

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069246.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 15:35
 Operator : YP/AJ
 Sample : PB168581BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168581BS

Integration File: autoint1.e
 Quant Time: Jun 24 01:25:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.682	6289976	36.409 ug/ml
Spiked Amount 50.000		Recovery =	72.82%
12) S 1-chlorooctadecane (S...	13.116	4958945	37.958 ug/ml
Spiked Amount 50.000		Recovery =	75.92%
Target Compounds			
1) T n-Nonane (C9)	3.418	4650657	32.701 ug/ml
2) T n-Decane (C10)	4.487	4979753	34.016 ug/ml
3) T A~Naphthalene (C11.7)	6.079	6162571	38.302 ug/ml
4) T n-Dodecane (C12)	6.509	5295564	34.972 ug/ml
5) T A~2-methylnaphthalene...	7.138	5869861	37.092 ug/ml
6) T n-Tetradecane (C14)	8.310	5502486	35.499 ug/ml
7) T n-Hexadecane (C16)	9.913	5623255	34.411 ug/ml
8) T n-Octadecane (C18)	11.358	5525283	33.841 ug/ml
10) T n-Eicosane (C20)	12.671	5543318	36.316 ug/ml
11) T n-Heneicosane (C21)	13.283	5256547	35.664 ug/ml
13) T n-Docosane (C22)	13.870	5143641	35.749 ug/ml
14) T n-Tetracosane (C24)	14.968	10263016	74.407 ug/ml
15) T n-Hexacosane (C26)	16.001	4765646	36.456 ug/ml
16) T n-Octacosane (C28)	16.950	4567775	37.037 ug/ml
17) T n-Tricontane (C30)	17.840	4393371	36.955 ug/ml
18) T n-Dotriacontane (C32)	18.673	4220019	38.596 ug/ml
19) T n-Tetratriacontane (C34)	19.457	4255913	44.072 ug/ml
20) T n-Hexatriacontane (C36)	20.199	3982211	48.320 ug/ml
21) T n-Octatriacontane (C38)	20.968	3967967	53.097 ug/ml
22) T n-Tetracontane (C40)	21.936	3793166	53.564 ug/ml

(f)=RT Delta > 1/2 Window

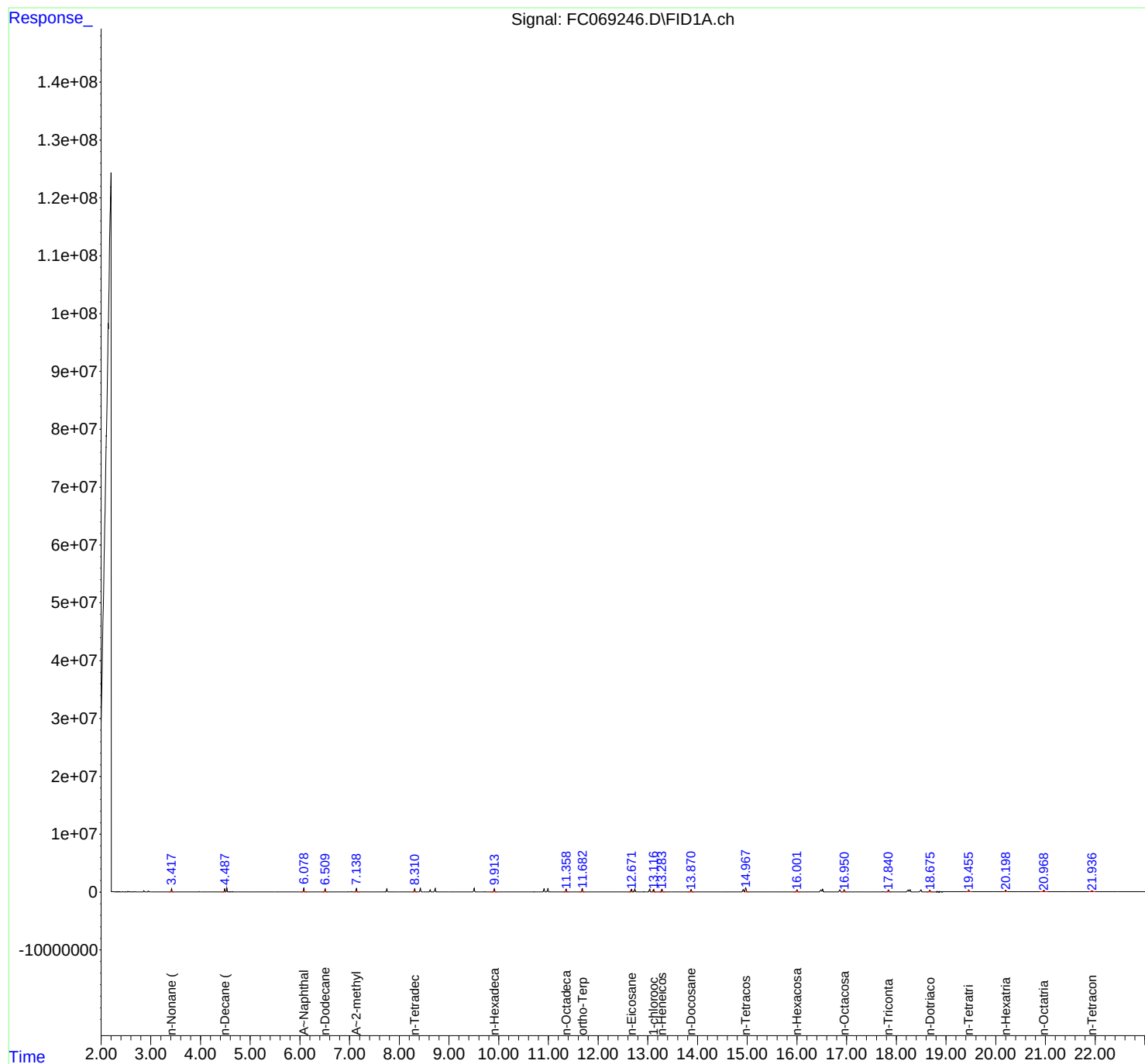
(m)=manual int.

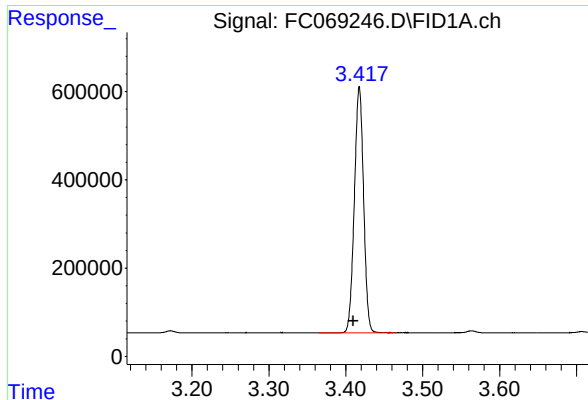
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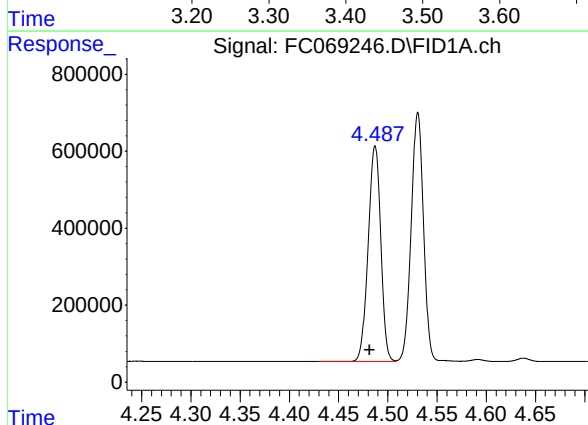




#1 n-Nonane (C9)

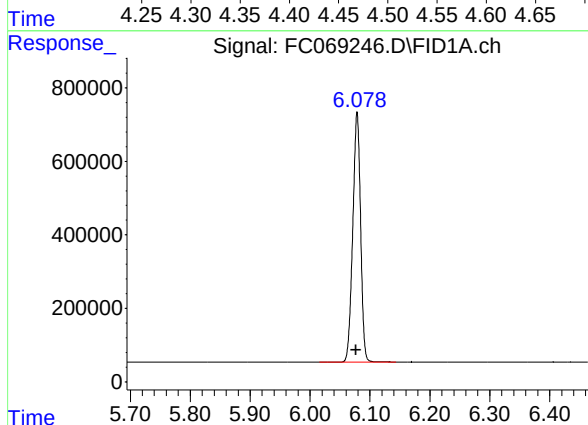
R.T.: 3.418 min
Delta R.T.: 0.008 min
Response: 4650657
Conc: 32.70 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BS



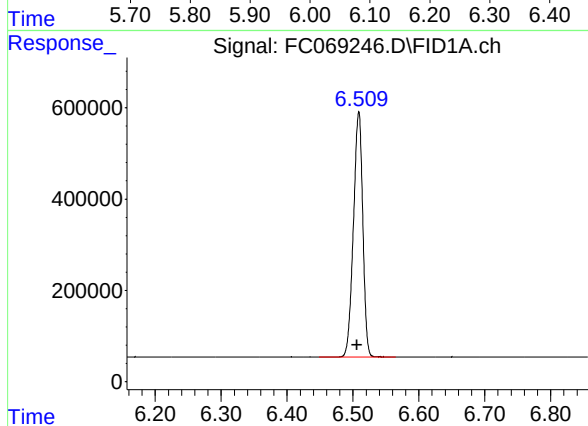
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: 0.006 min
Response: 4979753
Conc: 34.02 ug/ml



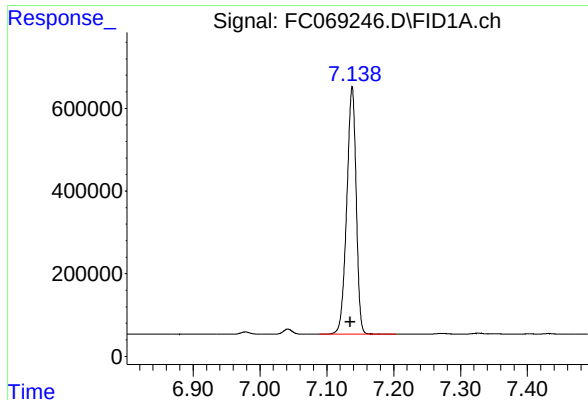
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 6162571
Conc: 38.30 ug/ml



#4 n-Dodecane (C12)

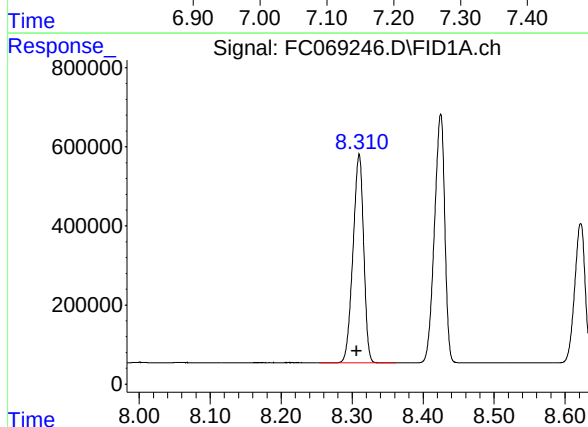
R.T.: 6.509 min
Delta R.T.: 0.002 min
Response: 5295564
Conc: 34.97 ug/ml



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

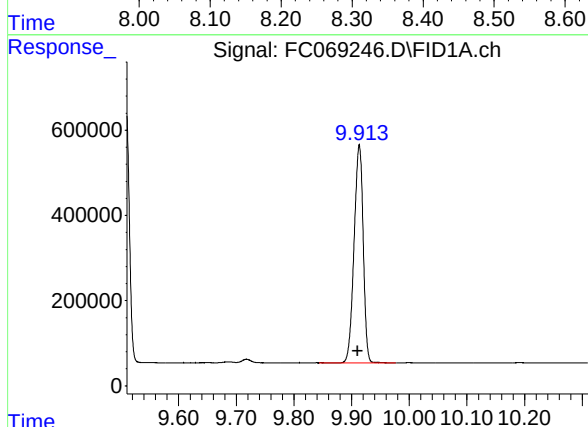
R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 5869861
Conc: 37.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BS



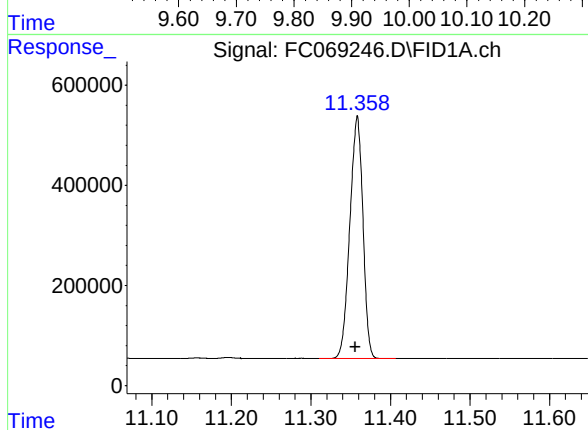
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: 0.004 min
Response: 5502486
Conc: 35.50 ug/ml



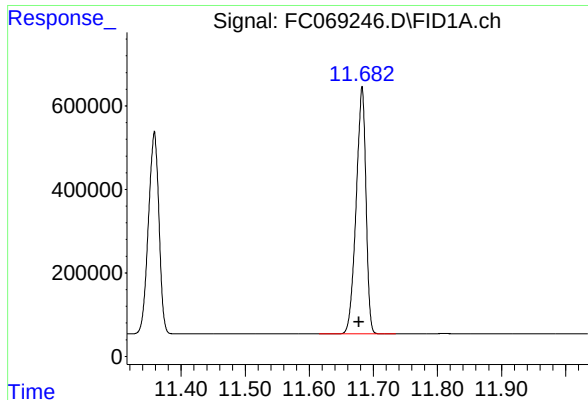
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: 0.003 min
Response: 5623255
Conc: 34.41 ug/ml



#8 n-Octadecane (C18)

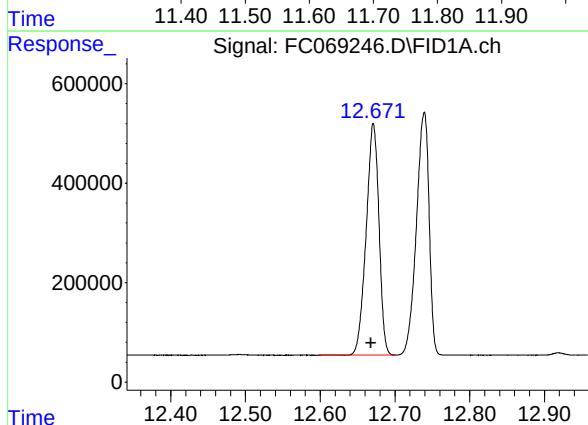
R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 5525283
Conc: 33.84 ug/ml



#9 ortho-Terphenyl (SURR)

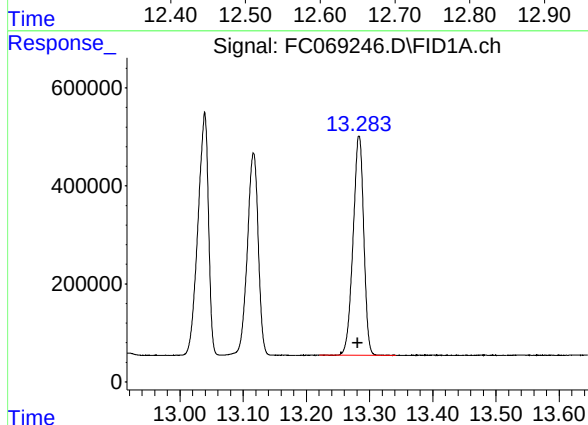
R.T.: 11.682 min
Delta R.T.: 0.004 min
Response: 6289976
Conc: 36.41 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BS



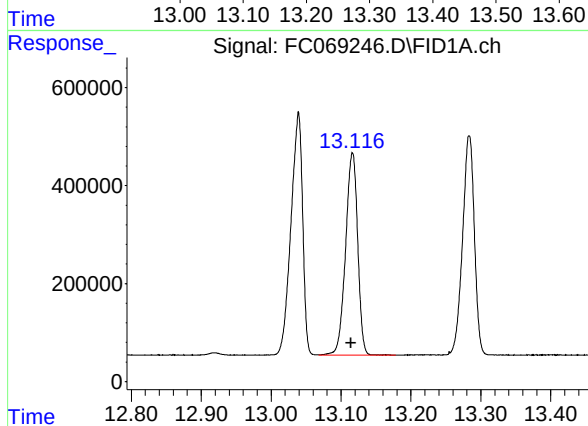
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 5543318
Conc: 36.32 ug/ml



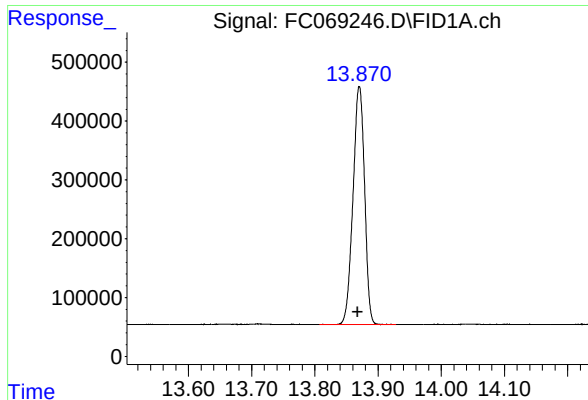
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.003 min
Response: 5256547
Conc: 35.66 ug/ml



#12 1-chlorooctadecane (SURR)

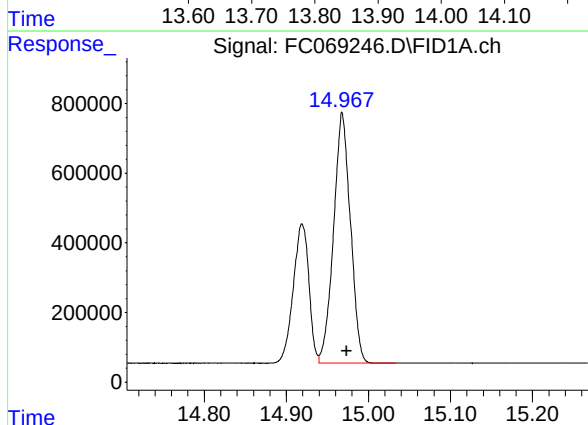
R.T.: 13.116 min
Delta R.T.: 0.002 min
Response: 4958945
Conc: 37.96 ug/ml



#13 n-Docosane (C22)

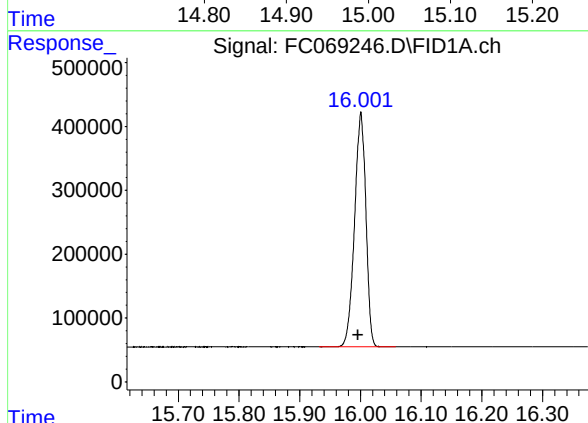
R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 5143641
Conc: 35.75 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BS



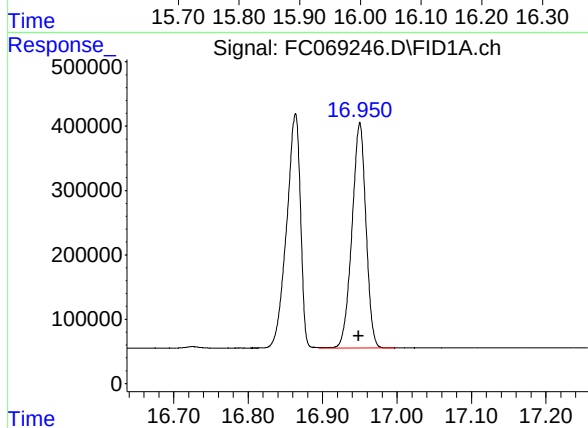
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.005 min
Response: 10263016
Conc: 74.41 ug/ml



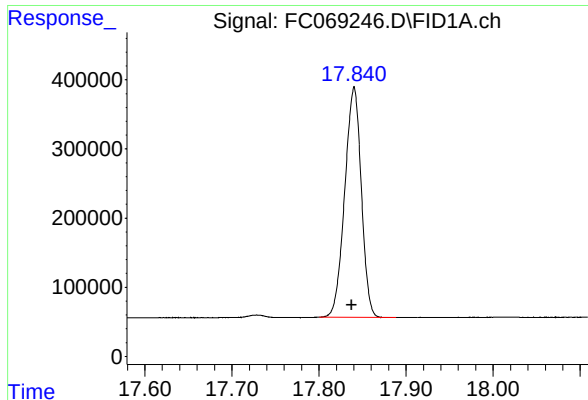
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: 0.004 min
Response: 4765646
Conc: 36.46 ug/ml



#16 n-Octacosane (C28)

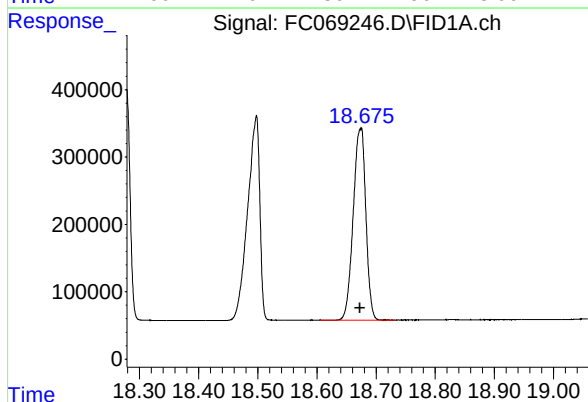
R.T.: 16.950 min
Delta R.T.: 0.001 min
Response: 4567775
Conc: 37.04 ug/ml



#17 n-Tricontane (C30)

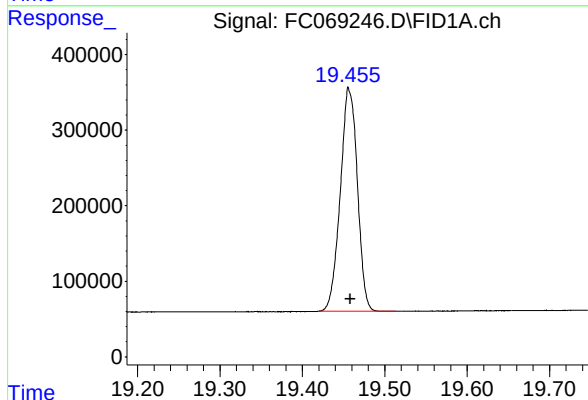
R.T.: 17.840 min
Delta R.T.: 0.003 min
Response: 4393371
Conc: 36.96 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BS



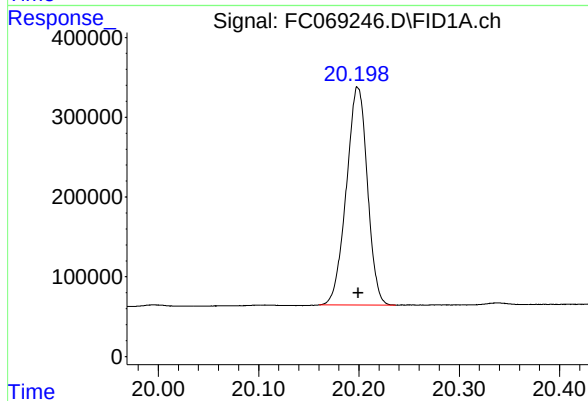
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.000 min
Response: 4220019
Conc: 38.60 ug/ml



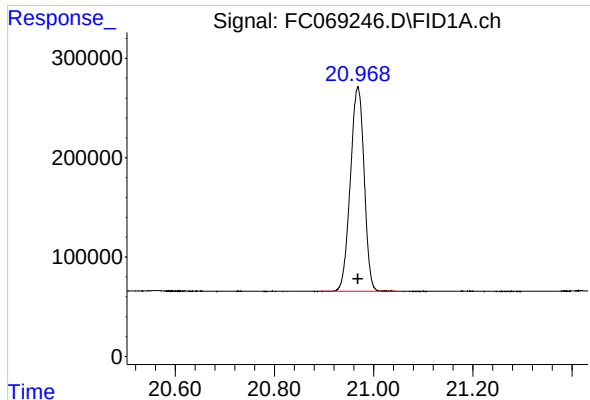
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.001 min
Response: 4255913
Conc: 44.07 ug/ml



#20 n-Hexatriacontane (C36)

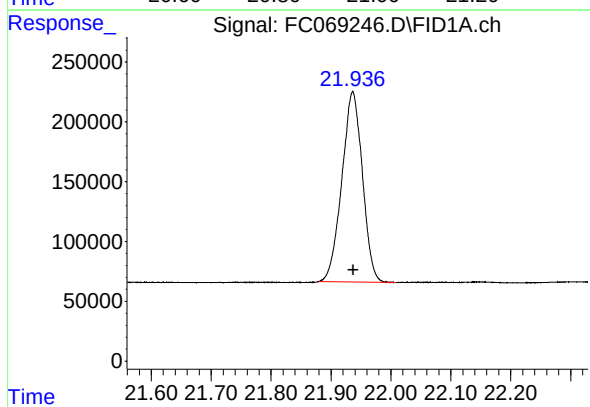
R.T.: 20.199 min
Delta R.T.: 0.000 min
Response: 3982211
Conc: 48.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.968 min
Delta R.T.: 0.000 min
Response: 3967967
Conc: 53.10 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BS



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.001 min
Response: 3793166
Conc: 53.56 ug/ml