

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
 Data File : FC069337.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 20:31
 Operator : YP/AJ
 Sample : Q2452-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-5MSD

Integration File: autoint1.e
 Quant Time: Jul 01 05:06:00 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)	11.680	5659971	32.762 ug/ml
Spiked Amount 50.000		Recovery =	65.52%
12) S 1-chlorooctadecane (S...	13.115	4554355	34.861 ug/ml
Spiked Amount 50.000		Recovery =	69.72%
Target Compounds			
1) T n-Nonane (C9)	3.407	4687365	32.959 ug/ml
2) T n-Decane (C10)	4.482	5379255	36.745 ug/ml
3) T A~Naphthalene (C11.7)	6.077	6900946	42.891 ug/ml
4) T n-Dodecane (C12)	6.506	6031813	39.834 ug/ml
5) T A~2-methylnaphthalene...	7.137	6801493	42.980 ug/ml
6) T n-Tetradecane (C14)	8.309	6624562	42.738 ug/ml
7) T n-Hexadecane (C16)	9.912	7336708	44.896 ug/ml
8) T n-Octadecane (C18)	11.358	7507987	45.985 ug/ml
10) T n-Eicosane (C20)	12.671	7611057	49.863 ug/ml
11) T n-Heneicosane (C21)	13.283	7191400	48.791 ug/ml
13) T n-Docosane (C22)	13.870	7037870	48.914 ug/ml
14) T n-Tetracosane (C24)	14.972	13874842	100.593 ug/ml
15) T n-Hexacosane (C26)	16.000	6434857	49.225 ug/ml
16) T n-Octacosane (C28)	16.949	6166001	49.996 ug/ml
17) T n-Tricontane (C30)	17.841	5969025	50.209 ug/ml
18) T n-Dotriacontane (C32)	18.672	5791958	52.973 ug/ml
19) T n-Tetratriacontane (C34)	19.457	5945968	61.574 ug/ml
20) T n-Hexatriacontane (C36)	20.198	5667777	68.773 ug/ml
21) T n-Octatriacontane (C38)	20.966	5726483	76.628 ug/ml
22) T n-Tetracontane (C40)	21.938	5572609	78.691 ug/ml

(f)=RT Delta > 1/2 Window

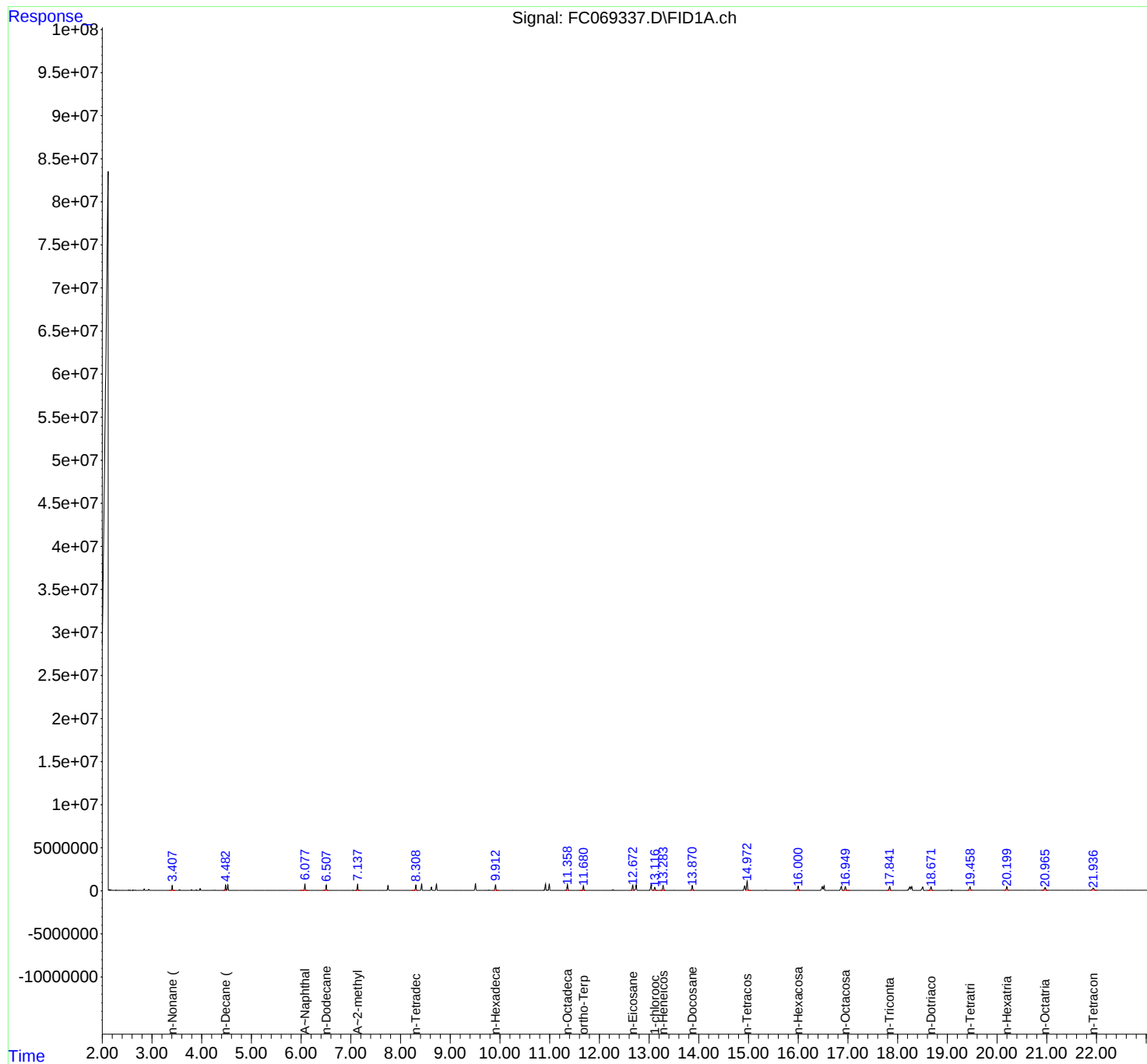
(m)=manual int.

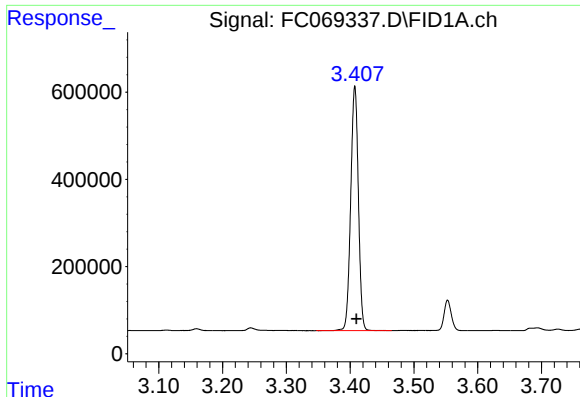
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
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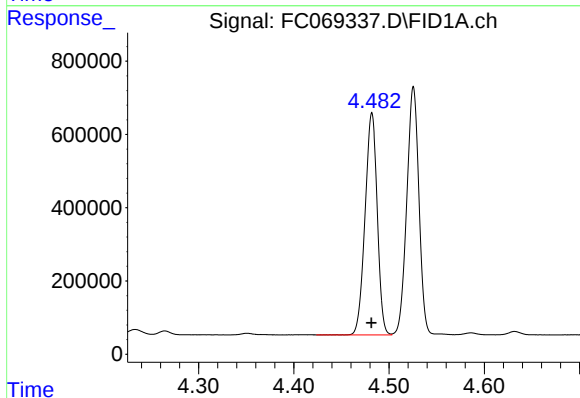




#1 n-Nonane (C9)

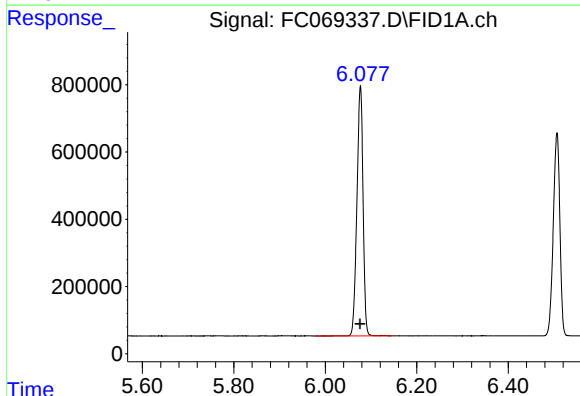
R.T.: 3.407 min
Delta R.T.: -0.003 min
Response: 4687365
Conc: 32.96 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-5MSD



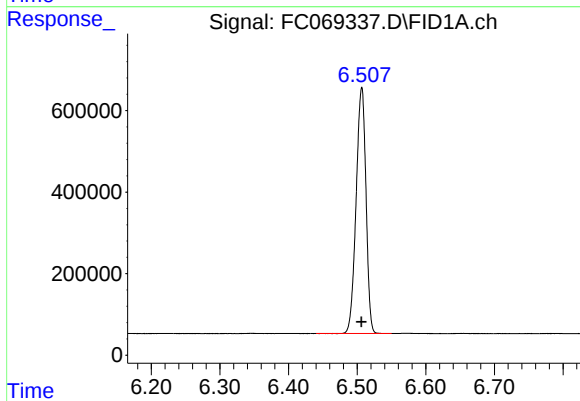
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 5379255
Conc: 36.74 ug/ml



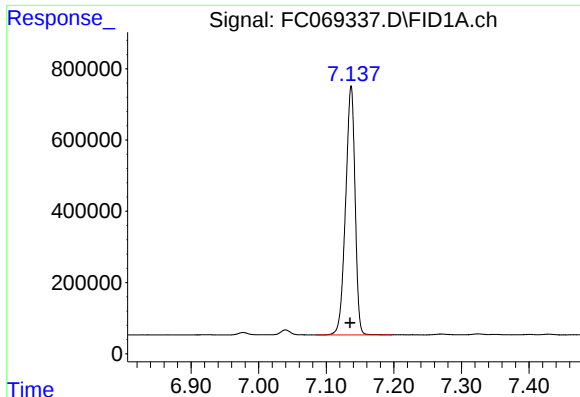
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6900946
Conc: 42.89 ug/ml



#4 n-Dodecane (C12)

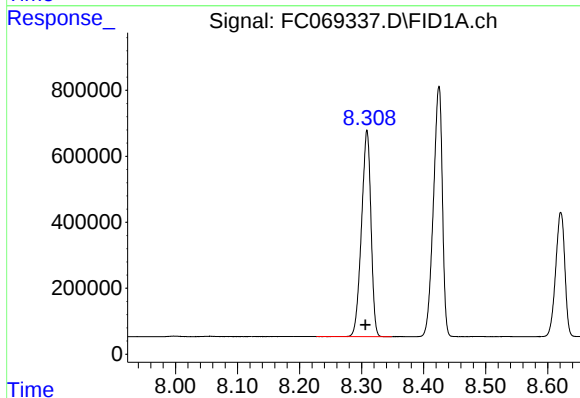
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 6031813
Conc: 39.83 ug/ml



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

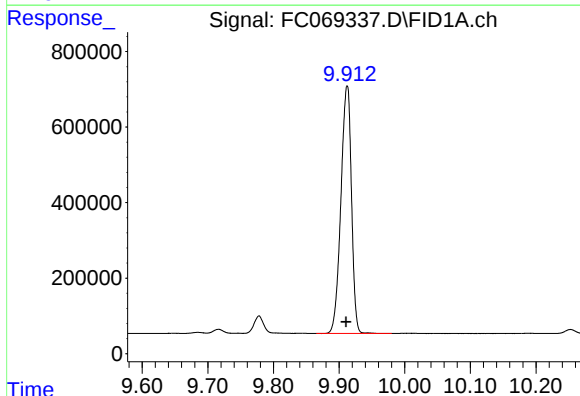
R.T.: 7.137 min
Delta R.T.: 0.001 min
Response: 6801493
Conc: 42.98 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-5MSD



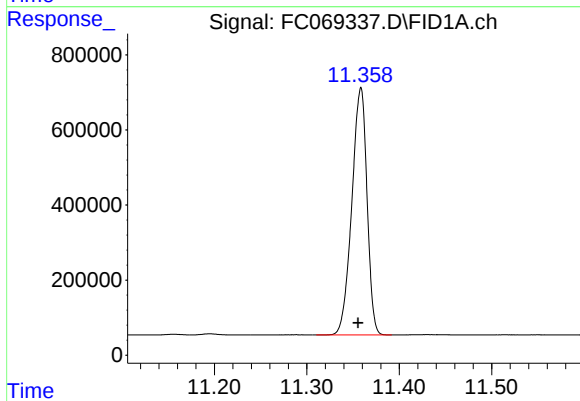
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 6624562
Conc: 42.74 ug/ml



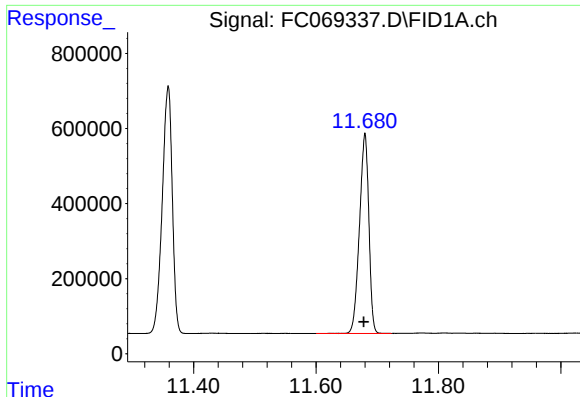
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.001 min
Response: 7336708
Conc: 44.90 ug/ml



#8 n-Octadecane (C18)

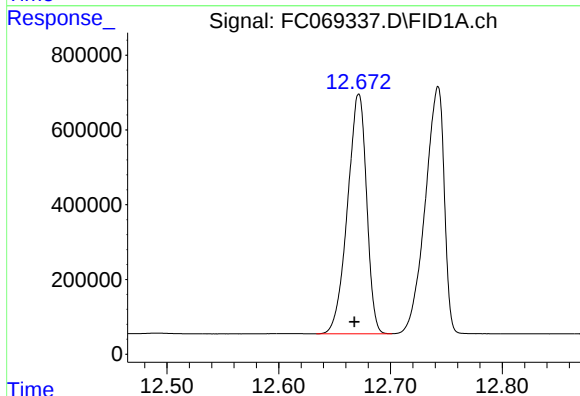
R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 7507987
Conc: 45.98 ug/ml



#9 ortho-Terphenyl (SURR)

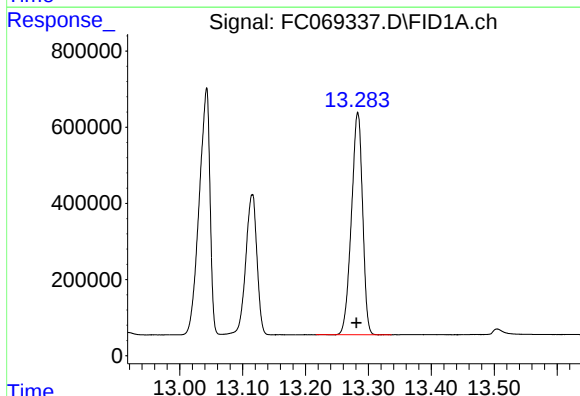
R.T.: 11.680 min
Delta R.T.: 0.002 min
Response: 5659971
Conc: 32.76 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-5MSD



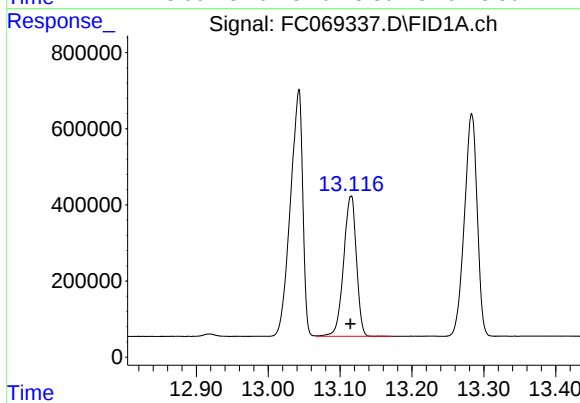
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.004 min
Response: 7611057
Conc: 49.86 ug/ml



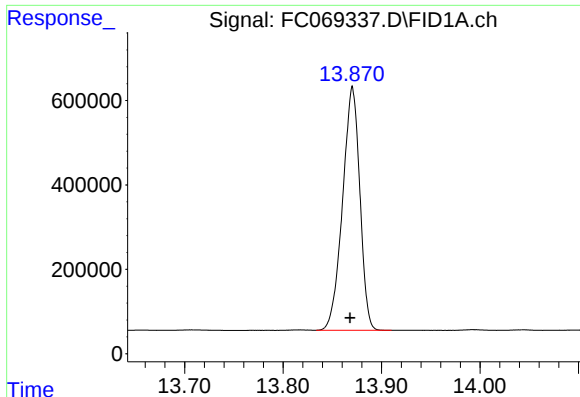
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.002 min
Response: 7191400
Conc: 48.79 ug/ml



#12 1-chlorooctadecane (SURR)

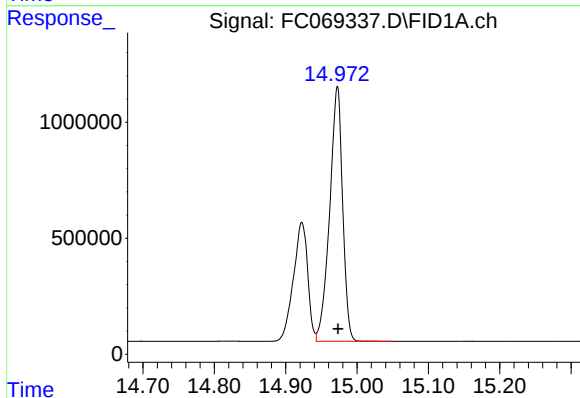
R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 4554355
Conc: 34.86 ug/ml



#13 n-Docosane (C22)

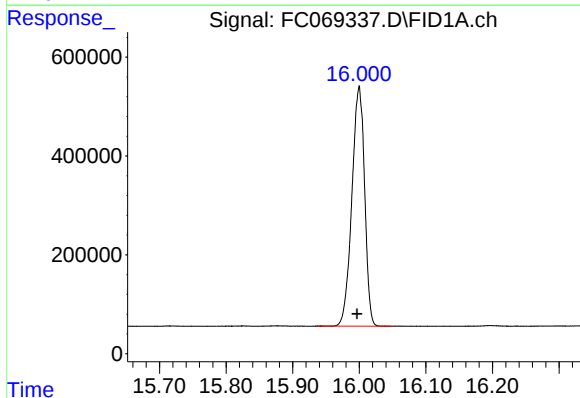
R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 7037870
Conc: 48.91 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-5MSD



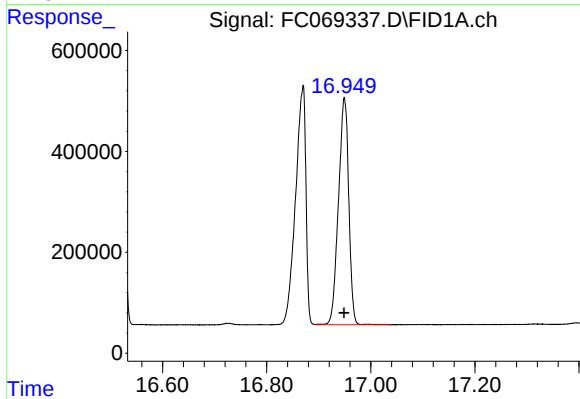
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.001 min
Response: 13874842
Conc: 100.59 ug/ml



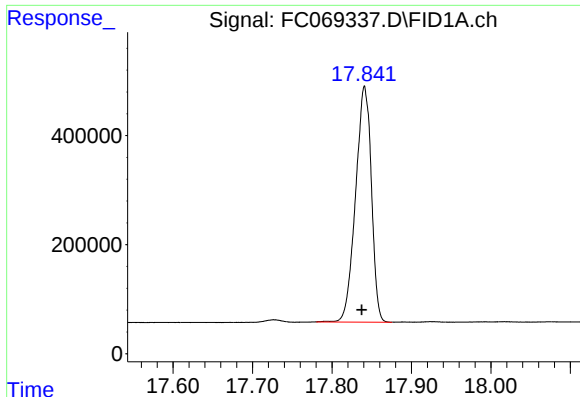
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: 0.003 min
Response: 6434857
Conc: 49.23 ug/ml



#16 n-Octacosane (C28)

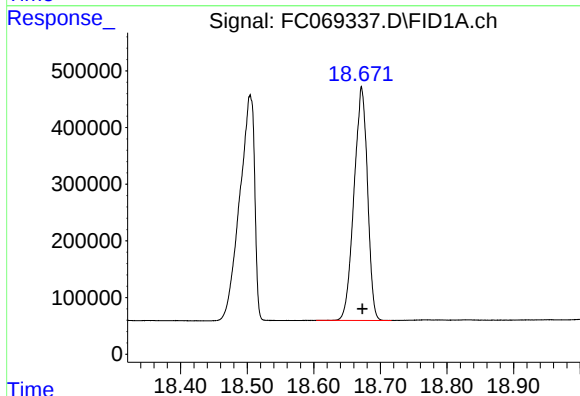
R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 6166001
Conc: 50.00 ug/ml



#17 n-Tricontane (C30)

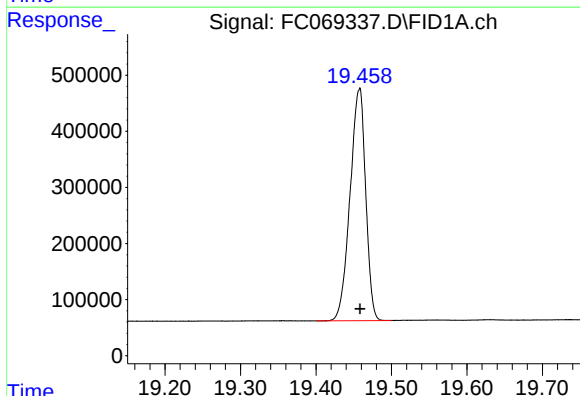
R.T.: 17.841 min
Delta R.T.: 0.004 min
Response: 5969025
Conc: 50.21 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-5MSD



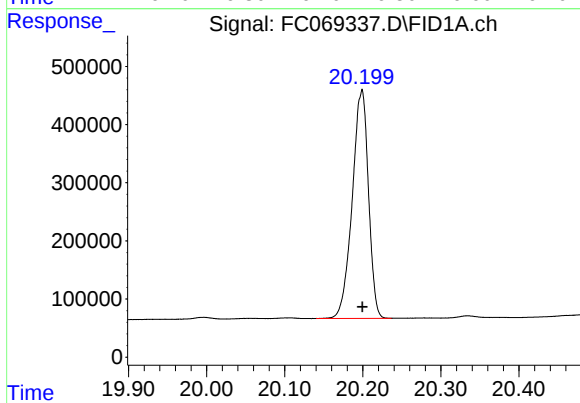
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.001 min
Response: 5791958
Conc: 52.97 ug/ml



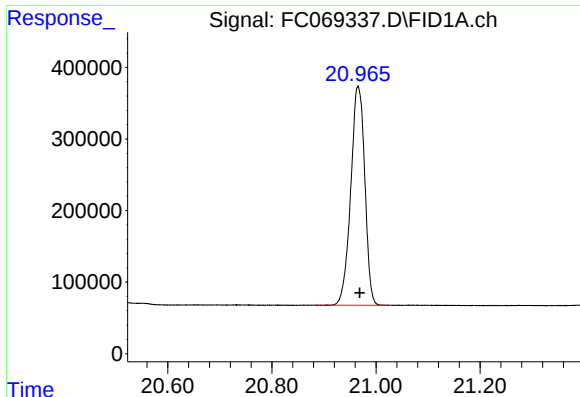
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.001 min
Response: 5945968
Conc: 61.57 ug/ml



#20 n-Hexatriacontane (C36)

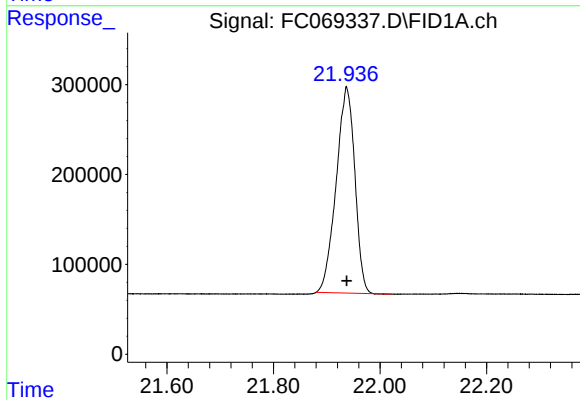
R.T.: 20.198 min
Delta R.T.: -0.001 min
Response: 5667777
Conc: 68.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.003 min
Response: 5726483
Conc: 76.63 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-5MSD



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: 0.000 min
Response: 5572609
Conc: 78.69 ug/ml