

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052223AL\
 Data File : FC063667.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2023 08:50
 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 23 00:05:56 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)	11.534	3960720	21.140 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
12) S 1-chlorooctadecane (S...	12.968	2807775	21.442 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
Target Compounds			
1) T n-Nonane (C9)	3.313	3337045	20.843 ug/ml
2) T n-Decane (C10)	4.376	3408794	21.066 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3569700	21.025 ug/ml
4) T n-Dodecane (C12)	6.392	3433989	21.095 ug/ml
5) T A~2-methylnaphthalene...	7.013	3459622	21.389 ug/ml
6) T n-Tetradecane (C14)	8.184	3386466	21.443 ug/ml
7) T n-Hexadecane (C16)	9.782	3436161	21.419 ug/ml
8) T n-Octadecane (C18)	11.219	3460445	21.606 ug/ml
10) T n-Eicosane (C20)	12.526	3264145	21.515 ug/ml
11) T n-Heneicosane (C21)	13.137	3175063	21.666 ug/ml
13) T n-Docosane (C22)	13.721	3115703	21.592 ug/ml
14) T n-Tetracosane (C24)	14.820	3034241	21.571 ug/ml
15) T n-Hexacosane (C26)	15.837	2935489	21.495 ug/ml
16) T n-Octacosane (C28)	16.783	2882992	21.797 ug/ml
17) T n-Tricontane (C30)	17.668	3010082	22.386 ug/ml
18) T n-Dotriacontane (C32)	18.498	3003938	22.498 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2895012	22.302 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2747336	22.185 ug/ml
21) T n-Octatriacontane (C38)	20.740	2701546	21.620 ug/ml
22) T n-Tetracontane (C40)	21.634	2666262	21.689 ug/ml

(f)=RT Delta > 1/2 Window

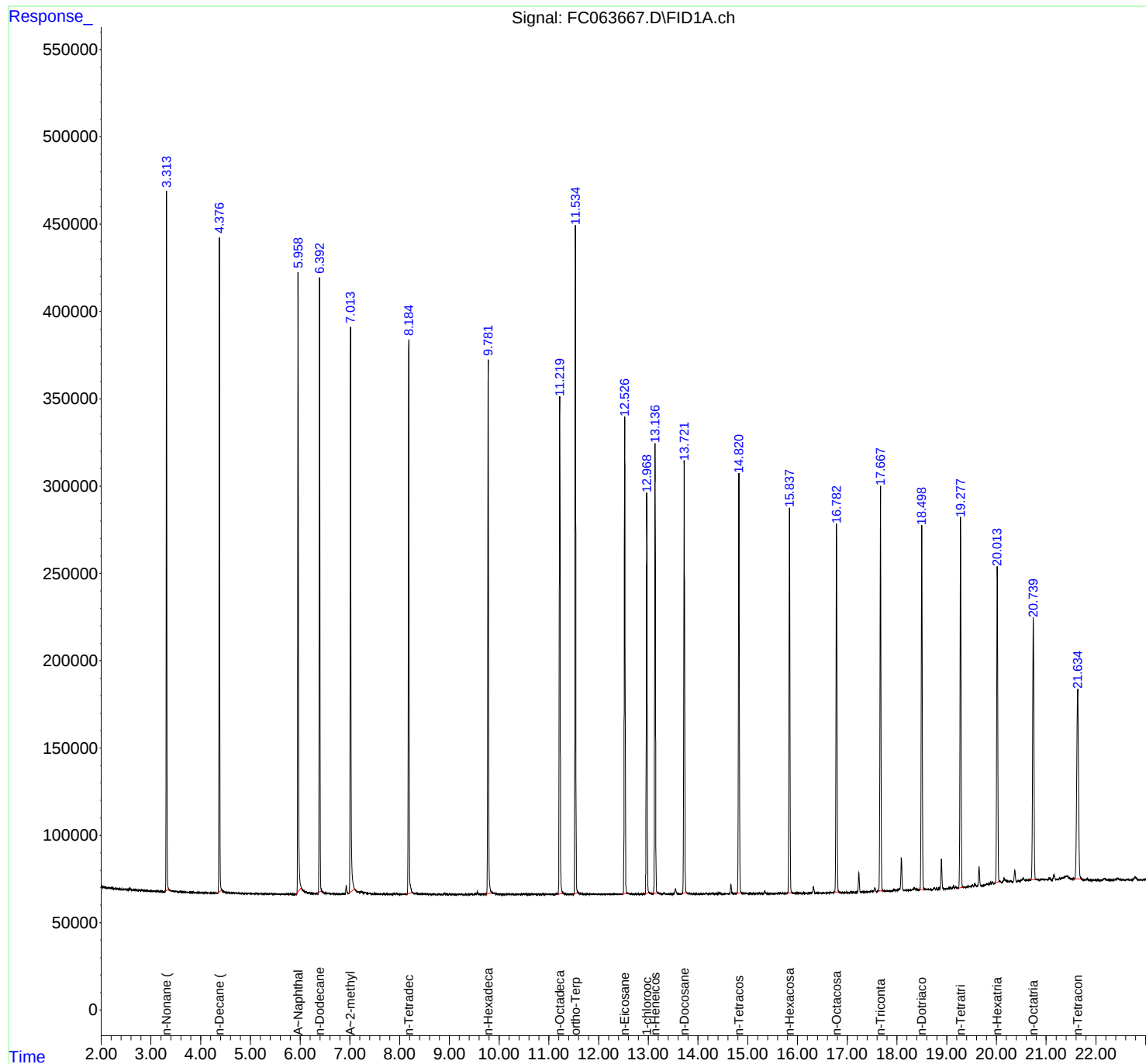
(m)=manual int.

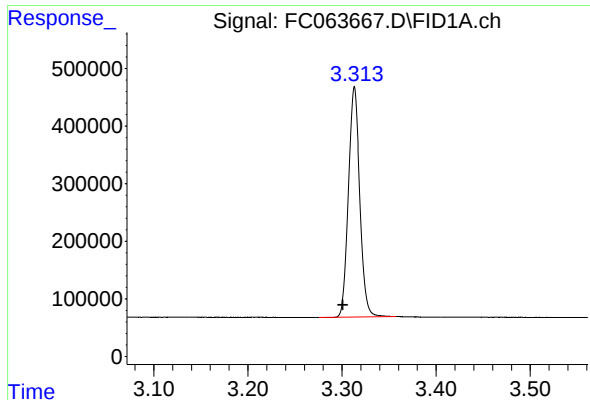
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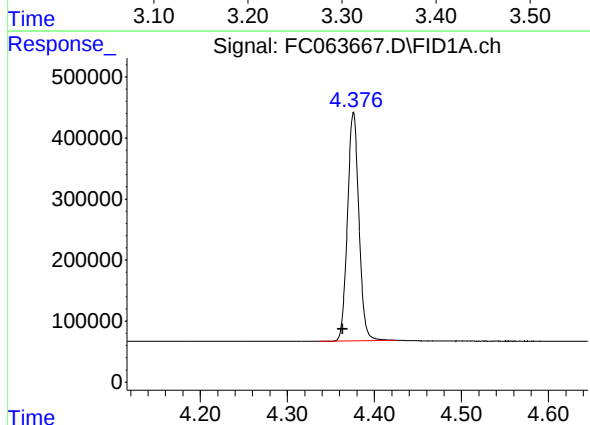




#1 n-Nonane (C9)

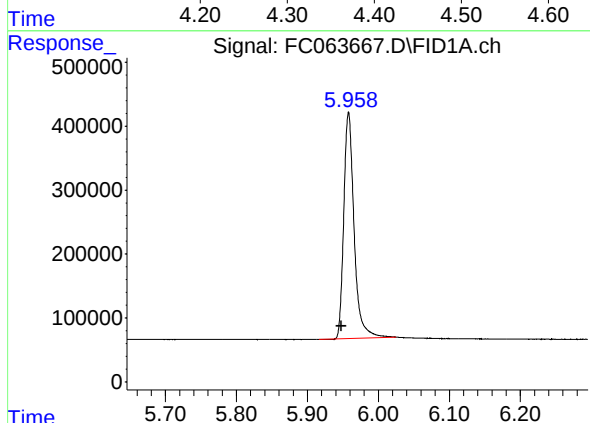
R.T.: 3.313 min
Delta R.T.: 0.012 min
Response: 3337045
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



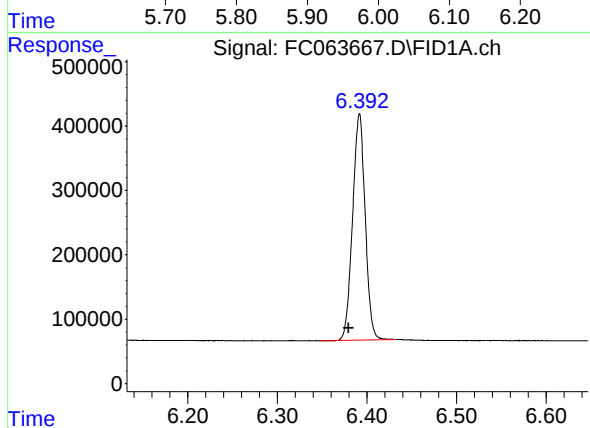
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.012 min
Response: 3408794
Conc: 21.07 ug/ml



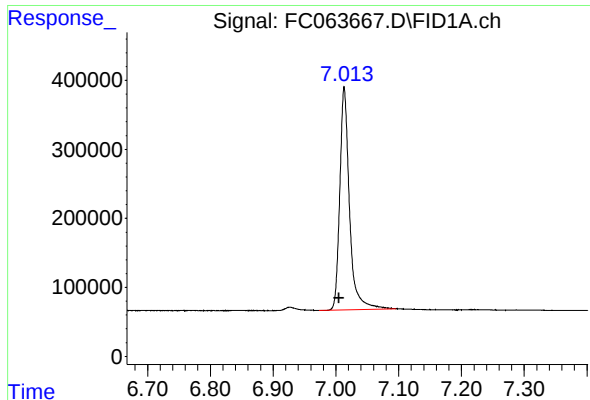
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.010 min
Response: 3569700
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

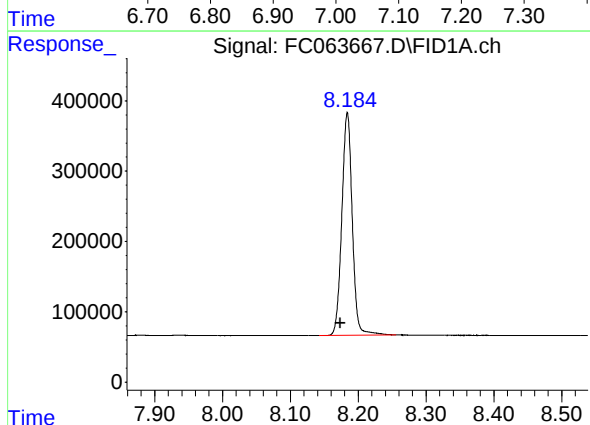
R.T.: 6.392 min
Delta R.T.: 0.012 min
Response: 3433989
Conc: 21.10 ug/ml



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

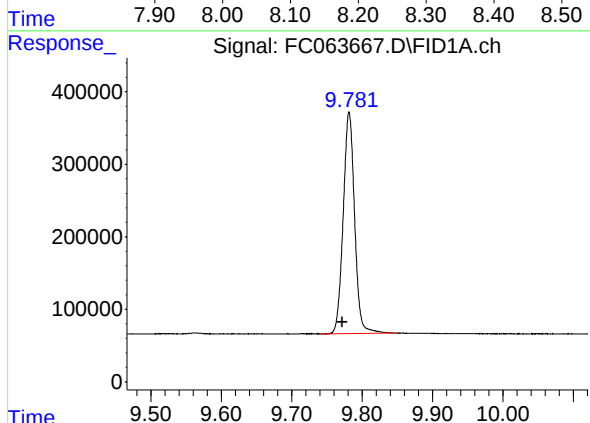
R.T.: 7.013 min
Delta R.T.: 0.009 min
Response: 3459622
Conc: 21.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



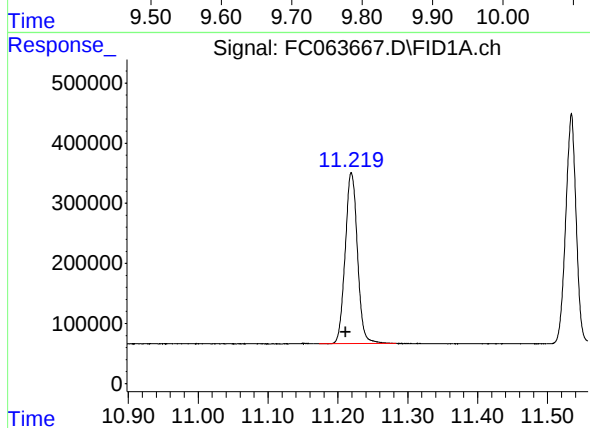
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.011 min
Response: 3386466
Conc: 21.44 ug/ml



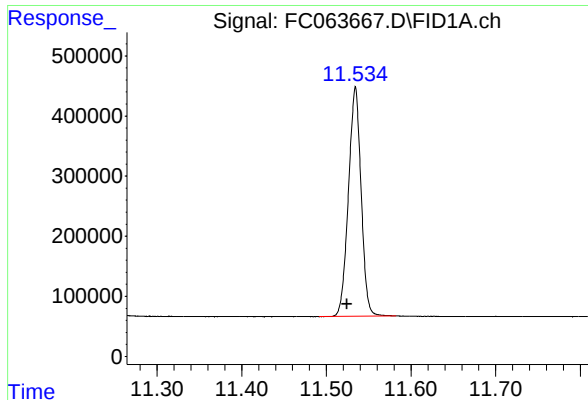
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.009 min
Response: 3436161
Conc: 21.42 ug/ml



#8 n-Octadecane (C18)

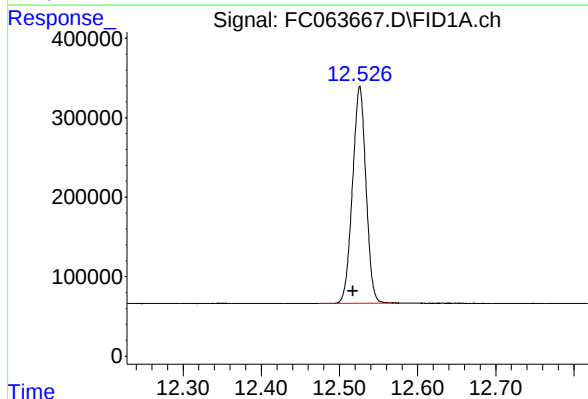
R.T.: 11.219 min
Delta R.T.: 0.008 min
Response: 3460445
Conc: 21.61 ug/ml



#9 ortho-Terphenyl (SURR)

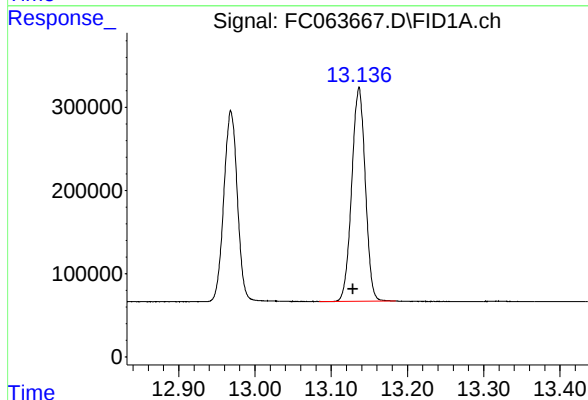
R.T.: 11.534 min
Delta R.T.: 0.010 min
Response: 3960720
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



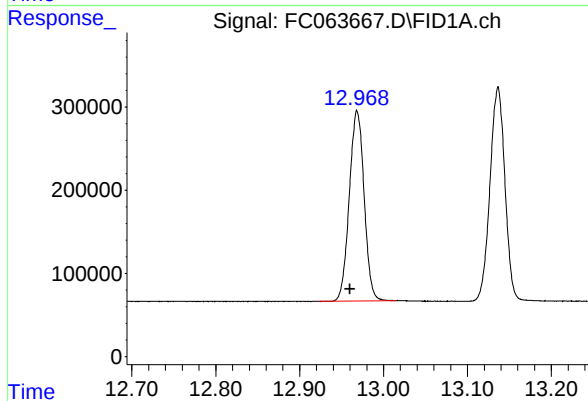
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.009 min
Response: 3264145
Conc: 21.52 ug/ml



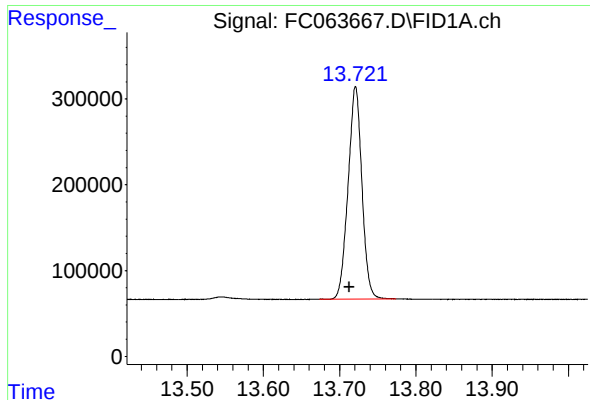
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.008 min
Response: 3175063
Conc: 21.67 ug/ml



#12 1-chlorooctadecane (SURR)

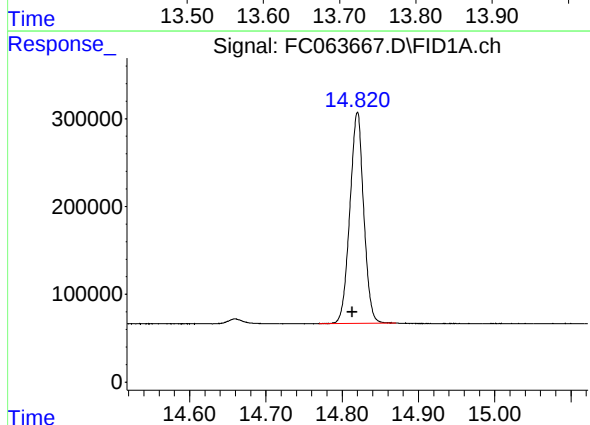
R.T.: 12.968 min
Delta R.T.: 0.008 min
Response: 2807775
Conc: 21.44 ug/ml



#13 n-Docosane (C22)

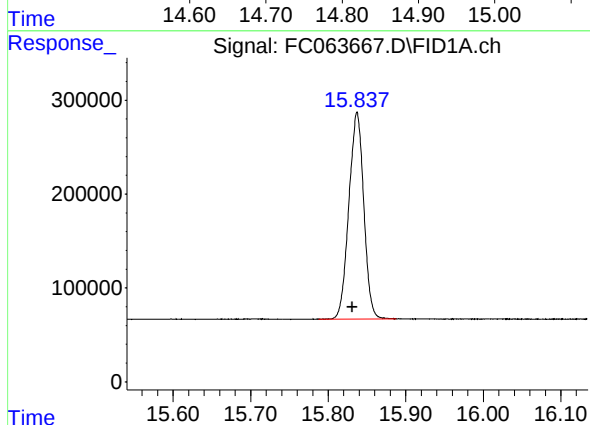
R.T.: 13.721 min
Delta R.T.: 0.008 min
Response: 3115703
Conc: 21.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



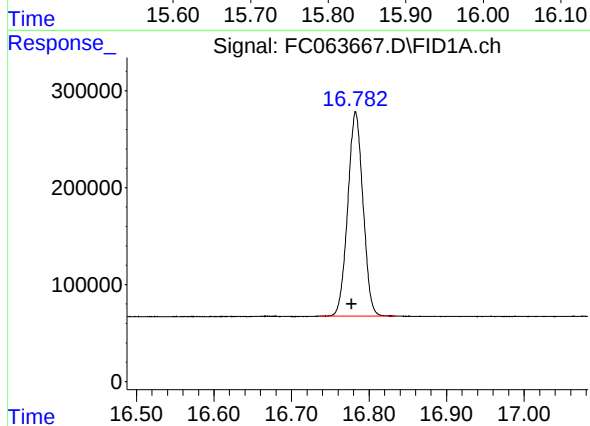
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.007 min
Response: 3034241
Conc: 21.57 ug/ml



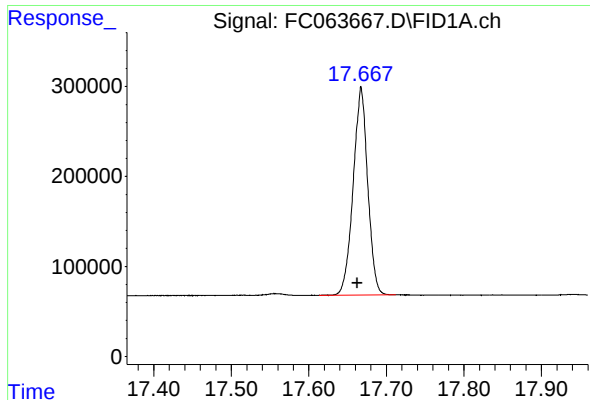
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.006 min
Response: 2935489
Conc: 21.49 ug/ml



#16 n-Octacosane (C28)

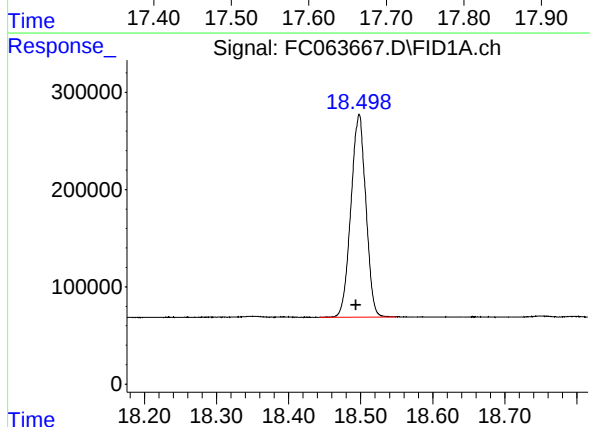
R.T.: 16.783 min
Delta R.T.: 0.005 min
Response: 2882992
Conc: 21.80 ug/ml



#17 n-Tricontane (C30)

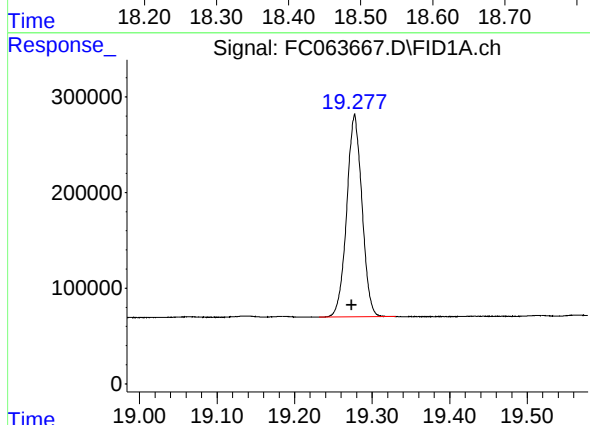
R.T.: 17.668 min
Delta R.T.: 0.005 min
Response: 3010082
Conc: 22.39 ug/ml

Instrument :
FID_C
ClientSampleId :
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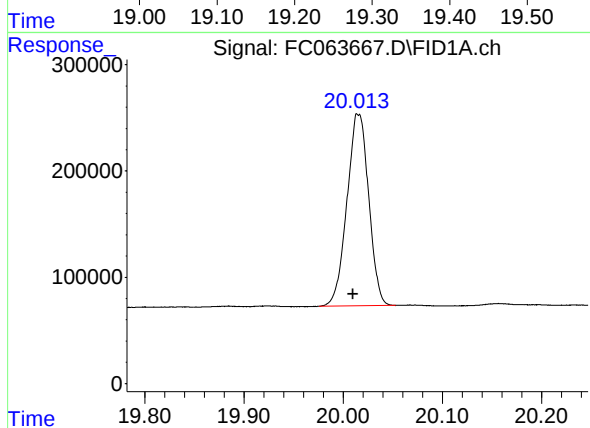
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.005 min
Response: 3003938
Conc: 22.50 ug/ml



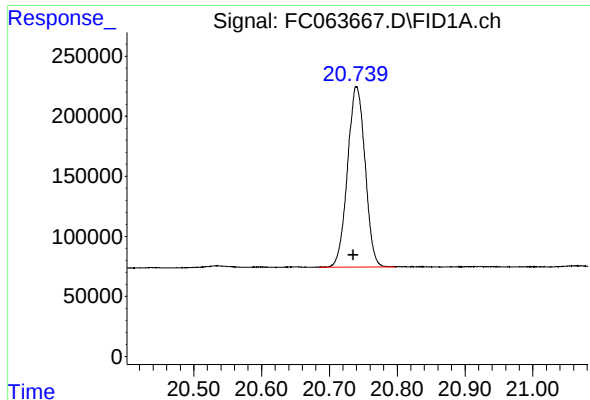
#19 n-Tetatriacontane (C34)

R.T.: 19.277 min
Delta R.T.: 0.004 min
Response: 2895012
Conc: 22.30 ug/ml



#20 n-Hexatriacontane (C36)

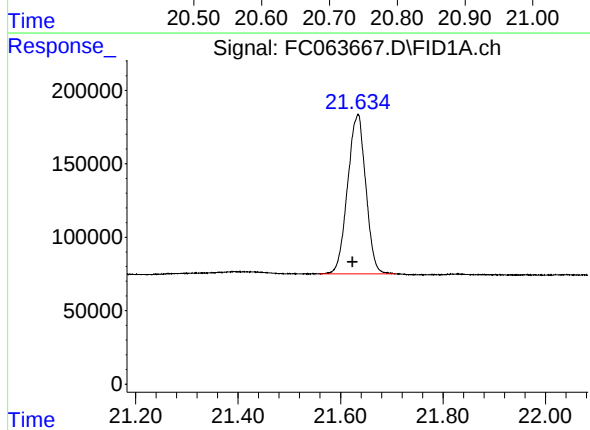
R.T.: 20.015 min
Delta R.T.: 0.005 min
Response: 2747336
Conc: 22.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.005 min
Response: 2701546
Conc: 21.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.634 min
Delta R.T.: 0.010 min
Response: 2666262
Conc: 21.69 ug/ml