

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042225AL\
 Data File : FC068676.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 13:53
 Operator : YP/AJ
 Sample : PB167686BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167686BSD

Integration File: autoint1.e
 Quant Time: Apr 23 01:29:42 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)	11.724	4674043	36.706 ug/ml
Spiked Amount 50.000		Recovery =	73.41%
12) S 1-chlorooctadecane (S...	13.158	3521390	37.908 ug/ml
Spiked Amount 50.000		Recovery =	75.82%
Target Compounds			
1) T n-Nonane (C9)	3.454	3916042	37.181 ug/ml
2) T n-Decane (C10)	4.528	4076056	38.687 ug/ml
3) T A~Naphthalene (C11.7)	6.124	4704012	40.391 ug/ml
4) T n-Dodecane (C12)	6.552	4048019	38.493 ug/ml
5) T A~2-methylnaphthalene...	7.183	4232945	36.650 ug/ml
6) T n-Tetradecane (C14)	8.351	3983372	38.747 ug/ml
7) T n-Hexadecane (C16)	9.954	3886999	38.167 ug/ml
8) T n-Octadecane (C18)	11.399	3832812	38.087 ug/ml
10) T n-Eicosane (C20)	12.712	3908985	39.742 ug/ml
11) T n-Heneicosane (C21)	13.325	3744819	38.425 ug/ml
13) T n-Docosane (C22)	13.911	3724168	38.554 ug/ml
14) T n-Tetracosane (C24)	15.011	7967532	83.706 ug/ml
15) T n-Hexacosane (C26)	16.042	3695279	39.562 ug/ml
16) T n-Octacosane (C28)	16.991	3773793	41.218 ug/ml
17) T n-Tricontane (C30)	17.881	3787274	41.197 ug/ml
18) T n-Dotriacontane (C32)	18.716	3791935	41.339 ug/ml
19) T n-Tetratriacontane (C34)	19.502	3854430	43.144 ug/ml
20) T n-Hexatriacontane (C36)	20.243	3715958	41.482 ug/ml
21) T n-Octatriacontane (C38)	21.024	3693774	41.779 ug/ml
22) T n-Tetracontane (C40)	22.009	3680980	41.684 ug/ml

(f)=RT Delta > 1/2 Window

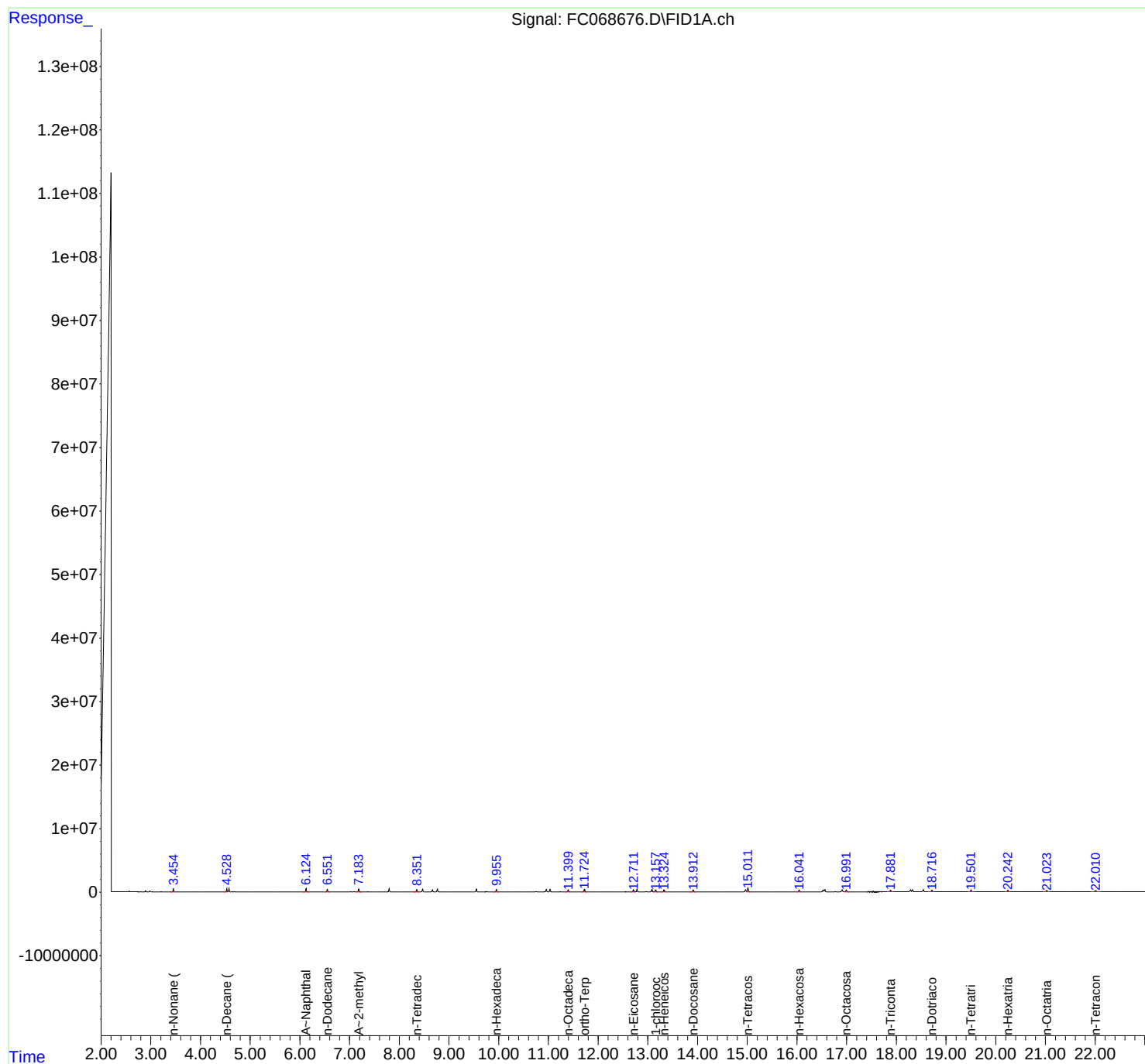
(m)=manual int.

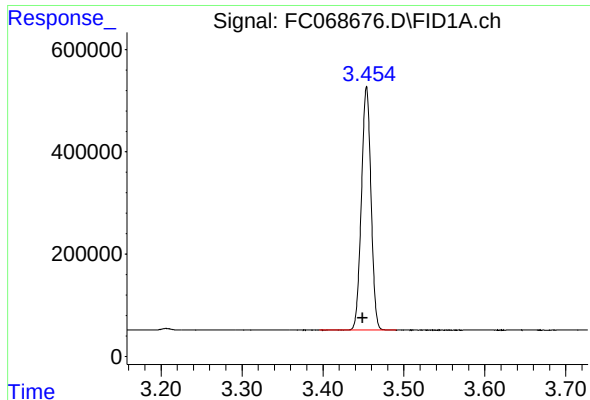
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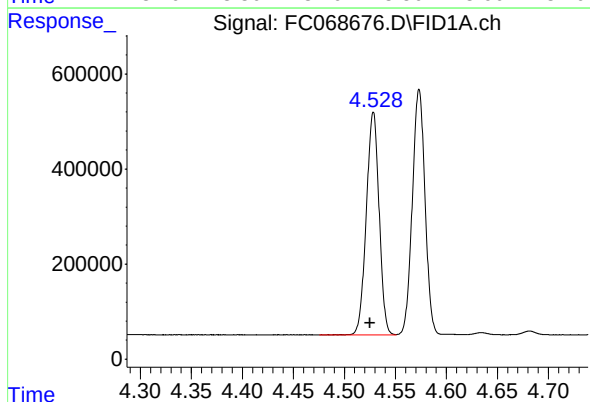




#1 n-Nonane (C9)

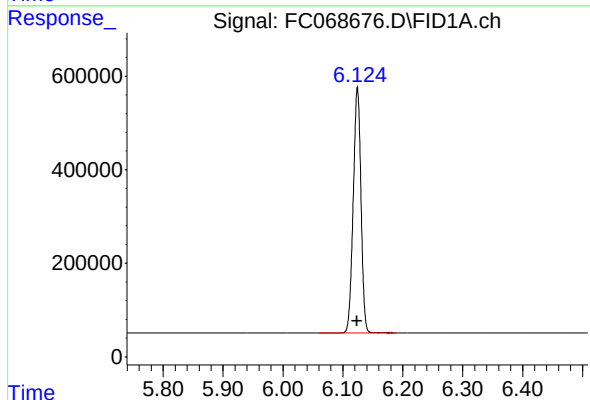
R.T.: 3.454 min
Delta R.T.: 0.005 min
Response: 3916042
Conc: 37.18 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167686BSD



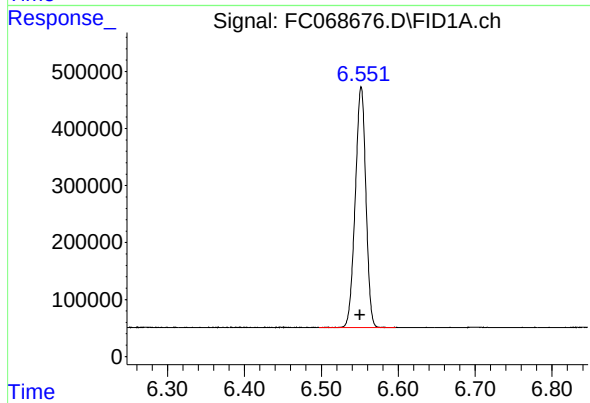
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 4076056
Conc: 38.69 ug/ml



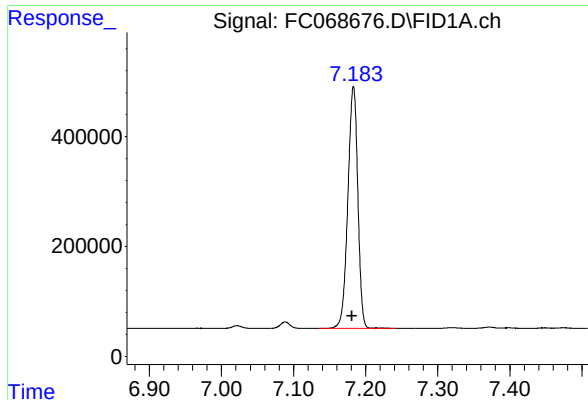
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 4704012
Conc: 40.39 ug/ml



#4 n-Dodecane (C12)

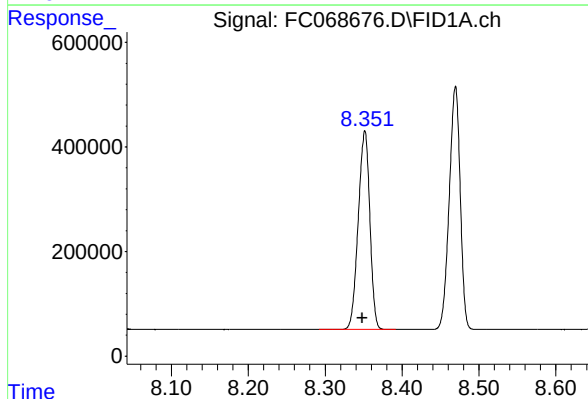
R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 4048019
Conc: 38.49 ug/ml



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

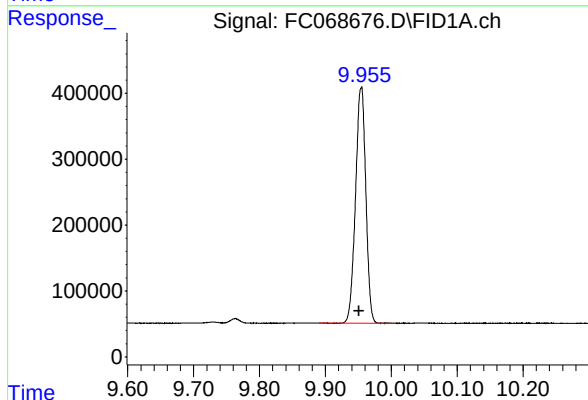
R.T.: 7.183 min
Delta R.T.: 0.002 min
Response: 4232945
Conc: 36.65 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167686BSD



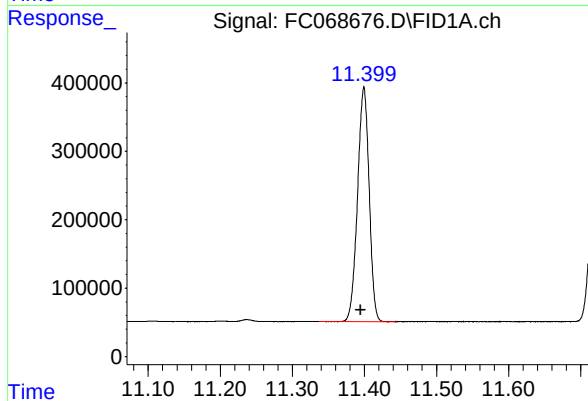
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.003 min
Response: 3983372
Conc: 38.75 ug/ml



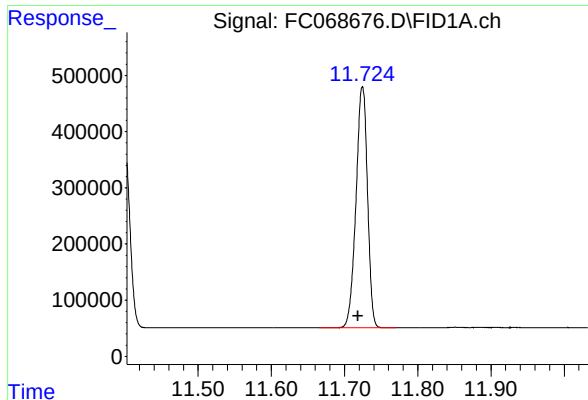
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.003 min
Response: 3886999
Conc: 38.17 ug/ml



#8 n-Octadecane (C18)

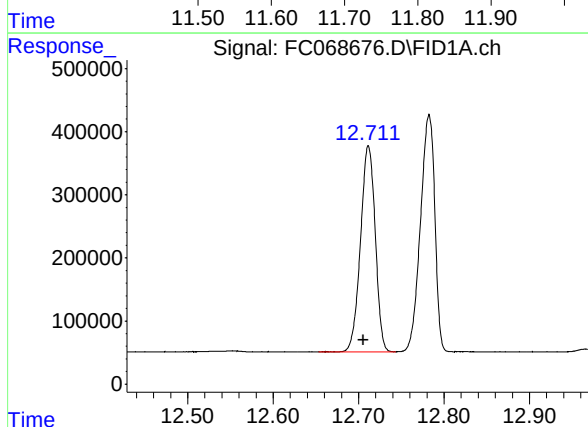
R.T.: 11.399 min
Delta R.T.: 0.004 min
Response: 3832812
Conc: 38.09 ug/ml



#9 ortho-Terphenyl (SURR)

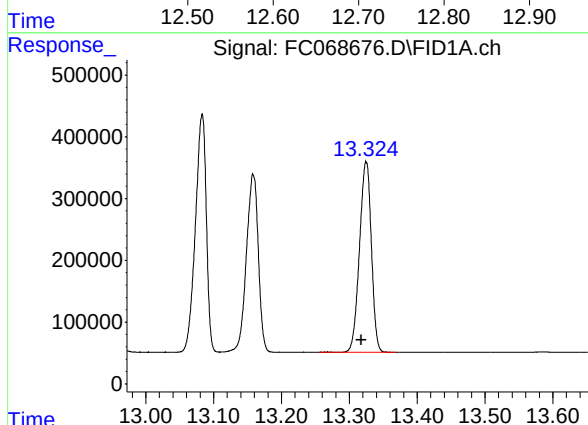
R.T.: 11.724 min
Delta R.T.: 0.006 min
Response: 4674043
Conc: 36.71 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167686BSD



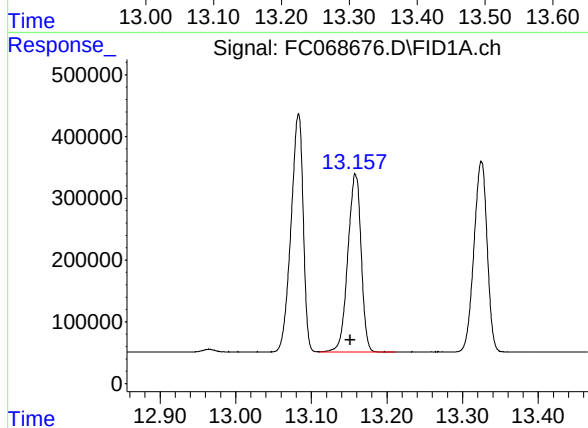
#10 n-Eicosane (C20)

R.T.: 12.712 min
Delta R.T.: 0.006 min
Response: 3908985
Conc: 39.74 ug/ml



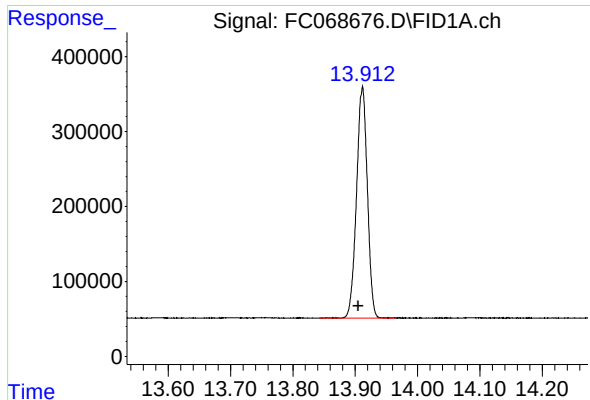
#11 n-Heneicosane (C21)

R.T.: 13.325 min
Delta R.T.: 0.007 min
Response: 3744819
Conc: 38.43 ug/ml



#12 1-chlorooctadecane (SURR)

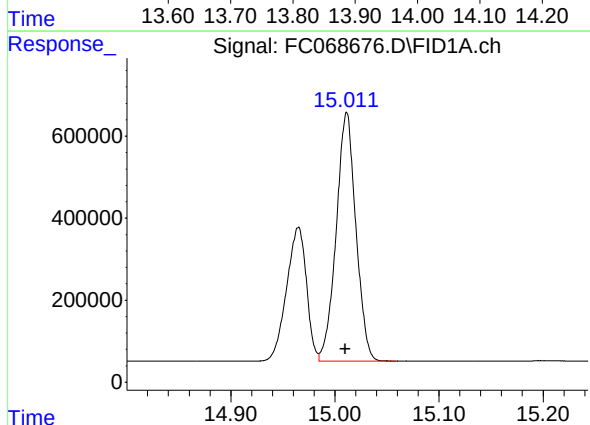
R.T.: 13.158 min
Delta R.T.: 0.006 min
Response: 3521390
Conc: 37.91 ug/ml



#13 n-Docosane (C22)

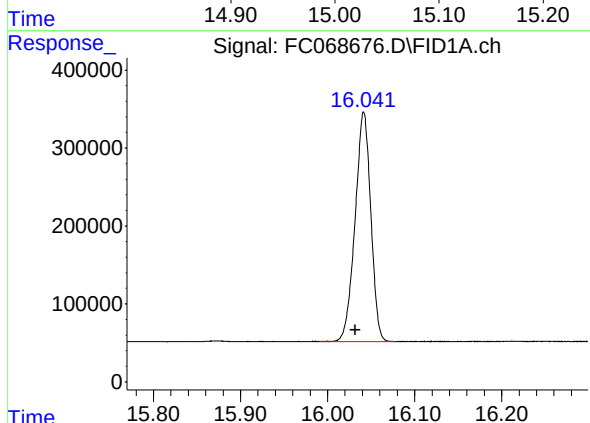
R.T.: 13.911 min
Delta R.T.: 0.006 min
Response: 3724168
Conc: 38.55 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167686BSD



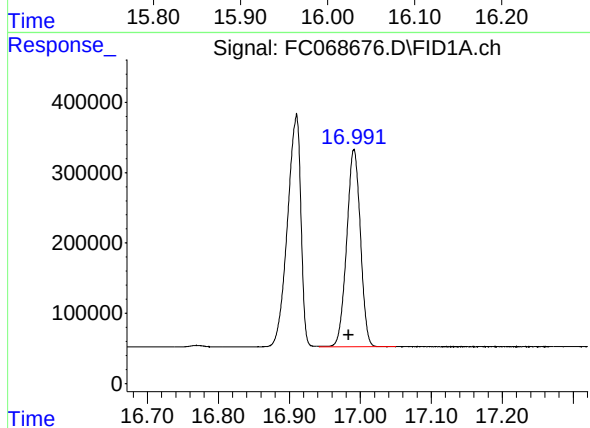
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.001 min
Response: 7967532
Conc: 83.71 ug/ml



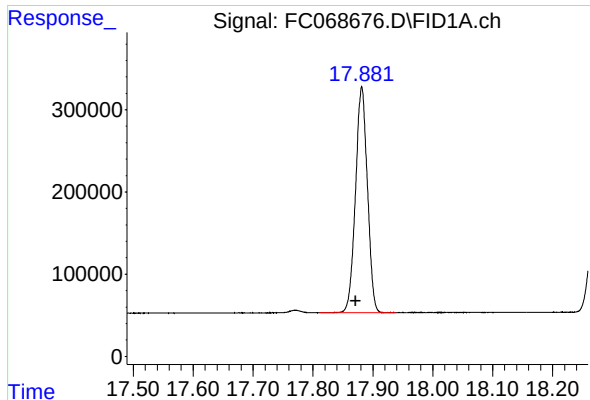
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: 0.010 min
Response: 3695279
Conc: 39.56 ug/ml



#16 n-Octacosane (C28)

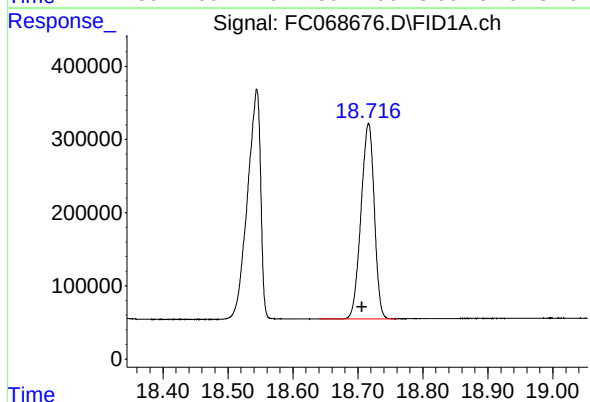
R.T.: 16.991 min
Delta R.T.: 0.008 min
Response: 3773793
Conc: 41.22 ug/ml



#17 n-Tricontane (C30)

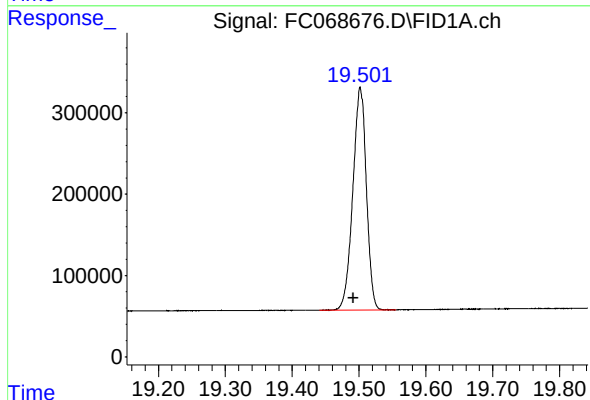
R.T.: 17.881 min
Delta R.T.: 0.010 min
Response: 3787274
Conc: 41.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167686BSD



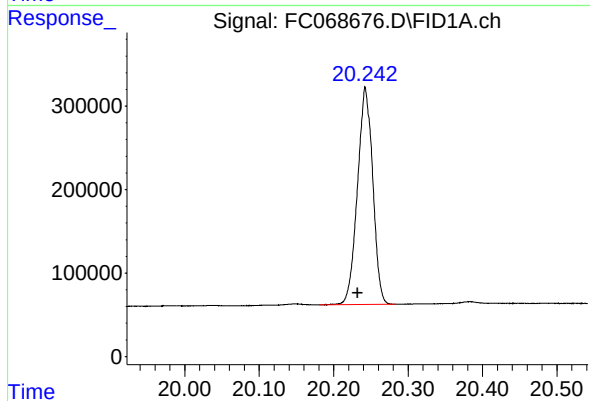
#18 n-Dotriacontane (C32)

R.T.: 18.716 min
Delta R.T.: 0.010 min
Response: 3791935
Conc: 41.34 ug/ml



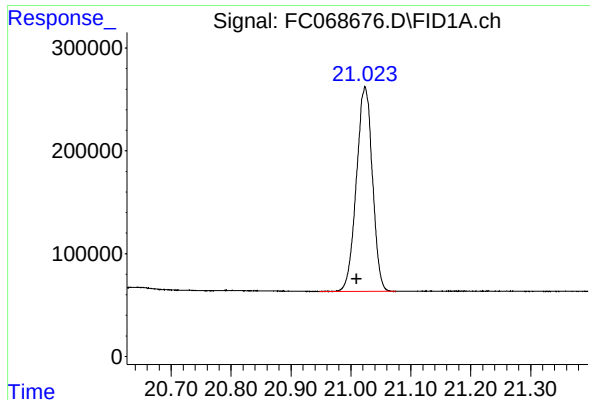
#19 n-Tetatriacontane (C34)

R.T.: 19.502 min
Delta R.T.: 0.010 min
Response: 3854430
Conc: 43.14 ug/ml



#20 n-Hexatriacontane (C36)

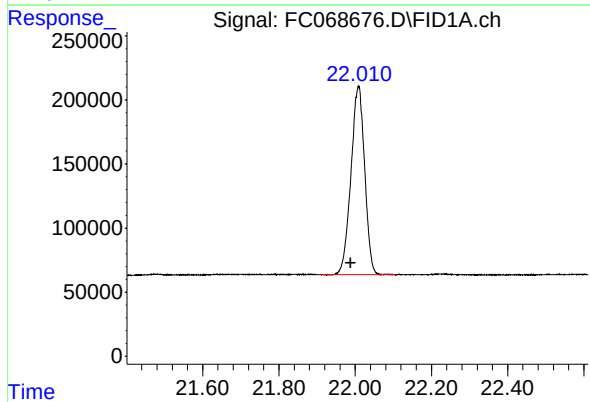
R.T.: 20.243 min
Delta R.T.: 0.011 min
Response: 3715958
Conc: 41.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.024 min
Delta R.T.: 0.014 min
Response: 3693774
Conc: 41.78 ug/ml

Instrument :
FID_C
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PB167686BSD



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: 0.020 min
Response: 3680980
Conc: 41.68 ug/ml