

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068639.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 18:38
 Operator : YP/AJ
 Sample : PB167642BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167642BSD

Integration File: autoint1.e
 Quant Time: Apr 19 00:25:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.721	5200819	40.843 ug/ml
Spiked Amount 50.000		Recovery =	81.69%
12) S 1-chlorooctadecane (S...	13.154	3948686	42.507 ug/ml
Spiked Amount 50.000		Recovery =	85.01%
Target Compounds			
1) T n-Nonane (C9)	3.453	3666701	34.814 ug/ml
2) T n-Decane (C10)	4.527	3896129	36.979 ug/ml
3) T A~Naphthalene (C11.7)	6.122	4647798	39.909 ug/ml
4) T n-Dodecane (C12)	6.549	4022806	38.253 ug/ml
5) T A~2-methylnaphthalene...	7.180	4305562	37.278 ug/ml
6) T n-Tetradecane (C14)	8.349	4236694	41.211 ug/ml
7) T n-Hexadecane (C16)	9.951	4352723	42.740 ug/ml
8) T n-Octadecane (C18)	11.396	4371851	43.444 ug/ml
10) T n-Eicosane (C20)	12.708	4461760	45.361 ug/ml
11) T n-Heneicosane (C21)	13.320	4266538	43.779 ug/ml
13) T n-Docosane (C22)	13.907	4235232	43.845 ug/ml
14) T n-Tetracosane (C24)	15.007	8838055	92.852 ug/ml
15) T n-Hexacosane (C26)	16.037	4113583	44.040 ug/ml
16) T n-Octacosane (C28)	16.986	4148098	45.306 ug/ml
17) T n-Tricontane (C30)	17.878	4124274	44.862 ug/ml
18) T n-Dotriacontane (C32)	18.710	4108618	44.791 ug/ml
19) T n-Tetratriacontane (C34)	19.496	4151926	46.474 ug/ml
20) T n-Hexatriacontane (C36)	20.238	3993557	44.581 ug/ml
21) T n-Octatriacontane (C38)	21.017	3922623	44.367 ug/ml
22) T n-Tetracontane (C40)	21.999	3843384	43.523 ug/ml

(f)=RT Delta > 1/2 Window

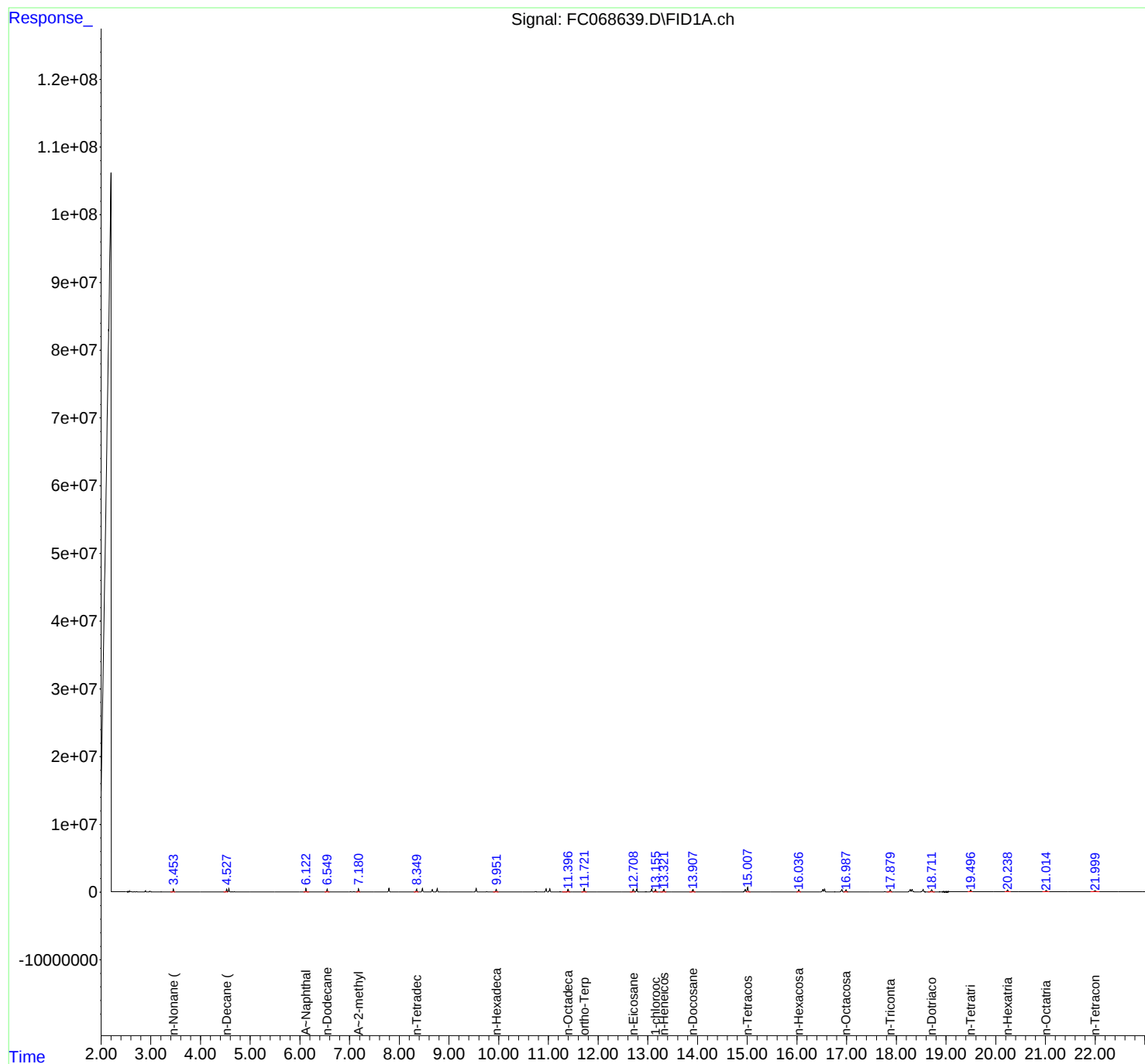
(m)=manual int.

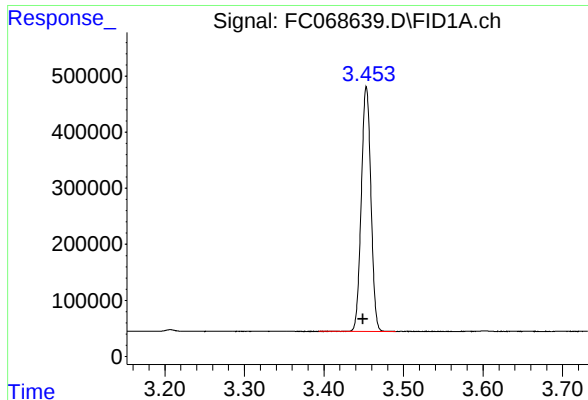
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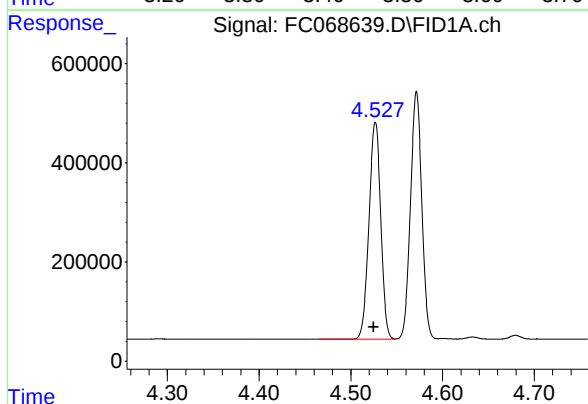




#1 n-Nonane (C9)

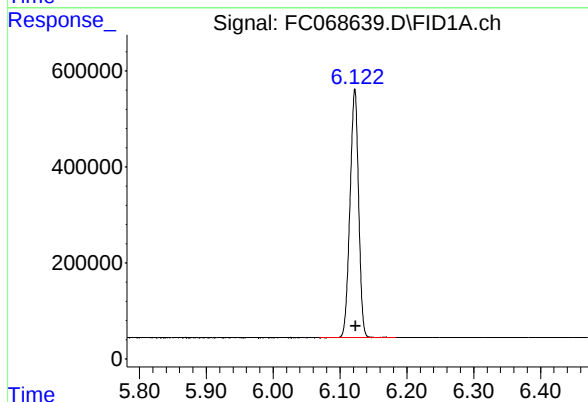
R.T.: 3.453 min
Delta R.T.: 0.004 min
Response: 3666701
Conc: 34.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BSD



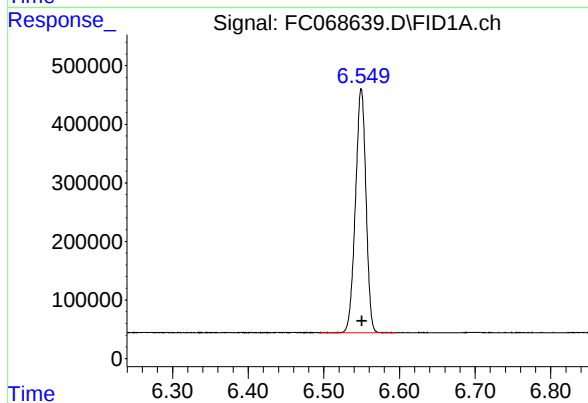
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 3896129
Conc: 36.98 ug/ml



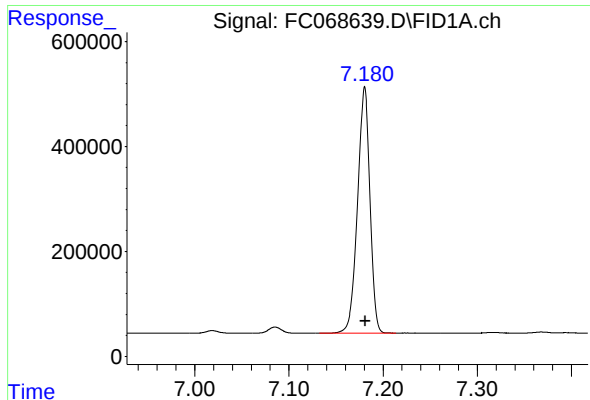
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 4647798
Conc: 39.91 ug/ml



#4 n-Dodecane (C12)

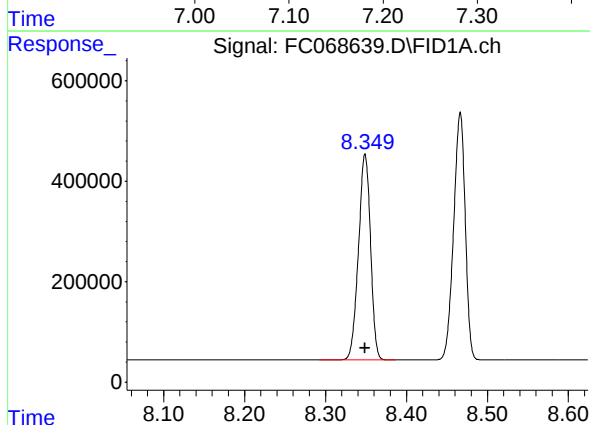
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 4022806
Conc: 38.25 ug/ml



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

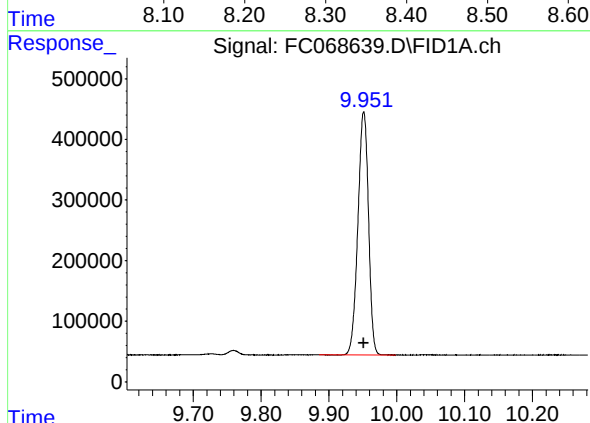
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 4305562
Conc: 37.28 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BSD



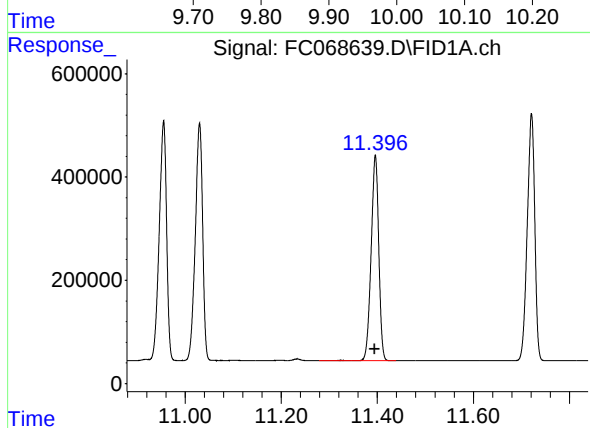
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 4236694
Conc: 41.21 ug/ml



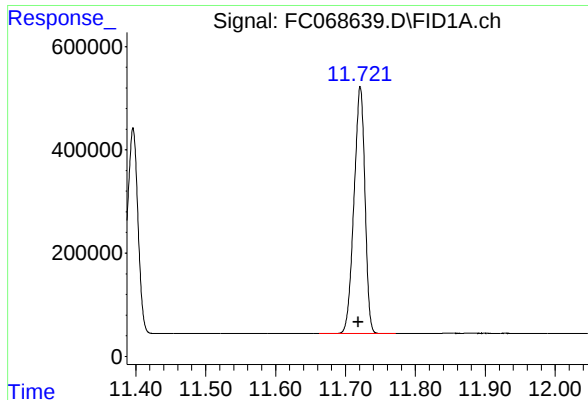
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 4352723
Conc: 42.74 ug/ml



#8 n-Octadecane (C18)

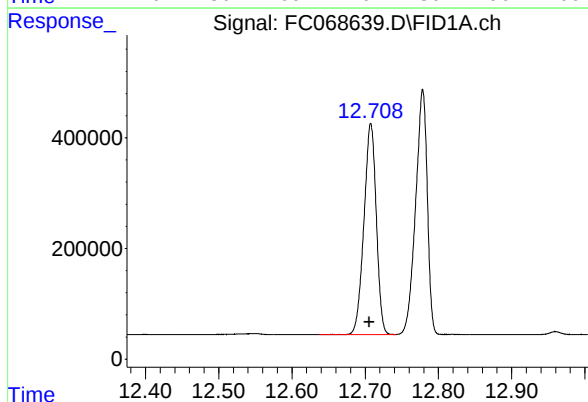
R.T.: 11.396 min
Delta R.T.: 0.001 min
Response: 4371851
Conc: 43.44 ug/ml



#9 ortho-Terphenyl (SURR)

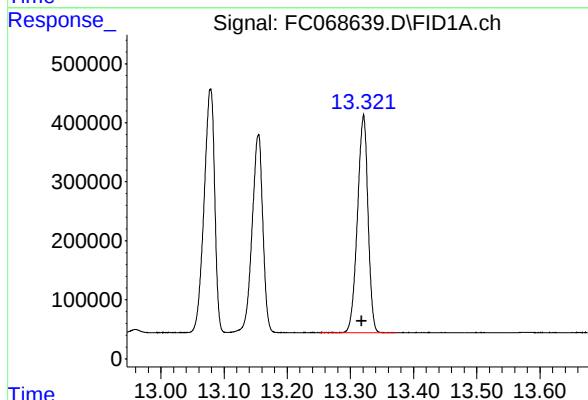
R.T.: 11.721 min
Delta R.T.: 0.002 min
Response: 5200819
Conc: 40.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BSD



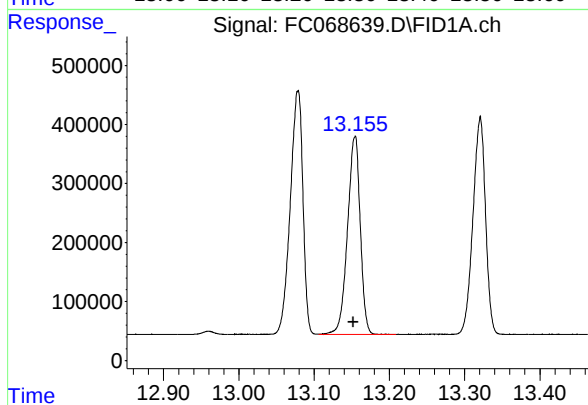
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: 0.002 min
Response: 4461760
Conc: 45.36 ug/ml



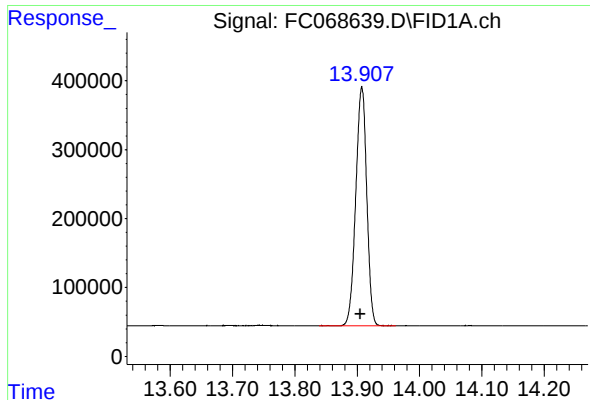
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.003 min
Response: 4266538
Conc: 43.78 ug/ml



#12 1-chlorooctadecane (SURR)

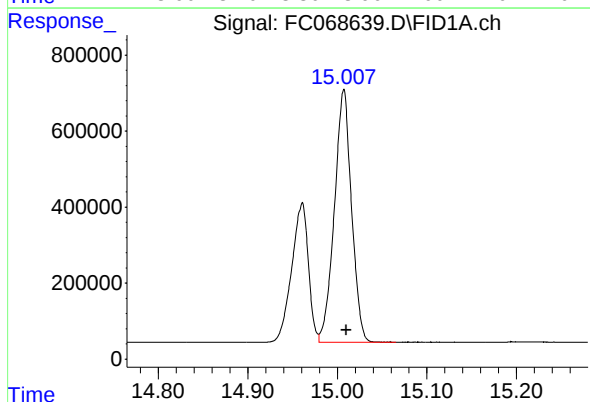
R.T.: 13.154 min
Delta R.T.: 0.002 min
Response: 3948686
Conc: 42.51 ug/ml



#13 n-Docosane (C22)

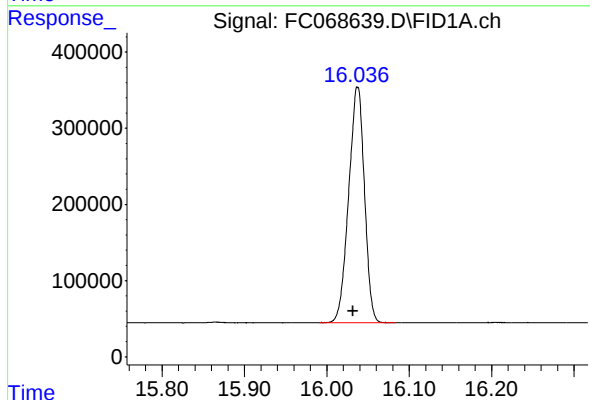
R.T.: 13.907 min
Delta R.T.: 0.002 min
Response: 4235232
Conc: 43.85 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BSD



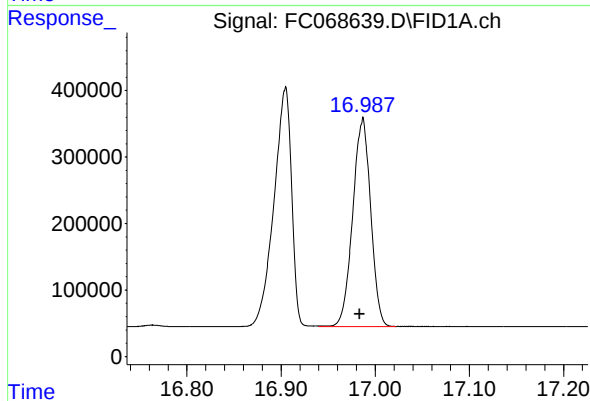
#14 n-Tetracosane (C24)

R.T.: 15.007 min
Delta R.T.: -0.003 min
Response: 8838055
Conc: 92.85 ug/ml



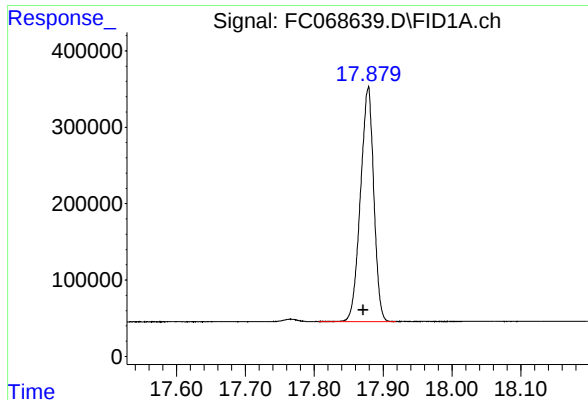
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: 0.005 min
Response: 4113583
Conc: 44.04 ug/ml



#16 n-Octacosane (C28)

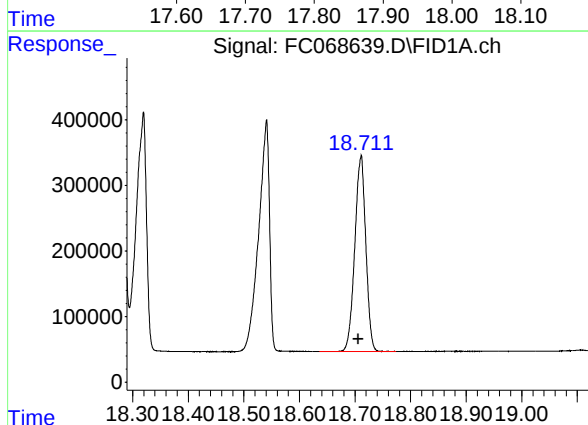
R.T.: 16.986 min
Delta R.T.: 0.003 min
Response: 4148098
Conc: 45.31 ug/ml



#17 n-Tricontane (C30)

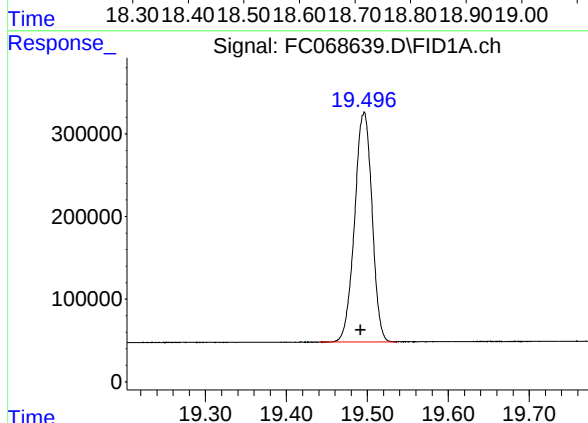
R.T.: 17.878 min
Delta R.T.: 0.007 min
Response: 4124274
Conc: 44.86 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BSD



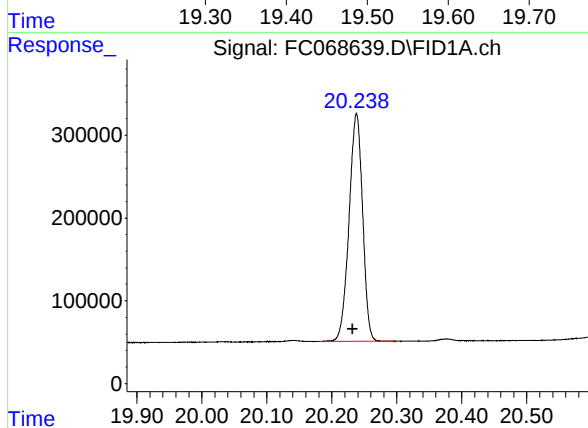
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.004 min
Response: 4108618
Conc: 44.79 ug/ml



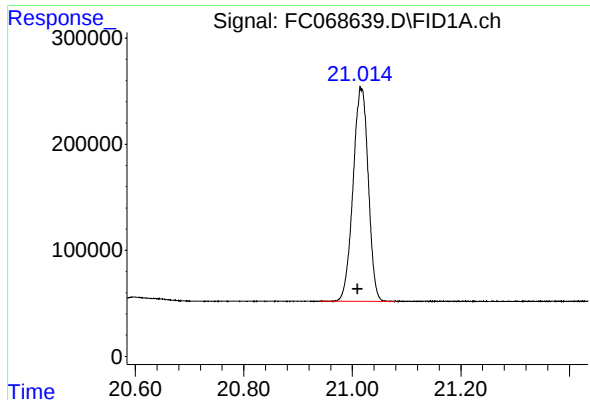
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min
Delta R.T.: 0.004 min
Response: 4151926
Conc: 46.47 ug/ml



#20 n-Hexatriacontane (C36)

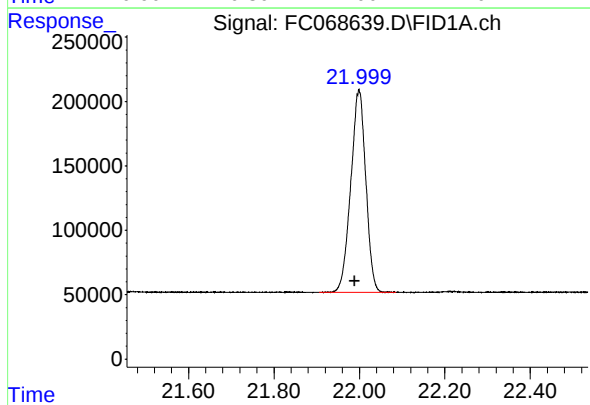
R.T.: 20.238 min
Delta R.T.: 0.006 min
Response: 3993557
Conc: 44.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.017 min
Delta R.T.: 0.007 min
Response: 3922623
Conc: 44.37 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BSD



#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: 0.010 min
Response: 3843384
Conc: 43.52 ug/ml