

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032625AL\
 Data File : FC068402.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2025 11:05
 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: Mar 26 13:12:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:10:46 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)	11.390	9464670	45.765 ug/ml
Spiked Amount 50.000		Recovery =	91.53%
12) S 1-chlorooctadecane (S...	12.830	7002346	44.932 ug/ml
Spiked Amount 50.000		Recovery =	89.86%
Target Compounds			
1) T n-Nonane (C9)	3.202	7855746	47.372 ug/ml
2) T n-Decane (C10)	4.257	7995500	47.421 ug/ml
3) T A~Naphthalene (C11.7)	5.821	8815730	47.718 ug/ml
4) T n-Dodecane (C12)	6.263	8106450	47.398 ug/ml
5) T A~2-methylnaphthalene...	6.873	8570514	48.060 ug/ml
6) T n-Tetradecane (C14)	8.050	8121733	47.367 ug/ml
7) T n-Hexadecane (C16)	9.646	8403555	46.785 ug/ml
8) T n-Octadecane (C18)	11.085	8427177	45.938 ug/ml
10) T n-Eicosane (C20)	12.389	8040363	45.110 ug/ml
11) T n-Heneicosane (C21)	13.000	7833568	44.768 ug/ml
13) T n-Docosane (C22)	13.585	7826241	44.829 ug/ml
14) T n-Tetracosane (C24)	14.685	7903096	45.404 ug/ml
15) T n-Hexacosane (C26)	15.704	7744438	45.496 ug/ml
16) T n-Octacosane (C28)	16.652	7509178	44.641 ug/ml
17) T n-Tricontane (C30)	17.537	7529162	42.978 ug/ml
18) T n-Dotriacontane (C32)	18.368	7082773	41.783 ug/ml
19) T n-Tetratriacontane (C34)	19.151	6355847	42.092 ug/ml
20) T n-Hexatriacontane (C36)	19.888	5418030	42.719 ug/ml
21) T n-Octatriacontane (C38)	20.599	4849344	43.297 ug/ml
22) T n-Tetracontane (C40)	21.447	4538954	44.155 ug/ml

(f)=RT Delta > 1/2 Window

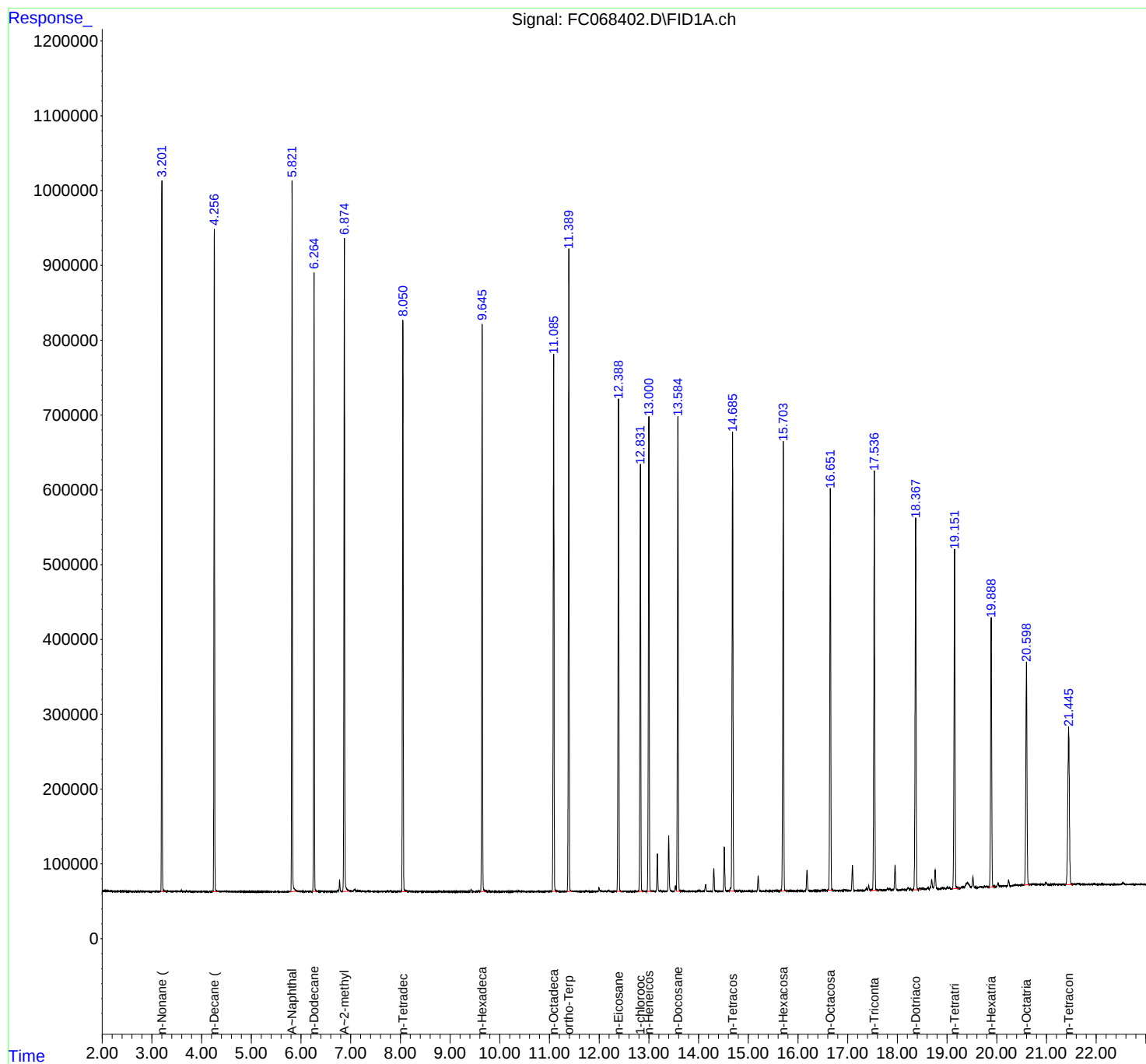
(m)=manual int.

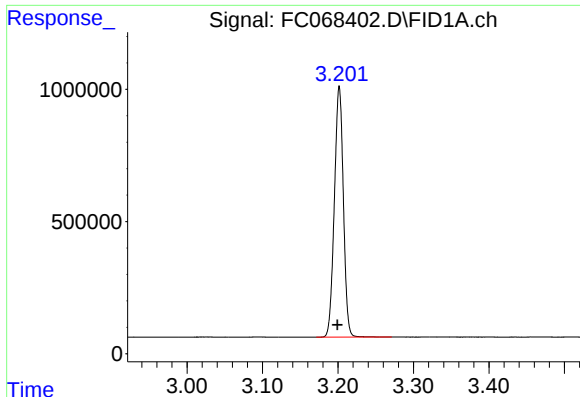
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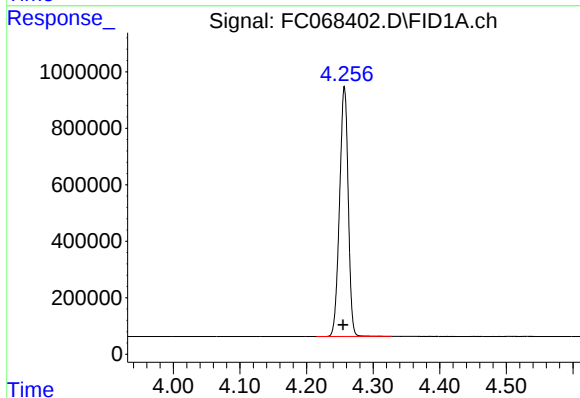




#1 n-Nonane (C9)

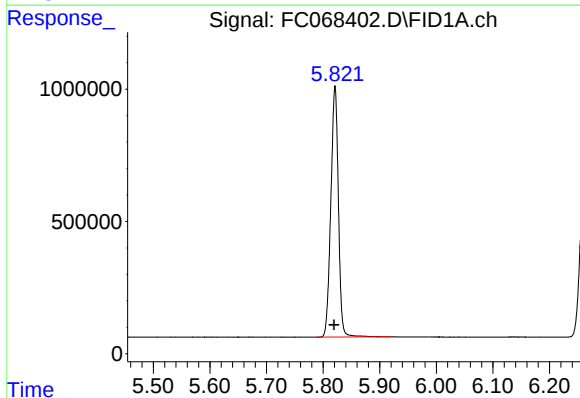
R.T.: 3.202 min
Delta R.T.: 0.003 min
Response: 7855746
Conc: 47.37 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



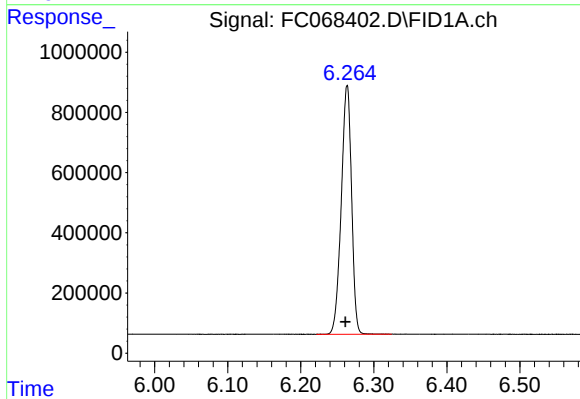
#2 n-Decane (C10)

R.T.: 4.257 min
Delta R.T.: 0.002 min
Response: 7995500
Conc: 47.42 ug/ml



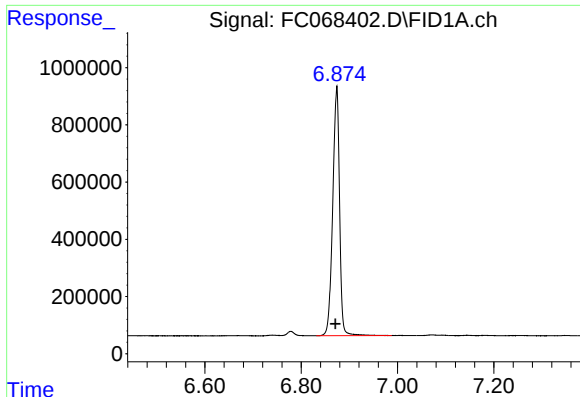
#3 A~Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 8815730
Conc: 47.72 ug/ml



#4 n-Dodecane (C12)

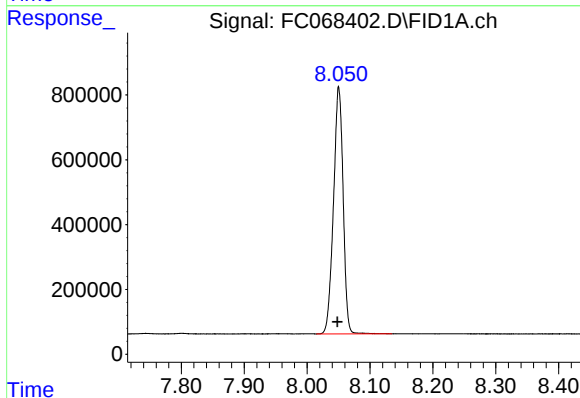
R.T.: 6.263 min
Delta R.T.: 0.002 min
Response: 8106450
Conc: 47.40 ug/ml



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

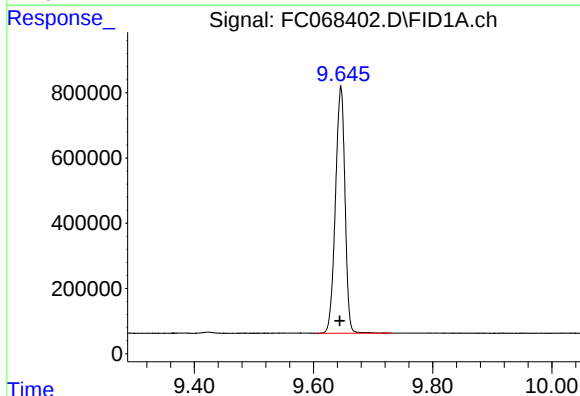
R.T.: 6.873 min
Delta R.T.: 0.003 min
Response: 8570514
Conc: 48.06 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



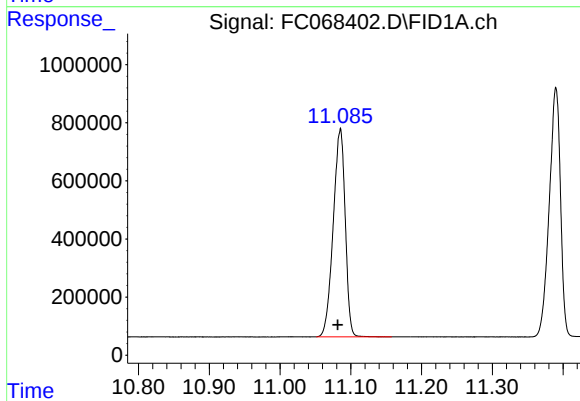
#6 n-Tetradecane (C14)

R.T.: 8.050 min
Delta R.T.: 0.002 min
Response: 8121733
Conc: 47.37 ug/ml



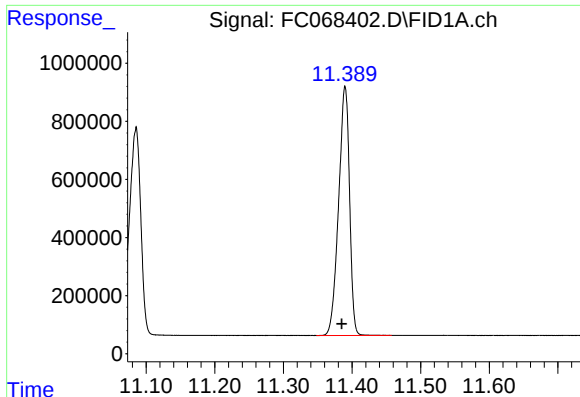
#7 n-Hexadecane (C16)

R.T.: 9.646 min
Delta R.T.: 0.002 min
Response: 8403555
Conc: 46.78 ug/ml



#8 n-Octadecane (C18)

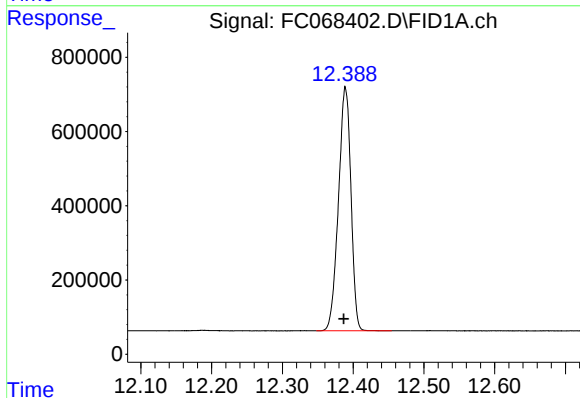
R.T.: 11.085 min
Delta R.T.: 0.003 min
Response: 8427177
Conc: 45.94 ug/ml



#9 ortho-Terphenyl (SURR)

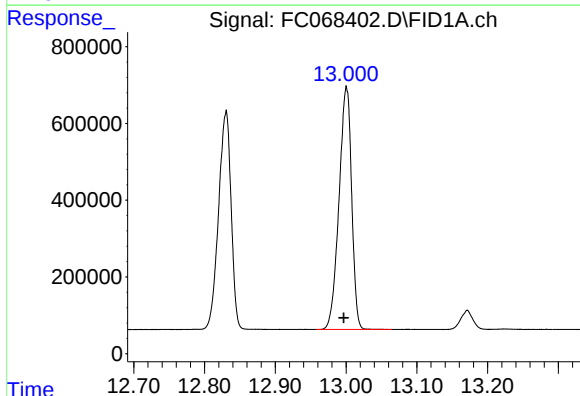
R.T.: 11.390 min
Delta R.T.: 0.005 min
Response: 9464670
Conc: 45.76 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



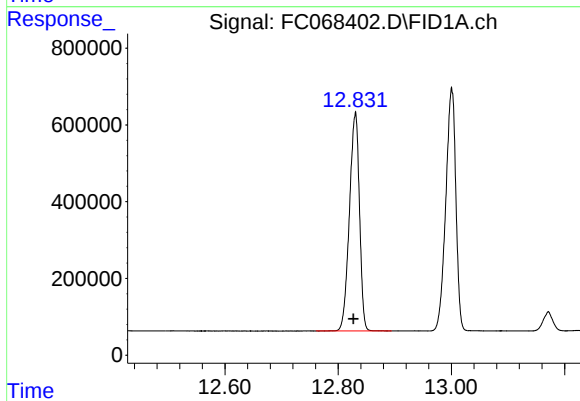
#10 n-Eicosane (C20)

R.T.: 12.389 min
Delta R.T.: 0.003 min
Response: 8040363
Conc: 45.11 ug/ml



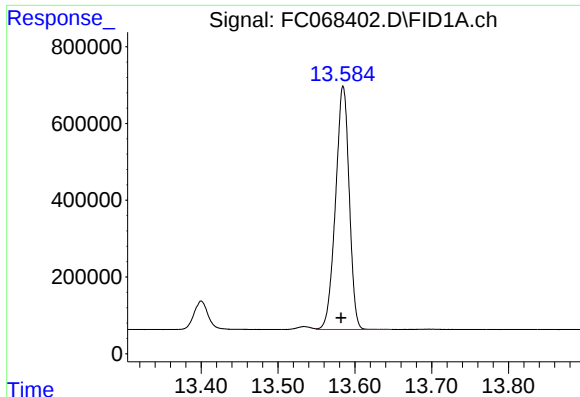
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: 0.003 min
Response: 7833568
Conc: 44.77 ug/ml



#12 1-chlorooctadecane (SURR)

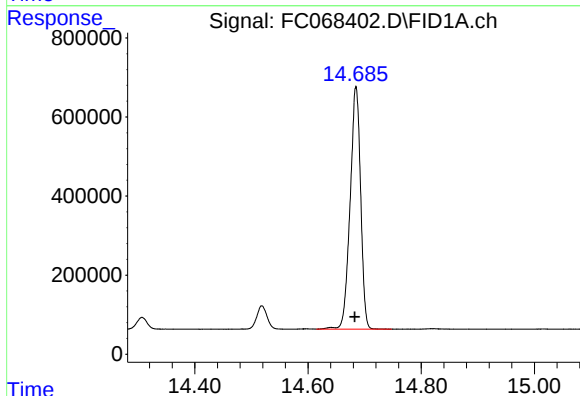
R.T.: 12.830 min
Delta R.T.: 0.003 min
Response: 7002346
Conc: 44.93 ug/ml



#13 n-Docosane (C22)

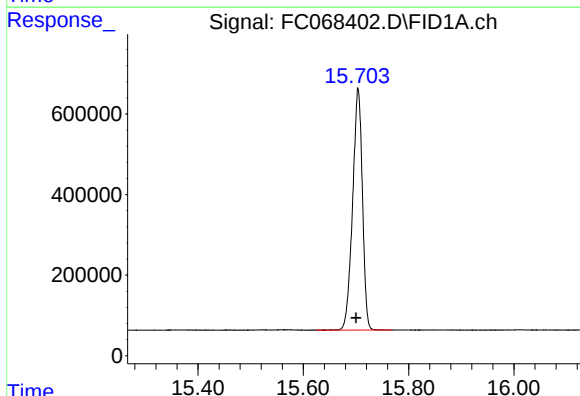
R.T.: 13.585 min
Delta R.T.: 0.003 min
Response: 7826241
Conc: 44.83 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



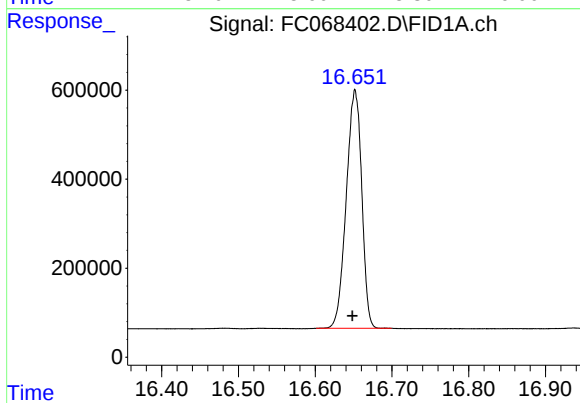
#14 n-Tetracosane (C24)

R.T.: 14.685 min
Delta R.T.: 0.002 min
Response: 7903096
Conc: 45.40 ug/ml



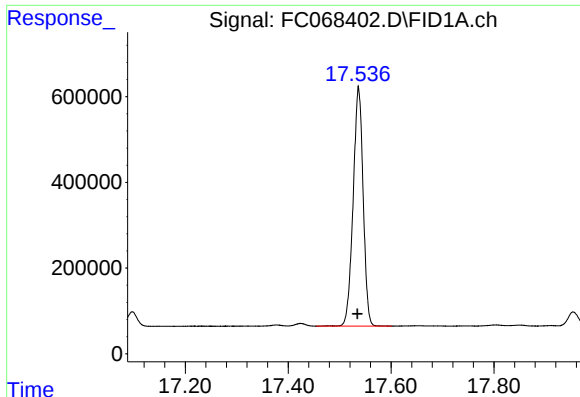
#15 n-Hexacosane (C26)

R.T.: 15.704 min
Delta R.T.: 0.004 min
Response: 7744438
Conc: 45.50 ug/ml



#16 n-Octacosane (C28)

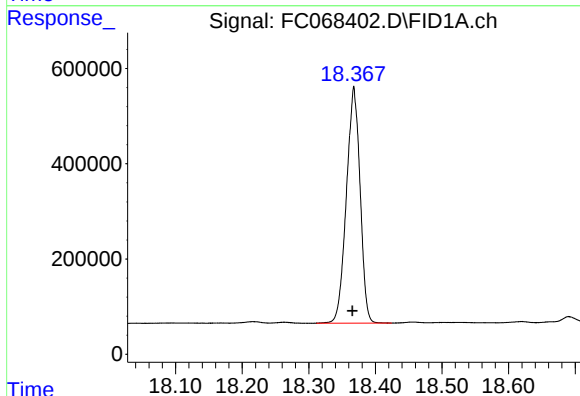
R.T.: 16.652 min
Delta R.T.: 0.003 min
Response: 7509178
Conc: 44.64 ug/ml



#17 n-Tricontane (C30)

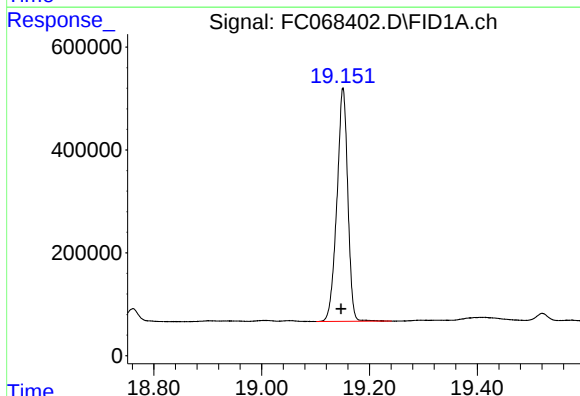
R.T.: 17.537 min
Delta R.T.: 0.003 min
Response: 7529162
Conc: 42.98 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



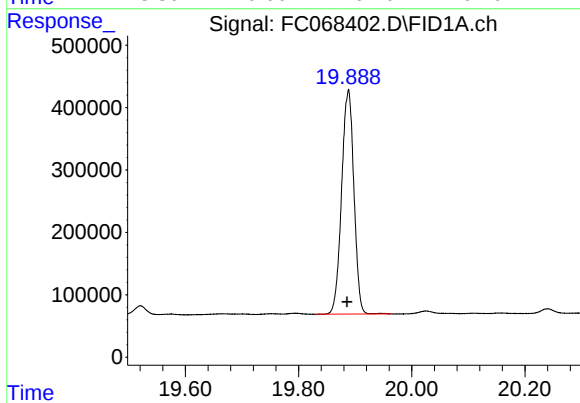
#18 n-Dotriacontane (C32)

R.T.: 18.368 min
Delta R.T.: 0.002 min
Response: 7082773
Conc: 41.78 ug/ml



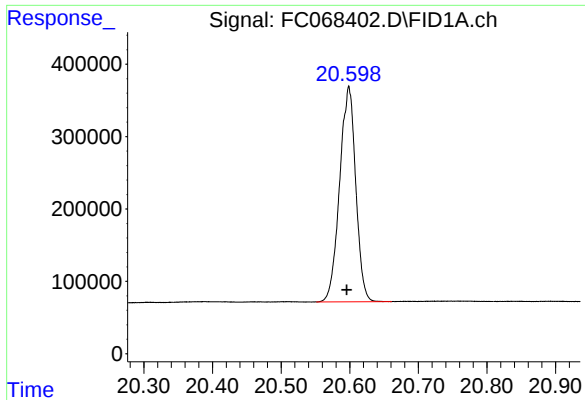
#19 n-Tetratriacontane (C34)

R.T.: 19.151 min
Delta R.T.: 0.003 min
Response: 6355847
Conc: 42.09 ug/ml



#20 n-Hexatriacontane (C36)

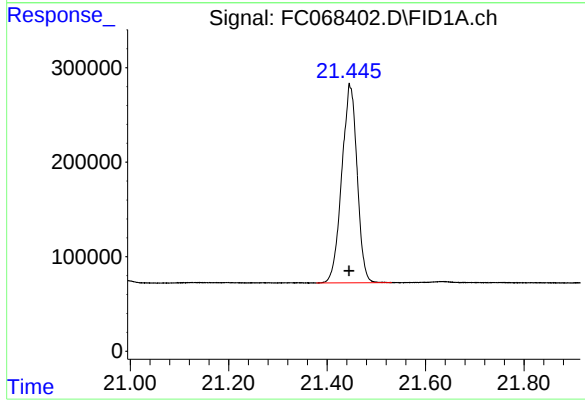
R.T.: 19.888 min
Delta R.T.: 0.002 min
Response: 5418030
Conc: 42.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.599 min
Delta R.T.: 0.003 min
Response: 4849344
Conc: 43.30 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.447 min
Delta R.T.: 0.002 min
Response: 4538954
Conc: 44.16 ug/ml