

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
 Data File : FC069553.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2025 19:46
 Operator : YP/AJ
 Sample : Q2706-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RT-5417MSD

Integration File: autoint1.e
 Quant Time: Jul 29 01:18:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.676	5511304	37.137 ug/ml
Spiked Amount 50.000		Recovery =	74.27%
12) S 1-chlorooctadecane (S...	13.110	4406683	38.994 ug/ml
Spiked Amount 50.000		Recovery =	77.99%
Target Compounds			
1) T n-Nonane (C9)	3.405	4057702	29.818 ug/ml
2) T n-Decane (C10)	4.478	4612479	33.140 ug/ml
3) T A~Naphthalene (C11.7)	6.073	5509706	36.462 ug/ml
4) T n-Dodecane (C12)	6.502	4947964	34.910 ug/ml
5) T A~2-methylnaphthalene...	7.133	5237219	35.848 ug/ml
6) T n-Tetradecane (C14)	8.303	5162097	36.306 ug/ml
7) T n-Hexadecane (C16)	9.907	5639360	38.636 ug/ml
8) T n-Octadecane (C18)	11.353	5782588	40.199 ug/ml
10) T n-Eicosane (C20)	12.665	5901590	43.960 ug/ml
11) T n-Heneicosane (C21)	13.278	5599520	43.109 ug/ml
13) T n-Docosane (C22)	13.865	5486910	43.201 ug/ml
14) T n-Tetracosane (C24)	14.966	10634886	87.134 ug/ml
15) T n-Hexacosane (C26)	15.995	5060099	43.553 ug/ml
16) T n-Octacosane (C28)	16.944	4886037	44.133 ug/ml
17) T n-Tricontane (C30)	17.835	4798528	43.822 ug/ml
18) T n-Dotriacontane (C32)	18.667	4706328	45.353 ug/ml
19) T n-Tetratriacontane (C34)	19.454	4697993	49.858 ug/ml
20) T n-Hexatriacontane (C36)	20.196	4245643	51.401 ug/ml
21) T n-Octatriacontane (C38)	20.962	4185202	55.102 ug/ml
22) T n-Tetracontane (C40)	21.929	3957491	54.028 ug/ml

(f)=RT Delta > 1/2 Window

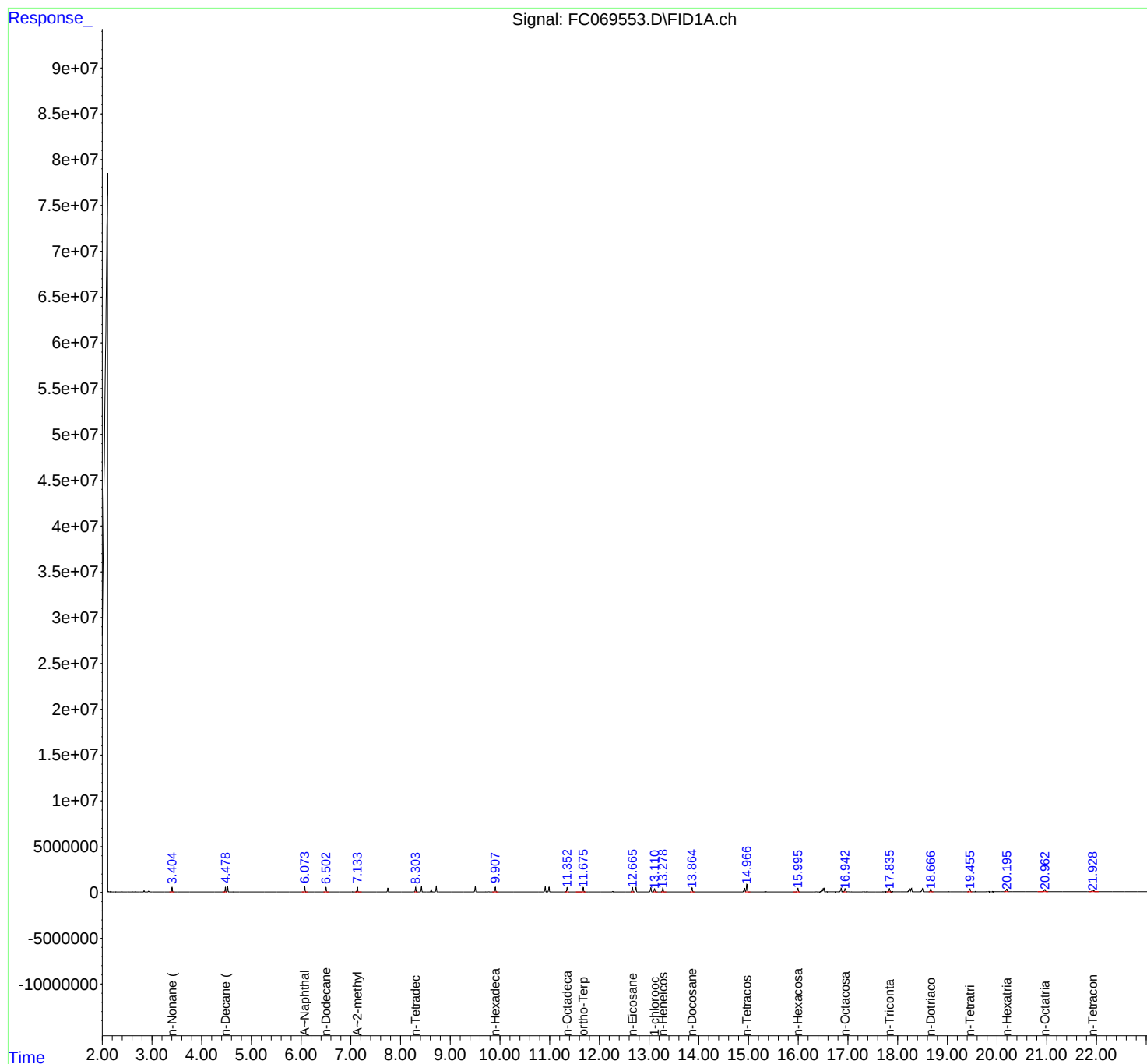
(m)=manual int.

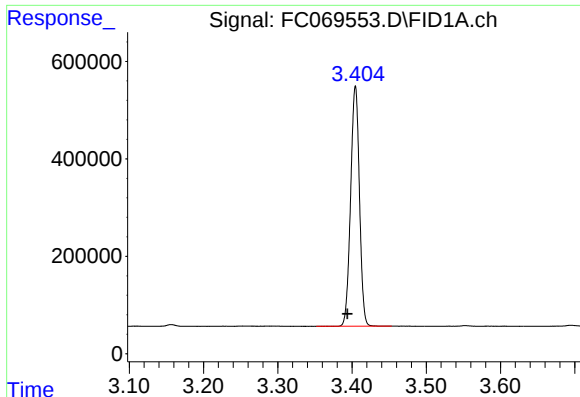
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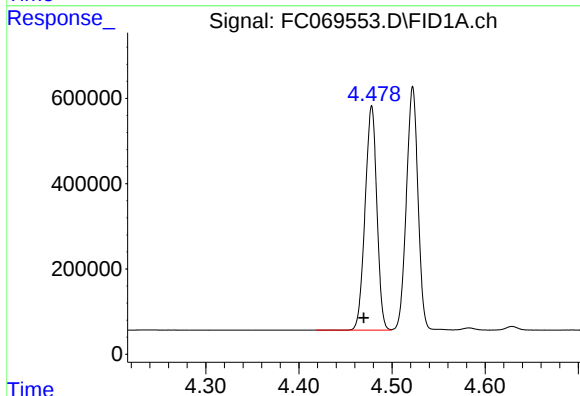




#1 n-Nonane (C9)

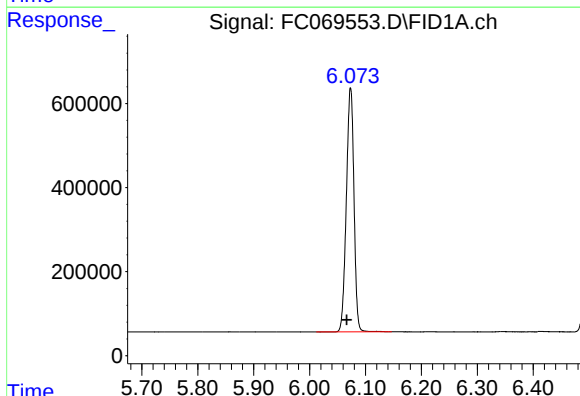
R.T.: 3.405 min
Delta R.T.: 0.011 min
Response: 4057702
Conc: 29.82 ug/ml

Instrument :
FID_C
ClientSampleId :
RT-5417MSD



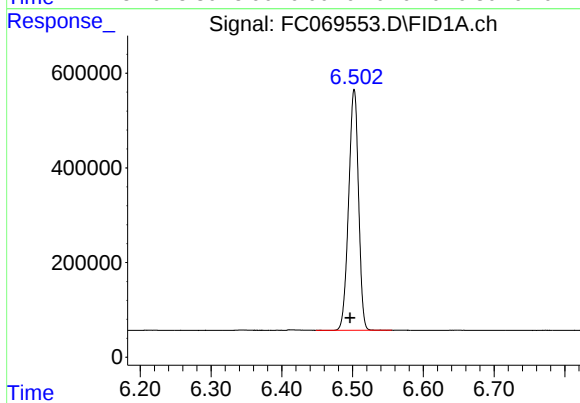
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.008 min
Response: 4612479
Conc: 33.14 ug/ml



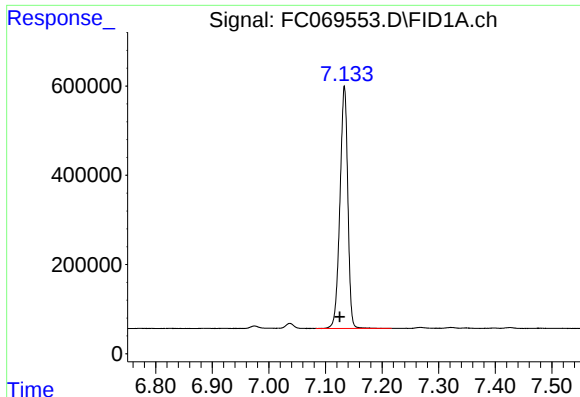
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.007 min
Response: 5509706
Conc: 36.46 ug/ml



#4 n-Dodecane (C12)

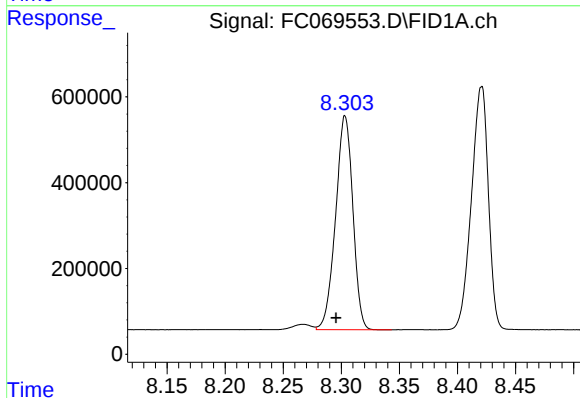
R.T.: 6.502 min
Delta R.T.: 0.006 min
Response: 4947964
Conc: 34.91 ug/ml



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

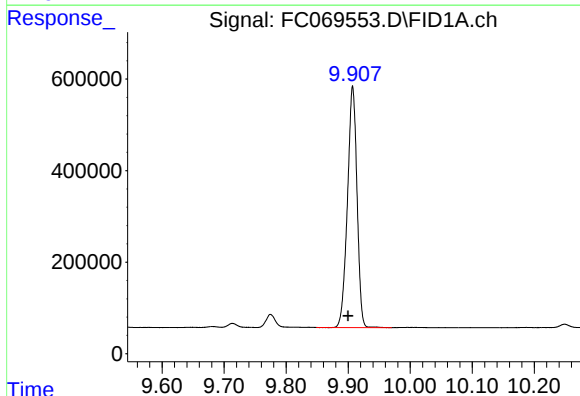
R.T.: 7.133 min
Delta R.T.: 0.008 min
Response: 5237219
Conc: 35.85 ug/ml

Instrument :
FID_C
ClientSampleId :
RT-5417MSD



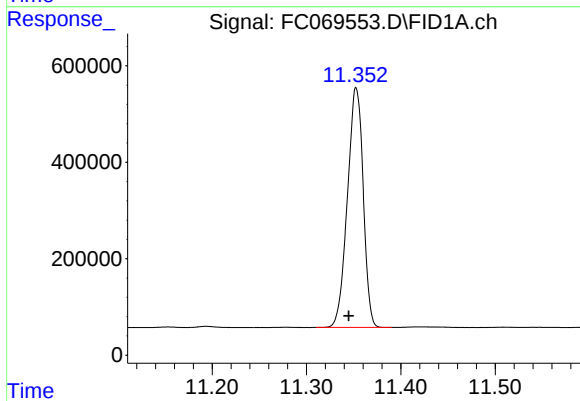
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: 0.008 min
Response: 5162097
Conc: 36.31 ug/ml



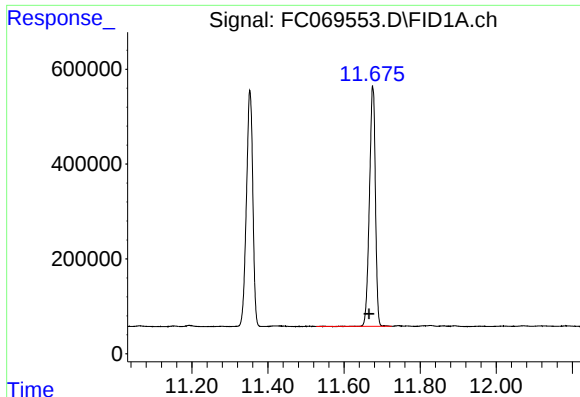
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.008 min
Response: 5639360
Conc: 38.64 ug/ml



#8 n-Octadecane (C18)

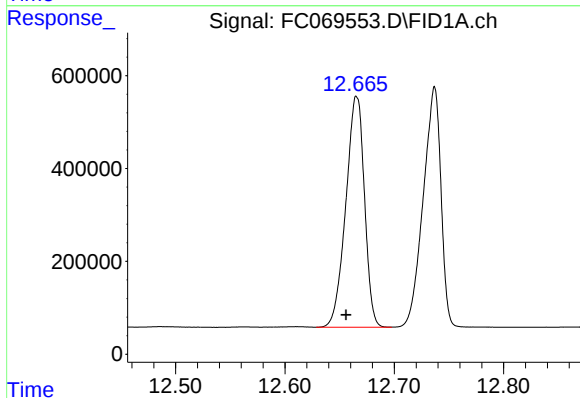
R.T.: 11.353 min
Delta R.T.: 0.008 min
Response: 5782588
Conc: 40.20 ug/ml



#9 ortho-Terphenyl (SURR)

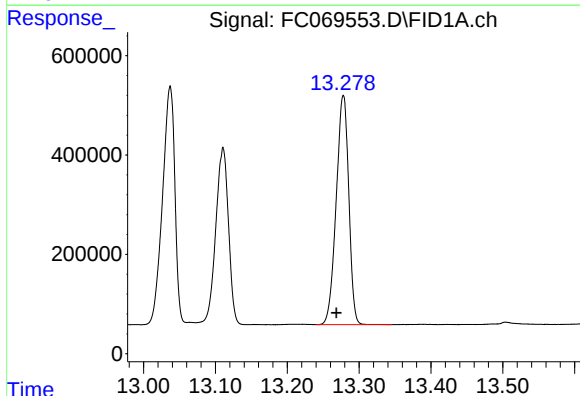
R.T.: 11.676 min
Delta R.T.: 0.010 min
Response: 5511304
Conc: 37.14 ug/ml

Instrument :
FID_C
ClientSampleId :
RT-5417MSD



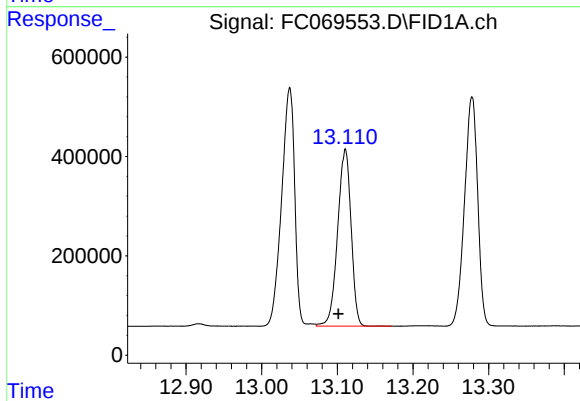
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: 0.010 min
Response: 5901590
Conc: 43.96 ug/ml



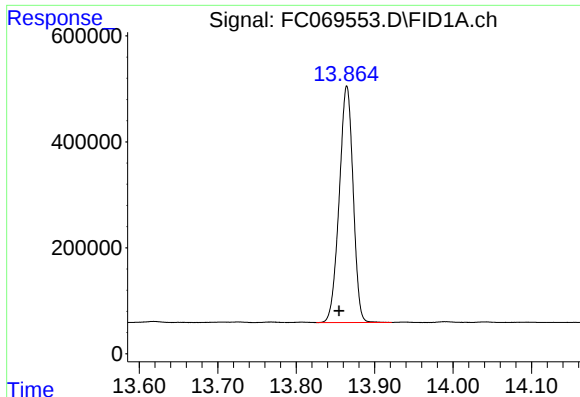
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: 0.010 min
Response: 5599520
Conc: 43.11 ug/ml



#12 1-chlorooctadecane (SURR)

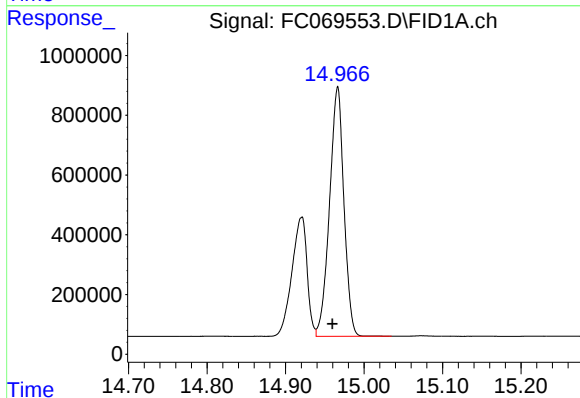
R.T.: 13.110 min
Delta R.T.: 0.009 min
Response: 4406683
Conc: 38.99 ug/ml



#13 n-Docosane (C22)

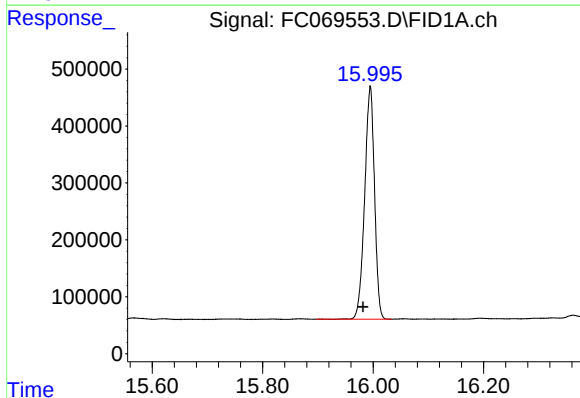
R.T.: 13.865 min
Delta R.T.: 0.010 min
Response: 5486910
Conc: 43.20 ug/ml

Instrument :
FID_C
ClientSampleId :
RT-5417MSD



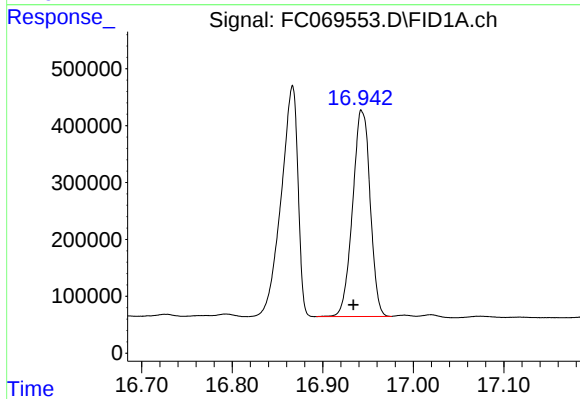
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.007 min
Response: 10634886
Conc: 87.13 ug/ml



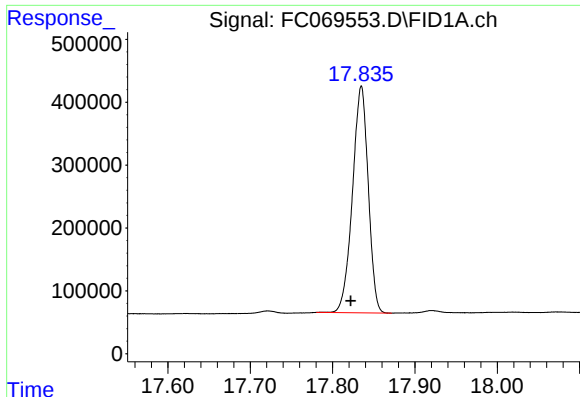
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: 0.013 min
Response: 5060099
Conc: 43.55 ug/ml



#16 n-Octacosane (C28)

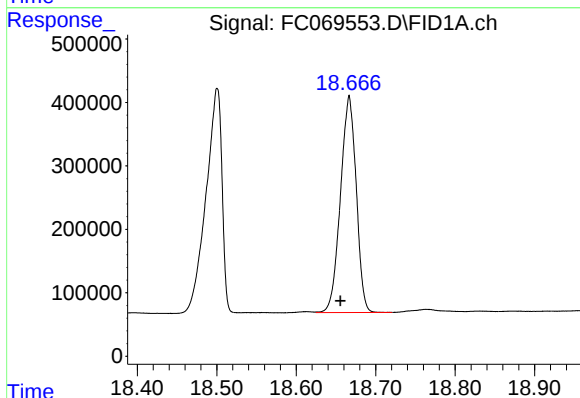
R.T.: 16.944 min
Delta R.T.: 0.010 min
Response: 4886037
Conc: 44.13 ug/ml



#17 n-Tricontane (C30)

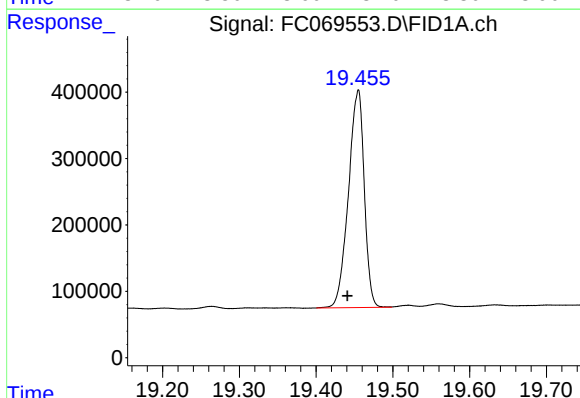
R.T.: 17.835 min
Delta R.T.: 0.013 min
Response: 4798528
Conc: 43.82 ug/ml

Instrument :
FID_C
ClientSampleId :
RT-5417MSD



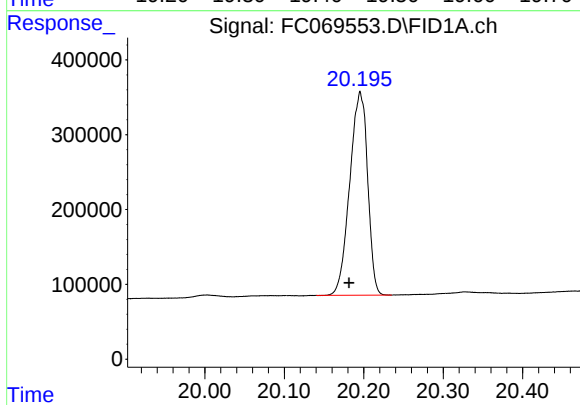
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: 0.011 min
Response: 4706328
Conc: 45.35 ug/ml



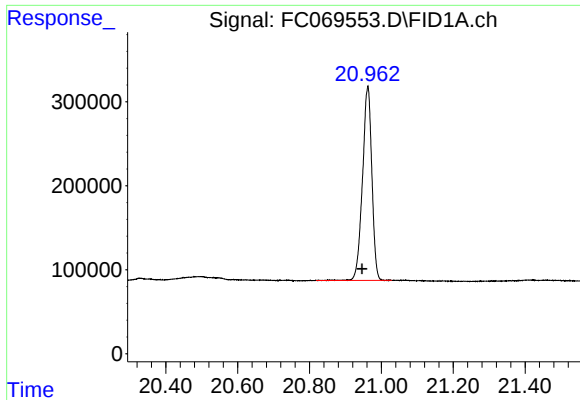
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.014 min
Response: 4697993
Conc: 49.86 ug/ml



#20 n-Hexatriacontane (C36)

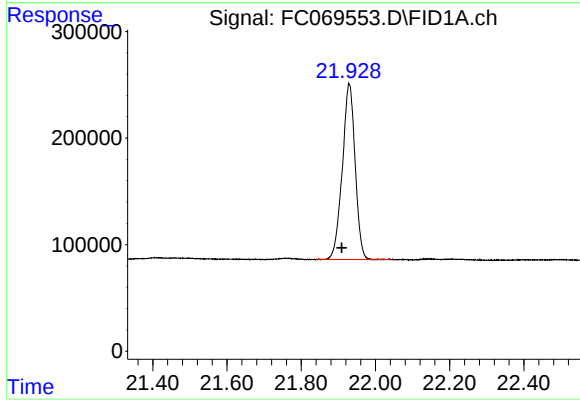
R.T.: 20.196 min
Delta R.T.: 0.014 min
Response: 4245643
Conc: 51.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: 0.016 min
Response: 4185202
Conc: 55.10 ug/ml

Instrument :
FID_C
ClientSampleId :
RT-5417MSD



#22 n-Tetracontane (C40)

R.T.: 21.929 min
Delta R.T.: 0.020 min
Response: 3957491
Conc: 54.03 ug/ml