

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111524AL\
 Data File : FC067770.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2024 10:16
 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: Nov 16 08:19:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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)	11.489	3915314	20.195 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	12.928	2940417	20.256 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T n-Nonane (C9)	3.272	3241367	19.872 ug/ml
2) T n-Decane (C10)	4.334	3306664	19.940 ug/ml
3) T A~Naphthalene (C11.7)	5.910	3661615	19.992 ug/ml
4) T n-Dodecane (C12)	6.348	3379959	20.068 ug/ml
5) T A~2-methylnaphthalene...	6.964	3567561	20.116 ug/ml
6) T n-Tetradecane (C14)	8.140	3378670	20.175 ug/ml
7) T n-Hexadecane (C16)	9.738	3510824	20.259 ug/ml
8) T n-Octadecane (C18)	11.179	3577492	20.334 ug/ml
10) T n-Eicosane (C20)	12.485	3423101	20.329 ug/ml
11) T n-Heneicosane (C21)	13.096	3336548	20.278 ug/ml
13) T n-Docosane (C22)	13.681	3288821	20.195 ug/ml
14) T n-Tetracosane (C24)	14.783	3174999	19.796 ug/ml
15) T n-Hexacosane (C26)	15.802	3024802	19.532 ug/ml
16) T n-Octacosane (C28)	16.750	2880744	19.075 ug/ml
17) T n-Tricontane (C30)	17.636	2819745	18.417 ug/ml
18) T n-Dotriacontane (C32)	18.466	2686140	18.188 ug/ml
19) T n-Tetratriacontane (C34)	19.248	2321636	18.407 ug/ml
20) T n-Hexatriacontane (C36)	19.987	1981179	18.943 ug/ml
21) T n-Octatriacontane (C38)	20.709	1865993	19.102 ug/ml
22) T n-Tetracontane (C40)	21.593	2110080	21.649 ug/ml

(f)=RT Delta > 1/2 Window

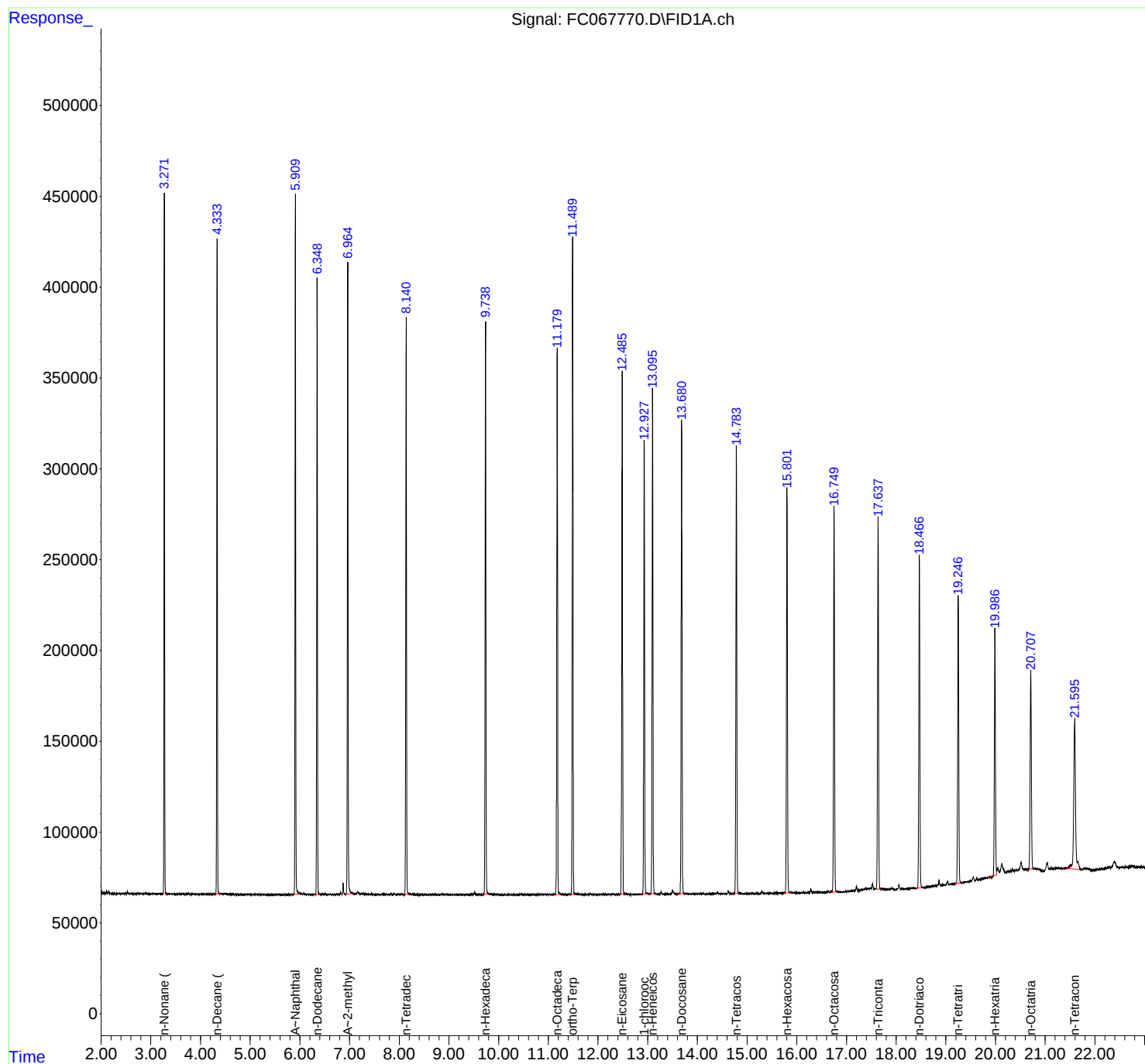
(m)=manual int.

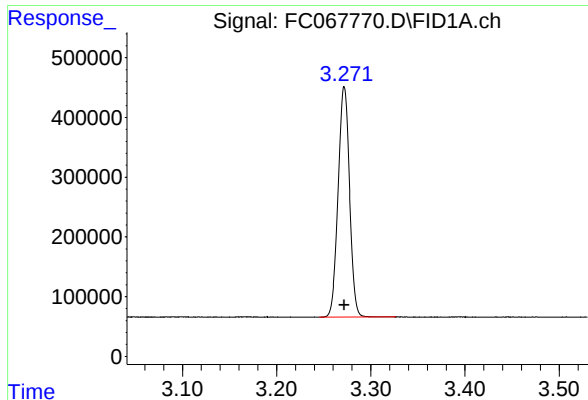
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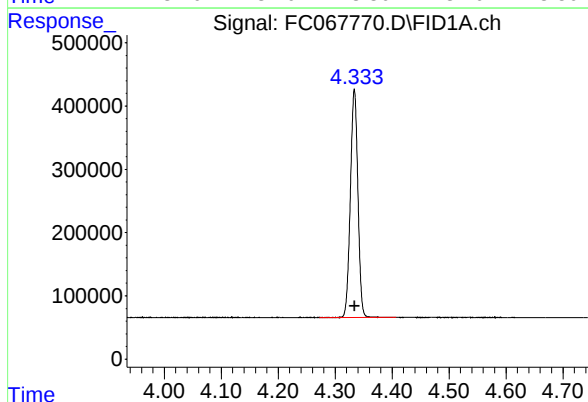




#1 n-Nonane (C9)

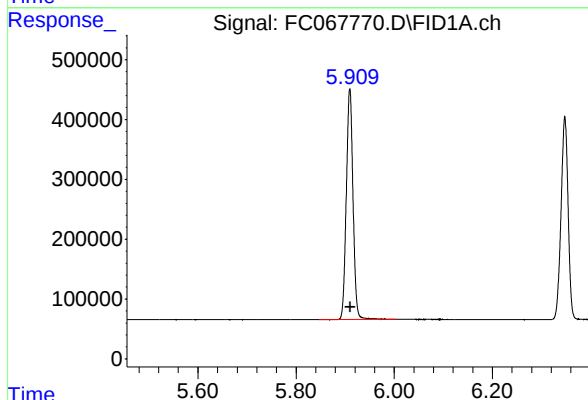
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 3241367
Conc: 19.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



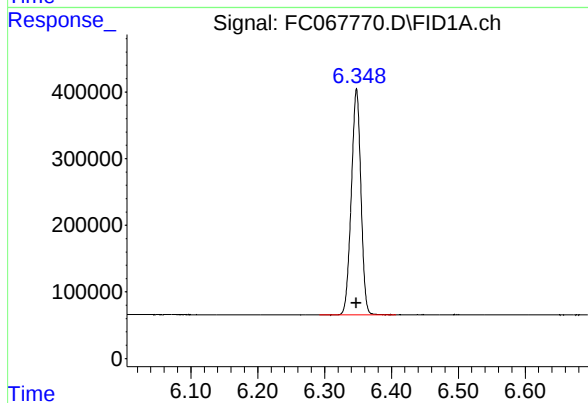
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 3306664
Conc: 19.94 ug/ml



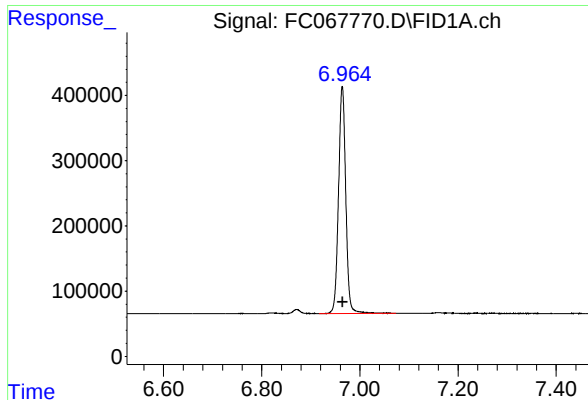
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.001 min
Response: 3661615
Conc: 19.99 ug/ml



#4 n-Dodecane (C12)

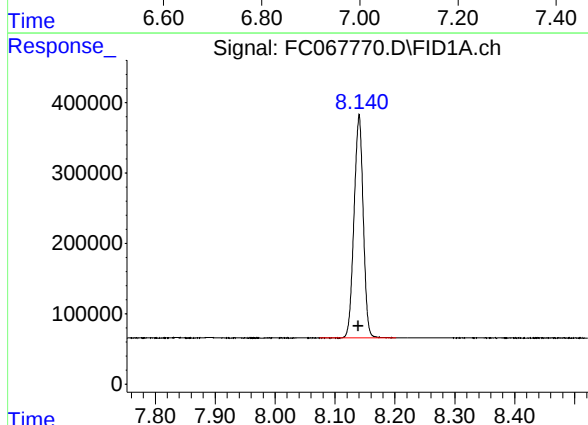
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 3379959
Conc: 20.07 ug/ml



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

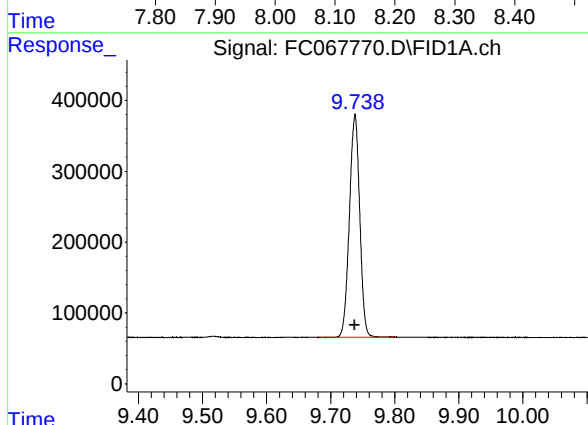
R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 3567561
Conc: 20.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



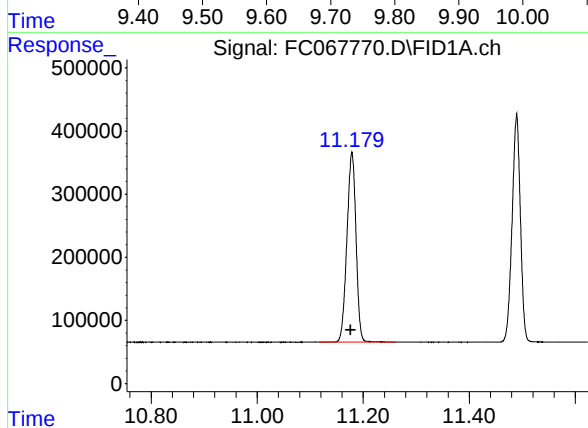
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: 0.001 min
Response: 3378670
Conc: 20.17 ug/ml



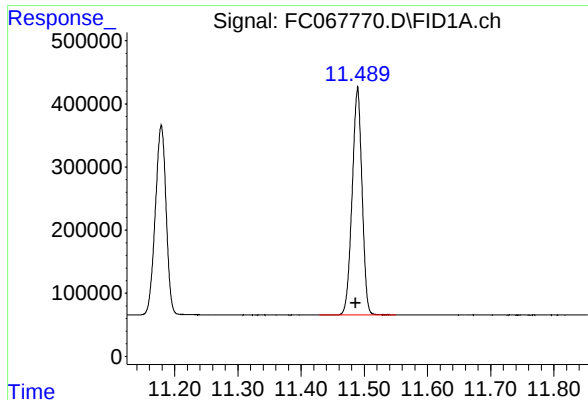
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: 0.000 min
Response: 3510824
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

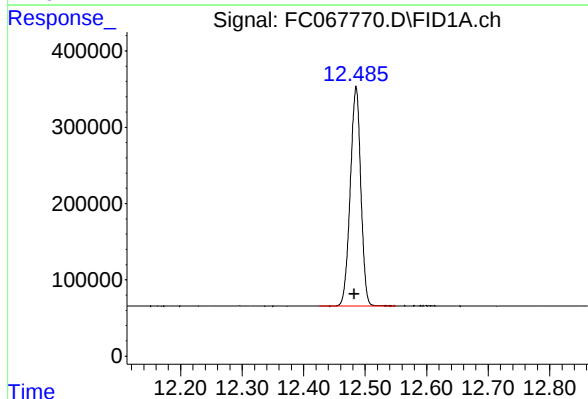
R.T.: 11.179 min
Delta R.T.: 0.002 min
Response: 3577492
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

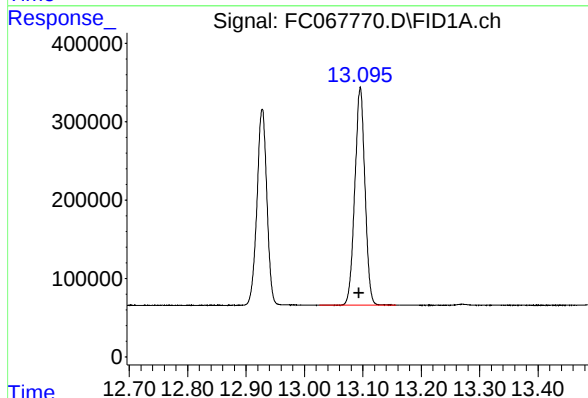
R.T.: 11.489 min
Delta R.T.: 0.003 min
Response: 3915314
Conc: 20.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



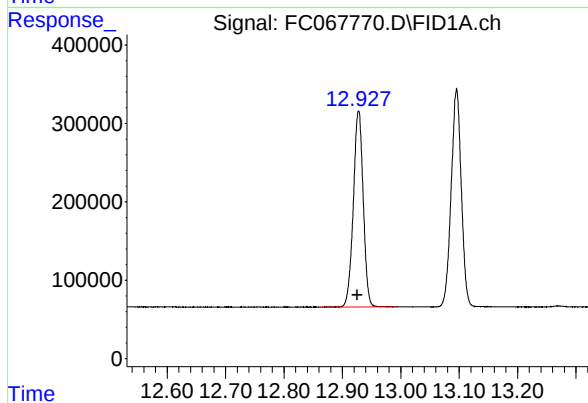
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: 0.003 min
Response: 3423101
Conc: 20.33 ug/ml



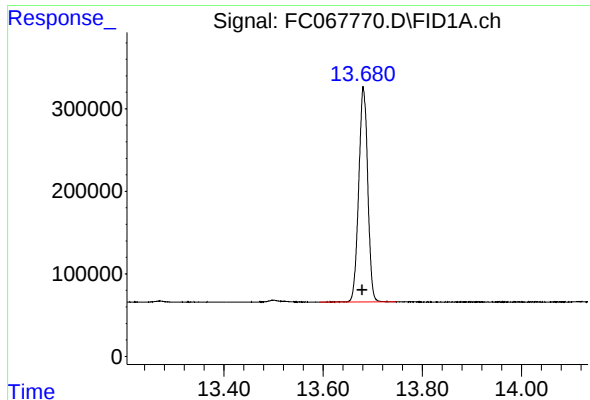
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 3336548
Conc: 20.28 ug/ml



#12 1-chlorooctadecane (SURR)

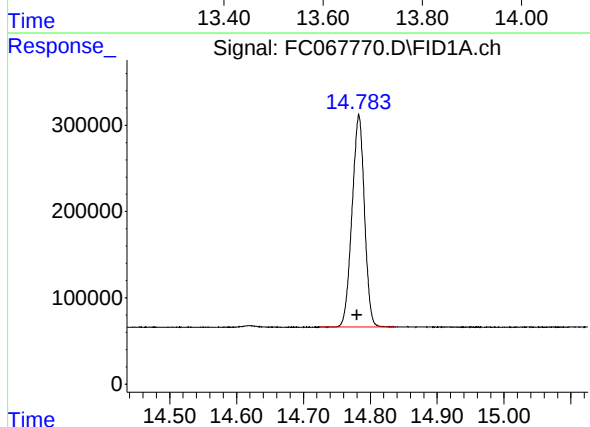
R.T.: 12.928 min
Delta R.T.: 0.002 min
Response: 2940417
Conc: 20.26 ug/ml



#13 n-Docosane (C22)

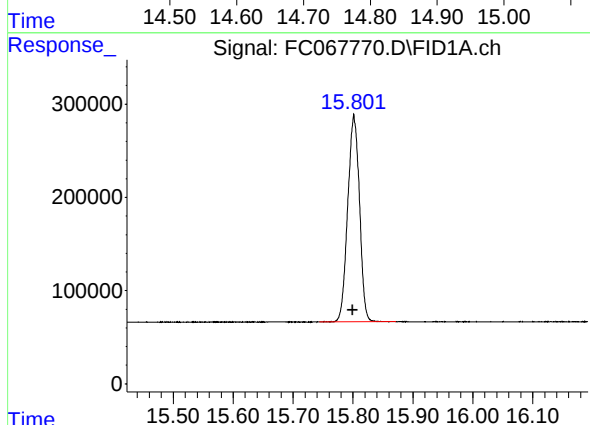
R.T.: 13.681 min
Delta R.T.: 0.003 min
Response: 3288821
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



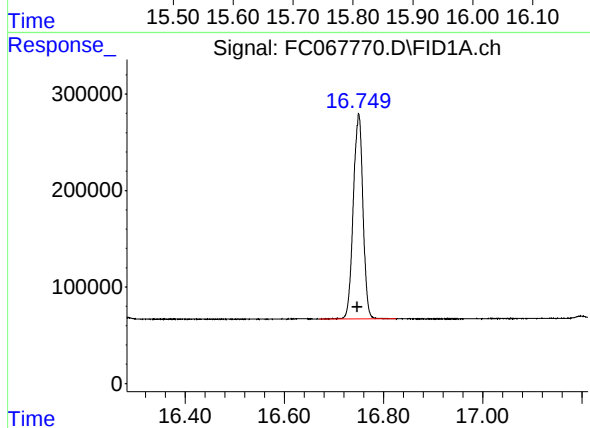
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.003 min
Response: 3174999
Conc: 19.80 ug/ml



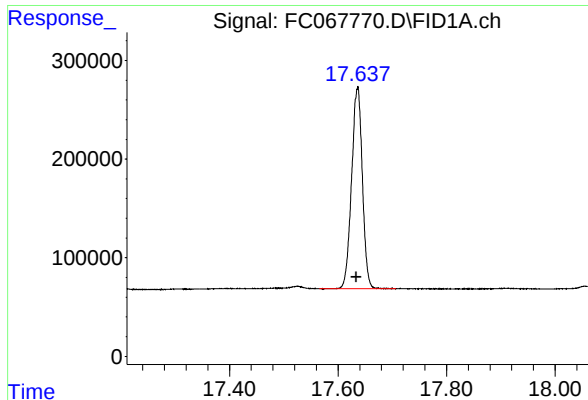
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: 0.002 min
Response: 3024802
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

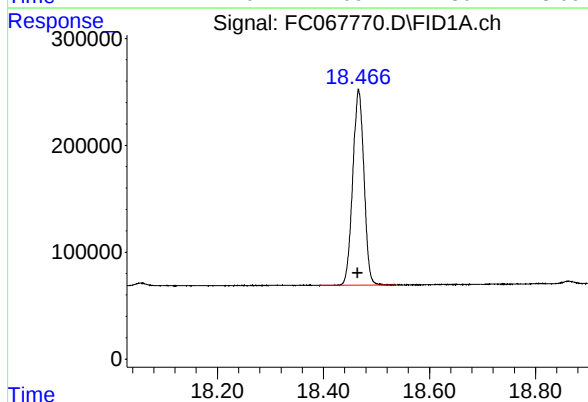
R.T.: 16.750 min
Delta R.T.: 0.003 min
Response: 2880744
Conc: 19.07 ug/ml



#17 n-Tricontane (C30)

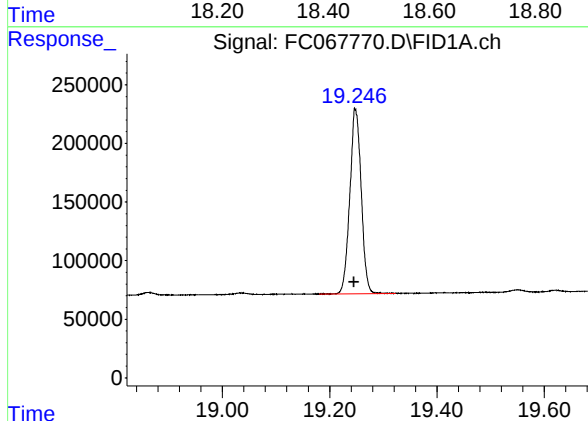
R.T.: 17.636 min
Delta R.T.: 0.002 min
Response: 2819745
Conc: 18.42 ug/ml

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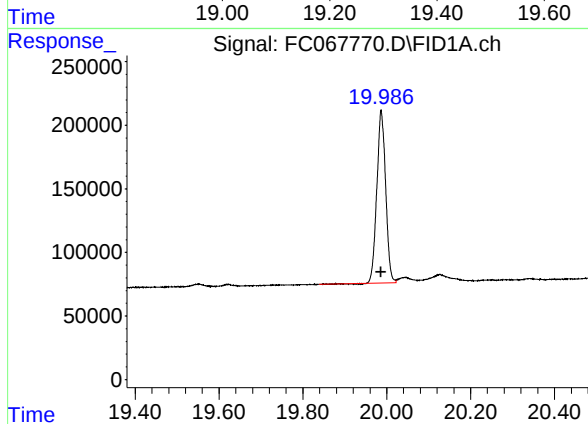
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: 0.002 min
Response: 2686140
Conc: 18.19 ug/ml



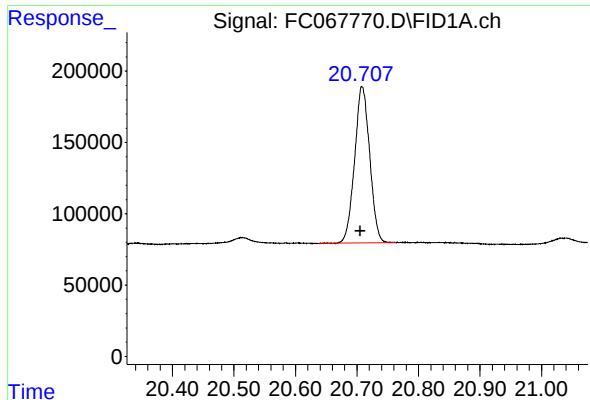
#19 n-Tetatriacontane (C34)

R.T.: 19.248 min
Delta R.T.: 0.003 min
Response: 2321636
Conc: 18.41 ug/ml



#20 n-Hexatriacontane (C36)

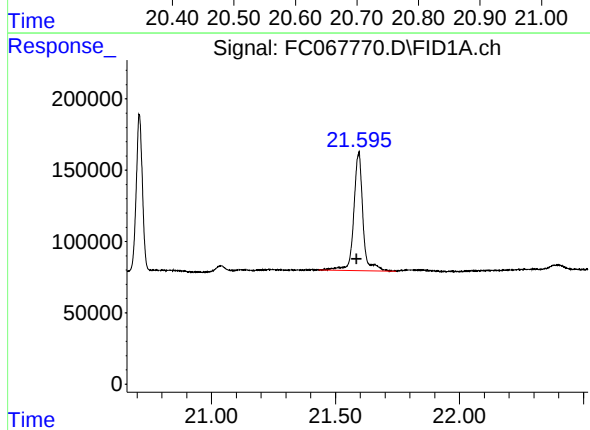
R.T.: 19.987 min
Delta R.T.: 0.000 min
Response: 1981179
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.003 min
Response: 1865993
Conc: 19.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.008 min
Response: 2110080
Conc: 21.65 ug/ml