

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111424AL\
 Data File : FC067749.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 11:15
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 14 12:33:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 12:28:54 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)	11.494	9494610	50.676 ug/ml
Spiked Amount 50.000		Recovery =	101.35%
12) S 1-chlorooctadecane (S...	12.930	7061712	50.610 ug/ml
Spiked Amount 50.000		Recovery =	101.22%
Target Compounds			
1) T n-Nonane (C9)	3.274	8066160	50.743 ug/ml
2) T n-Decane (C10)	4.337	8240656	50.807 ug/ml
3) T A~Naphthalene (C11.7)	5.913	9139963	50.883 ug/ml
4) T n-Dodecane (C12)	6.351	8359779	50.778 ug/ml
5) T A~2-methylnaphthalene...	6.968	8894913	50.829 ug/ml
6) T n-Tetradecane (C14)	8.143	8337977	50.884 ug/ml
7) T n-Hexadecane (C16)	9.741	8613564	50.934 ug/ml
8) T n-Octadecane (C18)	11.182	8636330	50.778 ug/ml
10) T n-Eicosane (C20)	12.488	8156976	50.643 ug/ml
11) T n-Heneicosane (C21)	13.099	7940079	50.561 ug/ml
13) T n-Docosane (C22)	13.684	7804830	50.450 ug/ml
14) T n-Tetracosane (C24)	14.786	7604012	50.362 ug/ml
15) T n-Hexacosane (C26)	15.804	7328788	50.272 ug/ml
16) T n-Octacosane (C28)	16.752	7090853	50.146 ug/ml
17) T n-Tricontane (C30)	17.638	7057449	49.792 ug/ml
18) T n-Dotriacontane (C32)	18.468	6727381	49.693 ug/ml
19) T n-Tetratriacontane (C34)	19.251	5796180	49.607 ug/ml
20) T n-Hexatriacontane (C36)	19.987	5004110	50.366 ug/ml
21) T n-Octatriacontane (C38)	20.710	4618407	49.814 ug/ml
22) T n-Tetracontane (C40)	21.592	4672813	49.433 ug/ml

(f)=RT Delta > 1/2 Window

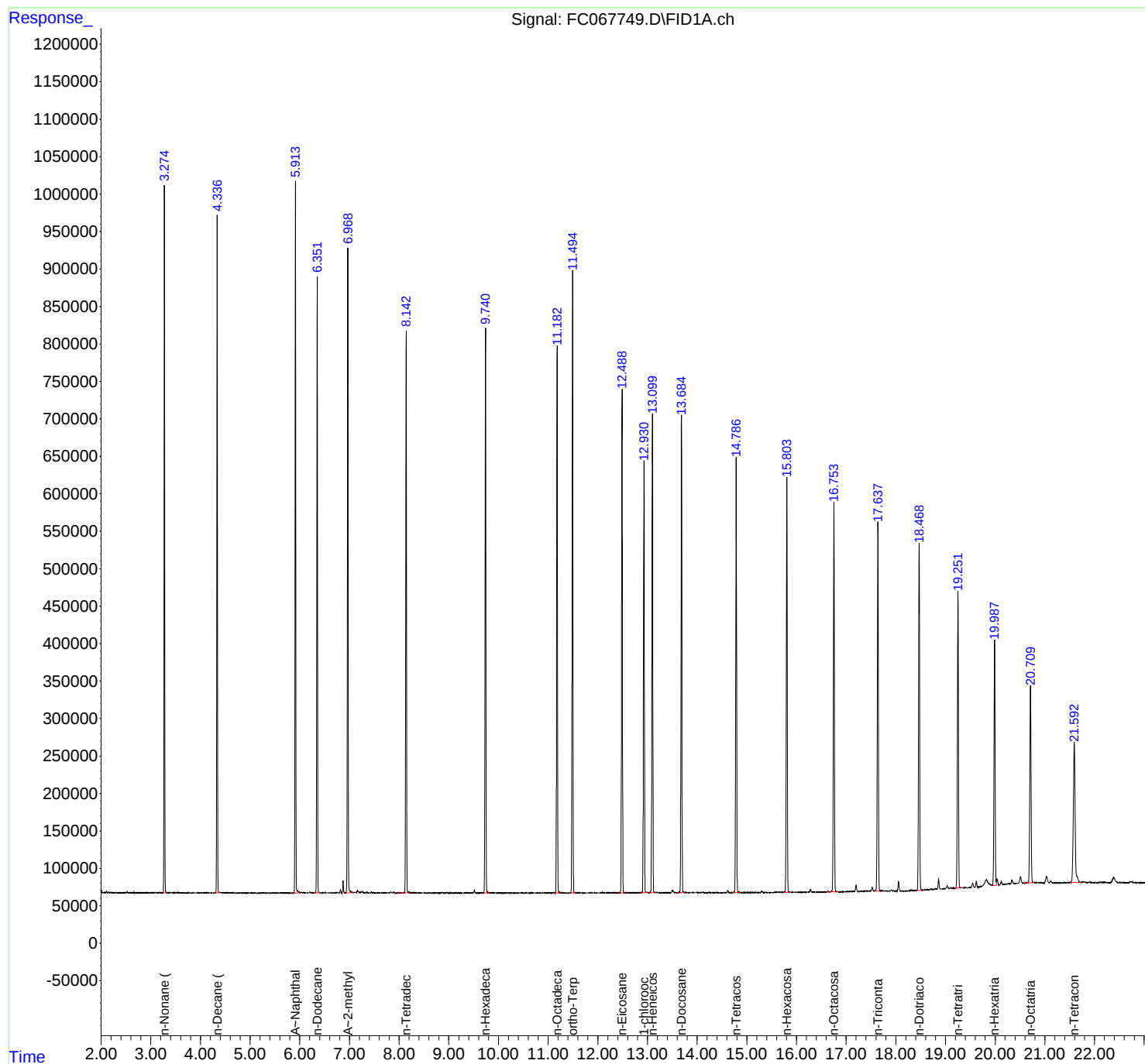
(m)=manual int.

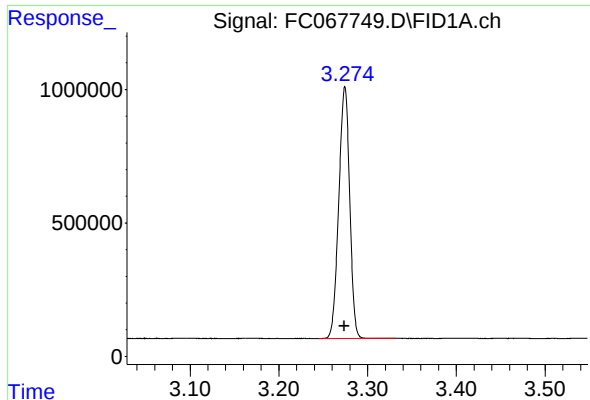
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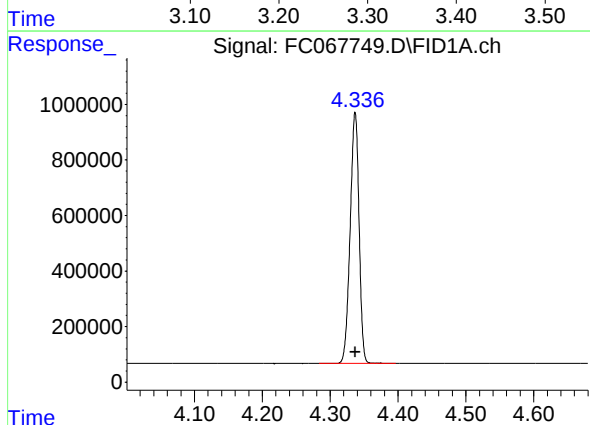




#1 n-Nonane (C9)

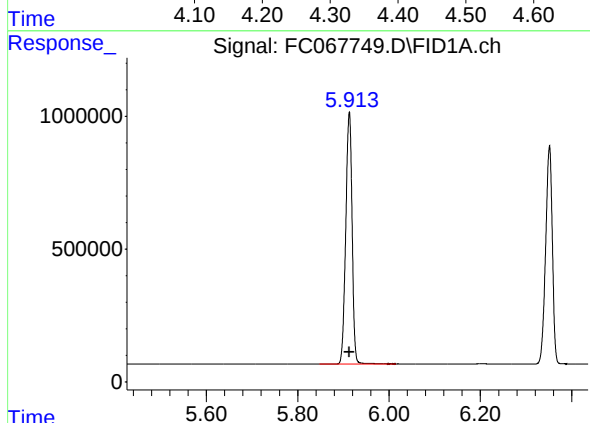
R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 8066160
Conc: 50.74 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



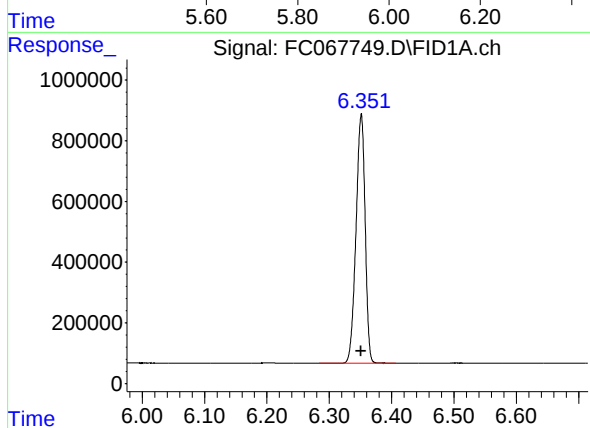
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 8240656
Conc: 50.81 ug/ml



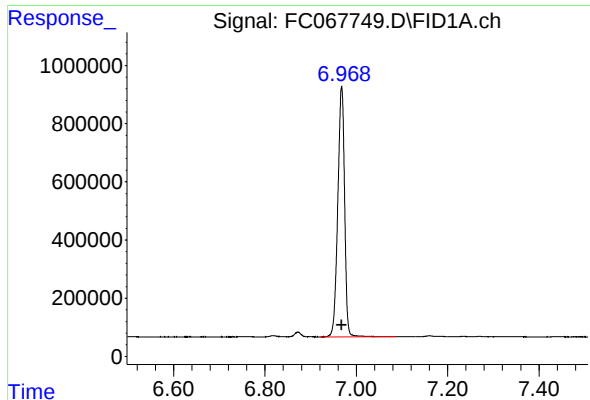
#3 A~Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 9139963
Conc: 50.88 ug/ml



#4 n-Dodecane (C12)

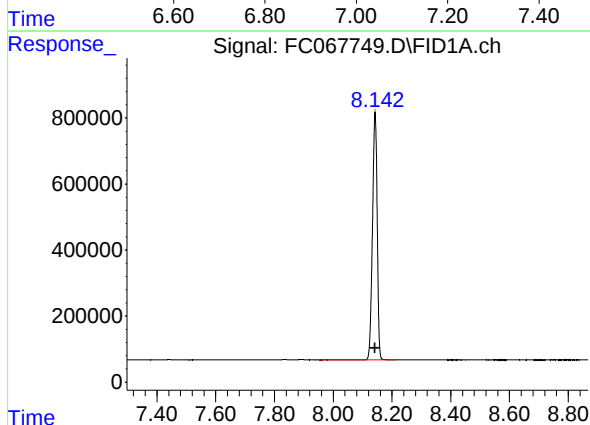
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 8359779
Conc: 50.78 ug/ml



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

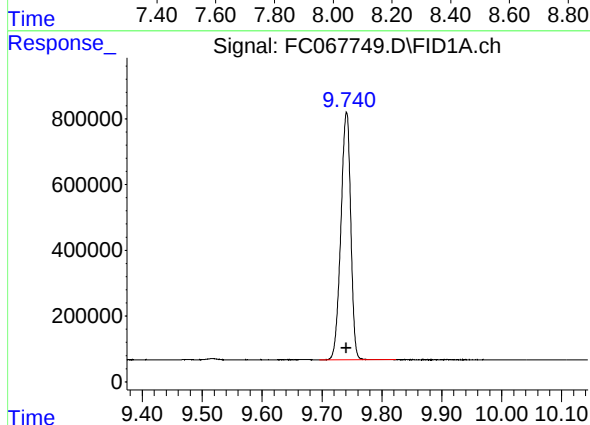
R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 8894913
Conc: 50.83 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



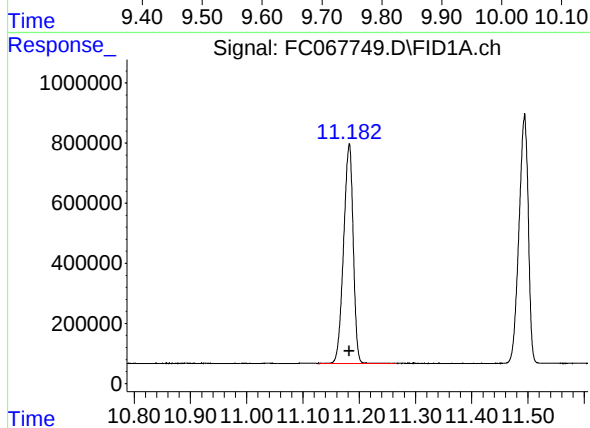
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 8337977
Conc: 50.88 ug/ml



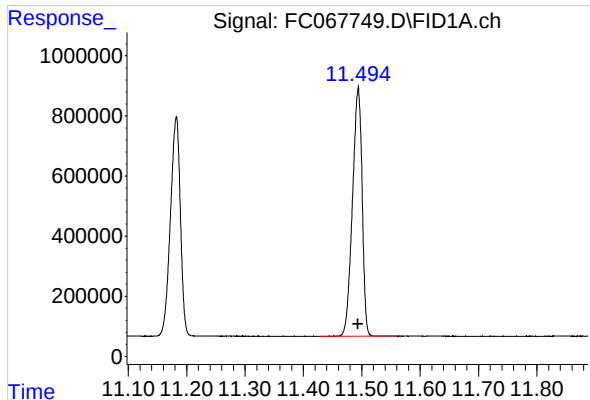
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: 0.000 min
Response: 8613564
Conc: 50.93 ug/ml



#8 n-Octadecane (C18)

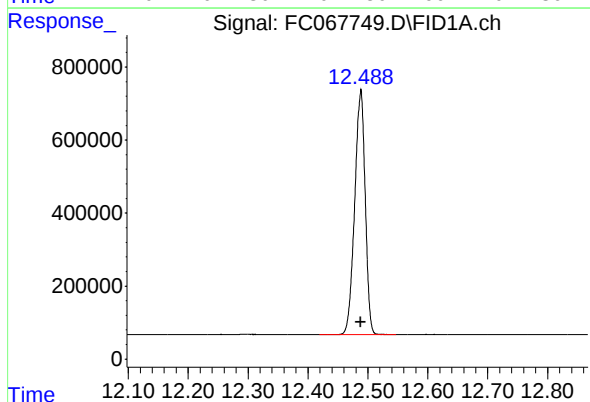
R.T.: 11.182 min
Delta R.T.: 0.000 min
Response: 8636330
Conc: 50.78 ug/ml



#9 ortho-Terphenyl (SURR)

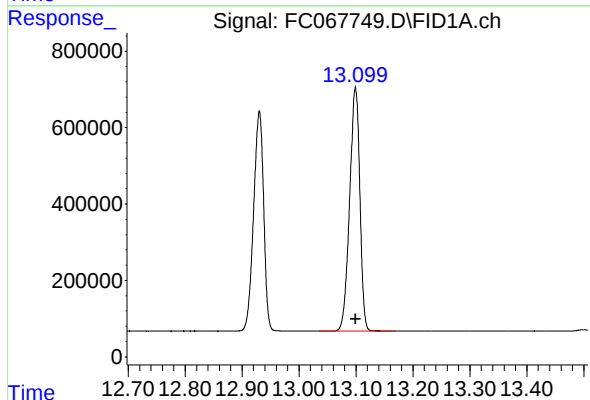
R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 9494610
Conc: 50.68 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



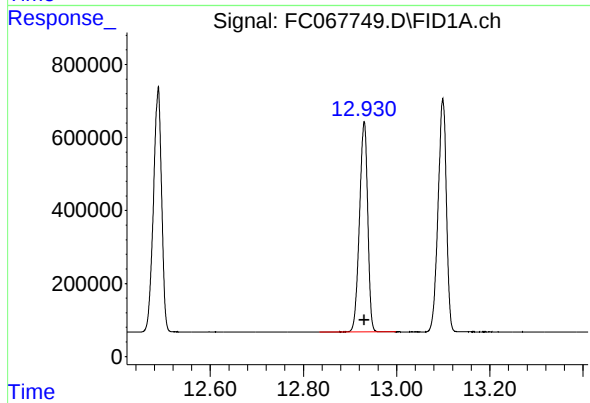
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: 0.000 min
Response: 8156976
Conc: 50.64 ug/ml



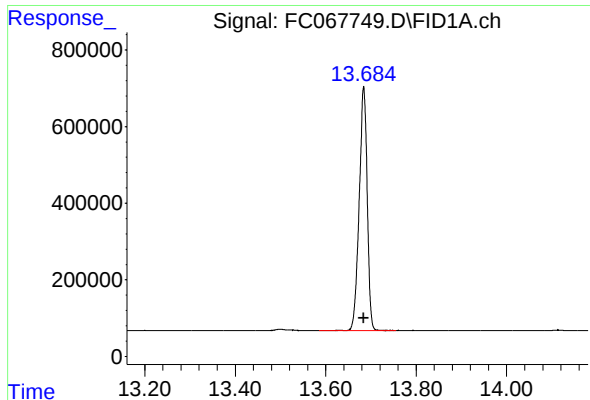
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: 0.000 min
Response: 7940079
Conc: 50.56 ug/ml



#12 1-chlorooctadecane (SURR)

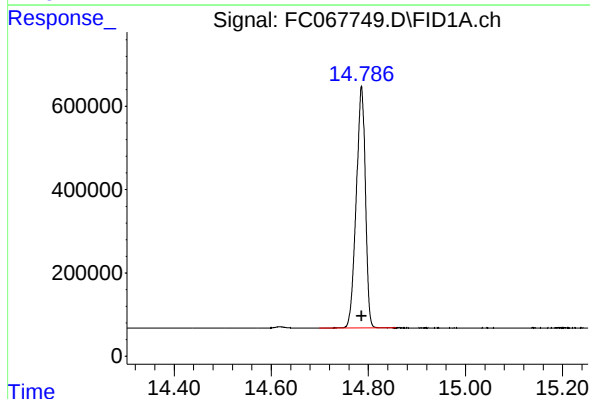
R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 7061712
Conc: 50.61 ug/ml



#13 n-Docosane (C22)

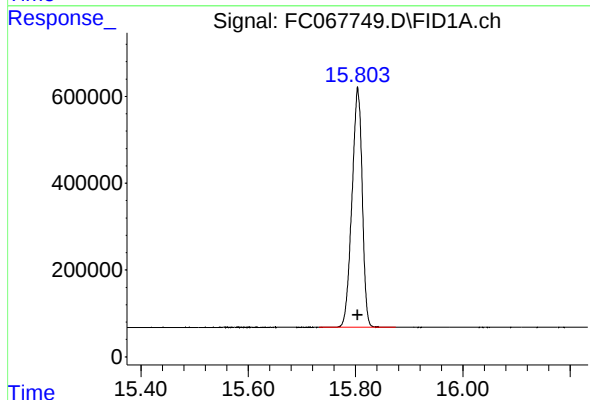
R.T.: 13.684 min
Delta R.T.: 0.000 min
Response: 7804830
Conc: 50.45 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



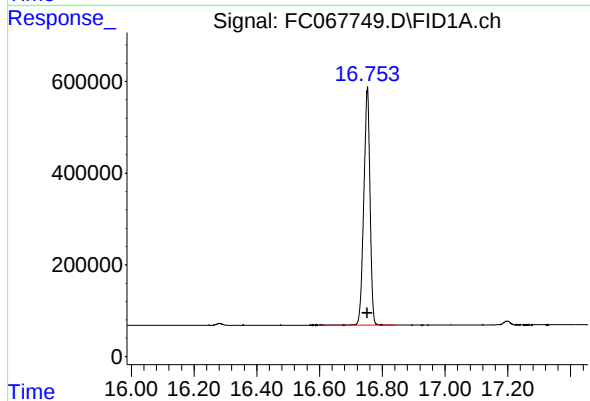
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: 0.000 min
Response: 7604012
Conc: 50.36 ug/ml



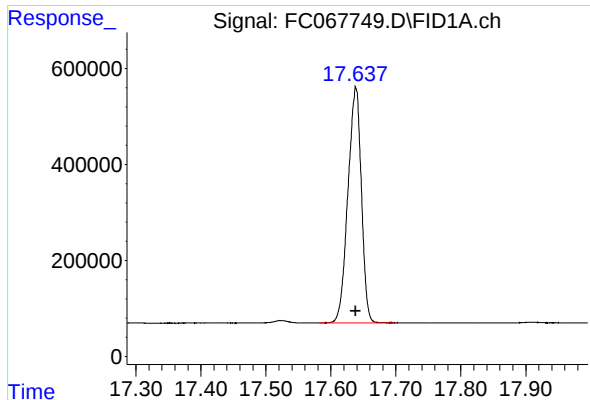
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.000 min
Response: 7328788
Conc: 50.27 ug/ml



#16 n-Octacosane (C28)

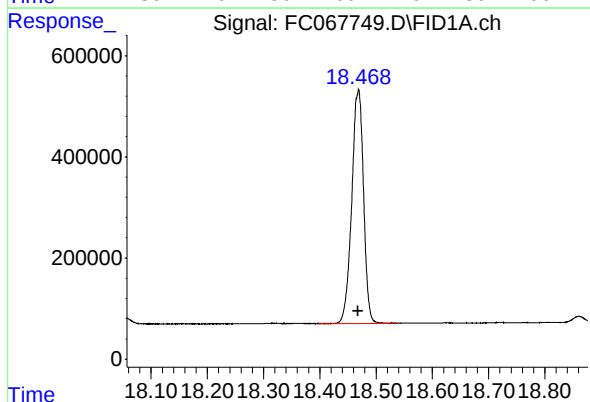
R.T.: 16.752 min
Delta R.T.: 0.000 min
Response: 7090853
Conc: 50.15 ug/ml



#17 n-Tricontane (C30)

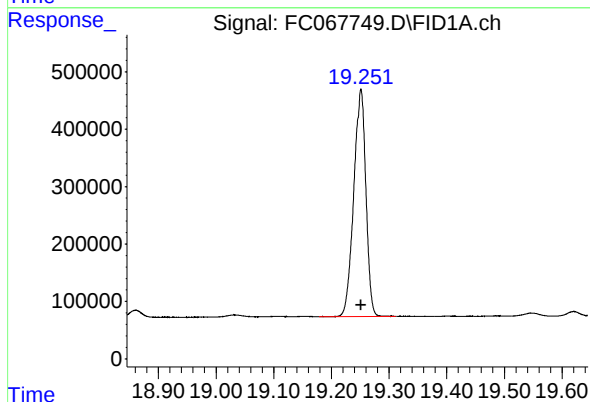
R.T.: 17.638 min
Delta R.T.: 0.000 min
Response: 7057449
Conc: 49.79 ug/ml

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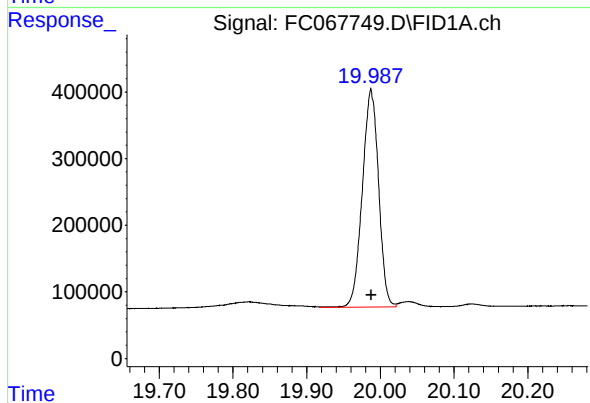
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.000 min
Response: 6727381
Conc: 49.69 ug/ml



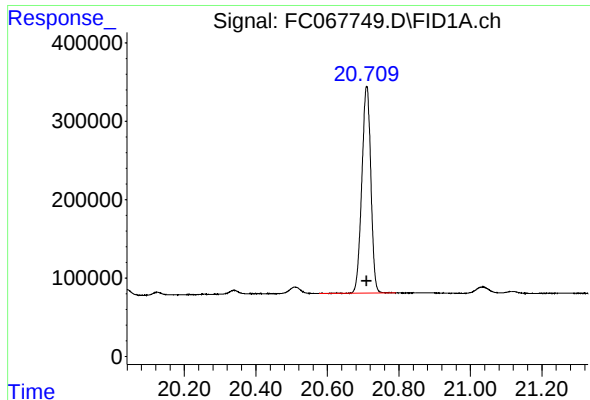
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: 0.000 min
Response: 5796180
Conc: 49.61 ug/ml



#20 n-Hexatriacontane (C36)

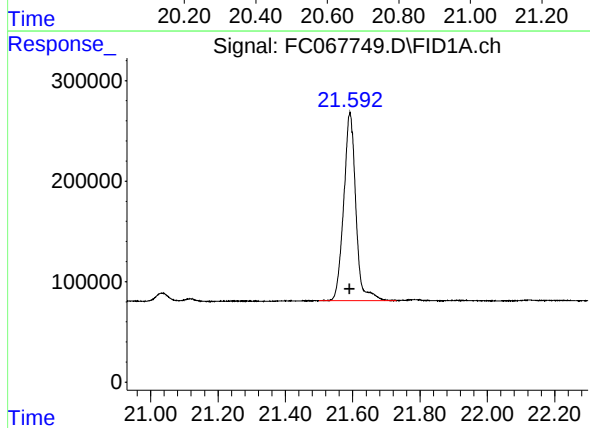
R.T.: 19.987 min
Delta R.T.: 0.000 min
Response: 5004110
Conc: 50.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.000 min
Response: 4618407
Conc: 49.81 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: 0.000 min
Response: 4672813
Conc: 49.43 ug/ml