

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040725AL\
 Data File : FC068502.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2025 17:30
 Operator : YP/AJ
 Sample : Q1736-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GST2MS

Integration File: autoint1.e
 Quant Time: Apr 08 02:35:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 07 16:09:59 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)	11.727	5146164	39.908 ug/ml
Spiked Amount 50.000		Recovery =	79.82%
12) S 1-chlorooctadecane (S...	13.158	3943089	42.865 ug/ml
Spiked Amount 50.000		Recovery =	85.73%
Target Compounds			
1) T n-Nonane (C9)	3.465	4875280	43.751 ug/ml
2) T n-Decane (C10)	4.536	5158084	44.297 ug/ml
3) T A~Naphthalene (C11.7)	6.130	5874268	46.968 ug/ml
4) T n-Dodecane (C12)	6.557	5267306	46.575 ug/ml
5) T A~2-methylnaphthalene...	7.188	5352196	44.725 ug/ml
6) T n-Tetradecane (C14)	8.355	5232787	46.887 ug/ml
7) T n-Hexadecane (C16)	9.957	5290154	46.271 ug/ml
8) T n-Octadecane (C18)	11.402	5240139	45.703 ug/ml
10) T n-Eicosane (C20)	12.713	5333151	48.754 ug/ml
11) T n-Heneicosane (C21)	13.326	5085493	47.681 ug/ml
13) T n-Docosane (C22)	13.912	5014096	46.442 ug/ml
14) T n-Tetracosane (C24)	15.011	10129364	90.868 ug/ml
15) T n-Hexacosane (C26)	16.040	4773391	42.917 ug/ml
16) T n-Octacosane (C28)	16.990	4630495	41.820 ug/ml
17) T n-Tricontane (C30)	17.880	4550517	41.165 ug/ml
18) T n-Dotriacontane (C32)	18.713	4453308	42.780 ug/ml
19) T n-Tetratriacontane (C34)	19.498	4498977	50.102 ug/ml
20) T n-Hexatriacontane (C36)	20.240	4404073	58.830 ug/ml
21) T n-Octatriacontane (C38)	21.020	4480852	71.671 ug/ml
22) T n-Tetracontane (C40)	22.005	4466916	95.610 ug/ml

(f)=RT Delta > 1/2 Window

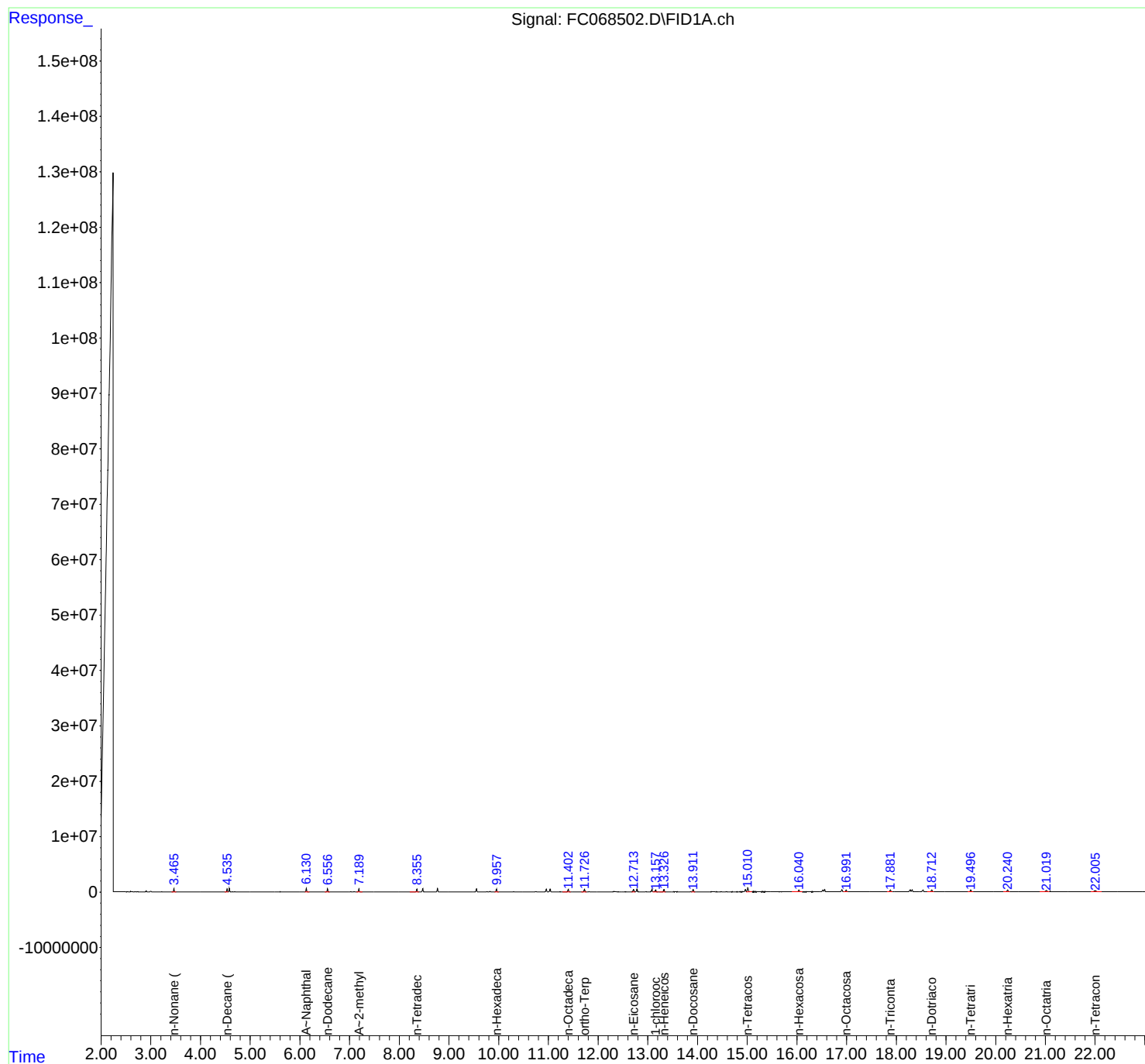
(m)=manual int.

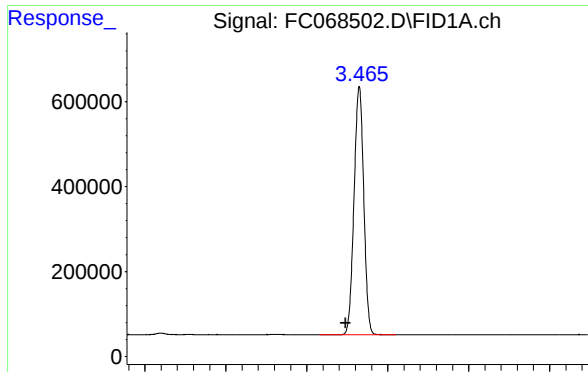
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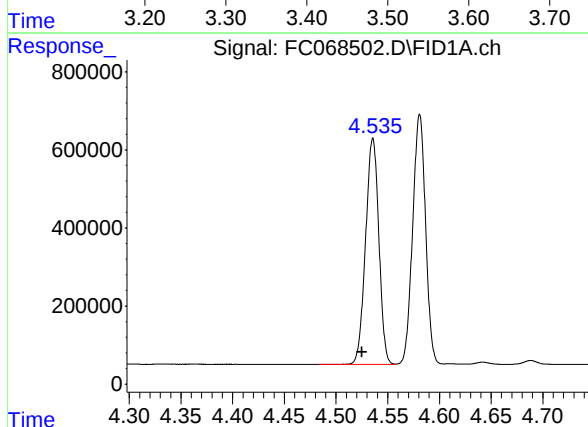




#1 n-Nonane (C9)

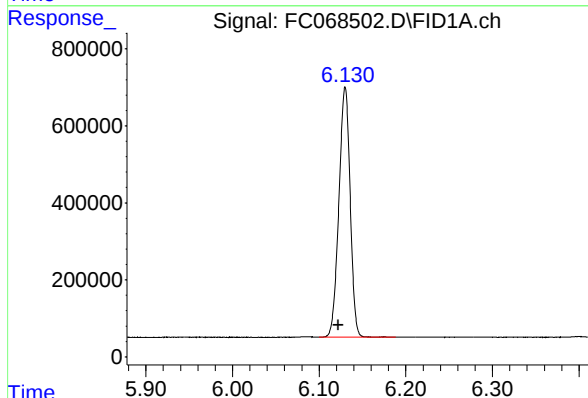
R.T.: 3.465 min
Delta R.T.: 0.017 min
Response: 4875280
Conc: 43.75 ug/ml

Instrument :
FID_C
ClientSampleId :
GST2MS



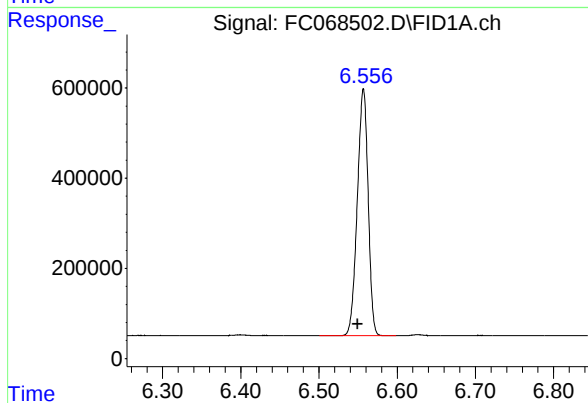
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: 0.011 min
Response: 5158084
Conc: 44.30 ug/ml



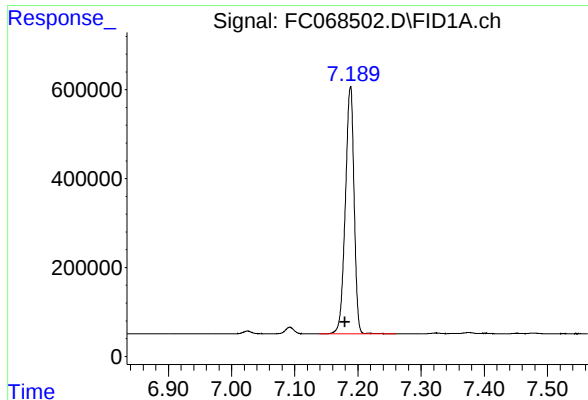
#3 A~Naphthalene (C11.7)

R.T.: 6.130 min
Delta R.T.: 0.008 min
Response: 5874268
Conc: 46.97 ug/ml



#4 n-Dodecane (C12)

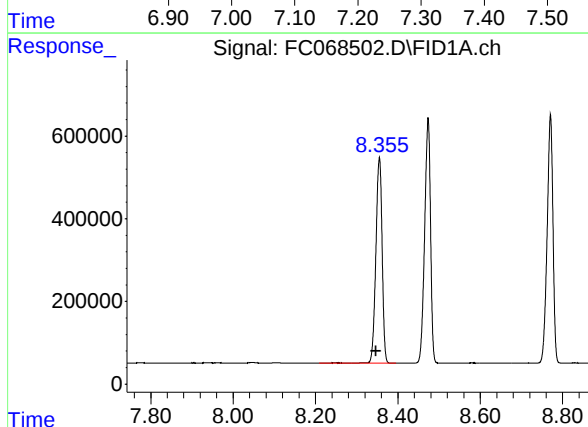
R.T.: 6.557 min
Delta R.T.: 0.007 min
Response: 5267306
Conc: 46.58 ug/ml



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

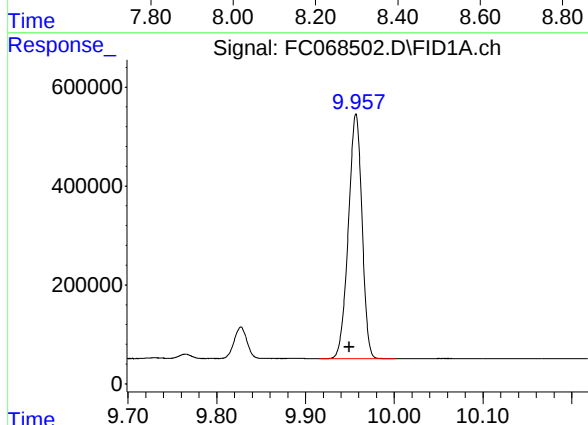
R.T.: 7.188 min
Delta R.T.: 0.009 min
Response: 5352196
Conc: 44.73 ug/ml

Instrument :
FID_C
ClientSampleId :
GST2MS



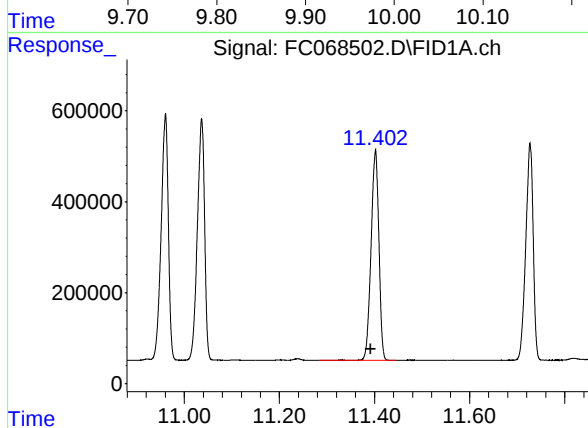
#6 n-Tetradecane (C14)

R.T.: 8.355 min
Delta R.T.: 0.008 min
Response: 5232787
Conc: 46.89 ug/ml



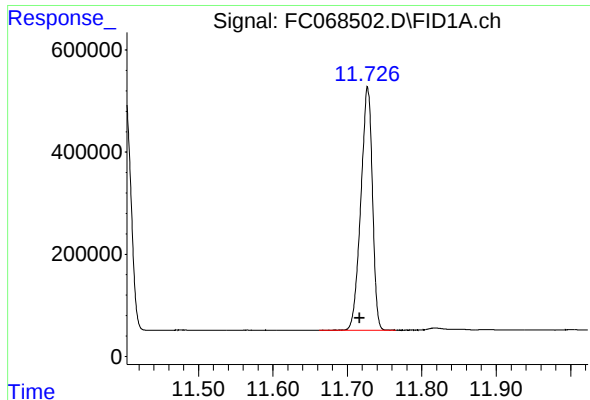
#7 n-Hexadecane (C16)

R.T.: 9.957 min
Delta R.T.: 0.008 min
Response: 5290154
Conc: 46.27 ug/ml



#8 n-Octadecane (C18)

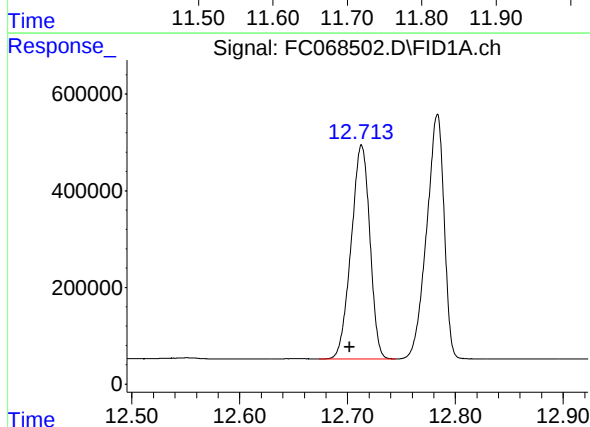
R.T.: 11.402 min
Delta R.T.: 0.010 min
Response: 5240139
Conc: 45.70 ug/ml



#9 ortho-Terphenyl (SURR)

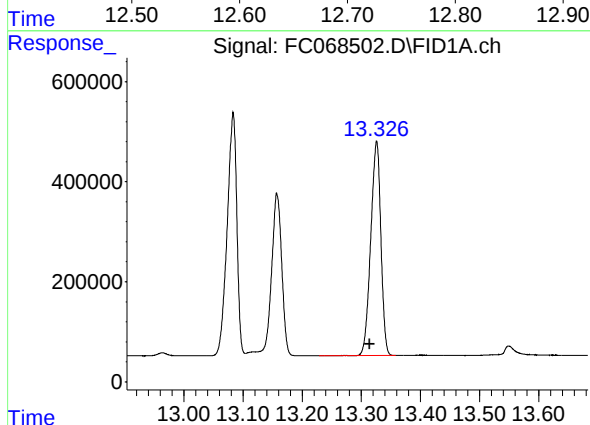
R.T.: 11.727 min
Delta R.T.: 0.011 min
Response: 5146164
Conc: 39.91 ug/ml

Instrument :
FID_C
ClientSampleId :
GST2MS



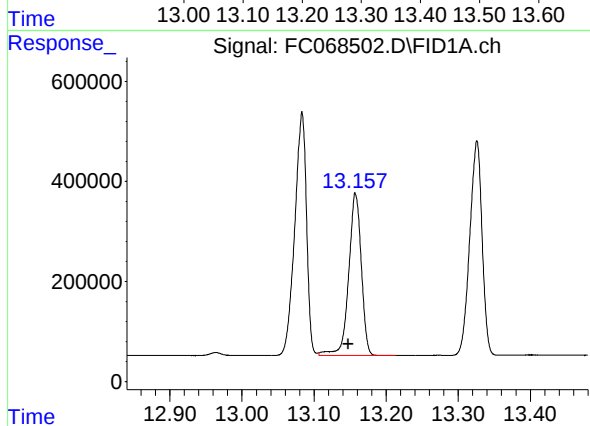
#10 n-Eicosane (C20)

R.T.: 12.713 min
Delta R.T.: 0.011 min
Response: 5333151
Conc: 48.75 ug/ml



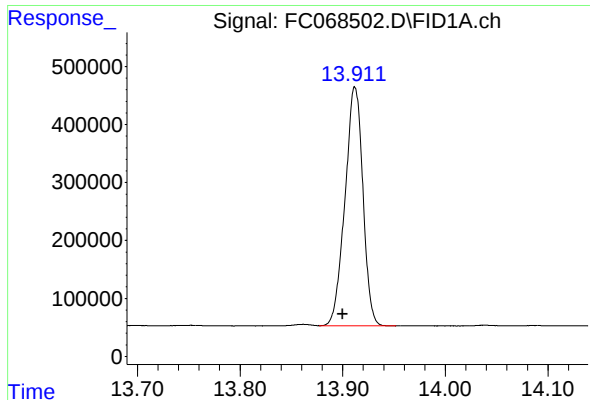
#11 n-Heneicosane (C21)

R.T.: 13.326 min
Delta R.T.: 0.012 min
Response: 5085493
Conc: 47.68 ug/ml



#12 1-chlorooctadecane (SURR)

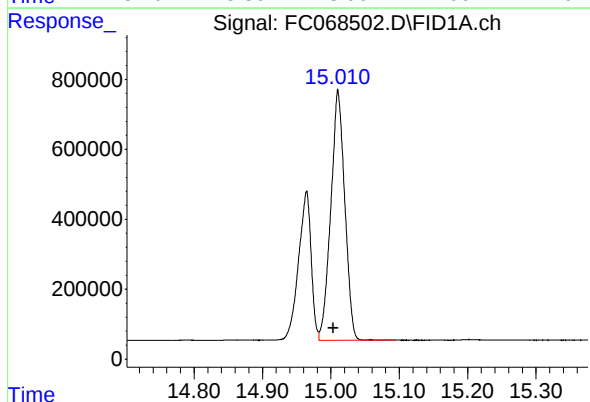
R.T.: 13.158 min
Delta R.T.: 0.010 min
Response: 3943089
Conc: 42.86 ug/ml



#13 n-Docosane (C22)

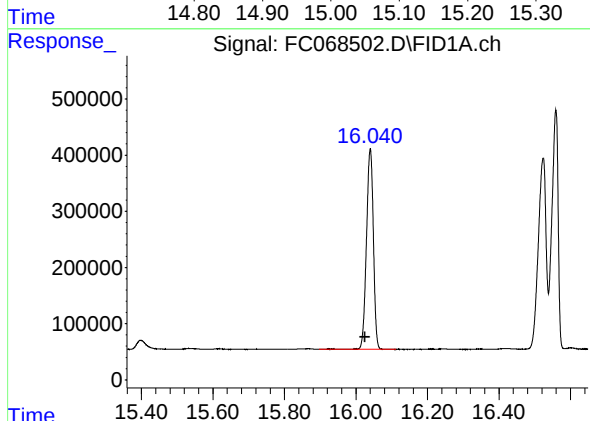
R.T.: 13.912 min
Delta R.T.: 0.012 min
Response: 5014096
Conc: 46.44 ug/ml

Instrument :
FID_C
ClientSampleId :
GST2MS



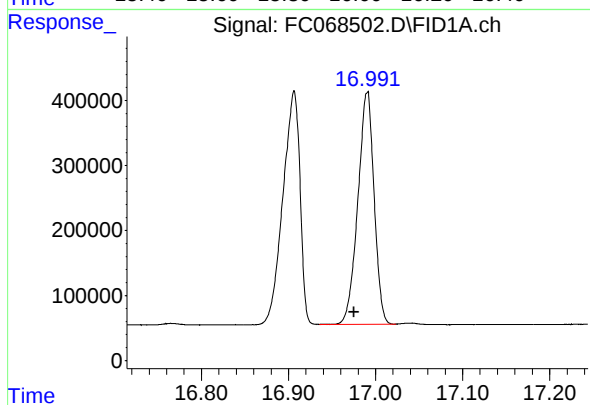
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.007 min
Response: 10129364
Conc: 90.87 ug/ml



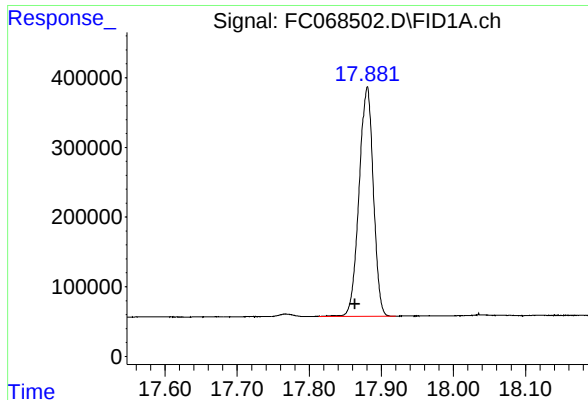
#15 n-Hexacosane (C26)

R.T.: 16.040 min
Delta R.T.: 0.015 min
Response: 4773391
Conc: 42.92 ug/ml



#16 n-Octacosane (C28)

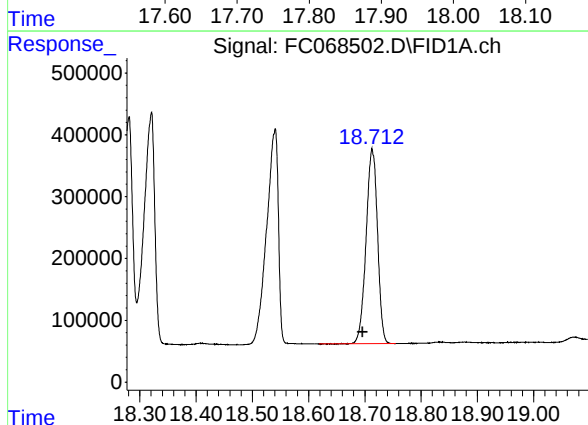
R.T.: 16.990 min
Delta R.T.: 0.015 min
Response: 4630495
Conc: 41.82 ug/ml



#17 n-Tricontane (C30)

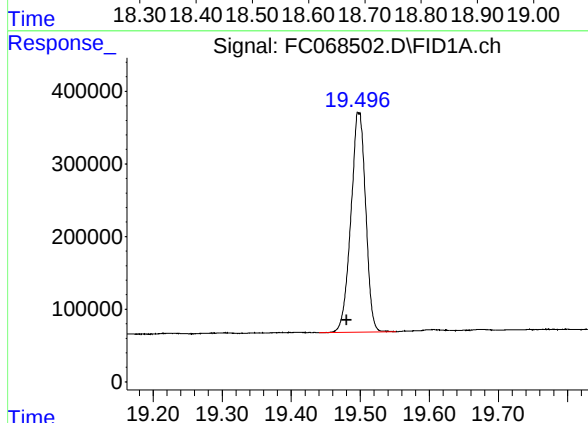
R.T.: 17.880 min
Delta R.T.: 0.017 min
Response: 4550517
Conc: 41.17 ug/ml

Instrument :
FID_C
ClientSampleId :
GST2MS



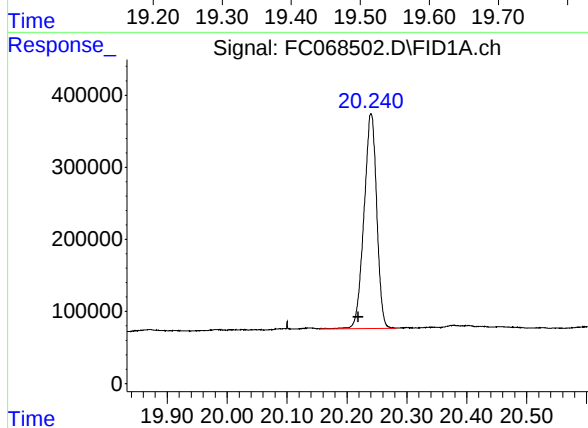
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: 0.017 min
Response: 4453308
Conc: 42.78 ug/ml



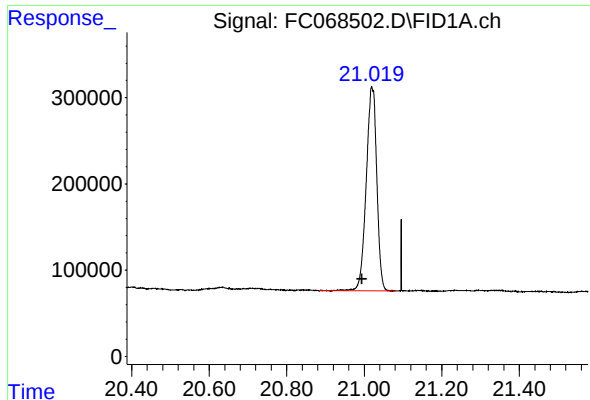
#19 n-Tetratriacontane (C34)

R.T.: 19.498 min
Delta R.T.: 0.018 min
Response: 4498977
Conc: 50.10 ug/ml



#20 n-Hexatriacontane (C36)

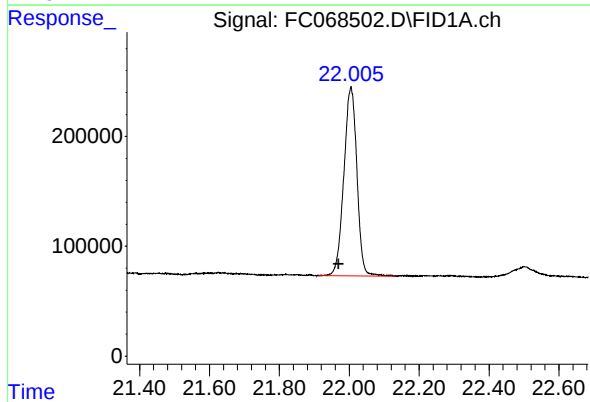
R.T.: 20.240 min
Delta R.T.: 0.021 min
Response: 4404073
Conc: 58.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.020 min
Delta R.T.: 0.026 min
Response: 4480852
Conc: 71.67 ug/ml

Instrument :
FID_C
ClientSampleId :
GST2MS



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: 0.035 min
Response: 4466916
Conc: 95.61 ug/ml