

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052425AL\
 Data File : FC068999.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 14:50
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 27 01:39:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:38:24 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	5735770	45.095 ug/ml
Spiked Amount 50.000		Recovery =	90.19%
12) S 1-chlorooctadecane (S...	13.142	4189240	45.105 ug/ml
Spiked Amount 50.000		Recovery =	90.21%
Target Compounds			
1) T n-Nonane (C9)	3.442	4910353	44.811 ug/ml
2) T n-Decane (C10)	4.517	4908051	44.909 ug/ml
3) T A~Naphthalene (C11.7)	6.114	5384589	45.012 ug/ml
4) T n-Dodecane (C12)	6.542	4879416	44.864 ug/ml
5) T A~2-methylnaphthalene...	7.172	5298561	45.049 ug/ml
6) T n-Tetradecane (C14)	8.339	4738420	44.571 ug/ml
7) T n-Hexadecane (C16)	9.942	4671350	44.340 ug/ml
8) T n-Octadecane (C18)	11.386	4610111	44.383 ug/ml
10) T n-Eicosane (C20)	12.696	4512214	44.670 ug/ml
11) T n-Heneicosane (C21)	13.309	4469946	44.846 ug/ml
13) T n-Docosane (C22)	13.895	4429124	44.881 ug/ml
14) T n-Tetracosane (C24)	14.998	4378633	44.947 ug/ml
15) T n-Hexacosane (C26)	16.020	4321328	45.033 ug/ml
16) T n-Octacosane (C28)	16.971	4285093	44.921 ug/ml
17) T n-Tricontane (C30)	17.860	4377001	44.485 ug/ml
18) T n-Dotriacontane (C32)	18.694	4437356	44.334 ug/ml
19) T n-Tetratriacontane (C34)	19.479	4364158	44.697 ug/ml
20) T n-Hexatriacontane (C36)	20.220	4379219	45.203 ug/ml
21) T n-Octatriacontane (C38)	20.994	4251275	45.389 ug/ml
22) T n-Tetracontane (C40)	21.970	4118278	45.267 ug/ml

(f)=RT Delta > 1/2 Window

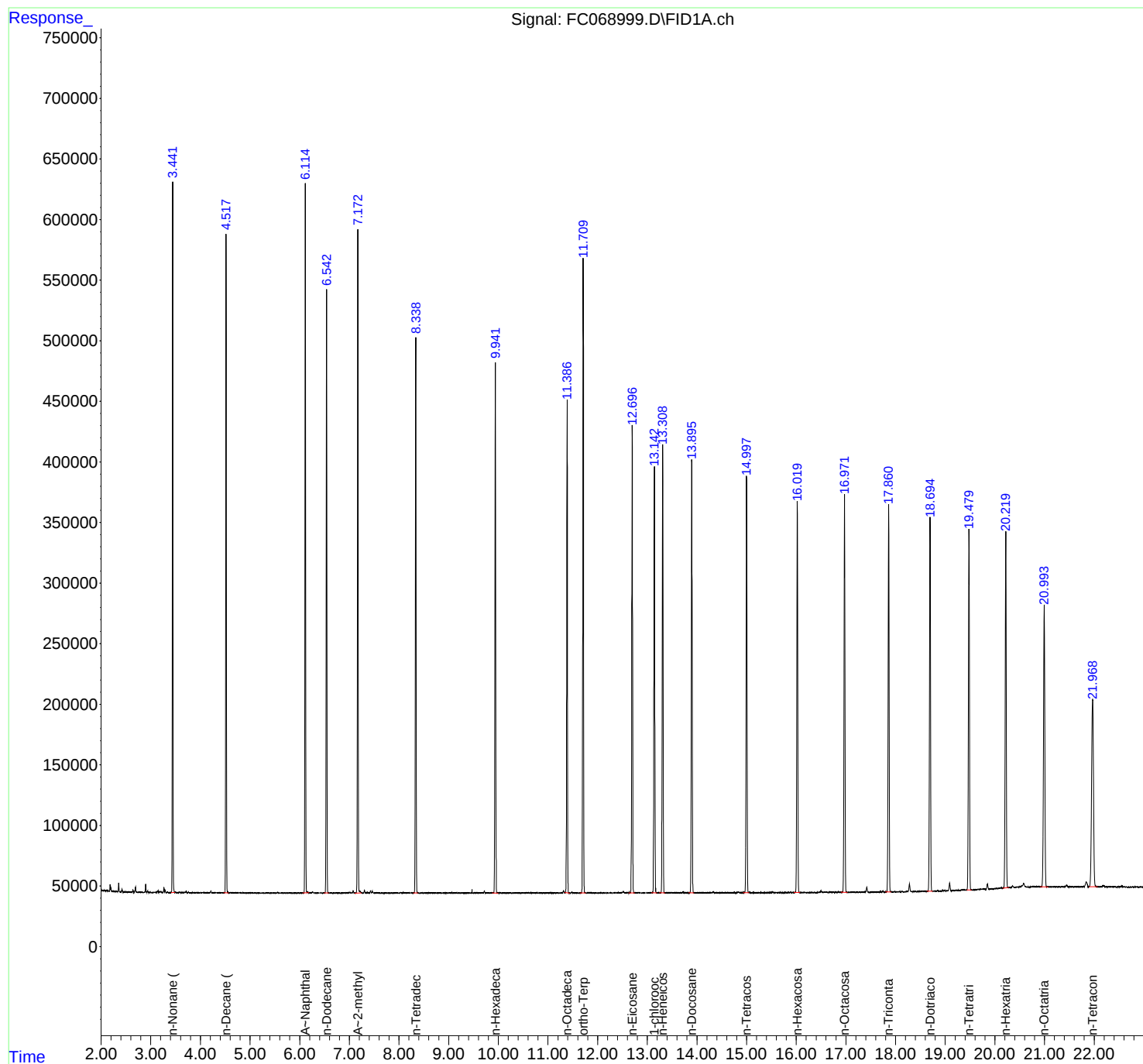
(m)=manual int.

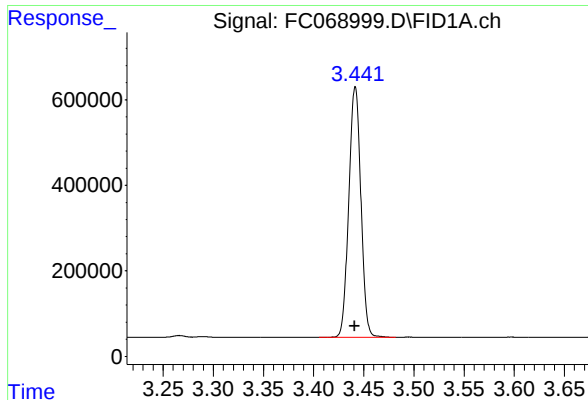
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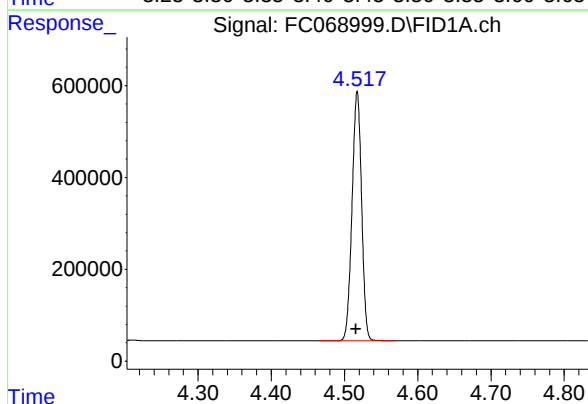




#1 n-Nonane (C9)

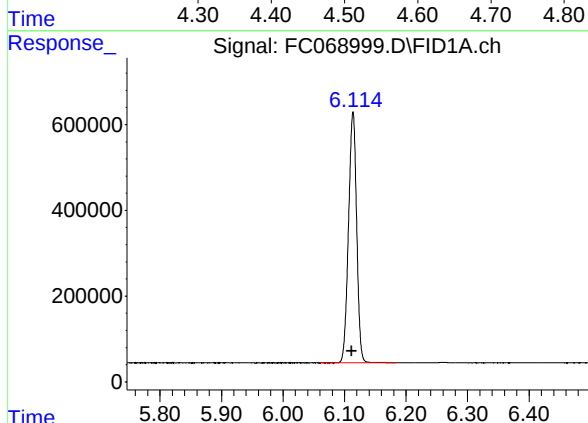
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 4910353
Conc: 44.81 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



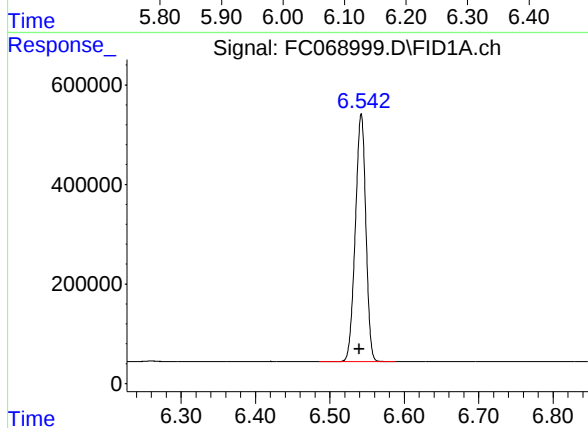
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 4908051
Conc: 44.91 ug/ml



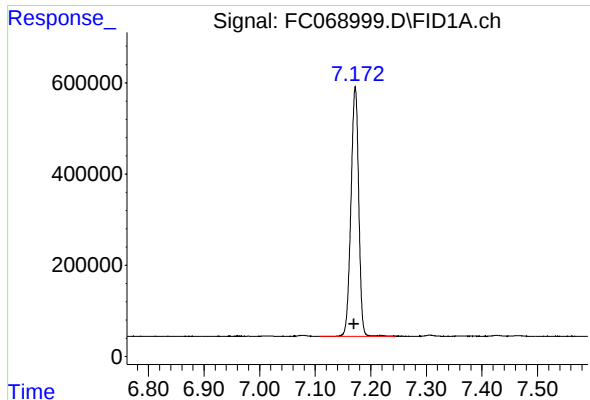
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.002 min
Response: 5384589
Conc: 45.01 ug/ml



#4 n-Dodecane (C12)

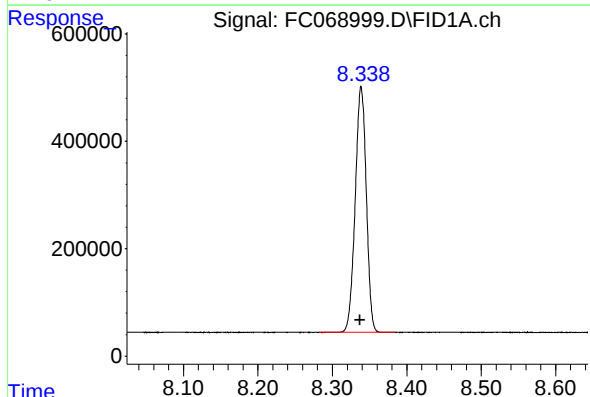
R.T.: 6.542 min
Delta R.T.: 0.002 min
Response: 4879416
Conc: 44.86 ug/ml



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

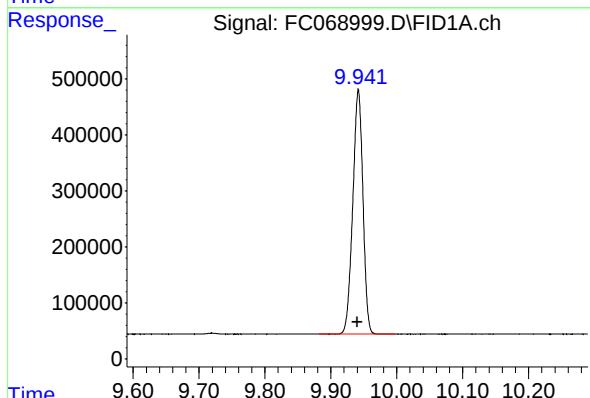
R.T.: 7.172 min
Delta R.T.: 0.002 min
Response: 5298561
Conc: 45.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



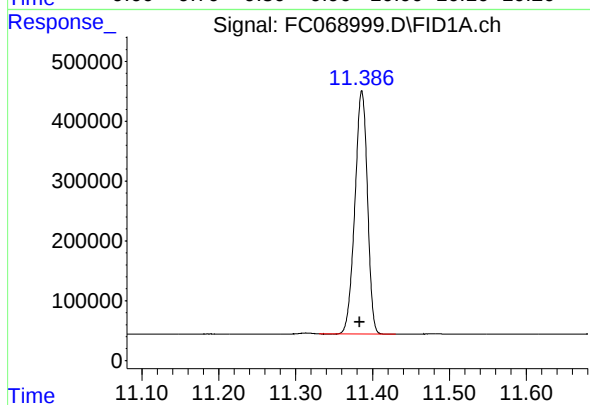
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: 0.002 min
Response: 4738420
Conc: 44.57 ug/ml



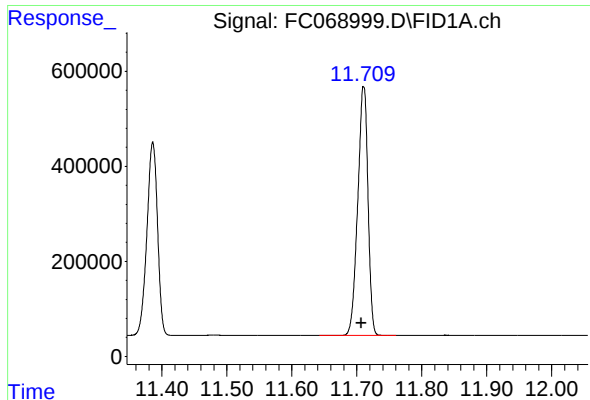
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: 0.002 min
Response: 4671350
Conc: 44.34 ug/ml



#8 n-Octadecane (C18)

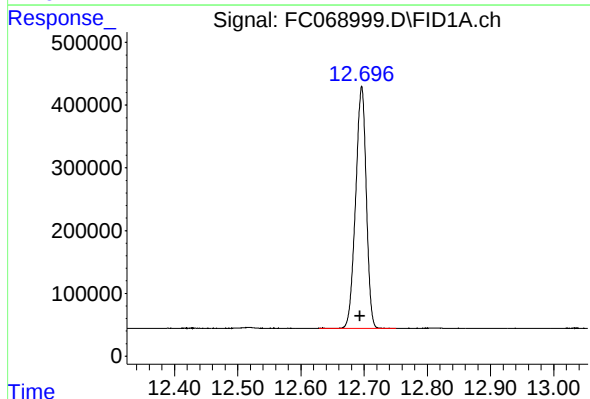
R.T.: 11.386 min
Delta R.T.: 0.003 min
Response: 4610111
Conc: 44.38 ug/ml



#9 ortho-Terphenyl (SURR)

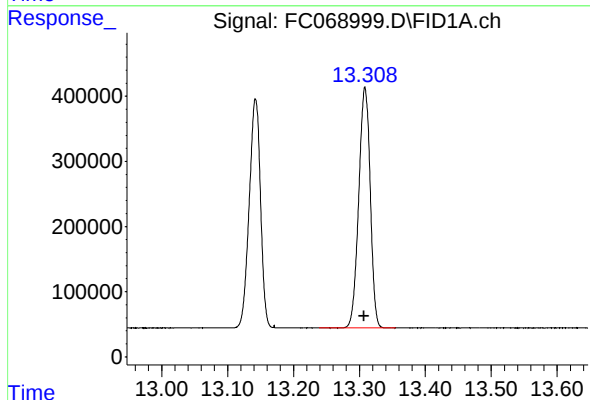
R.T.: 11.710 min
Delta R.T.: 0.004 min
Response: 5735770
Conc: 45.10 ug/ml

Instrument :
FID_C
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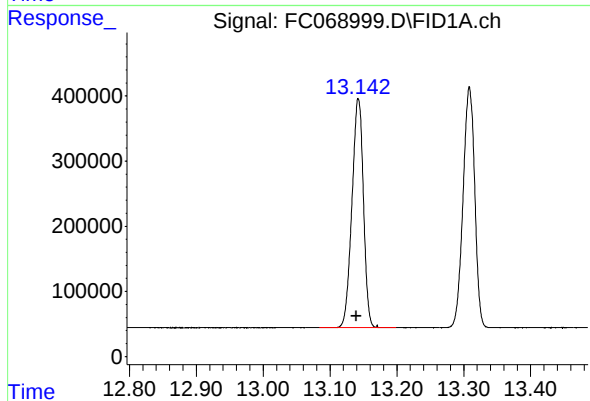
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: 0.002 min
Response: 4512214
Conc: 44.67 ug/ml



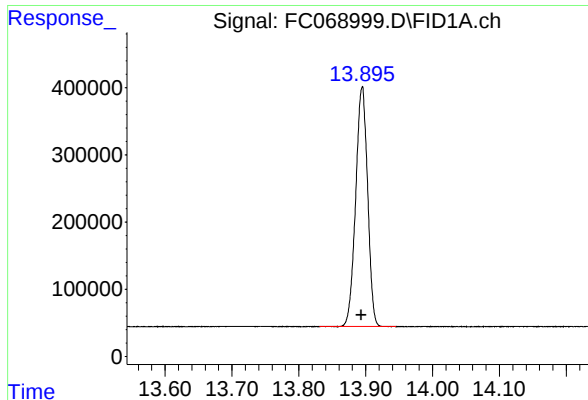
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: 0.002 min
Response: 4469946
Conc: 44.85 ug/ml



#12 1-chlorooctadecane (SURR)

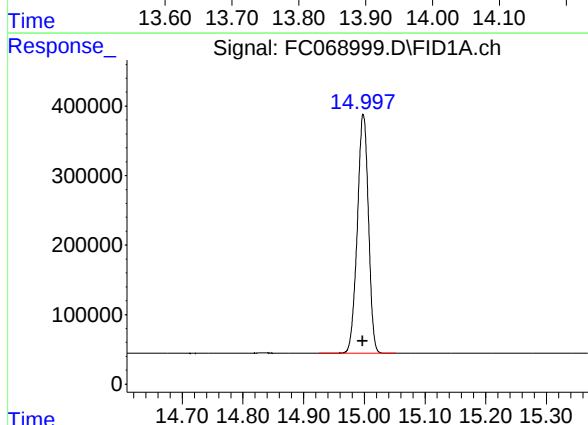
R.T.: 13.142 min
Delta R.T.: 0.003 min
Response: 4189240
Conc: 45.11 ug/ml



#13 n-Docosane (C22)

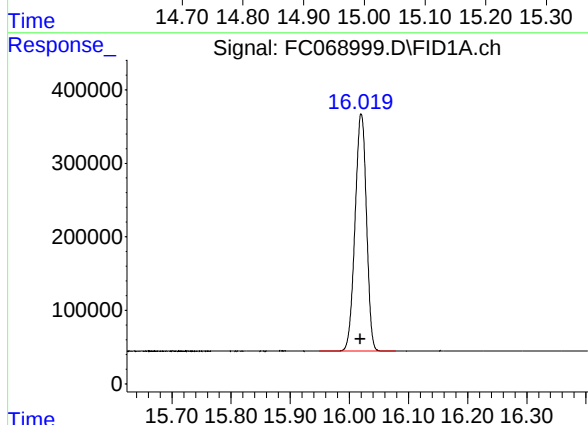
R.T.: 13.895 min
Delta R.T.: 0.001 min
Response: 4429124
Conc: 44.88 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



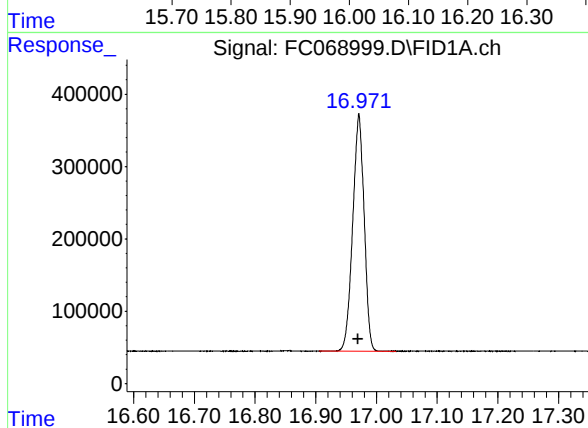
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: 0.001 min
Response: 4378633
Conc: 44.95 ug/ml



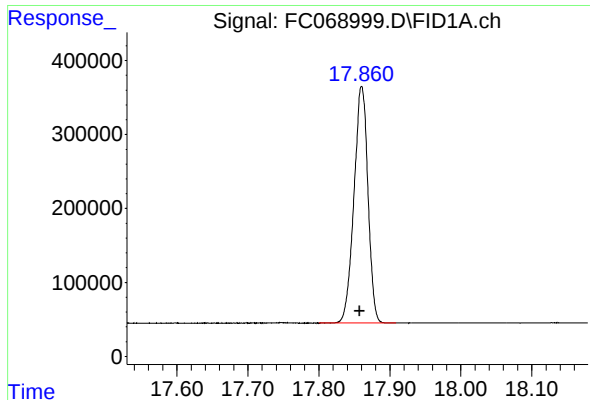
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: 0.002 min
Response: 4321328
Conc: 45.03 ug/ml



#16 n-Octacosane (C28)

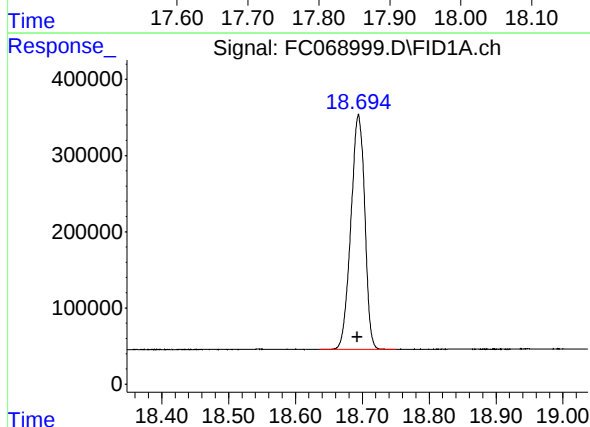
R.T.: 16.971 min
Delta R.T.: 0.001 min
Response: 4285093
Conc: 44.92 ug/ml



#17 n-Tricontane (C30)

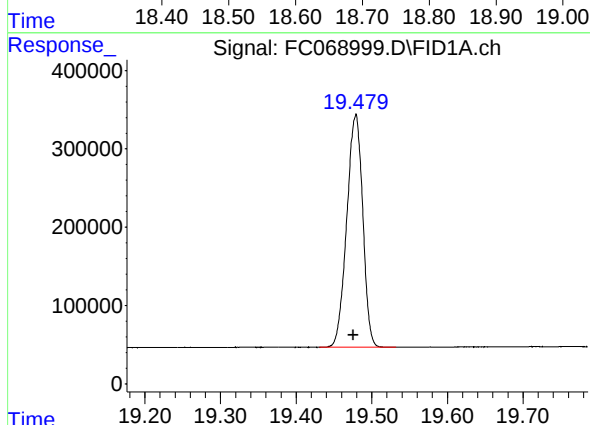
R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 4377001
Conc: 44.49 ug/ml

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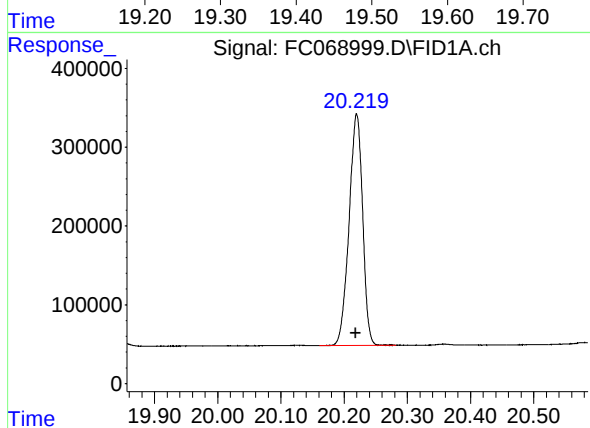
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: 0.002 min
Response: 4437356
Conc: 44.33 ug/ml



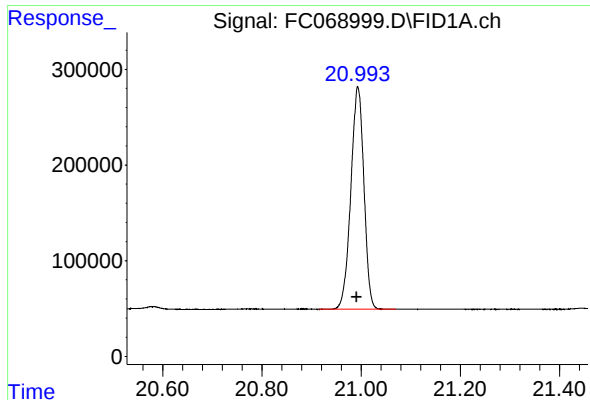
#19 n-Tetatriacontane (C34)

R.T.: 19.479 min
Delta R.T.: 0.003 min
Response: 4364158
Conc: 44.70 ug/ml



#20 n-Hexatriacontane (C36)

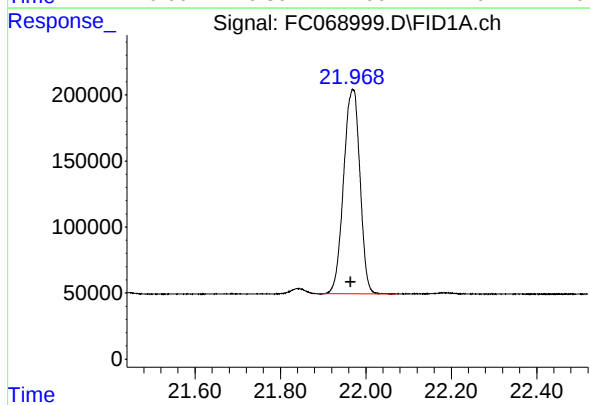
R.T.: 20.220 min
Delta R.T.: 0.002 min
Response: 4379219
Conc: 45.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: 0.003 min
Response: 4251275
Conc: 45.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.005 min
Response: 4118278
Conc: 45.27 ug/ml