

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080825AL\
 Data File : FC069623.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2025 16:51
 Operator : YP/AJ
 Sample : PB169177BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169177BSD

Integration File: autoint1.e
 Quant Time: Aug 11 01:18:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.667	5442131	36.479 ug/ml
Spiked Amount 50.000		Recovery =	72.96%
12) S 1-chlorooctadecane (S...	13.102	4228814	38.788 ug/ml
Spiked Amount 50.000		Recovery =	77.58%
Target Compounds			
1) T n-Nonane (C9)	3.407	4408819	30.945 ug/ml
2) T n-Decane (C10)	4.475	4645983	31.957 ug/ml
3) T A~Naphthalene (C11.7)	6.067	5389629	34.735 ug/ml
4) T n-Dodecane (C12)	6.496	4773356	32.653 ug/ml
5) T A~2-methylnaphthalene...	7.126	4953289	33.633 ug/ml
6) T n-Tetradecane (C14)	8.296	4696215	32.907 ug/ml
7) T n-Hexadecane (C16)	9.898	4713522	32.697 ug/ml
8) T n-Octadecane (C18)	11.344	4569154	32.311 ug/ml
10) T n-Eicosane (C20)	12.656	4538196	34.451 ug/ml
11) T n-Heneicosane (C21)	13.268	4327256	33.928 ug/ml
13) T n-Docosane (C22)	13.856	4217228	33.759 ug/ml
14) T n-Tetracosane (C24)	14.954	8176375	67.757 ug/ml
15) T n-Hexacosane (C26)	15.984	3867533	33.471 ug/ml
16) T n-Octacosane (C28)	16.933	3705559	33.059 ug/ml
17) T n-Tricontane (C30)	17.823	3627598	31.683 ug/ml
18) T n-Dotriacontane (C32)	18.657	3516086	31.653 ug/ml
19) T n-Tetratriacontane (C34)	19.442	3482659	34.203 ug/ml
20) T n-Hexatriacontane (C36)	20.183	3073933	34.475 ug/ml
21) T n-Octatriacontane (C38)	20.948	2914306	36.228 ug/ml
22) T n-Tetracontane (C40)	21.910	2678591	35.771 ug/ml

(f)=RT Delta > 1/2 Window

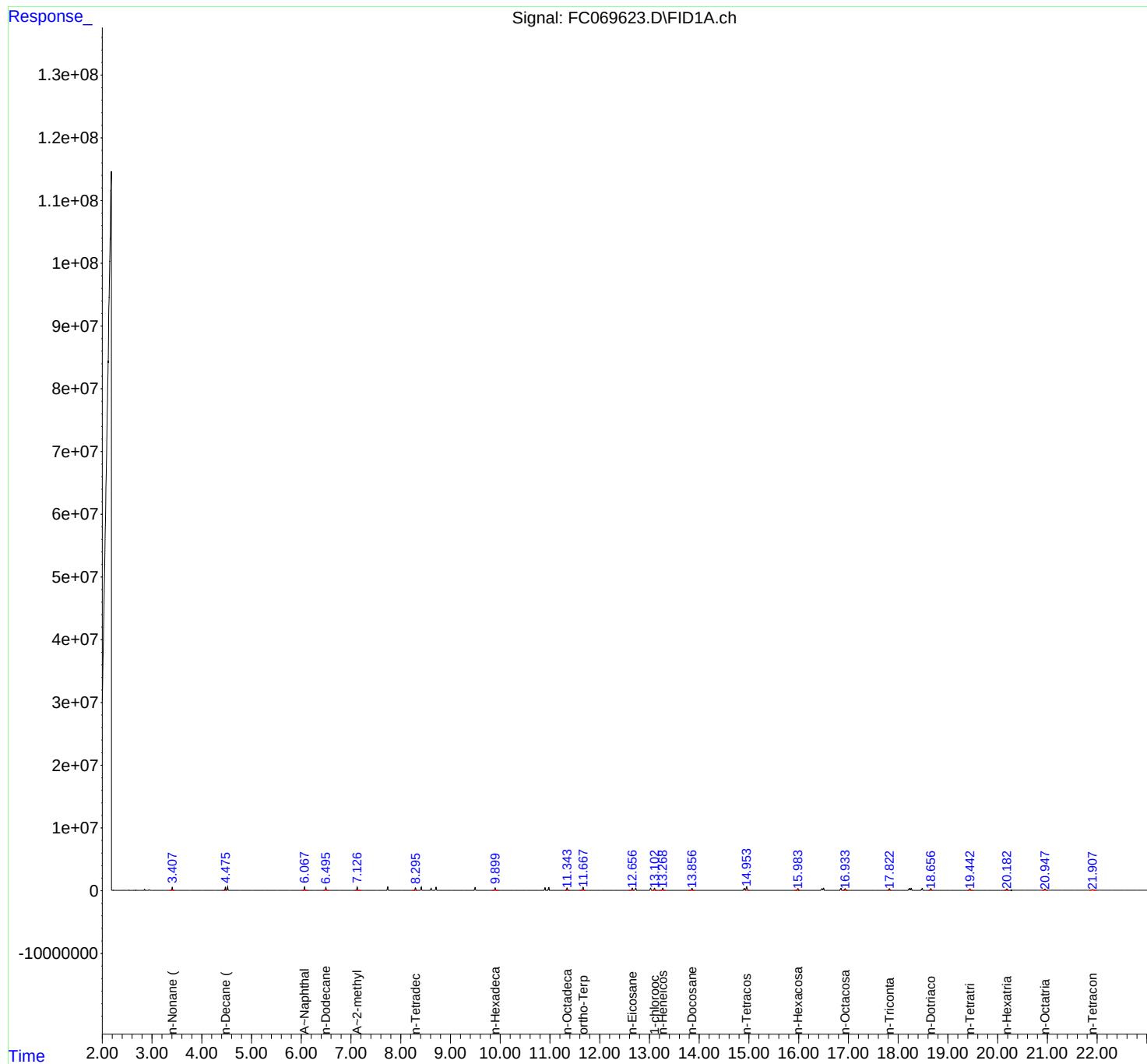
(m)=manual int.

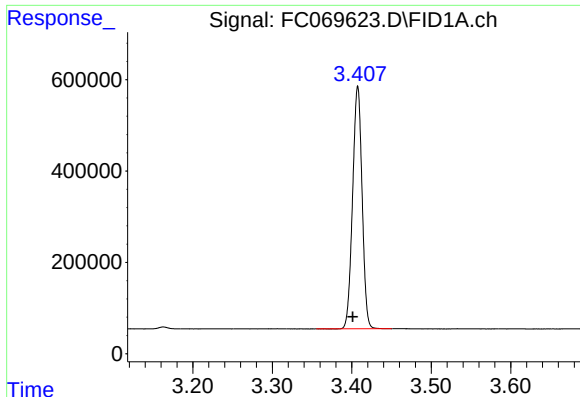
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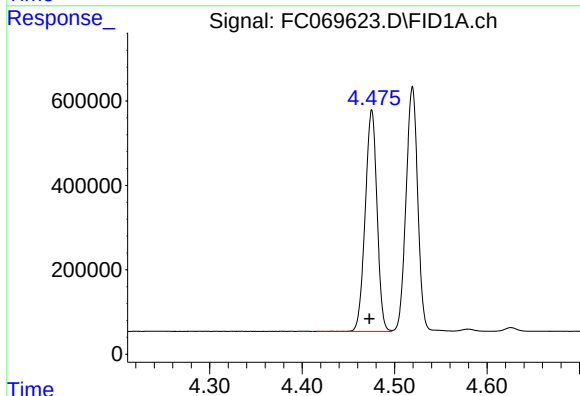




#1 n-Nonane (C9)

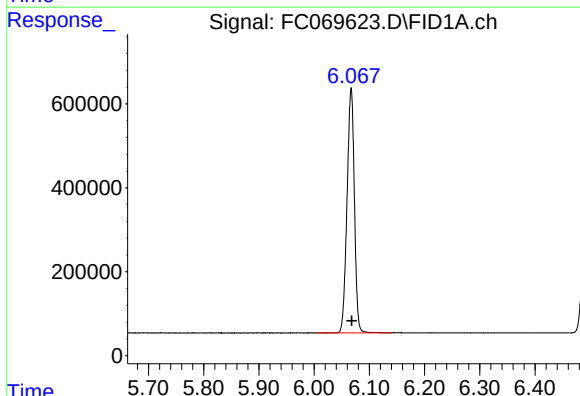
R.T.: 3.407 min
Delta R.T.: 0.006 min
Response: 4408819
Conc: 30.95 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169177BSD



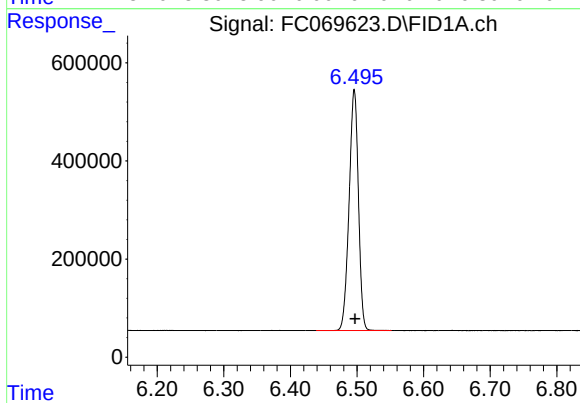
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 4645983
Conc: 31.96 ug/ml



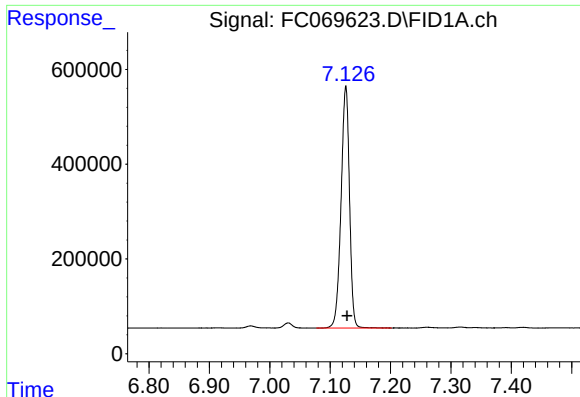
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 5389629
Conc: 34.74 ug/ml



#4 n-Dodecane (C12)

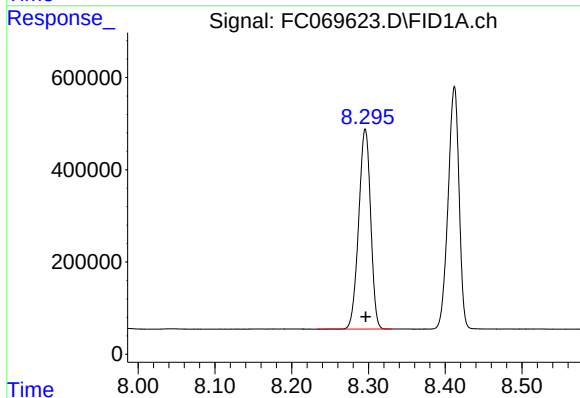
R.T.: 6.496 min
Delta R.T.: -0.001 min
Response: 4773356
Conc: 32.65 ug/ml



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

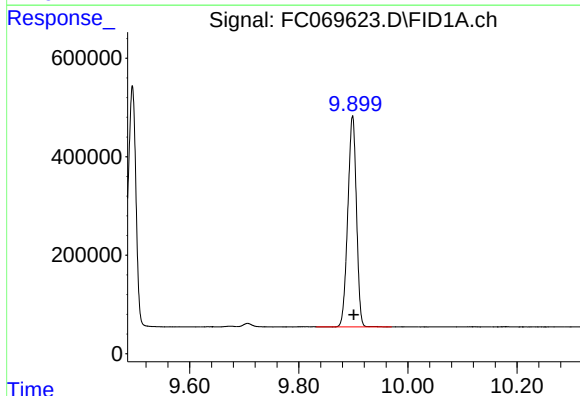
R.T.: 7.126 min
Delta R.T.: -0.002 min
Response: 4953289
Conc: 33.63 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169177BSD



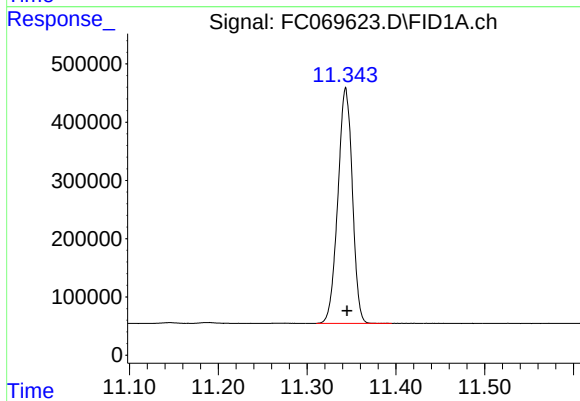
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 4696215
Conc: 32.91 ug/ml



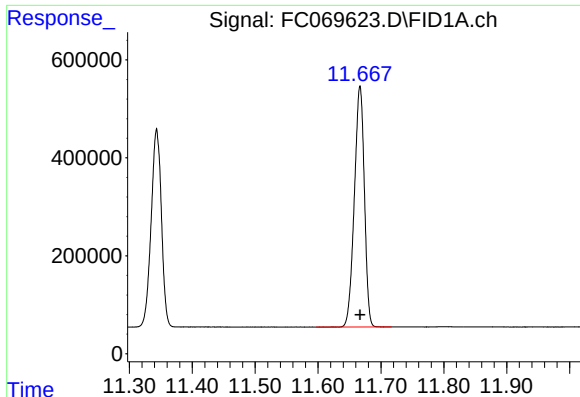
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.002 min
Response: 4713522
Conc: 32.70 ug/ml



#8 n-Octadecane (C18)

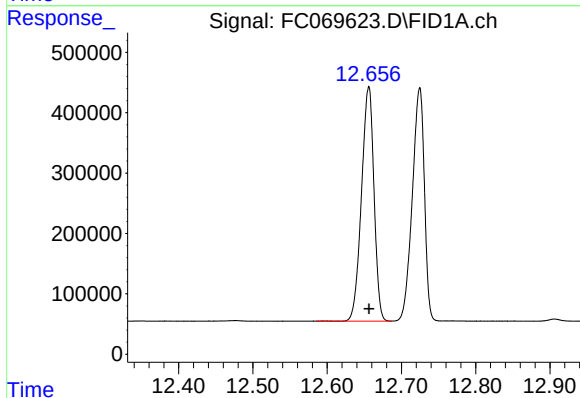
R.T.: 11.344 min
Delta R.T.: -0.001 min
Response: 4569154
Conc: 32.31 ug/ml



#9 ortho-Terphenyl (SURR)

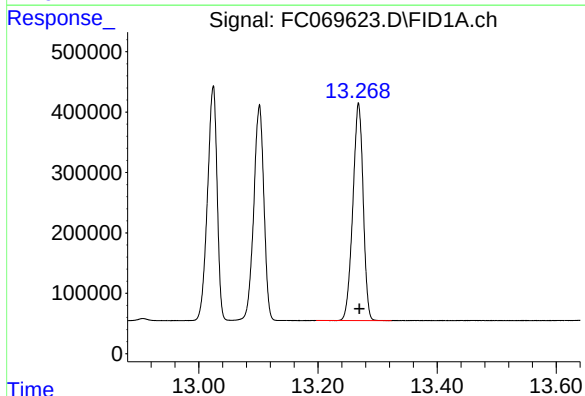
R.T.: 11.667 min
Delta R.T.: 0.000 min
Response: 5442131
Conc: 36.48 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169177BSD



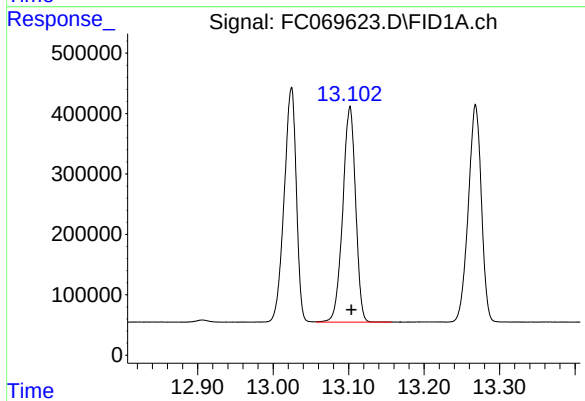
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.000 min
Response: 4538196
Conc: 34.45 ug/ml



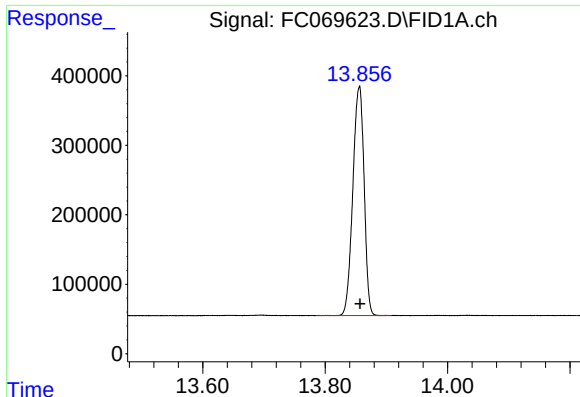
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: -0.001 min
Response: 4327256
Conc: 33.93 ug/ml



#12 1-chlorooctadecane (SURR)

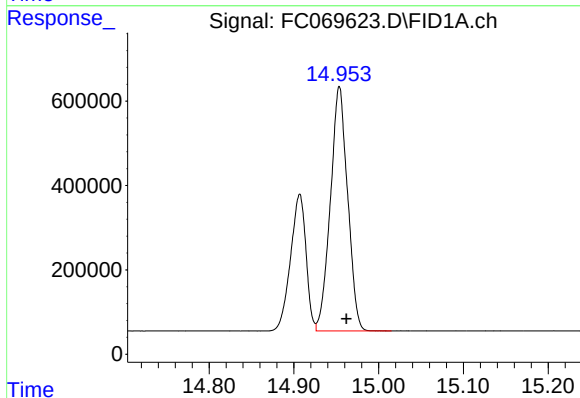
R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 4228814
Conc: 38.79 ug/ml



#13 n-Docosane (C22)

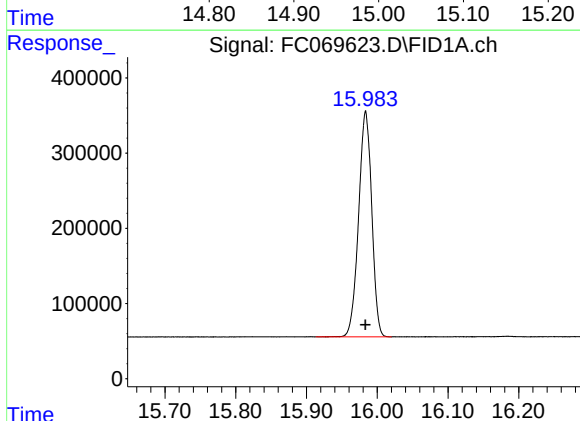
R.T.: 13.856 min
Delta R.T.: -0.002 min
Response: 4217228
Conc: 33.76 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169177BSD



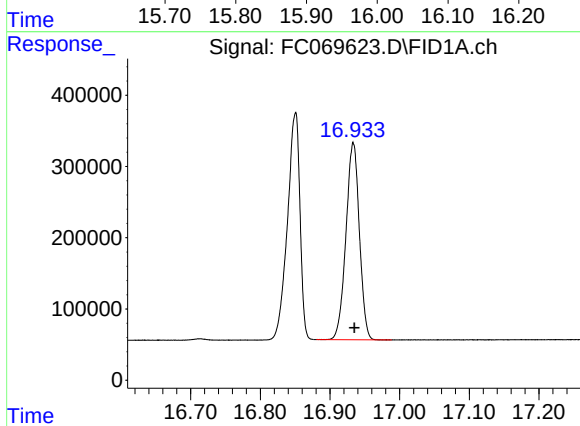
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.008 min
Response: 8176375
Conc: 67.76 ug/ml



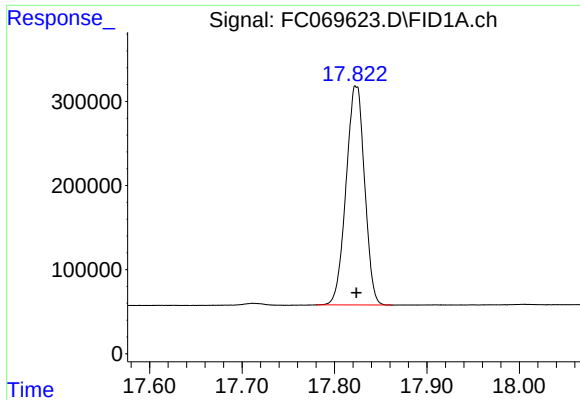
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.000 min
Response: 3867533
Conc: 33.47 ug/ml



#16 n-Octacosane (C28)

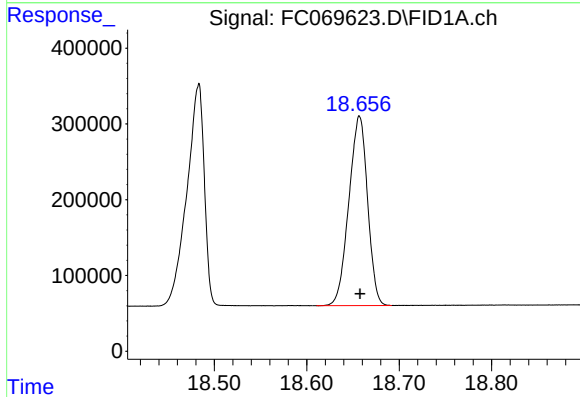
R.T.: 16.933 min
Delta R.T.: -0.002 min
Response: 3705559
Conc: 33.06 ug/ml



#17 n-Tricontane (C30)

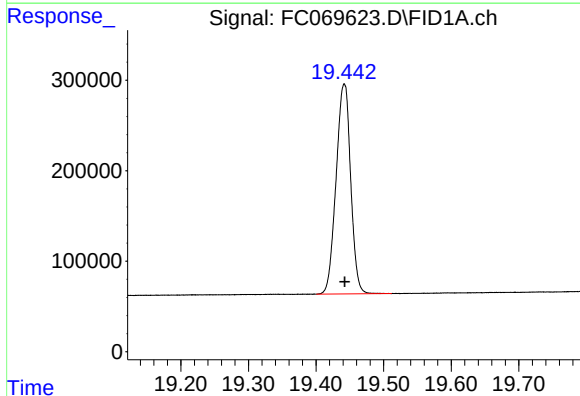
R.T.: 17.823 min
Delta R.T.: 0.000 min
Response: 3627598
Conc: 31.68 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169177BSD



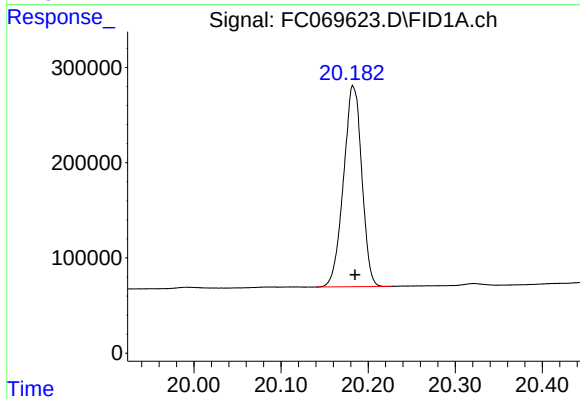
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: 0.000 min
Response: 3516086
Conc: 31.65 ug/ml



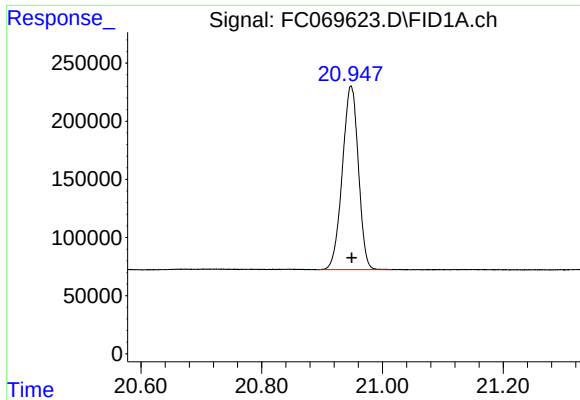
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.000 min
Response: 3482659
Conc: 34.20 ug/ml



#20 n-Hexatriacontane (C36)

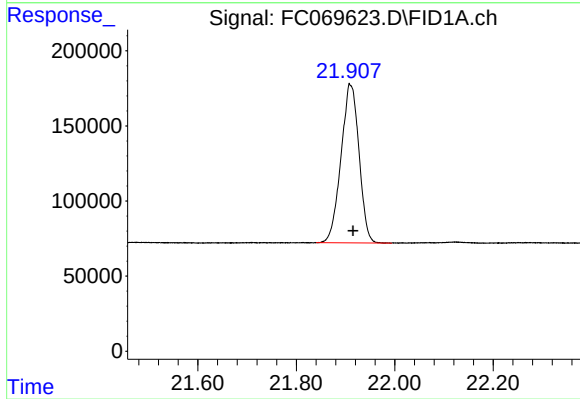
R.T.: 20.183 min
Delta R.T.: -0.002 min
Response: 3073933
Conc: 34.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.001 min
Response: 2914306
Conc: 36.23 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169177BSD



#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: -0.005 min
Response: 2678591
Conc: 35.77 ug/ml