

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069247.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 16:23
 Operator : YP/AJ
 Sample : PB168581BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168581BSD

Integration File: autoint1.e
 Quant Time: Jun 24 01:26:03 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	6387399	36.973 ug/ml
Spiked Amount 50.000		Recovery =	73.95%
12) S 1-chlorooctadecane (S...	13.118	5014407	38.383 ug/ml
Spiked Amount 50.000		Recovery =	76.77%
Target Compounds			
1) T n-Nonane (C9)	3.417	4787569	33.663 ug/ml
2) T n-Decane (C10)	4.487	5135560	35.080 ug/ml
3) T A~Naphthalene (C11.7)	6.079	6312733	39.235 ug/ml
4) T n-Dodecane (C12)	6.509	5487757	36.241 ug/ml
5) T A~2-methylnaphthalene...	7.138	6026437	38.082 ug/ml
6) T n-Tetradecane (C14)	8.310	5740712	37.036 ug/ml
7) T n-Hexadecane (C16)	9.913	5874946	35.951 ug/ml
8) T n-Octadecane (C18)	11.360	5709744	34.971 ug/ml
10) T n-Eicosane (C20)	12.672	5652389	37.031 ug/ml
11) T n-Heneicosane (C21)	13.284	5321859	36.107 ug/ml
13) T n-Docosane (C22)	13.871	5178968	35.994 ug/ml
14) T n-Tetracosane (C24)	14.969	10168262	73.720 ug/ml
15) T n-Hexacosane (C26)	16.001	4718632	36.096 ug/ml
16) T n-Octacosane (C28)	16.949	4500381	36.491 ug/ml
17) T n-Tricontane (C30)	17.840	4324646	36.377 ug/ml
18) T n-Dotriacontane (C32)	18.673	4154329	37.995 ug/ml
19) T n-Tetratriacontane (C34)	19.459	4200210	43.496 ug/ml
20) T n-Hexatriacontane (C36)	20.200	3949714	47.926 ug/ml
21) T n-Octatriacontane (C38)	20.970	3937075	52.684 ug/ml
22) T n-Tetracontane (C40)	21.939	3791383	53.538 ug/ml

(f)=RT Delta > 1/2 Window

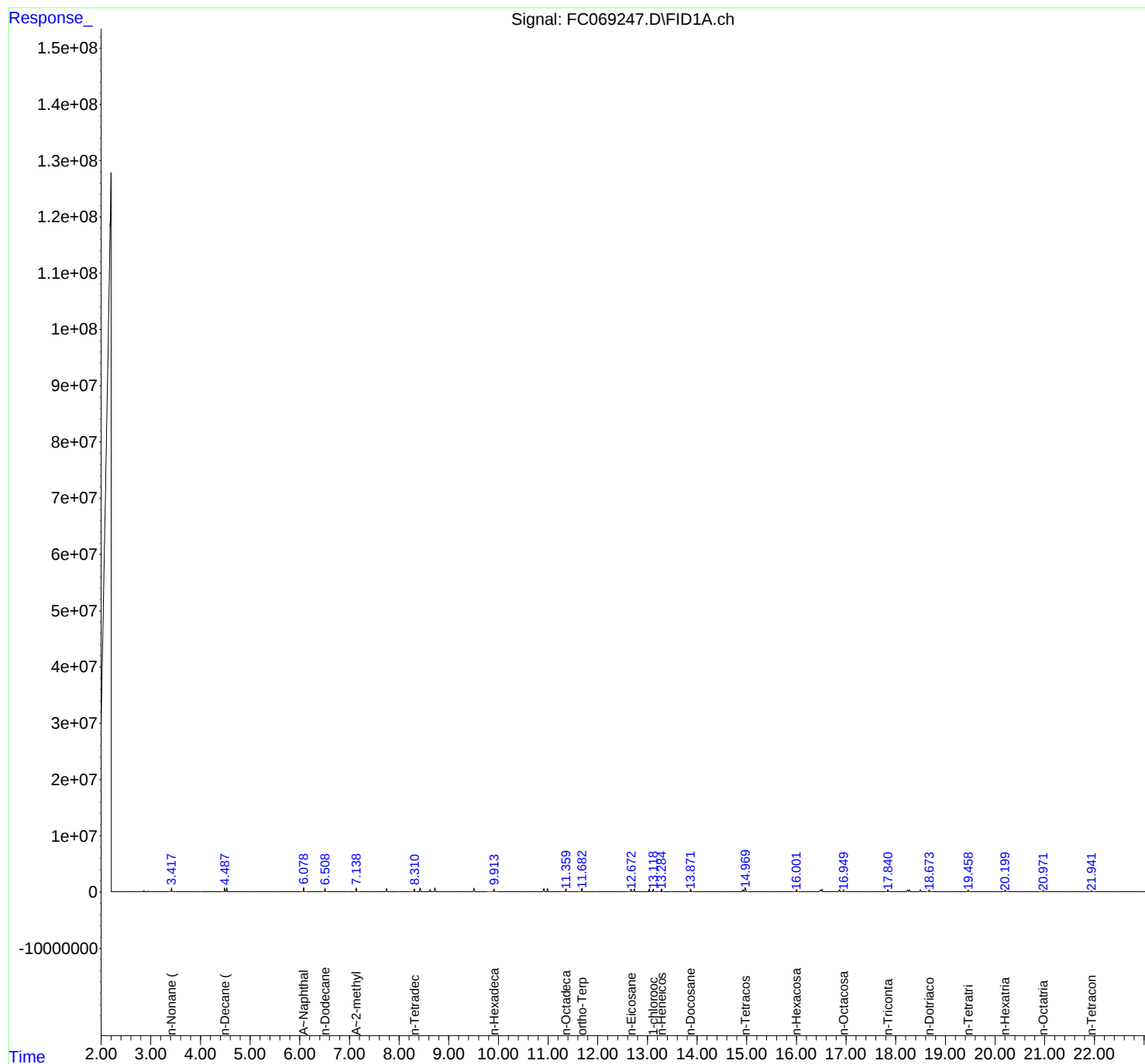
(m)=manual int.

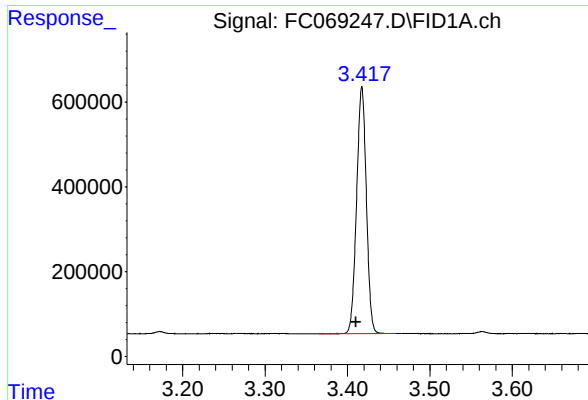
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
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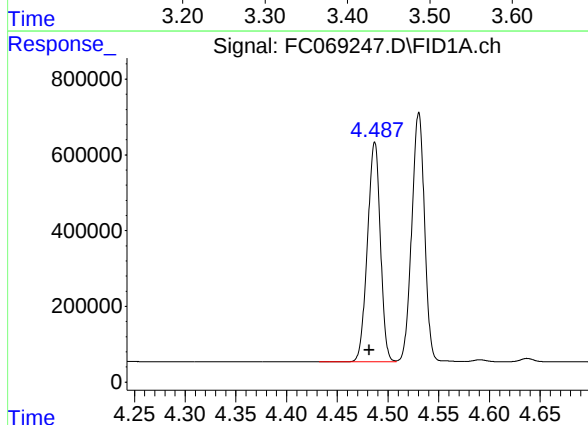




#1 n-Nonane (C9)

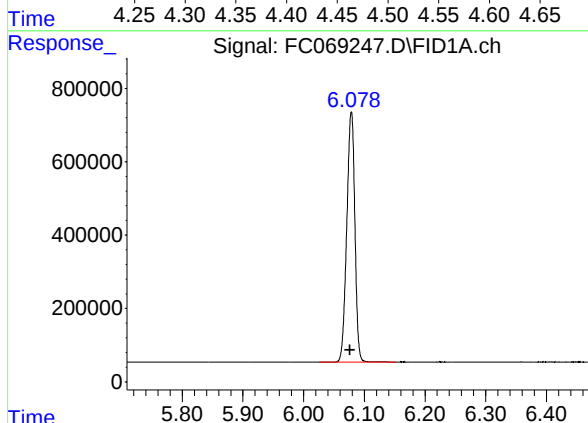
R.T.: 3.417 min
Delta R.T.: 0.007 min
Response: 4787569
Conc: 33.66 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BSD



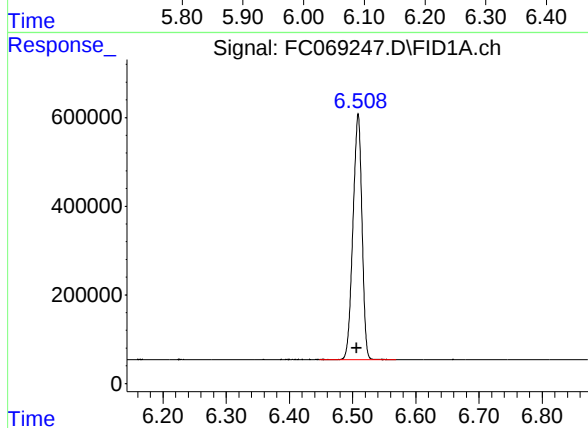
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: 0.005 min
Response: 5135560
Conc: 35.08 ug/ml



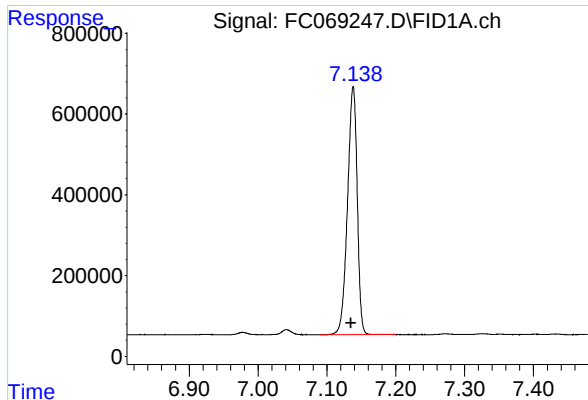
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 6312733
Conc: 39.24 ug/ml



#4 n-Dodecane (C12)

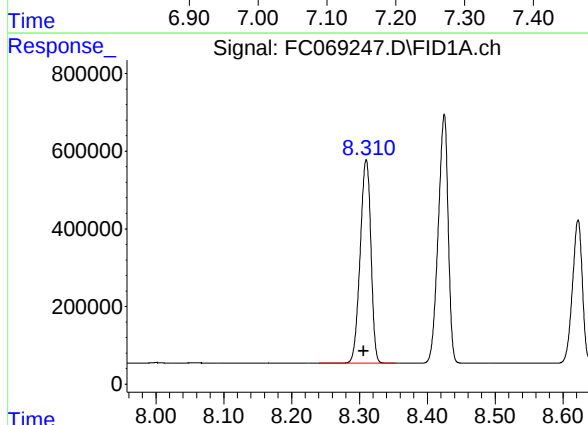
R.T.: 6.509 min
Delta R.T.: 0.002 min
Response: 5487757
Conc: 36.24 ug/ml



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

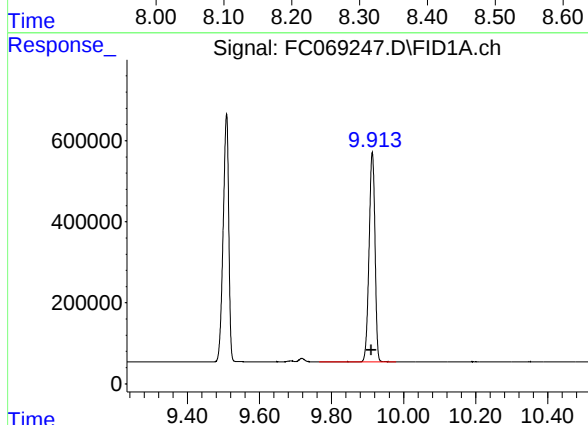
R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 6026437
Conc: 38.08 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BSD



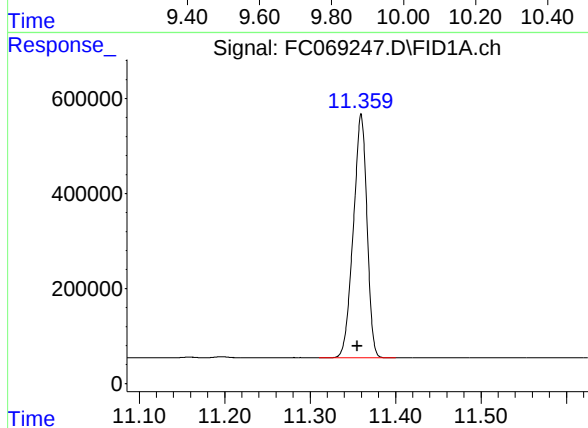
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: 0.004 min
Response: 5740712
Conc: 37.04 ug/ml



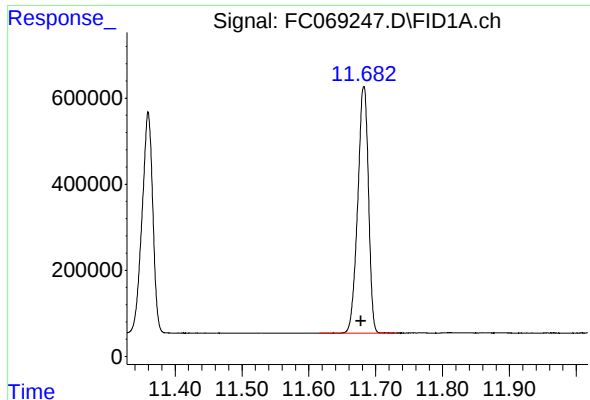
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: 0.003 min
Response: 5874946
Conc: 35.95 ug/ml



#8 n-Octadecane (C18)

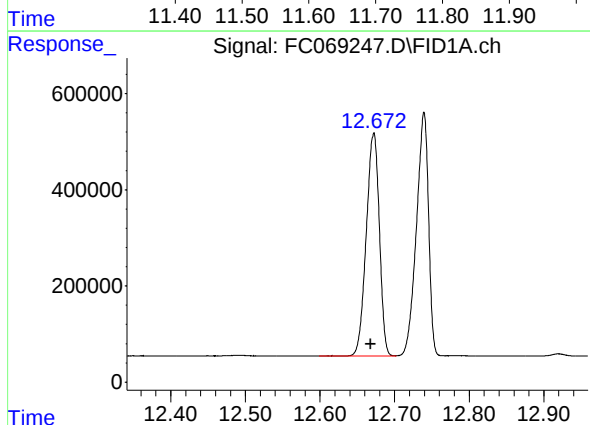
R.T.: 11.360 min
Delta R.T.: 0.004 min
Response: 5709744
Conc: 34.97 ug/ml



#9 ortho-Terphenyl (SURR)

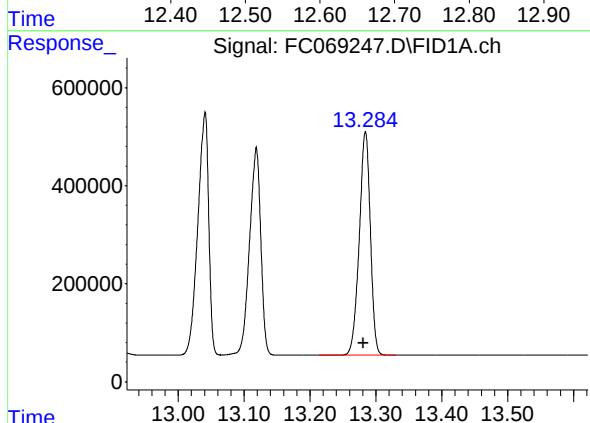
R.T.: 11.682 min
Delta R.T.: 0.004 min
Response: 6387399
Conc: 36.97 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BSD



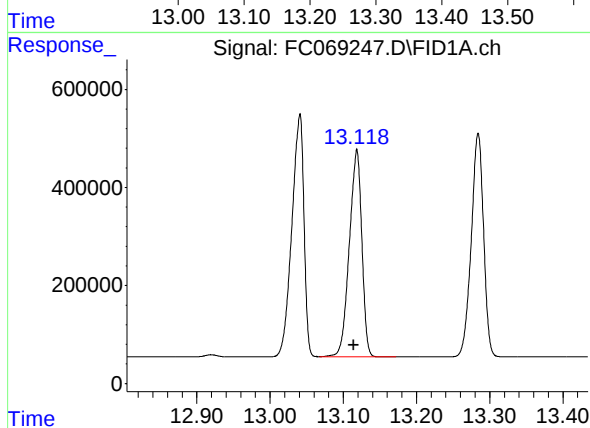
#10 n-Eicosane (C20)

R.T.: 12.672 min
Delta R.T.: 0.004 min
Response: 5652389
Conc: 37.03 ug/ml



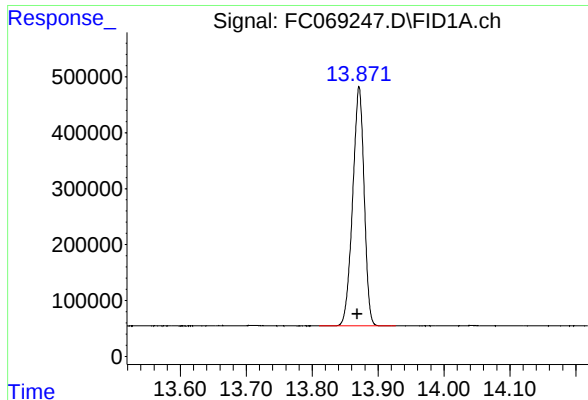
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: 0.003 min
Response: 5321859
Conc: 36.11 ug/ml



#12 1-chlorooctadecane (SURR)

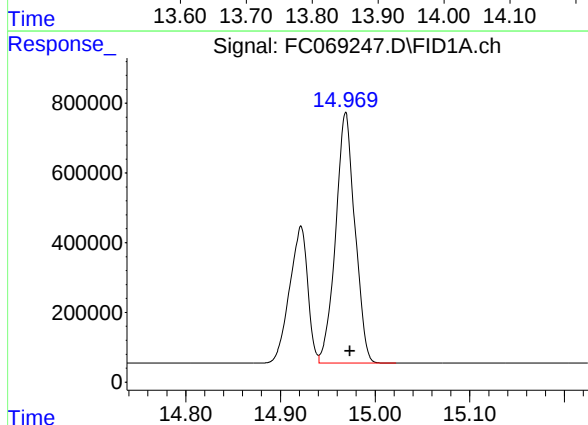
R.T.: 13.118 min
Delta R.T.: 0.004 min
Response: 5014407
Conc: 38.38 ug/ml



#13 n-Docosane (C22)

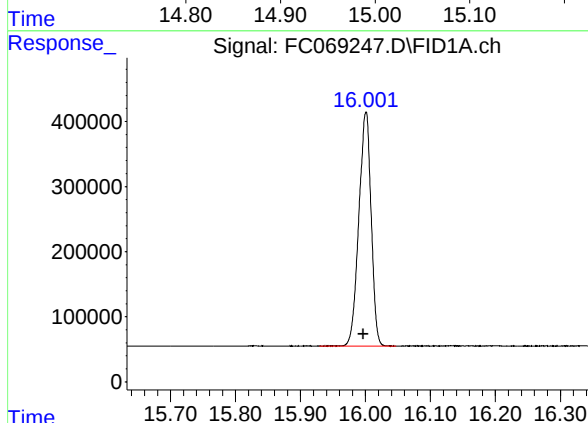
R.T.: 13.871 min
Delta R.T.: 0.003 min
Response: 5178968
Conc: 35.99 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BSD



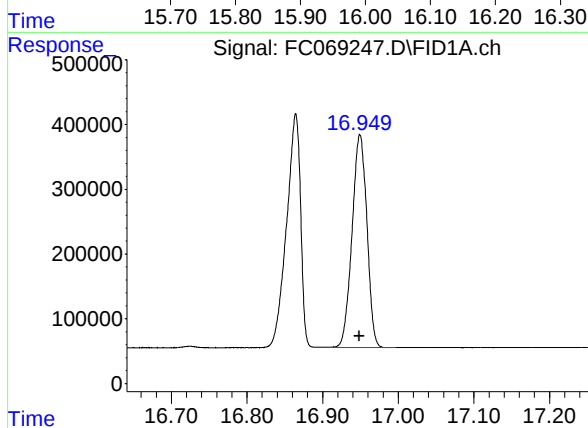
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.005 min
Response: 10168262
Conc: 73.72 ug/ml



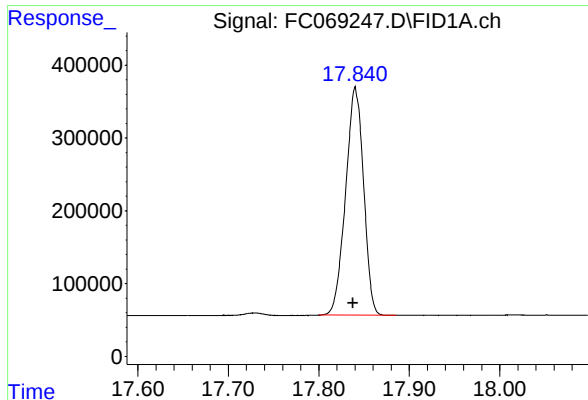
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: 0.004 min
Response: 4718632
Conc: 36.10 ug/ml



#16 n-Octacosane (C28)

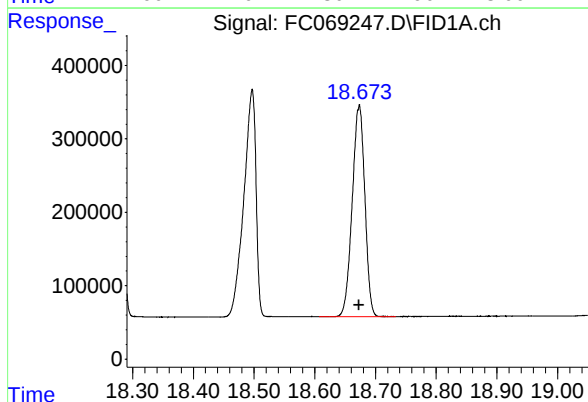
R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 4500381
Conc: 36.49 ug/ml



#17 n-Tricontane (C30)

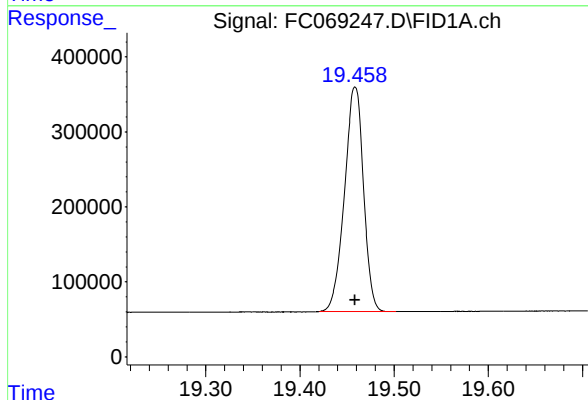
R.T.: 17.840 min
Delta R.T.: 0.003 min
Response: 4324646
Conc: 36.38 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BSD



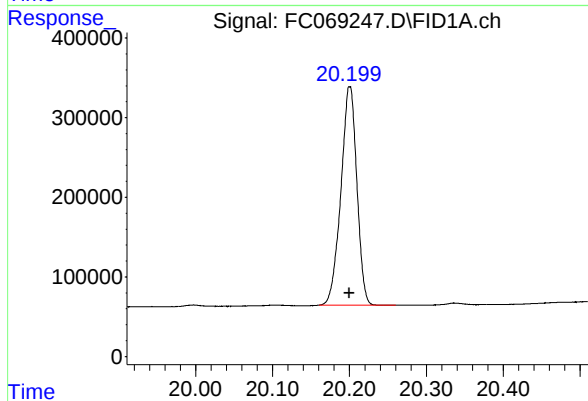
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.000 min
Response: 4154329
Conc: 38.00 ug/ml



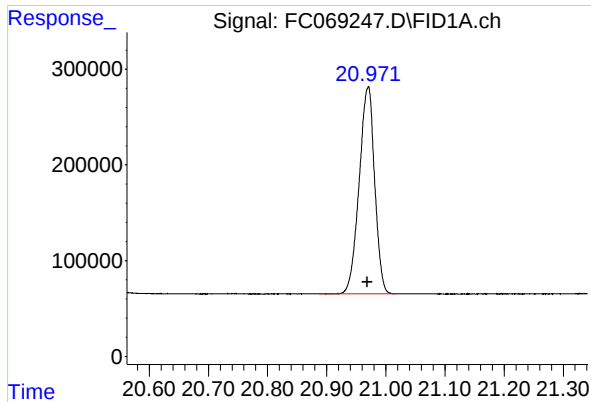
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.000 min
Response: 4200210
Conc: 43.50 ug/ml



#20 n-Hexatriacontane (C36)

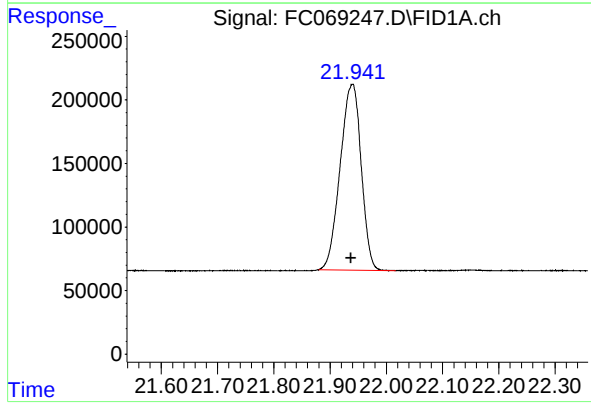
R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 3949714
Conc: 47.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.970 min
Delta R.T.: 0.001 min
Response: 3937075
Conc: 52.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168581BSD



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.002 min
Response: 3791383
Conc: 53.54 ug/ml