

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070137.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 11:02
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 06 12:52:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 06 12:50:04 2025
 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)	11.650	16703938	95.834 ug/ml
Spiked Amount 50.000		Recovery =	191.67%
12) S 1-chlorooctadecane (S...	13.083	12723790	95.613 ug/ml
Spiked Amount 50.000		Recovery =	191.23%
Target Compounds			
1) T n-Nonane (C9)	3.382	13667339	96.854 ug/ml
2) T n-Decane (C10)	4.455	14177887	96.534 ug/ml
3) T A~Naphthalene (C11.7)	6.050	15719318	96.879 ug/ml
4) T n-Dodecane (C12)	6.479	14836806	96.790 ug/ml
5) T A~2-methylnaphthalene...	7.110	15349802	97.077 ug/ml
6) T n-Tetradecane (C14)	8.277	15260526	97.065 ug/ml
7) T n-Hexadecane (C16)	9.881	15999972	96.654 ug/ml
8) T n-Octadecane (C18)	11.328	16029256	95.891 ug/ml
10) T n-Eicosane (C20)	12.637	15057400	95.392 ug/ml
11) T n-Heneicosane (C21)	13.250	14589400	95.162 ug/ml
13) T n-Docosane (C22)	13.836	14277812	94.783 ug/ml
14) T n-Tetracosane (C24)	14.940	13711951	94.378 ug/ml
15) T n-Hexacosane (C26)	15.962	12988256	94.341 ug/ml
16) T n-Octacosane (C28)	16.913	12263012	93.179 ug/ml
17) T n-Tricontane (C30)	17.801	12001409	90.882 ug/ml
18) T n-Dotriacontane (C32)	18.635	11231541	88.557 ug/ml
19) T n-Tetratriacontane (C34)	19.419	10219351	88.836 ug/ml
20) T n-Hexatriacontane (C36)	20.158	9025583	90.732 ug/ml
21) T n-Octatriacontane (C38)	20.917	8286756	91.993 ug/ml
22) T n-Tetracontane (C40)	21.869	7866984	93.051 ug/ml

(f)=RT Delta > 1/2 Window

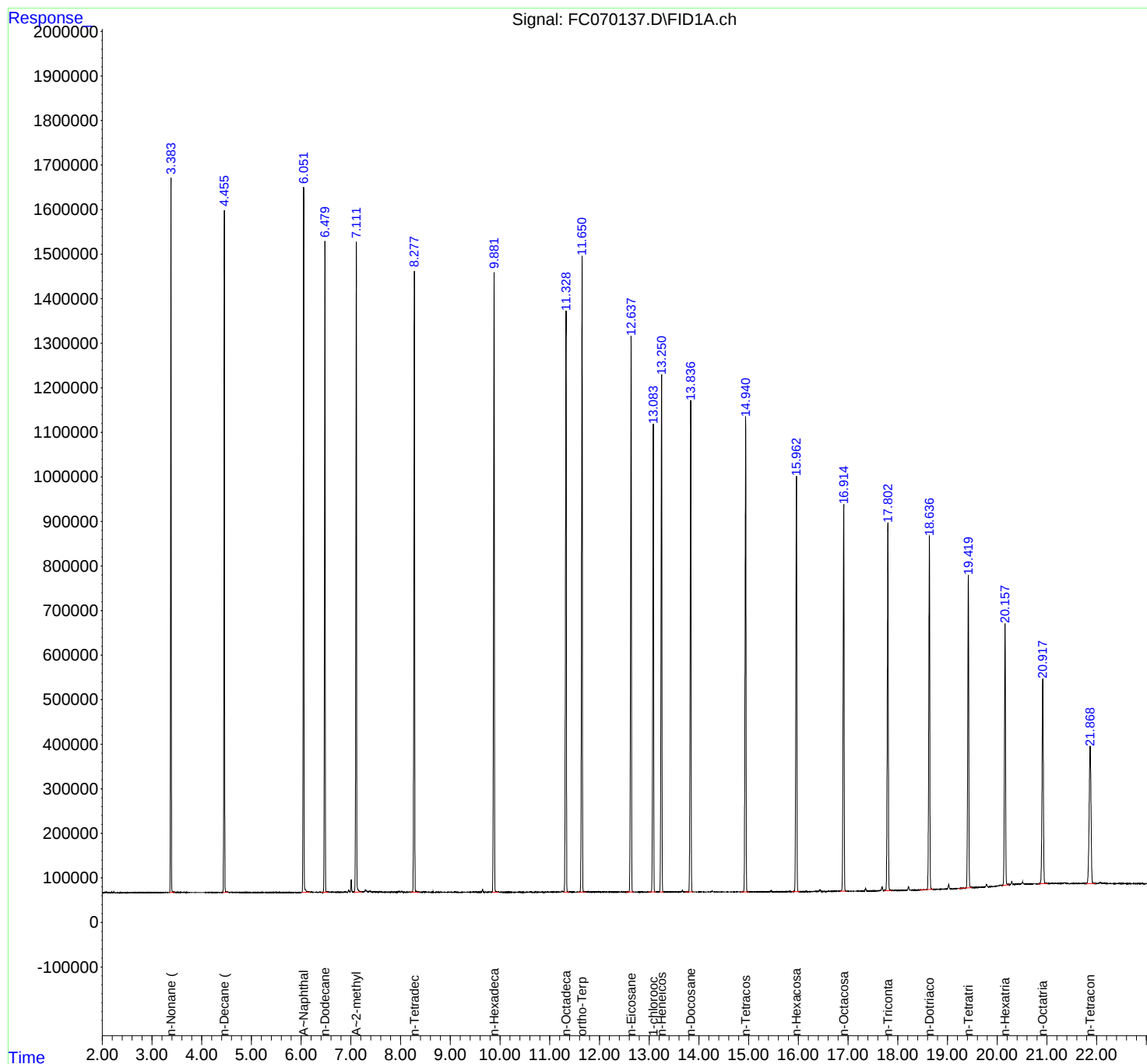
(m)=manual int.

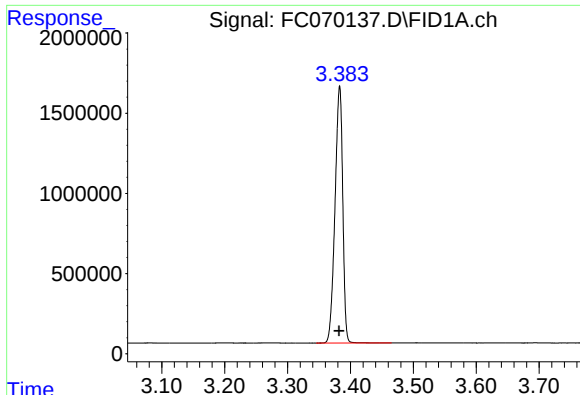
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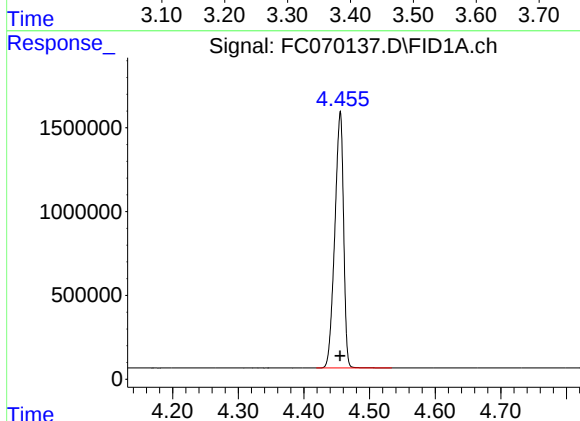




#1 n-Nonane (C9)

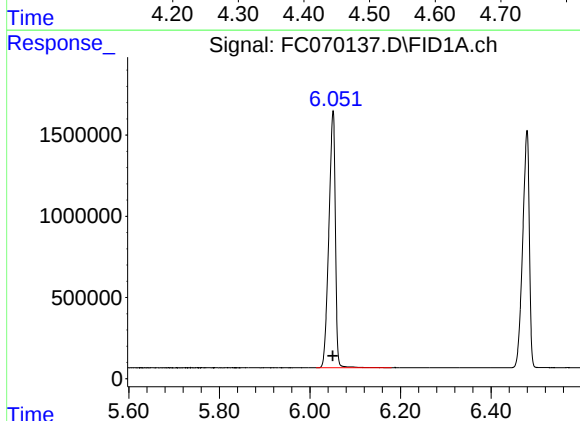
R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 13667339
Conc: 96.85 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



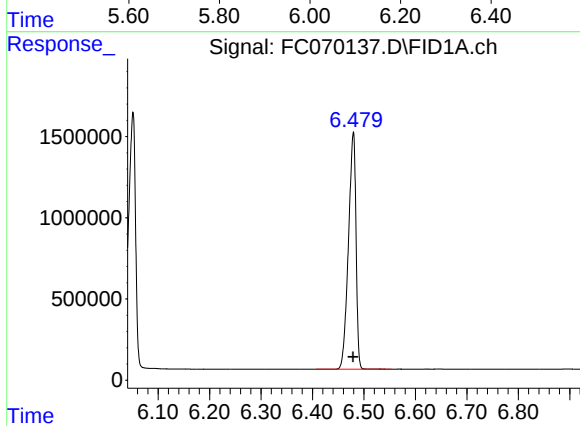
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 14177887
Conc: 96.53 ug/ml



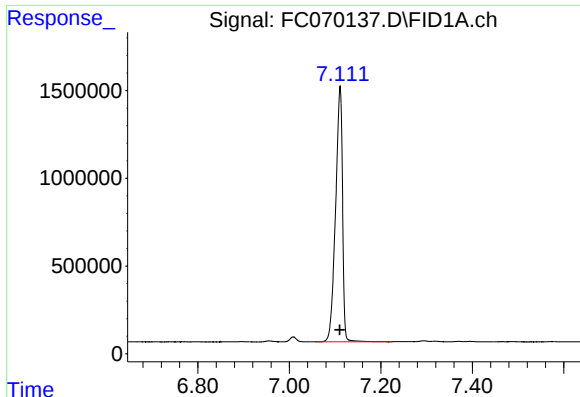
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 15719318
Conc: 96.88 ug/ml



#4 n-Dodecane (C12)

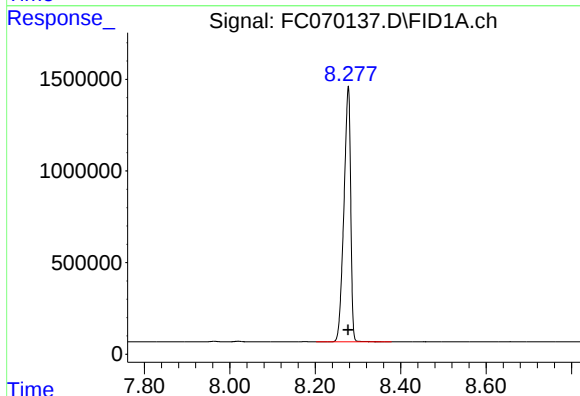
R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 14836806
Conc: 96.79 ug/ml



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

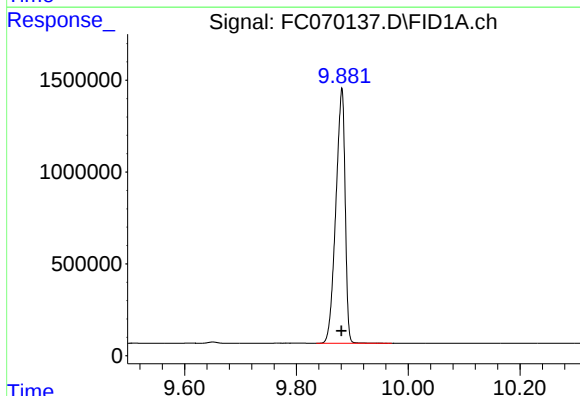
R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 15349802
Conc: 97.08 ug/ml

Instrument :
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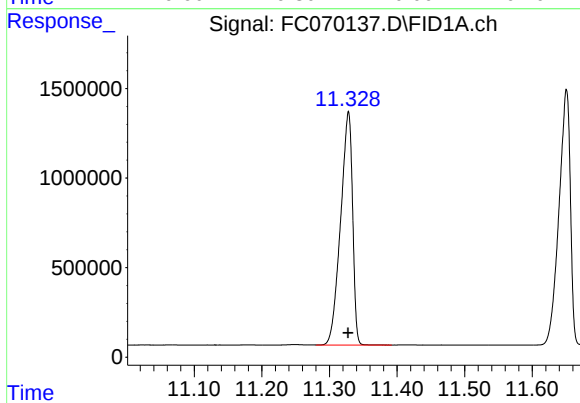
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 15260526
Conc: 97.06 ug/ml



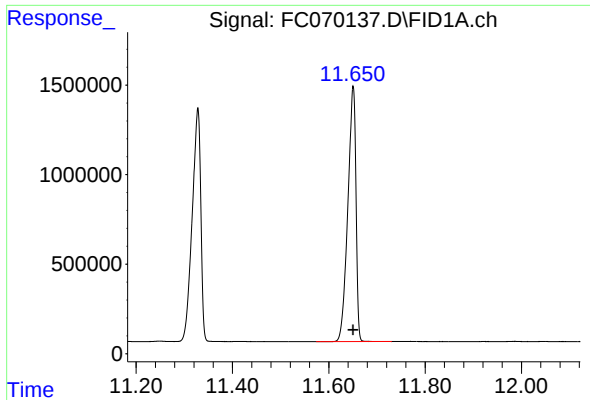
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: 0.000 min
Response: 15999972
Conc: 96.65 ug/ml



#8 n-Octadecane (C18)

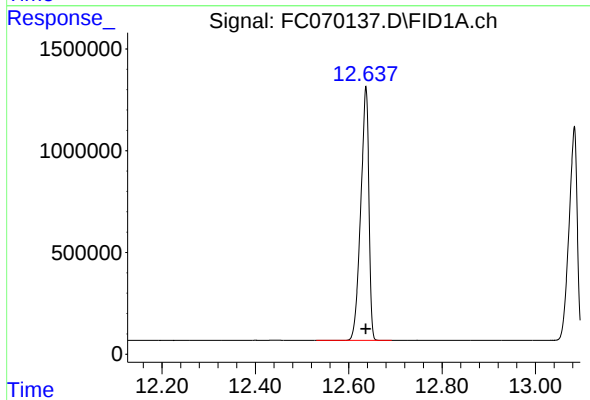
R.T.: 11.328 min
Delta R.T.: 0.000 min
Response: 16029256
Conc: 95.89 ug/ml



#9 ortho-Terphenyl (SURR)

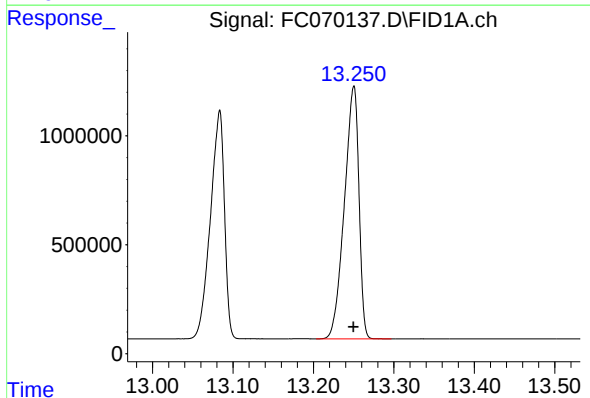
R.T.: 11.650 min
Delta R.T.: 0.000 min
Response: 16703938
Conc: 95.83 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



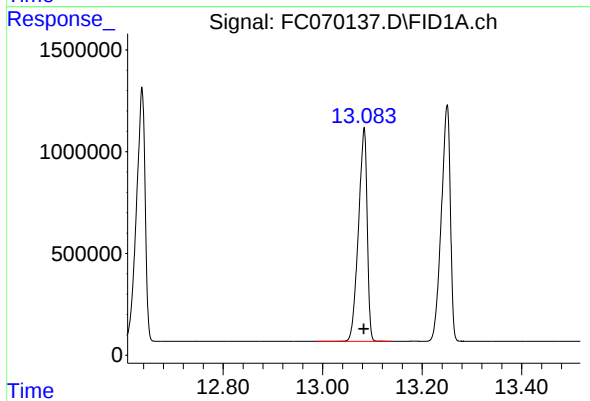
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.000 min
Response: 15057400
Conc: 95.39 ug/ml



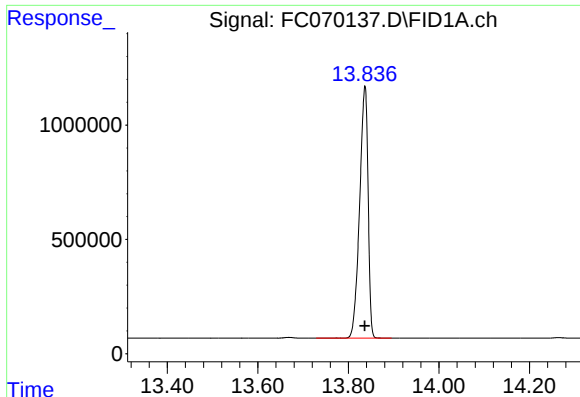
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: 0.000 min
Response: 14589400
Conc: 95.16 ug/ml



#12 1-chlorooctadecane (SURR)

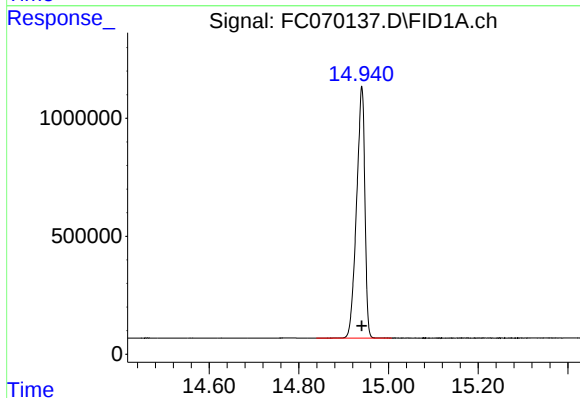
R.T.: 13.083 min
Delta R.T.: 0.000 min
Response: 12723790
Conc: 95.61 ug/ml



#13 n-Docosane (C22)

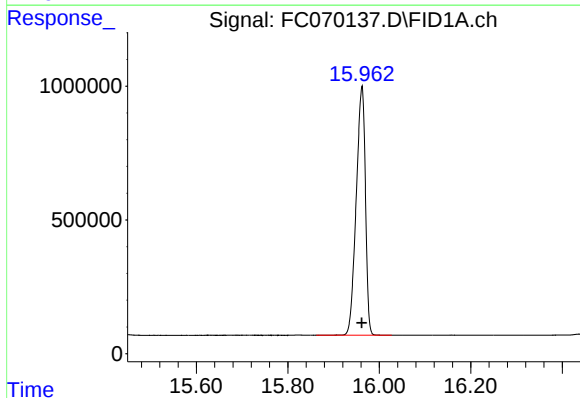
R.T.: 13.836 min
Delta R.T.: 0.000 min
Response: 14277812
Conc: 94.78 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



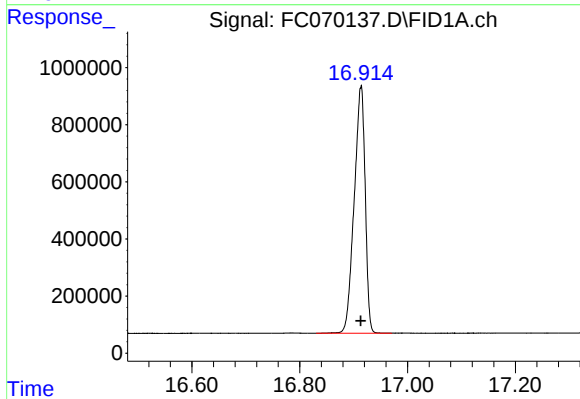
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: 0.000 min
Response: 13711951
Conc: 94.38 ug/ml



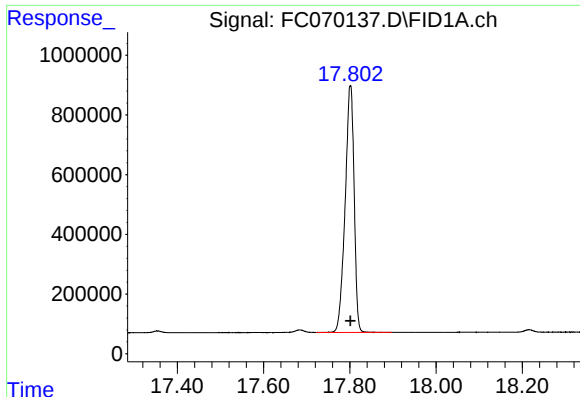
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: 0.000 min
Response: 12988256
Conc: 94.34 ug/ml



#16 n-Octacosane (C28)

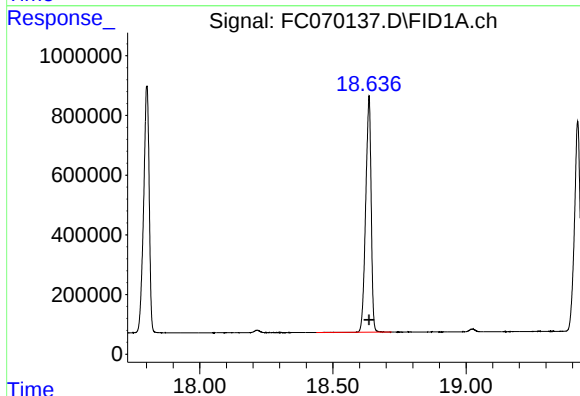
R.T.: 16.913 min
Delta R.T.: 0.000 min
Response: 12263012
Conc: 93.18 ug/ml



#17 n-Tricontane (C30)

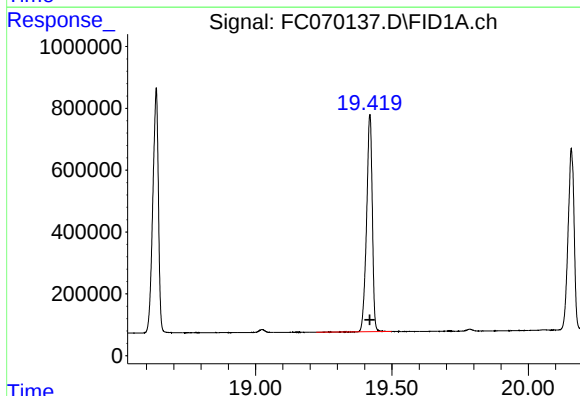
R.T.: 17.801 min
Delta R.T.: 0.000 min
Response: 12001409
Conc: 90.88 ug/ml

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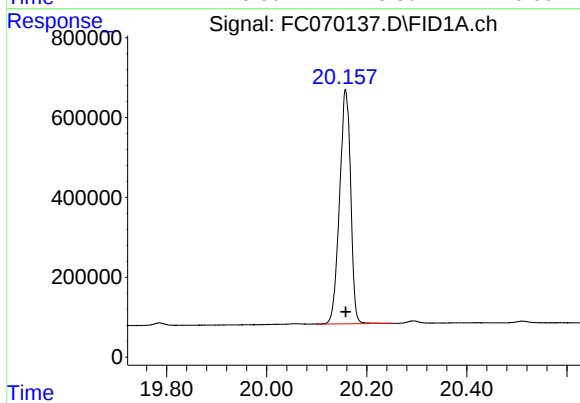
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: 0.000 min
Response: 11231541
Conc: 88.56 ug/ml



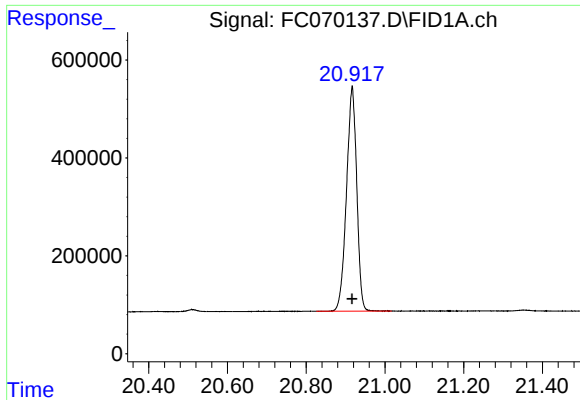
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: 0.000 min
Response: 10219351
Conc: 88.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.158 min
Delta R.T.: 0.000 min
Response: 9025583
Conc: 90.73 ug/ml



#21 n-Octatriacontane (C38)

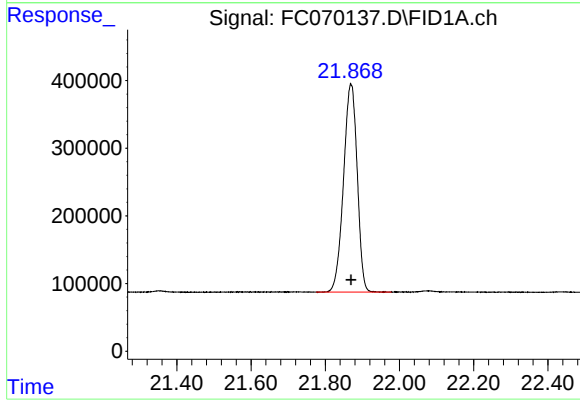
R.T.: 20.917 min
Delta R.T.: 0.000 min
Response: 8286756
Conc: 91.99 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: 0.000 min
Response: 7866984
Conc: 93.05 ug/ml