

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062423AL\
 Data File : FC063982.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2023 05:01
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 25 04:01:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 03:56:00 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)	11.523	1896442	9.869 ug/ml
Spiked Amount 50.000		Recovery =	19.74%
12) S 1-chlorooctadecane (S...	12.959	1351527	9.778 ug/ml
Spiked Amount 50.000		Recovery =	19.56%
Target Compounds			
1) T n-Nonane (C9)	3.304	1702891	9.607 ug/ml
2) T n-Decane (C10)	4.367	1731003	9.611 ug/ml
3) T A~Naphthalene (C11.7)	5.950	1727805	9.218 ug/ml
4) T n-Dodecane (C12)	6.383	1726033	9.647 ug/ml
5) T A~2-methylnaphthalene...	7.006	1621149	9.125 ug/ml
6) T n-Tetradecane (C14)	8.174	1661812	9.666 ug/ml
7) T n-Hexadecane (C16)	9.772	1673837	9.713 ug/ml
8) T n-Octadecane (C18)	11.210	1673867	9.815 ug/ml
10) T n-Eicosane (C20)	12.516	1585459	9.878 ug/ml
11) T n-Heneicosane (C21)	13.126	1541074	9.866 ug/ml
13) T n-Docosane (C22)	13.711	1519847	9.857 ug/ml
14) T n-Tetracosane (C24)	14.811	1497750	9.862 ug/ml
15) T n-Hexacosane (C26)	15.830	1464974	9.846 ug/ml
16) T n-Octacosane (C28)	16.775	1450623	9.905 ug/ml
17) T n-Tricontane (C30)	17.659	1525610	10.123 ug/ml
18) T n-Dotriacontane (C32)	18.491	1540656	10.253 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1507685	10.182 ug/ml
20) T n-Hexatriacontane (C36)	20.009	1449251	10.077 ug/ml
21) T n-Octatriacontane (C38)	20.734	1453693	10.042 ug/ml
22) T n-Tetracontane (C40)	21.621	1428085	9.930 ug/ml

(f)=RT Delta > 1/2 Window

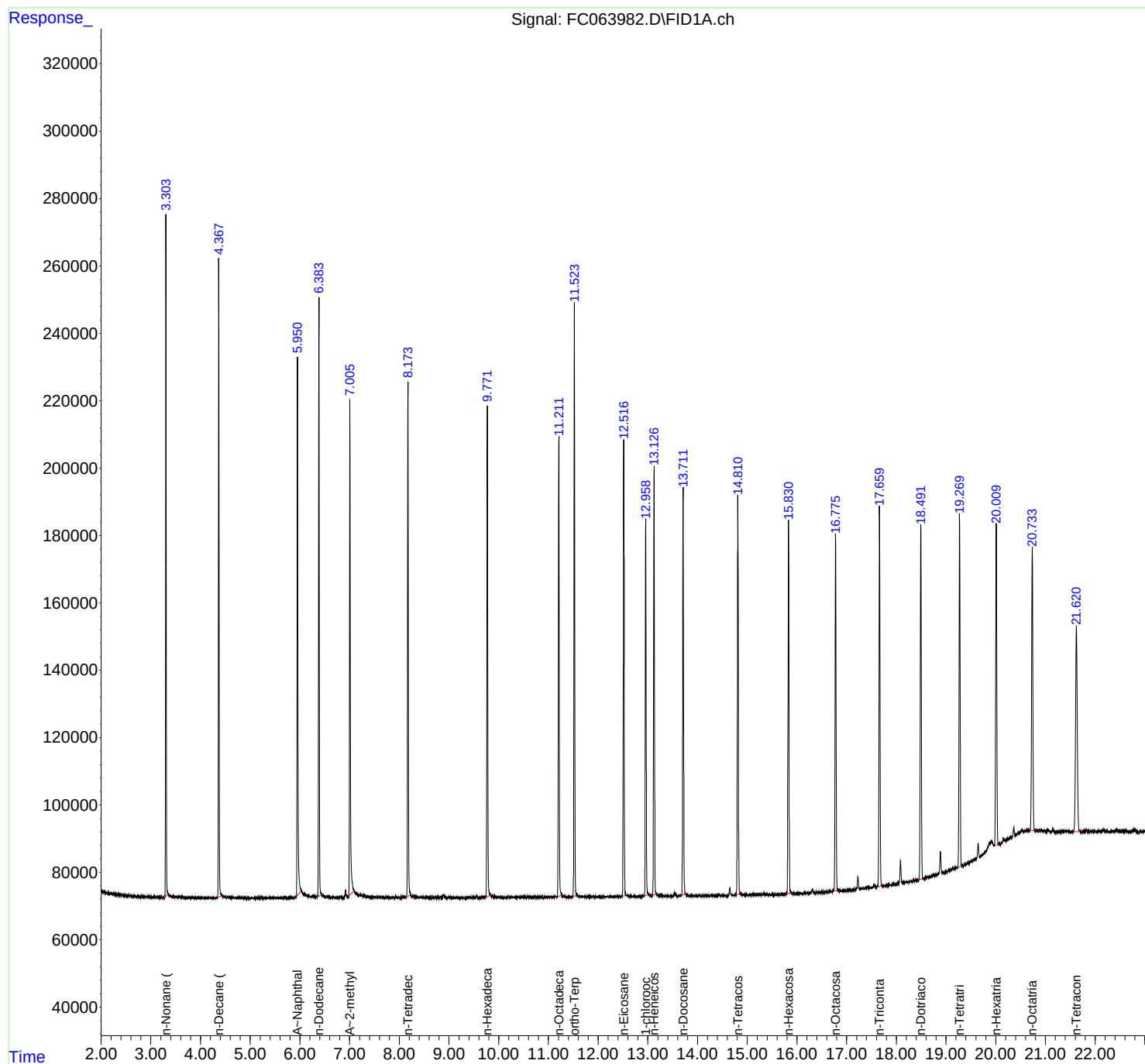
(m)=manual int.

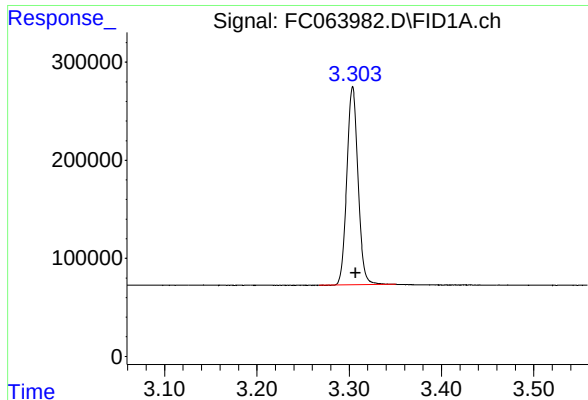
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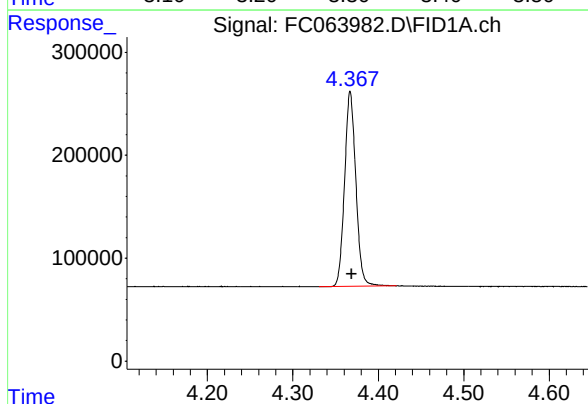




#1 n-Nonane (C9)

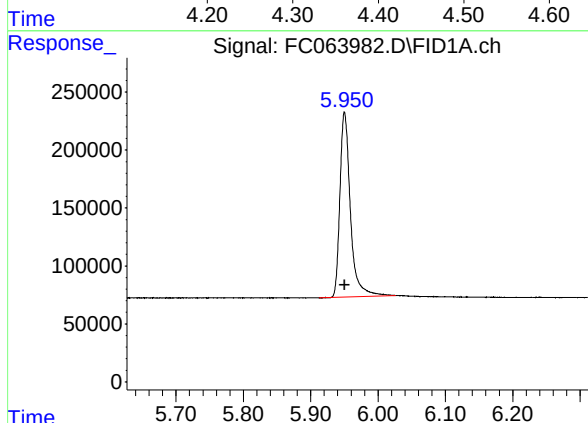
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 1702891
Conc: 9.61 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



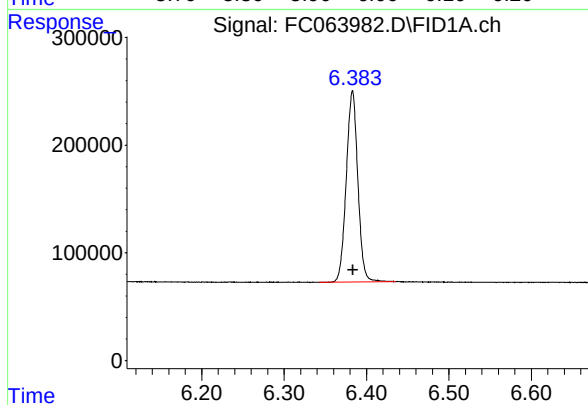
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 1731003
Conc: 9.61 ug/ml



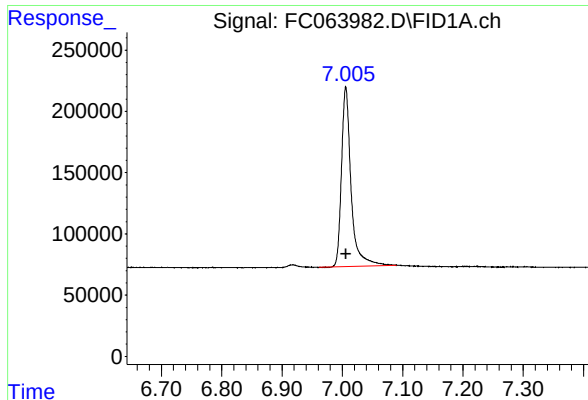
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 1727805
Conc: 9.22 ug/ml



#4 n-Dodecane (C12)

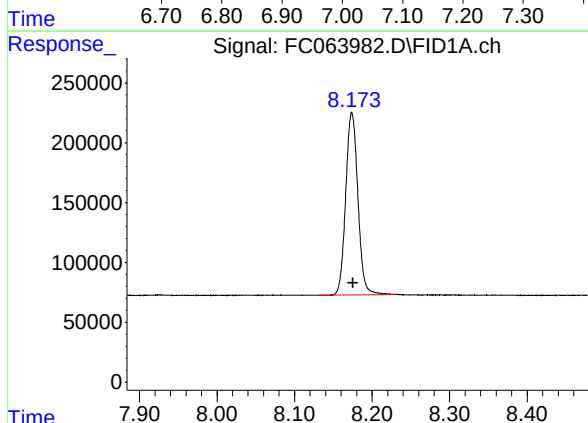
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 1726033
Conc: 9.65 ug/ml



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

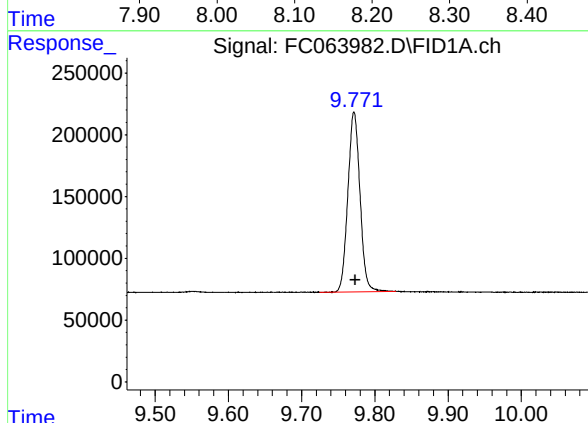
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 1621149
Conc: 9.12 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



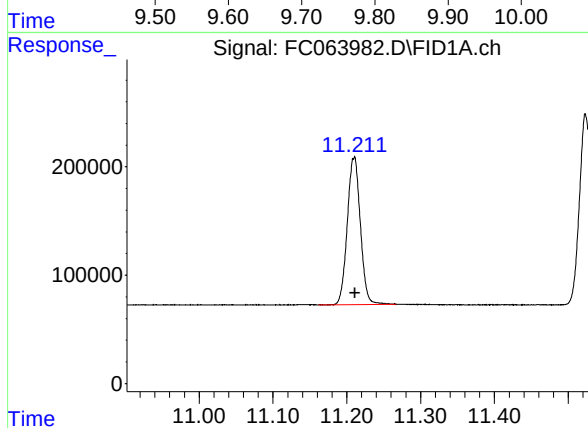
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 1661812
Conc: 9.67 ug/ml



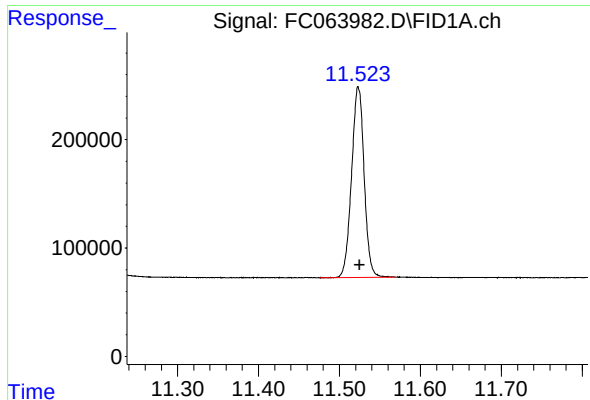
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.002 min
Response: 1673837
Conc: 9.71 ug/ml



#8 n-Octadecane (C18)

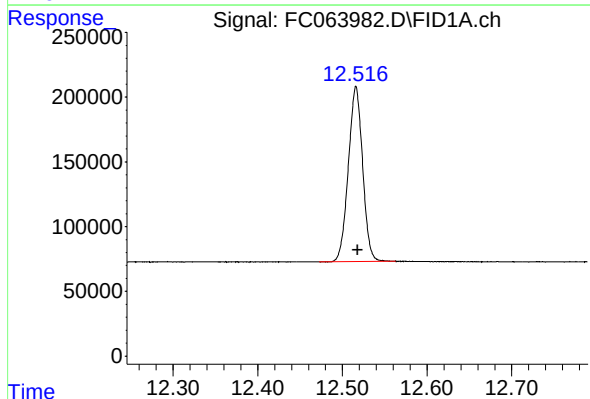
R.T.: 11.210 min
Delta R.T.: -0.001 min
Response: 1673867
Conc: 9.81 ug/ml



#9 ortho-Terphenyl (SURR)

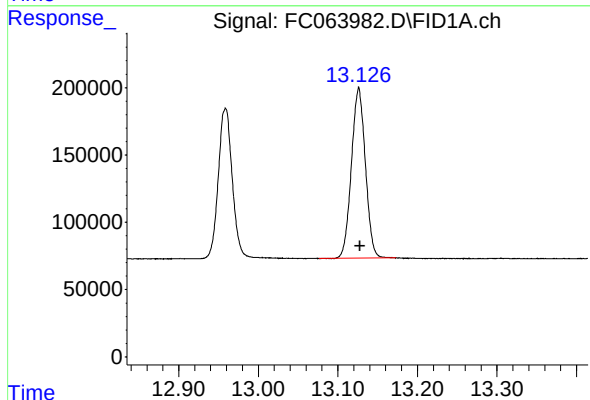
R.T.: 11.523 min
Delta R.T.: -0.002 min
Response: 1896442
Conc: 9.87 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



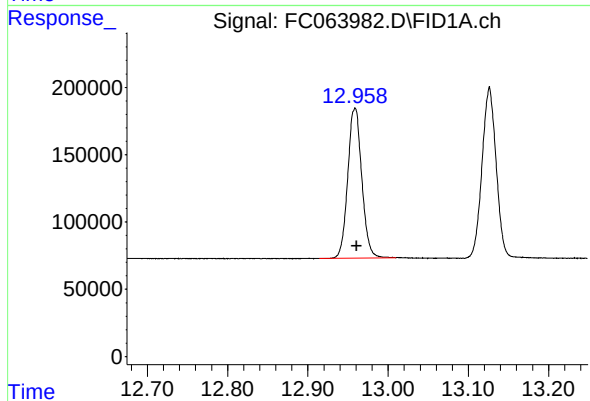
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.002 min
Response: 1585459
Conc: 9.88 ug/ml



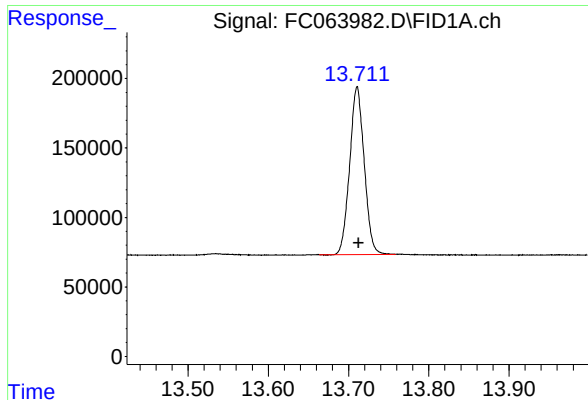
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.002 min
Response: 1541074
Conc: 9.87 ug/ml



#12 1-chlorooctadecane (SURR)

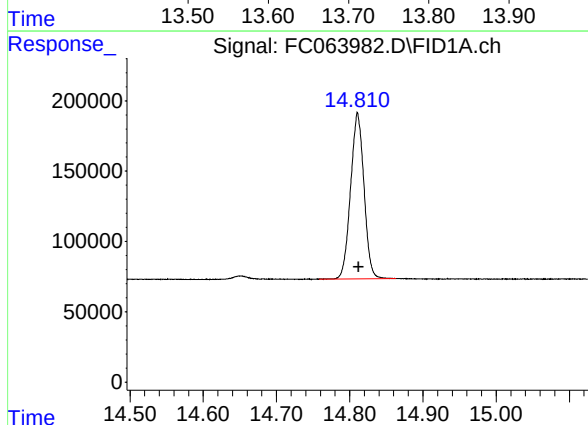
R.T.: 12.959 min
Delta R.T.: -0.002 min
Response: 1351527
Conc: 9.78 ug/ml



#13 n-Docosane (C22)

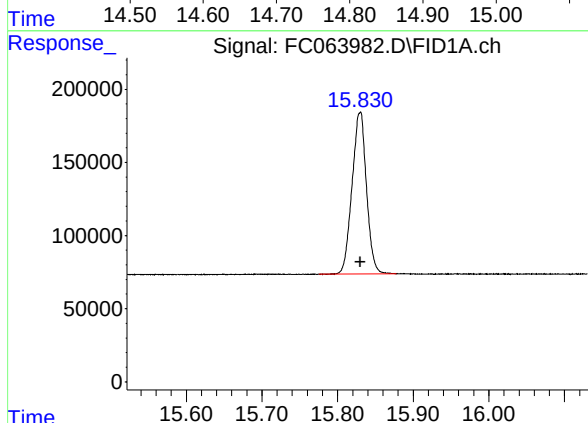
R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 1519847
Conc: 9.86 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



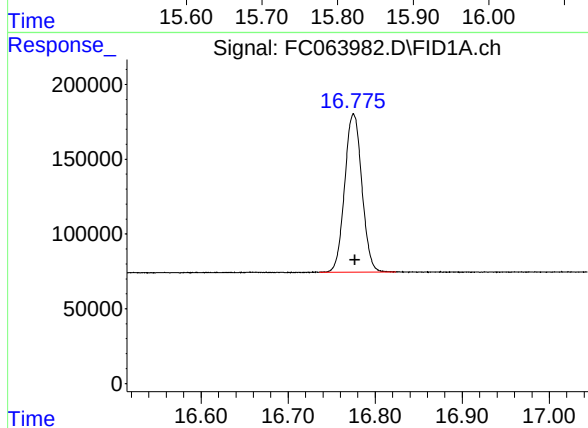
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.001 min
Response: 1497750
Conc: 9.86 ug/ml



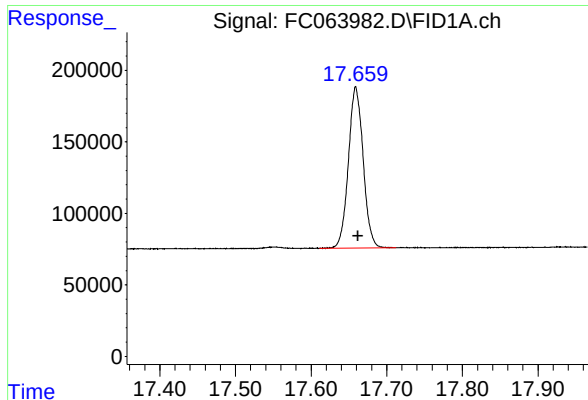
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: 0.000 min
Response: 1464974
Conc: 9.85 ug/ml



#16 n-Octacosane (C28)

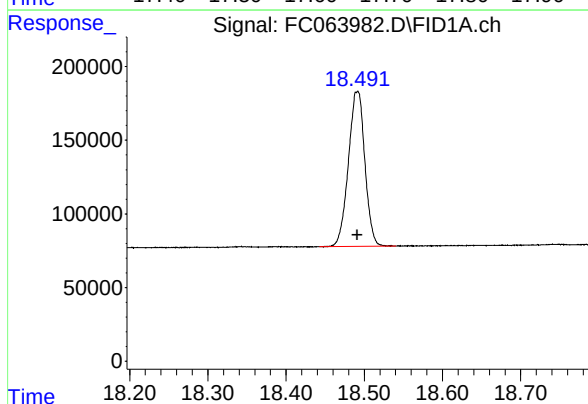
R.T.: 16.775 min
Delta R.T.: -0.002 min
Response: 1450623
Conc: 9.91 ug/ml



#17 n-Tricontane (C30)

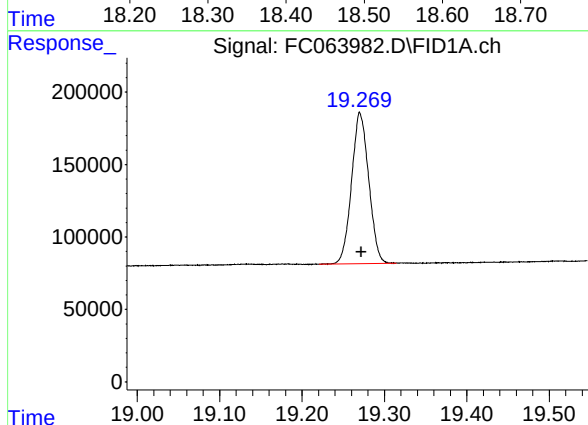
R.T.: 17.659 min
Delta R.T.: -0.003 min
Response: 1525610
Conc: 10.12 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



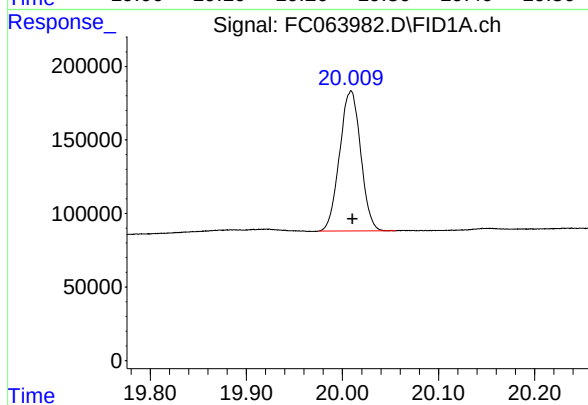
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 1540656
Conc: 10.25 ug/ml



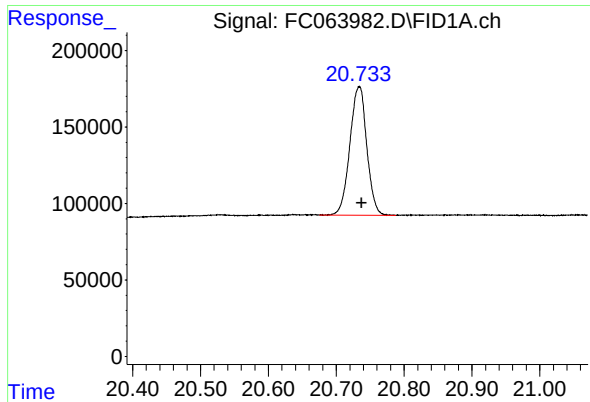
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.002 min
Response: 1507685
Conc: 10.18 ug/ml



#20 n-Hexatriacontane (C36)

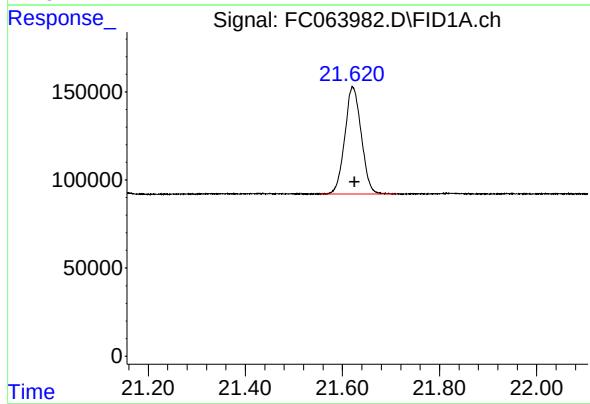
R.T.: 20.009 min
Delta R.T.: -0.002 min
Response: 1449251
Conc: 10.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.003 min
Response: 1453693
Conc: 10.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.004 min
Response: 1428085
Conc: 9.93 ug/ml