

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121223AL\
 Data File : FC065407.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2023 04:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 13 05:04:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 2023
 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)	11.501	4144438	17.864 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
12) S 1-chlorooctadecane (S...	12.932	3063534	18.501 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
Target Compounds			
1) T n-Nonane (C9)	3.301	3331231	16.636 ug/ml
2) T n-Decane (C10)	4.361	3485035	17.339 ug/ml
3) T A~Naphthalene (C11.7)	5.942	3601683	17.740 ug/ml
4) T n-Dodecane (C12)	6.371	3577049	17.590 ug/ml
5) T A~2-methylnaphthalene...	6.997	3466270	17.834 ug/ml
6) T n-Tetradecane (C14)	8.159	3528279	17.754 ug/ml
7) T n-Hexadecane (C16)	9.753	3563730	17.990 ug/ml
8) T n-Octadecane (C18)	11.187	3594167	18.146 ug/ml
10) T n-Eicosane (C20)	12.490	3451057	18.237 ug/ml
11) T n-Heneicosane (C21)	13.099	3366646	18.220 ug/ml
13) T n-Docosane (C22)	13.682	3365805	18.656 ug/ml
14) T n-Tetracosane (C24)	14.779	3372035	19.450 ug/ml
15) T n-Hexacosane (C26)	15.794	3344276	20.084 ug/ml
16) T n-Octacosane (C28)	16.741	3376361	21.110 ug/ml
17) T n-Tricontane (C30)	17.625	3509714	22.042 ug/ml
18) T n-Dotriacontane (C32)	18.453	3475849	22.111 ug/ml
19) T n-Tetratriacontane (C34)	19.232	3190139	20.672 ug/ml
20) T n-Hexatriacontane (C36)	19.969	3006178	19.611 ug/ml
21) T n-Octatriacontane (C38)	20.687	2869199	18.869 ug/ml
22) T n-Tetracontane (C40)	21.563	2744486	18.308 ug/ml

(f)=RT Delta > 1/2 Window

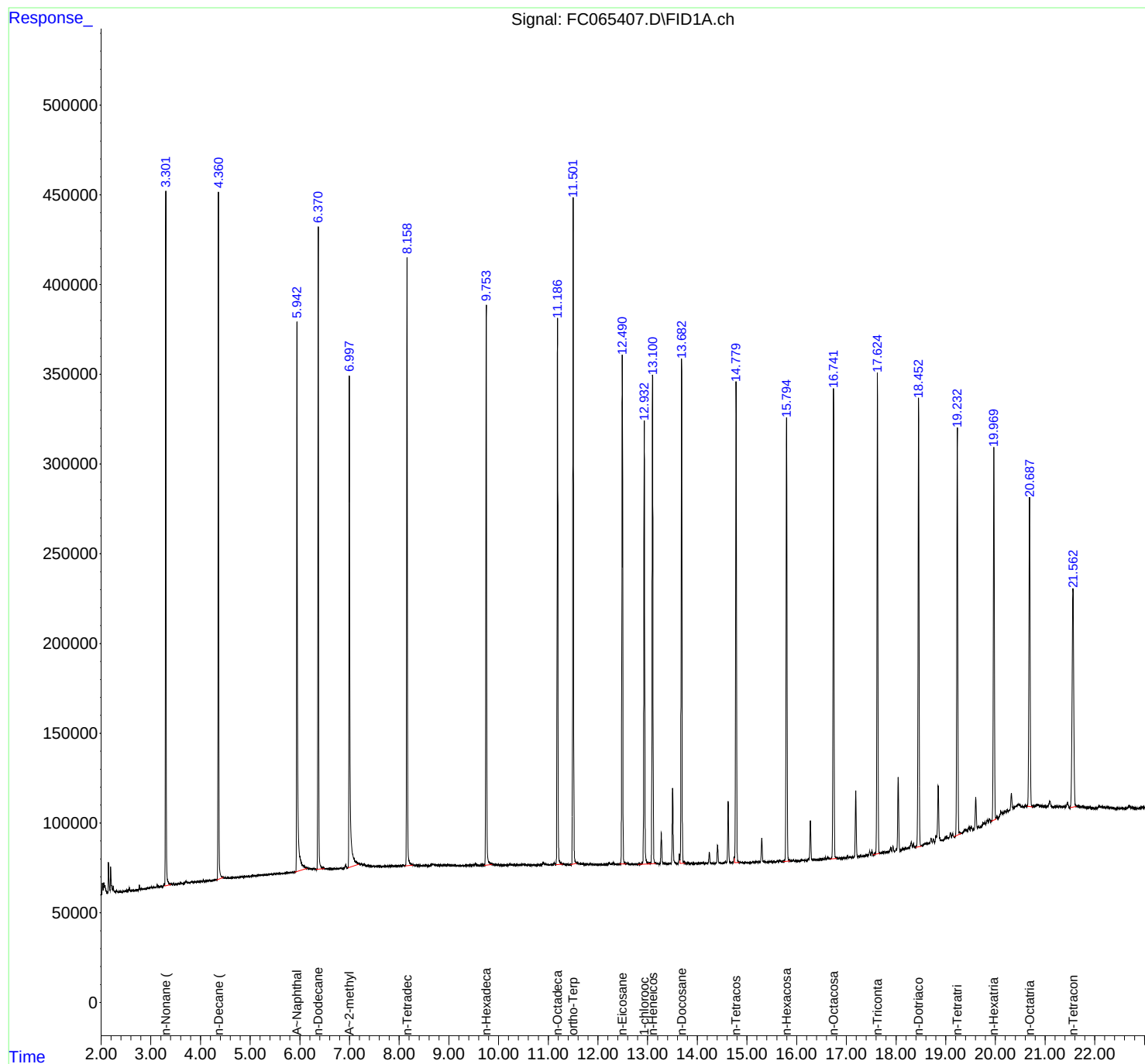
(m)=manual int.

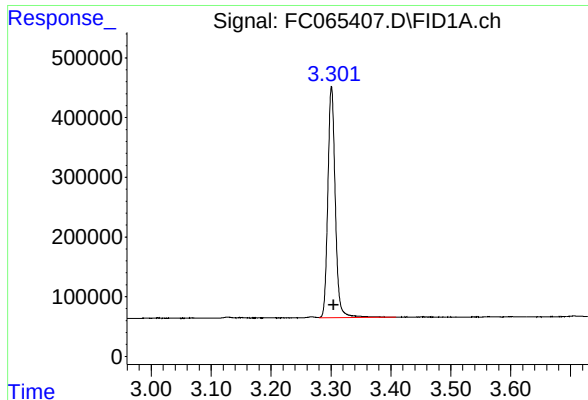
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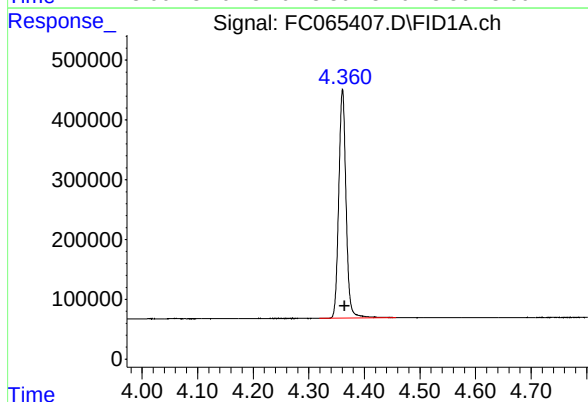




#1 n-Nonane (C9)

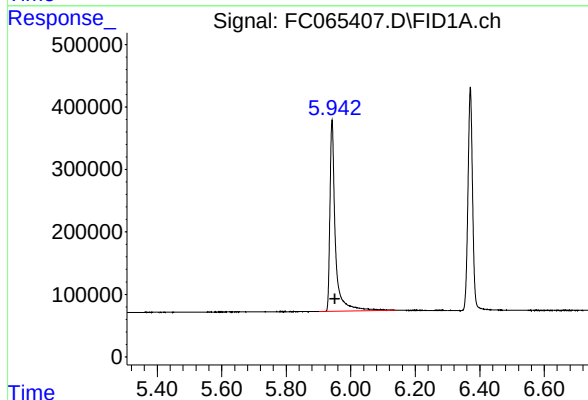
R.T.: 3.301 min
Delta R.T.: -0.004 min
Response: 3331231
Conc: 16.64 ug/ml

Instrument :
FID_C
ClientSampleId :



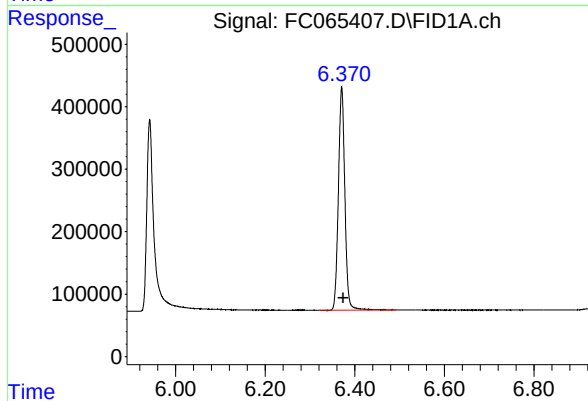
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 3485035
Conc: 17.34 ug/ml



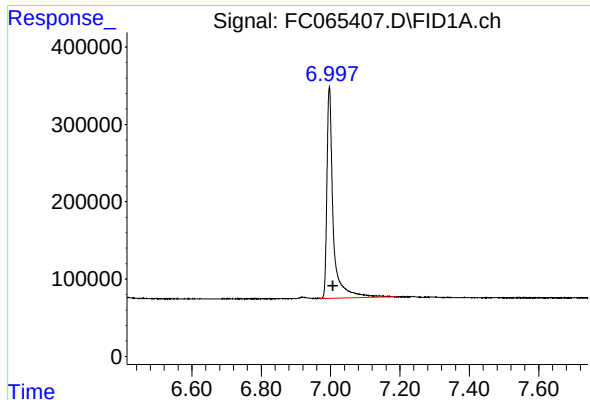
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.010 min
Response: 3601683
Conc: 17.74 ug/ml



#4 n-Dodecane (C12)

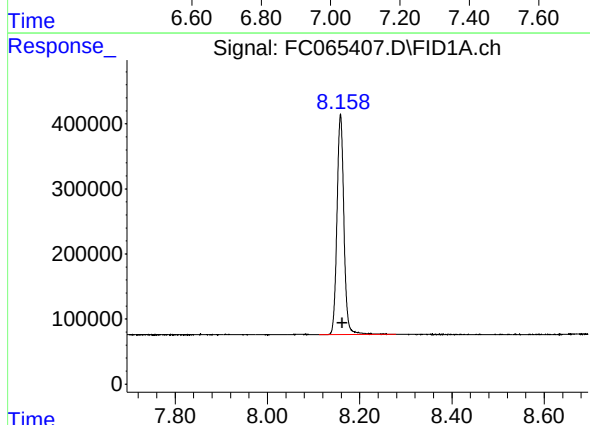
R.T.: 6.371 min
Delta R.T.: -0.004 min
Response: 3577049
Conc: 17.59 ug/ml



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

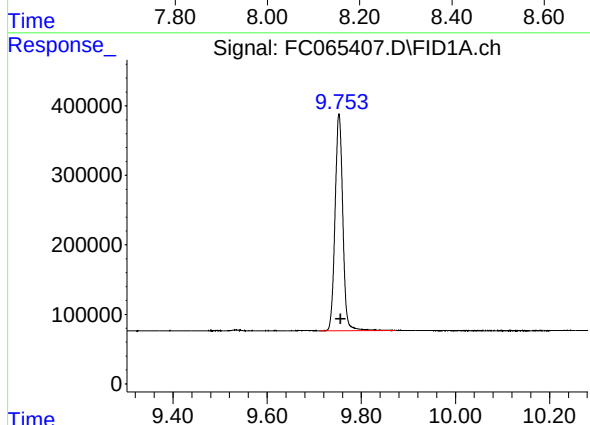
R.T.: 6.997 min
Delta R.T.: -0.010 min
Response: 3466270
Conc: 17.83 ug/ml

Instrument :
FID_C
ClientSampleId :



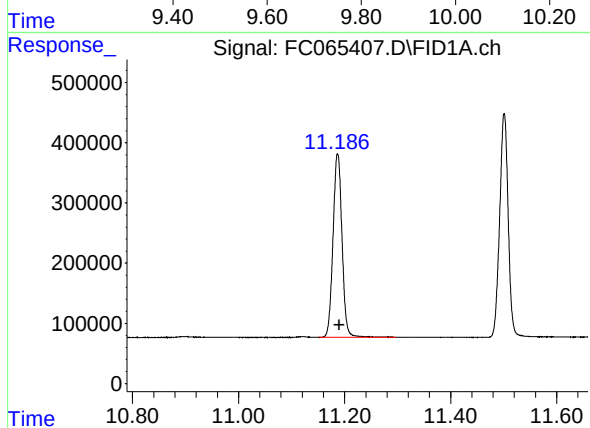
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.004 min
Response: 3528279
Conc: 17.75 ug/ml



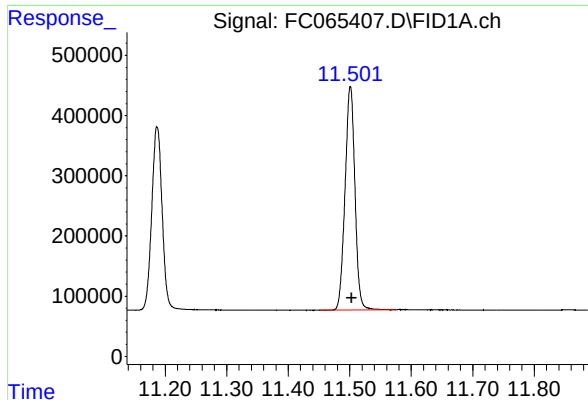
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: -0.003 min
Response: 3563730
Conc: 17.99 ug/ml



#8 n-Octadecane (C18)

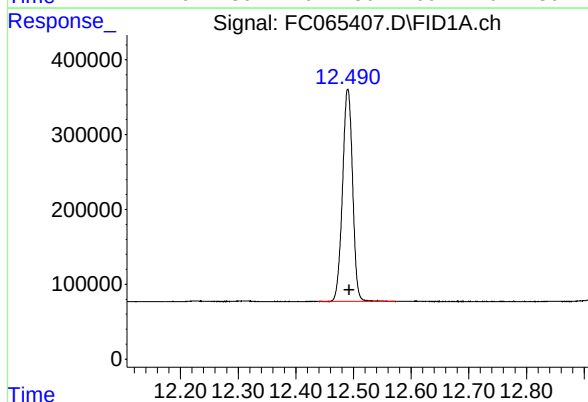
R.T.: 11.187 min
Delta R.T.: -0.003 min
Response: 3594167
Conc: 18.15 ug/ml



#9 ortho-Terphenyl (SURR)

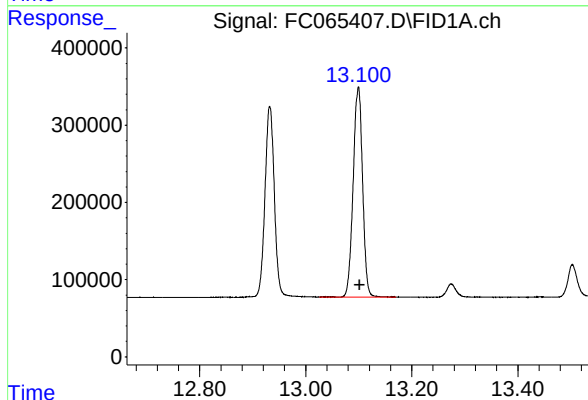
R.T.: 11.501 min
Delta R.T.: -0.002 min
Response: 4144438
Conc: 17.86 ug/ml

Instrument :
FID_C
ClientSampleId :



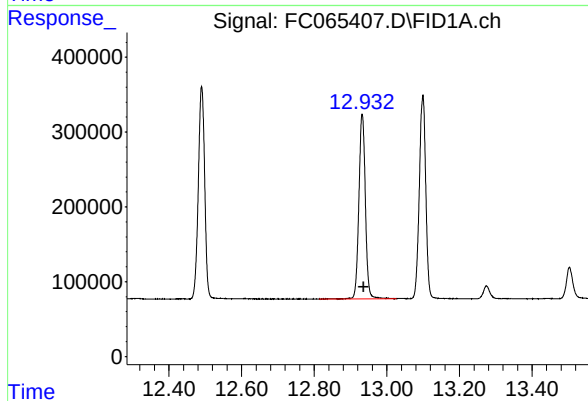
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 3451057
Conc: 18.24 ug/ml



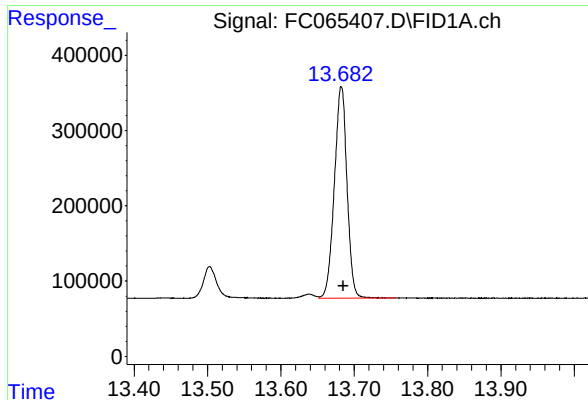
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 3366646
Conc: 18.22 ug/ml



#12 1-chlorooctadecane (SURR)

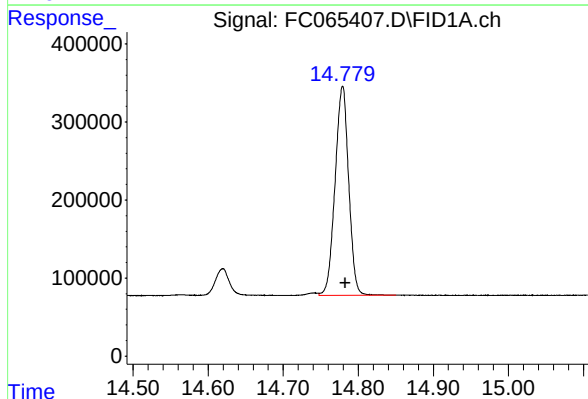
R.T.: 12.932 min
Delta R.T.: -0.004 min
Response: 3063534
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

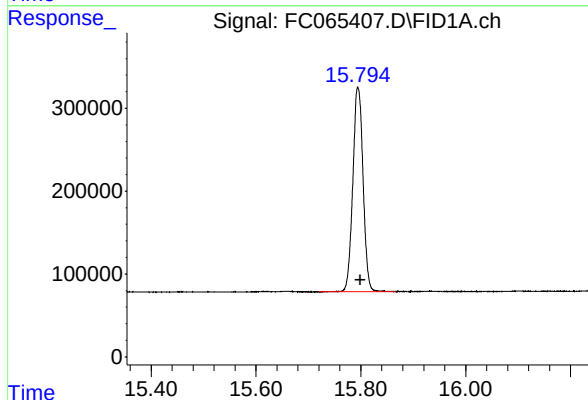
R.T.: 13.682 min
Delta R.T.: -0.003 min
Response: 3365805
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :



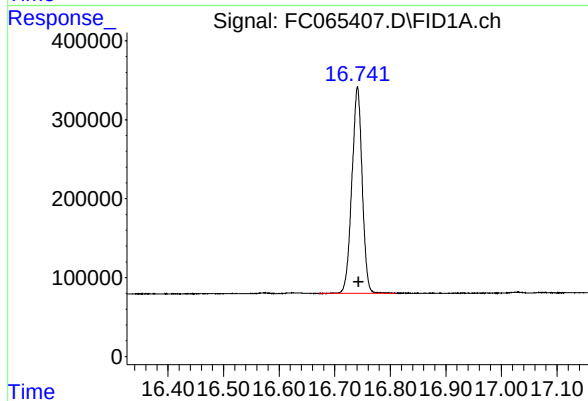
#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: -0.004 min
Response: 3372035
Conc: 19.45 ug/ml



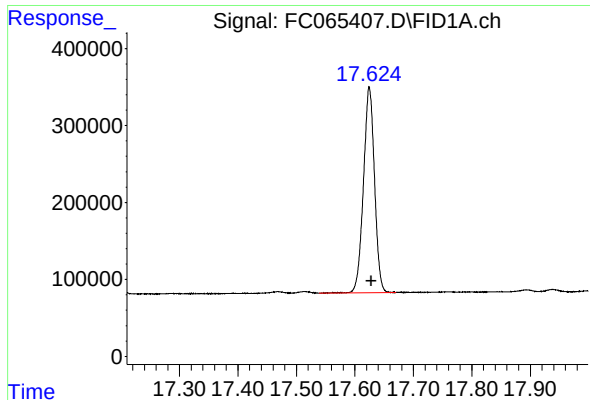
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: -0.005 min
Response: 3344276
Conc: 20.08 ug/ml



#16 n-Octacosane (C28)

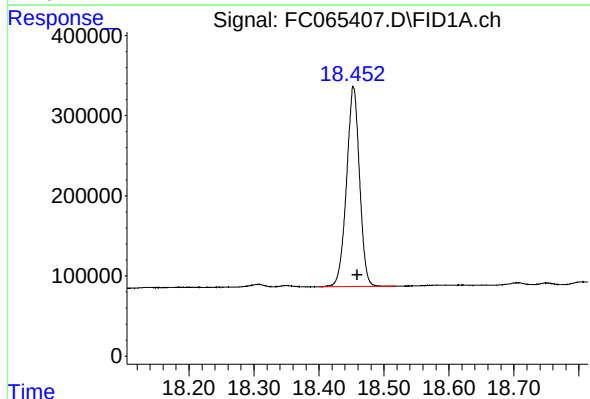
R.T.: 16.741 min
Delta R.T.: -0.003 min
Response: 3376361
Conc: 21.11 ug/ml



#17 n-Tricontane (C30)

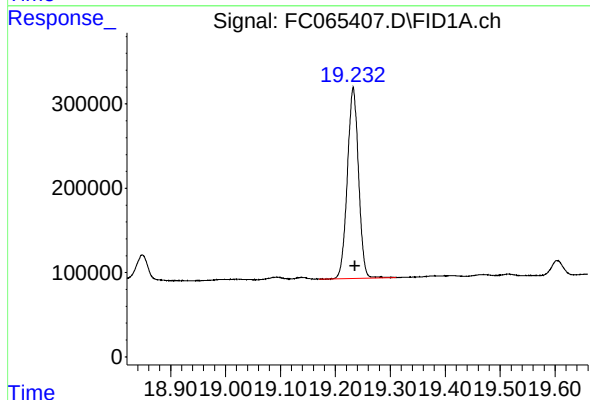
R.T.: 17.625 min
Delta R.T.: -0.003 min
Response: 3509714
Conc: 22.04 ug/ml

Instrument :
FID_C
ClientSampleId :



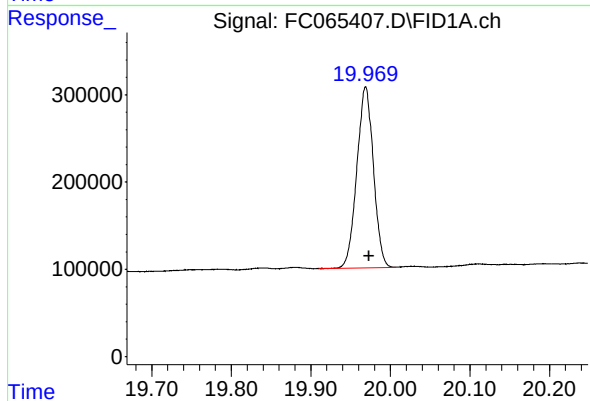
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: -0.005 min
Response: 3475849
Conc: 22.11 ug/ml



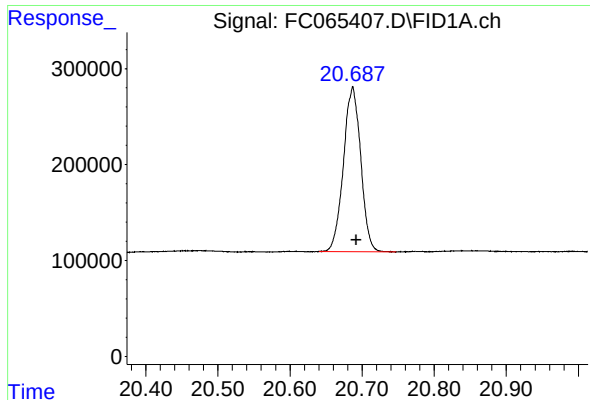
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: -0.003 min
Response: 3190139
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

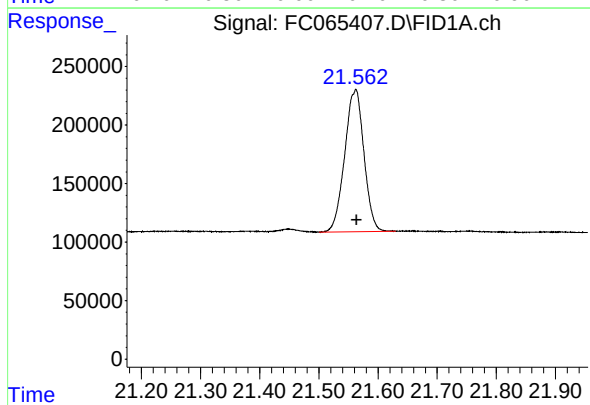
R.T.: 19.969 min
Delta R.T.: -0.004 min
Response: 3006178
Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.687 min
Delta R.T.: -0.005 min
Response: 2869199
Conc: 18.87 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.563 min
Delta R.T.: -0.001 min
Response: 2744486
Conc: 18.31 ug/ml