

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068850.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 15:46
 Operator : YP/AJ
 Sample : PB167974BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167974BSD

Integration File: autoint1.e
 Quant Time: May 14 03:13:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.710	4358963	38.190 ug/ml
Spiked Amount 50.000		Recovery =	76.38%
12) S 1-chlorooctadecane (S...	13.141	3420285	42.633 ug/ml
Spiked Amount 50.000		Recovery =	85.27%
Target Compounds			
1) T n-Nonane (C9)	3.450	4644219	46.174 ug/ml
2) T n-Decane (C10)	4.521	4906571	49.242 ug/ml
3) T A~Naphthalene (C11.7)	6.115	5674741	51.466 ug/ml
4) T n-Dodecane (C12)	6.543	4989369	51.343 ug/ml
5) T A~2-methylnaphthalene...	7.173	5214519	48.583 ug/ml
6) T n-Tetradecane (C14)	8.341	5173808	55.979 ug/ml
7) T n-Hexadecane (C16)	9.943	5228995	58.396 ug/ml
8) T n-Octadecane (C18)	11.386	5195780	59.233 ug/ml
10) T n-Eicosane (C20)	12.696	5295180	62.137 ug/ml
11) T n-Heneicosane (C21)	13.308	5063729	60.036 ug/ml
13) T n-Docosane (C22)	13.896	5027362	60.094 ug/ml
14) T n-Tetracosane (C24)	14.994	10362672	124.541 ug/ml
15) T n-Hexacosane (C26)	16.023	4923519	59.424 ug/ml
16) T n-Octacosane (C28)	16.972	4966626	60.095 ug/ml
17) T n-Tricontane (C30)	17.862	4947948	58.478 ug/ml
18) T n-Dotriacontane (C32)	18.695	4928684	57.220 ug/ml
19) T n-Tetratriacontane (C34)	19.478	5007147	58.769 ug/ml
20) T n-Hexatriacontane (C36)	20.218	4852149	56.454 ug/ml
21) T n-Octatriacontane (C38)	20.992	4848446	57.800 ug/ml
22) T n-Tetracontane (C40)	21.968	4842928	59.092 ug/ml

(f)=RT Delta > 1/2 Window

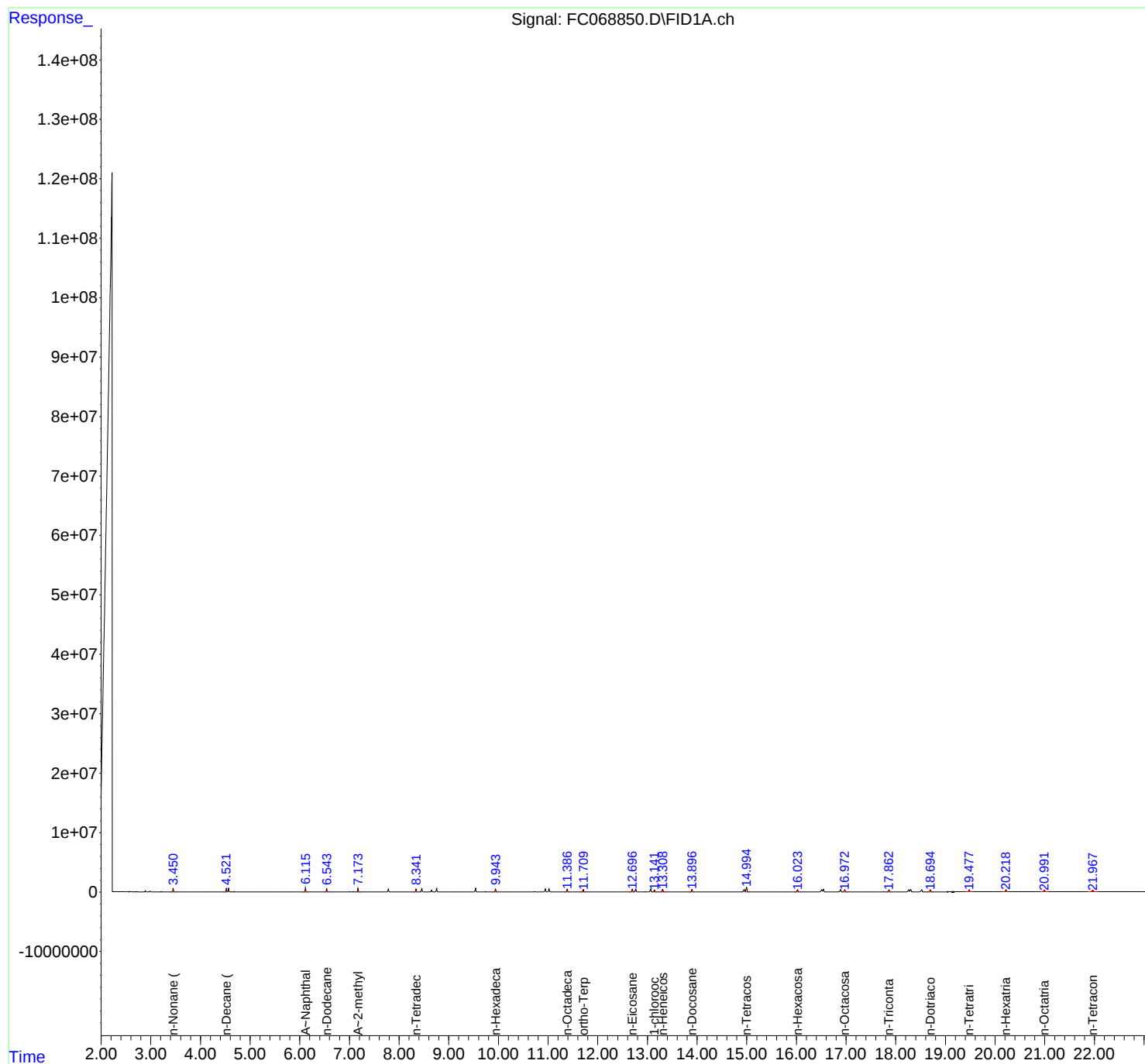
(m)=manual int.

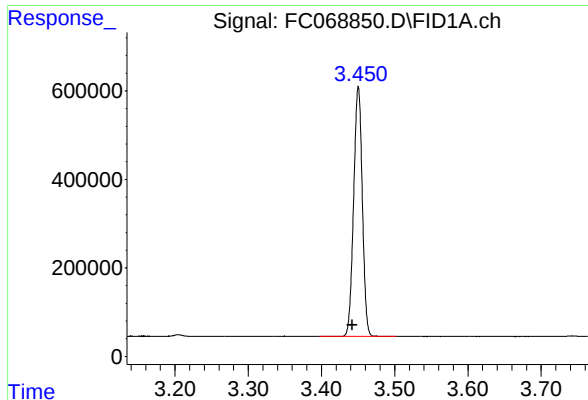
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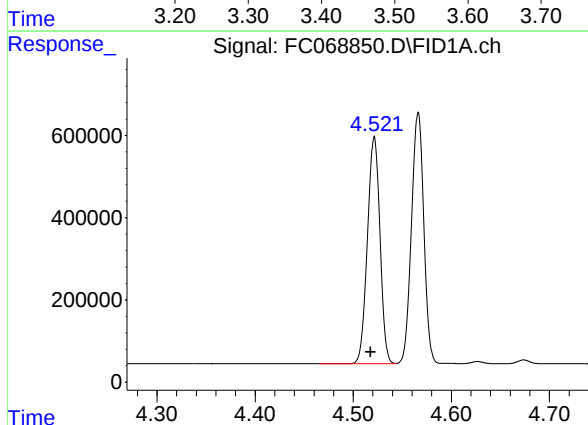




#1 n-Nonane (C9)

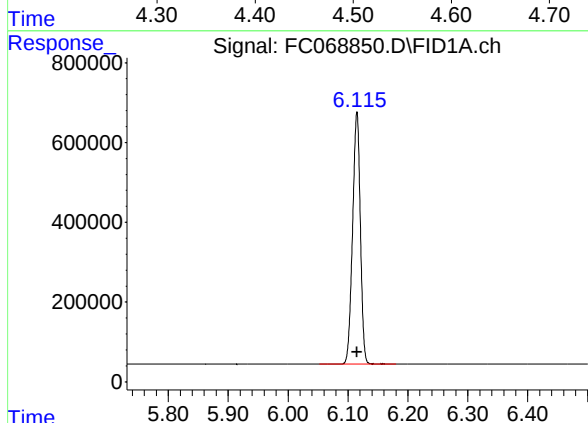
R.T.: 3.450 min
Delta R.T.: 0.008 min
Response: 4644219
Conc: 46.17 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167974BSD



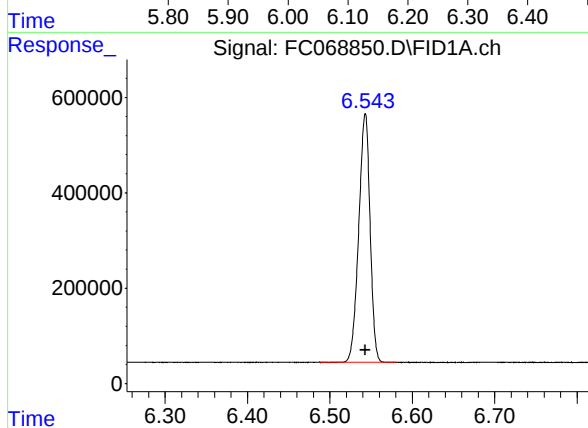
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.004 min
Response: 4906571
Conc: 49.24 ug/ml



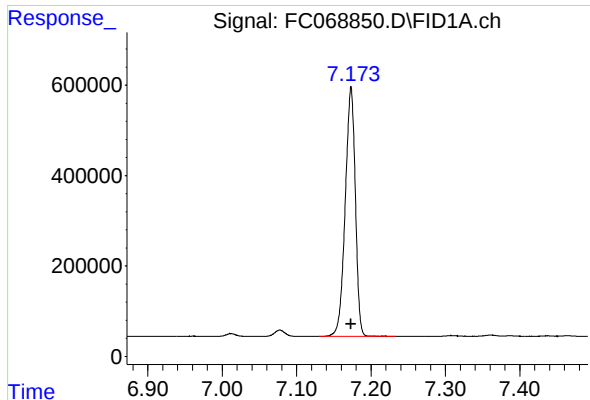
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 5674741
Conc: 51.47 ug/ml



#4 n-Dodecane (C12)

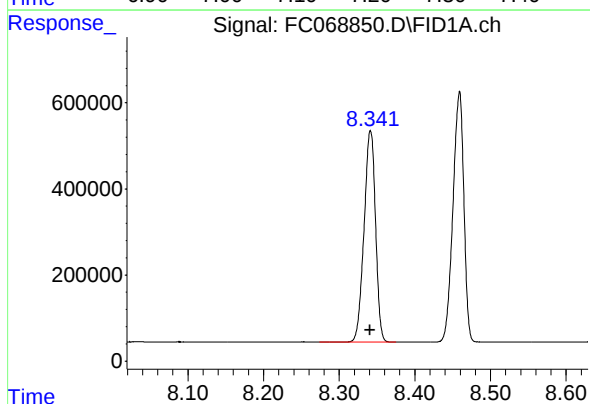
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 4989369
Conc: 51.34 ug/ml



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

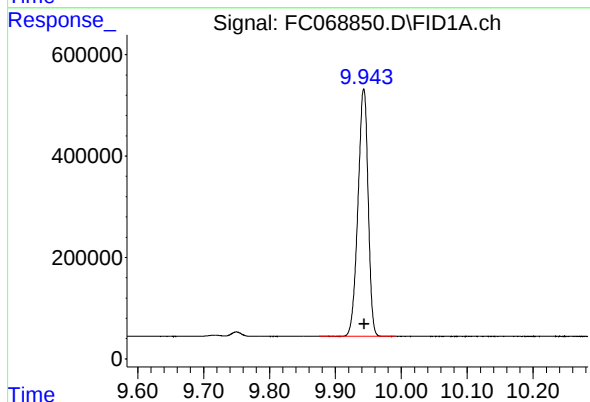
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 5214519
Conc: 48.58 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167974BSD



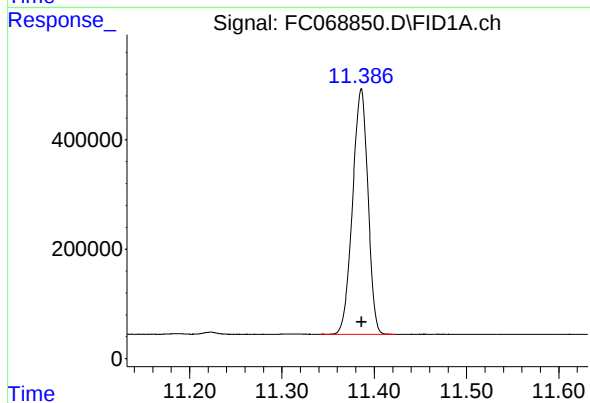
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 5173808
Conc: 55.98 ug/ml



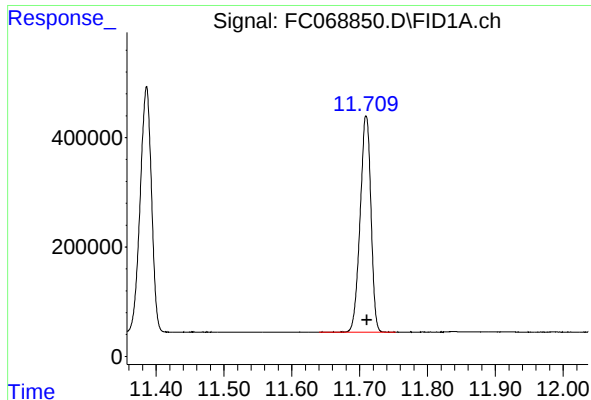
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: 0.000 min
Response: 5228995
Conc: 58.40 ug/ml



#8 n-Octadecane (C18)

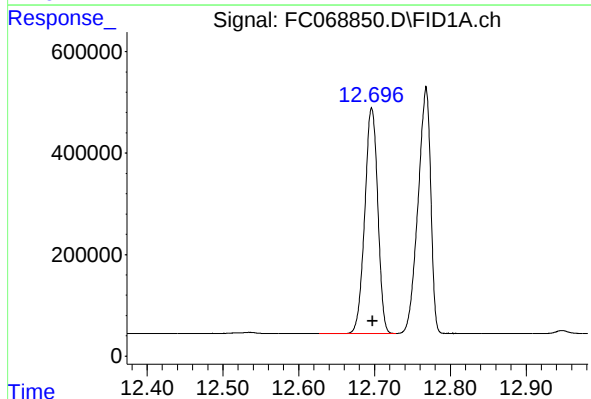
R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 5195780
Conc: 59.23 ug/ml



#9 ortho-Terphenyl (SURR)

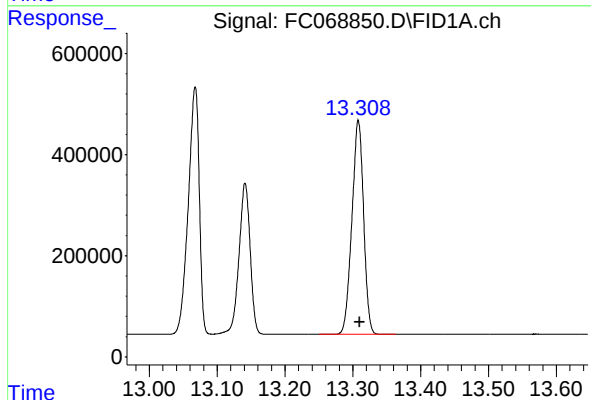
R.T.: 11.710 min
Delta R.T.: -0.001 min
Response: 4358963
Conc: 38.19 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167974BSD



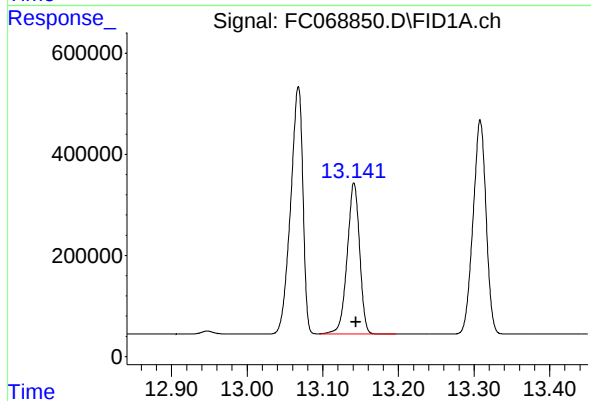
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: 0.000 min
Response: 5295180
Conc: 62.14 ug/ml



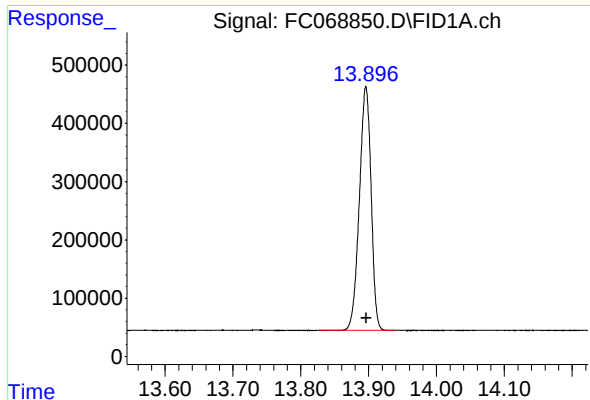
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.002 min
Response: 5063729
Conc: 60.04 ug/ml



#12 1-chlorooctadecane (SURR)

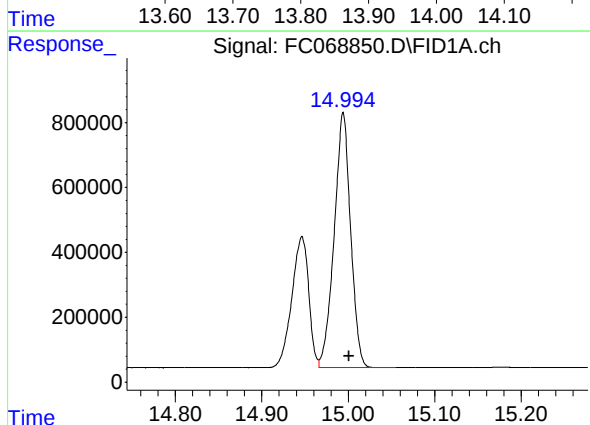
R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 3420285
Conc: 42.63 ug/ml



#13 n-Docosane (C22)

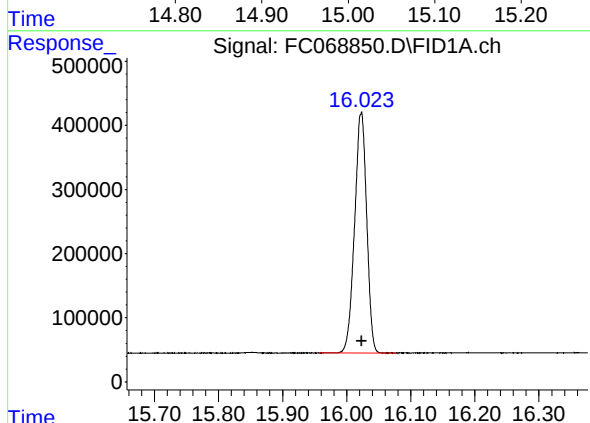
R.T.: 13.896 min
Delta R.T.: 0.000 min
Response: 5027362
Conc: 60.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167974BSD



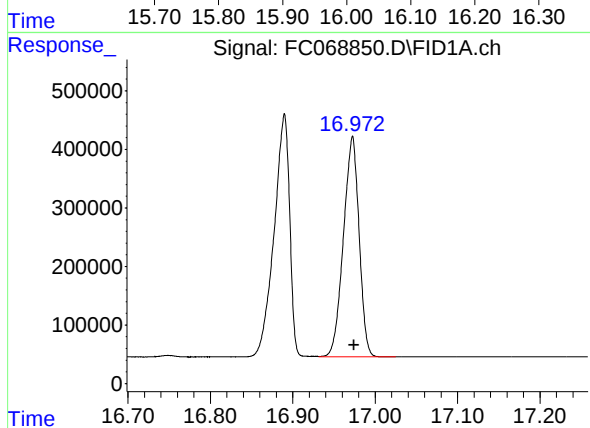
#14 n-Tetracosane (C24)

R.T.: 14.994 min
Delta R.T.: -0.007 min
Response: 10362672
Conc: 124.54 ug/ml



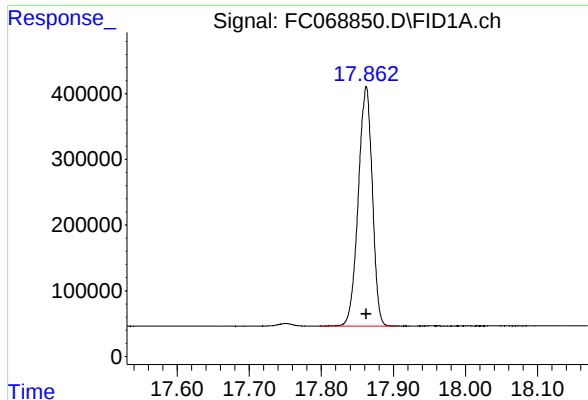
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 4923519
Conc: 59.42 ug/ml



#16 n-Octacosane (C28)

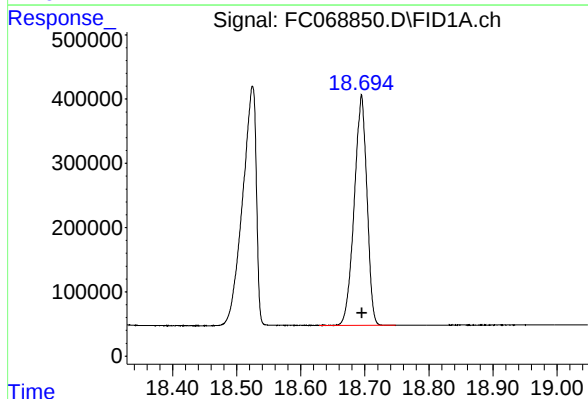
R.T.: 16.972 min
Delta R.T.: -0.002 min
Response: 4966626
Conc: 60.10 ug/ml



#17 n-Tricontane (C30)

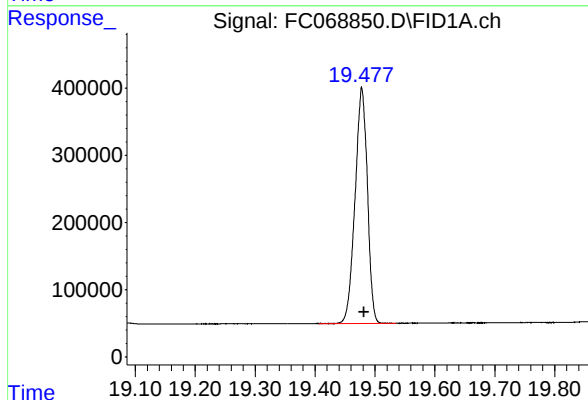
R.T.: 17.862 min
Delta R.T.: 0.000 min
Response: 4947948
Conc: 58.48 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167974BSD



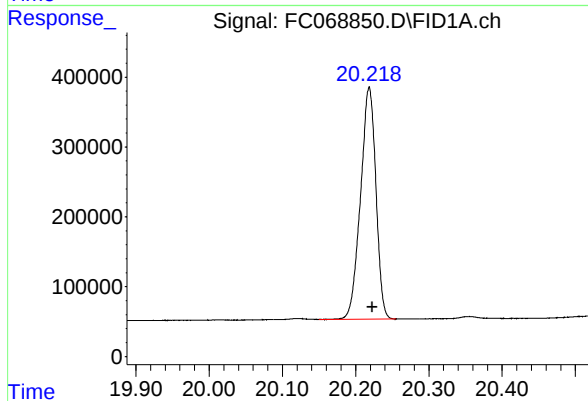
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 4928684
Conc: 57.22 ug/ml



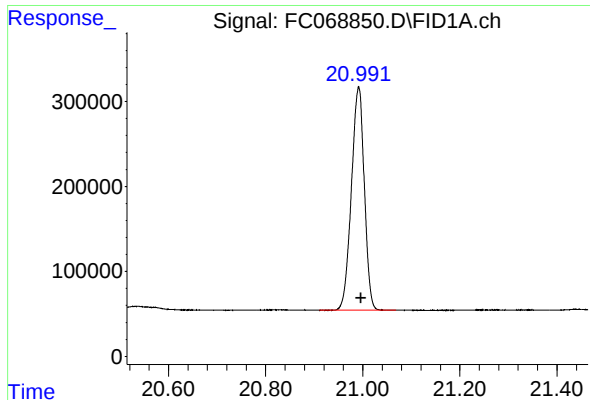
#19 n-Tetatriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.004 min
Response: 5007147
Conc: 58.77 ug/ml



#20 n-Hexatriacontane (C36)

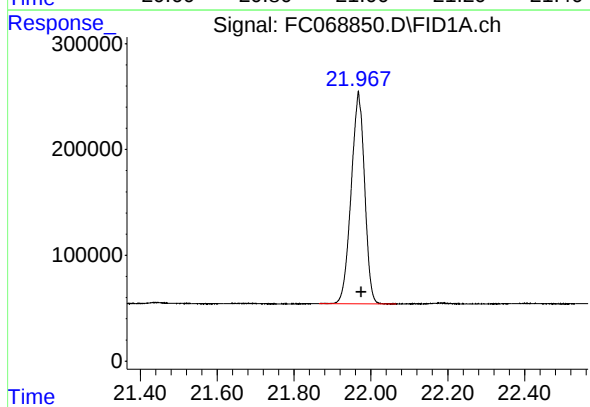
R.T.: 20.218 min
Delta R.T.: -0.004 min
Response: 4852149
Conc: 56.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min
Delta R.T.: -0.005 min
Response: 4848446
Conc: 57.80 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167974BSD



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.008 min
Response: 4842928
Conc: 59.09 ug/ml