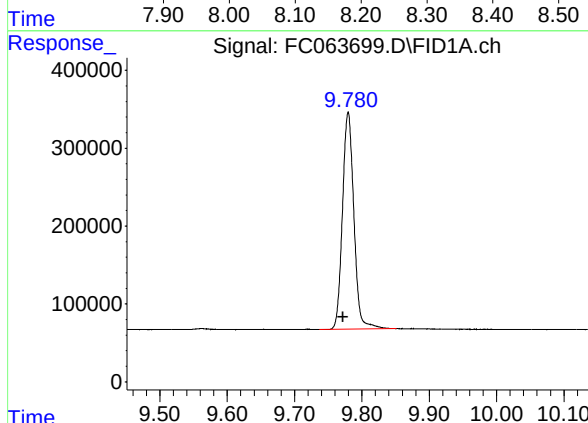
R.T.: 7.014 min
Delta R.T.: 0.009 min
Response: 3251869
Conc: 20.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



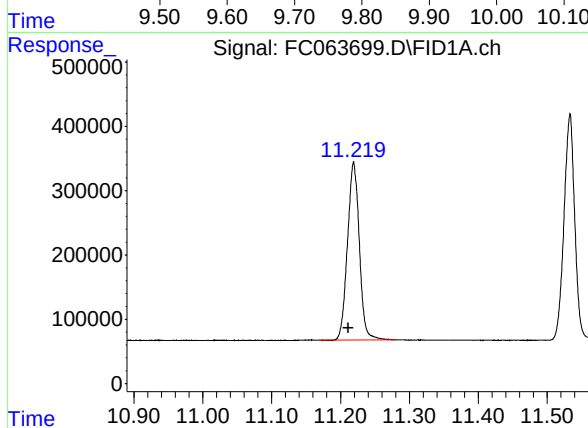
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: 0.009 min
Response: 3209625
Conc: 20.32 ug/ml



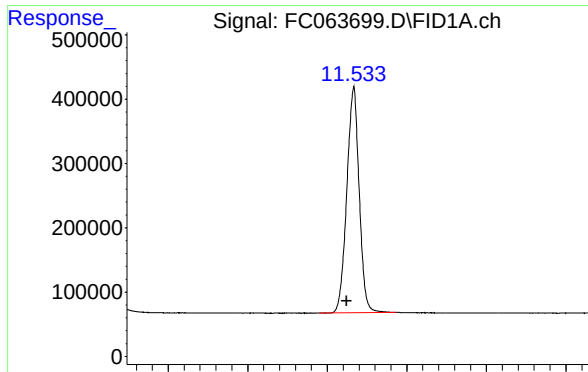
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.007 min
Response: 3279090
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

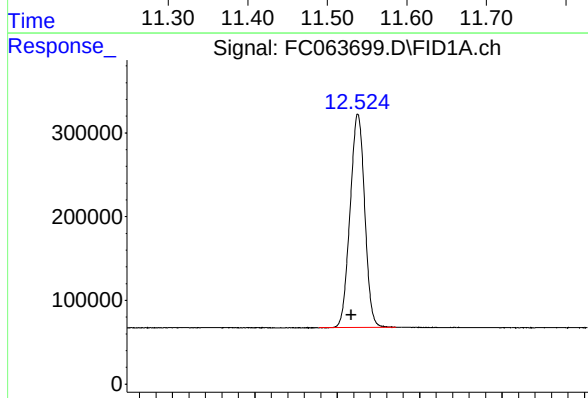
R.T.: 11.219 min
Delta R.T.: 0.008 min
Response: 3311781
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

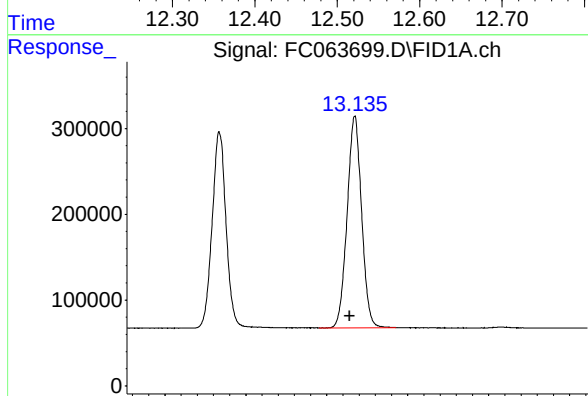
R.T.: 11.533 min
Delta R.T.: 0.009 min
Response: 3799282
Conc: 20.28 ug/ml

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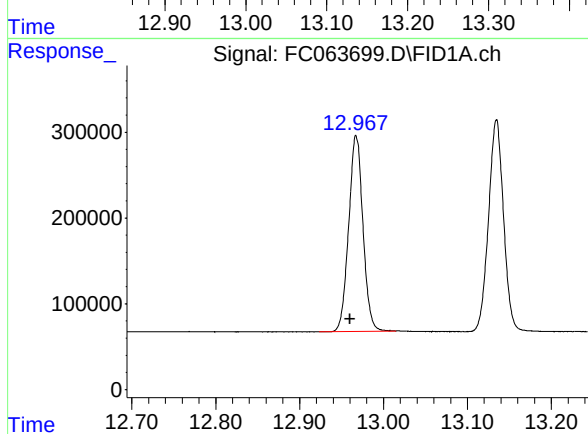
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.008 min
Response: 3140267
Conc: 20.70 ug/ml



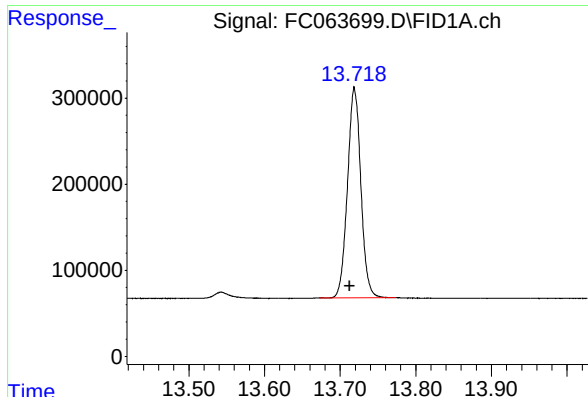
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.006 min
Response: 3064306
Conc: 20.91 ug/ml



#12 1-chlorooctadecane (SURR)

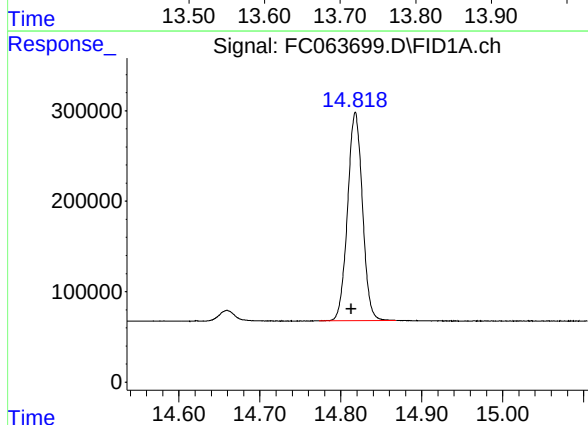
R.T.: 12.967 min
Delta R.T.: 0.007 min
Response: 2703156
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

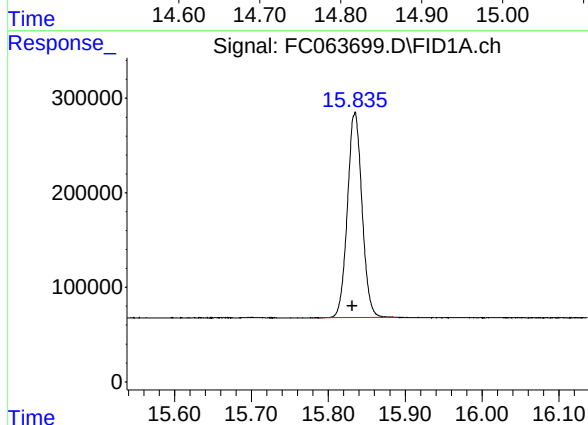
R.T.: 13.719 min
Delta R.T.: 0.006 min
Response: 3003254
Conc: 20.81 ug/ml

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20 PPM ALIPHATIC HC STD



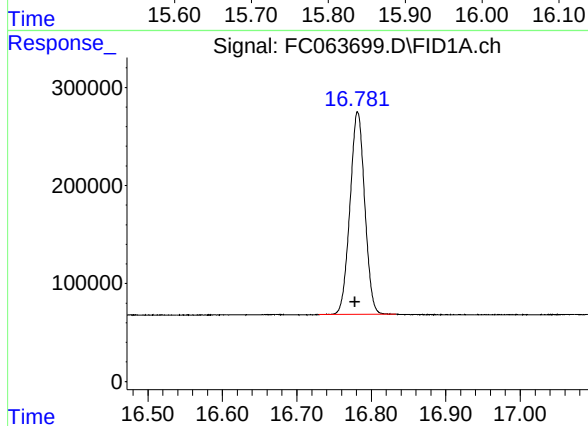
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.005 min
Response: 2942851
Conc: 20.92 ug/ml



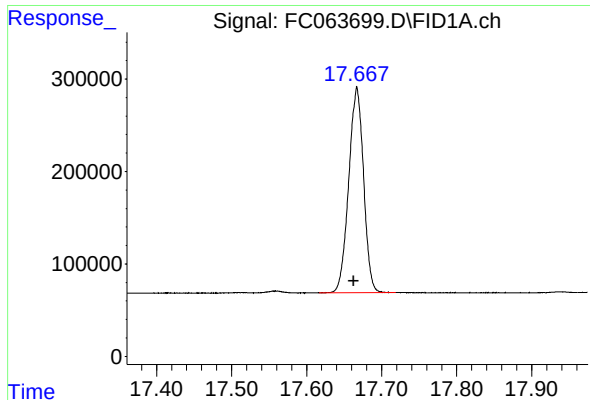
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.003 min
Response: 2860204
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

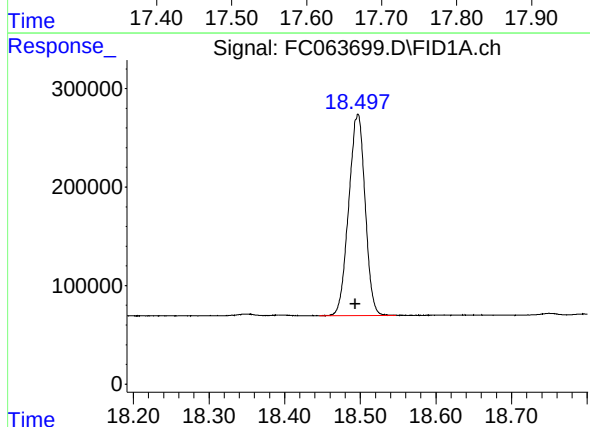
R.T.: 16.782 min
Delta R.T.: 0.004 min
Response: 2845678
Conc: 21.51 ug/ml



#17 n-Tricontane (C30)

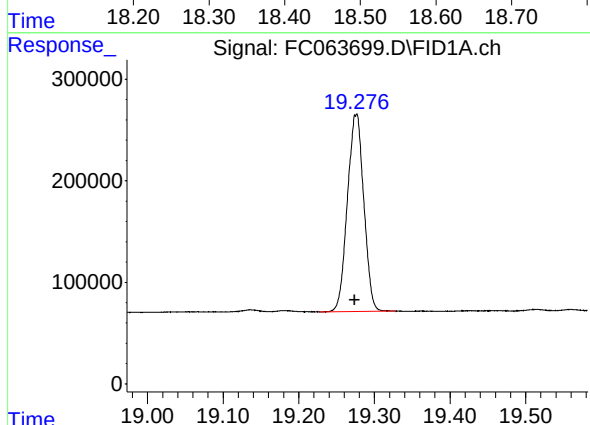
R.T.: 17.667 min
Delta R.T.: 0.005 min
Response: 3049456
Conc: 22.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



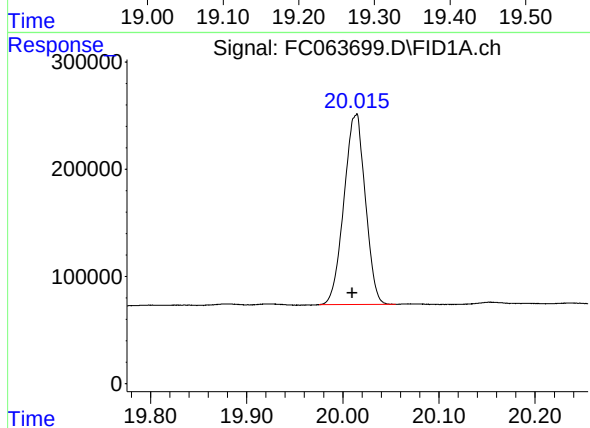
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.003 min
Response: 3075249
Conc: 23.03 ug/ml



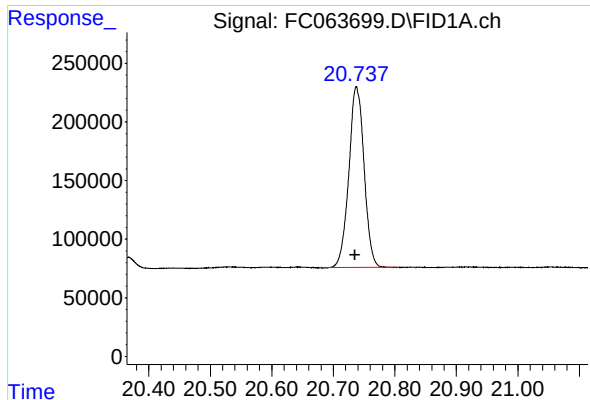
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.002 min
Response: 2926253
Conc: 22.54 ug/ml



#20 n-Hexatriacontane (C36)

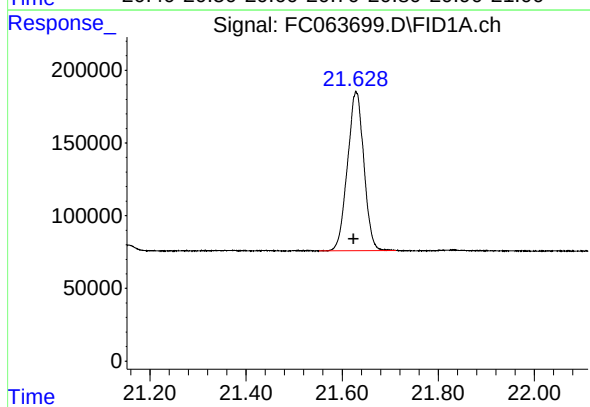
R.T.: 20.014 min
Delta R.T.: 0.004 min
Response: 2738834
Conc: 22.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.002 min
Response: 2660874
Conc: 21.29 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.005 min
Response: 2586524
Conc: 21.04 ug/ml