

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090825AL\
 Data File : FC069822.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2025 19:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 05:22:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.668	2277852	17.591 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
12) S 1-chlorooctadecane (S...	13.101	1676639	17.523 ug/ml
Spiked Amount 50.000		Recovery =	35.05%
Target Compounds			
1) T n-Nonane (C9)	3.412	2134530	17.026 ug/ml
2) T n-Decane (C10)	4.482	2167391	17.010 ug/ml
3) T A~Naphthalene (C11.7)	6.076	2323631	17.273 ug/ml
4) T n-Dodecane (C12)	6.504	2160442	16.861 ug/ml
5) T A~2-methylnaphthalene...	7.134	2202052	17.194 ug/ml
6) T n-Tetradecane (C14)	8.300	2104434	16.500 ug/ml
7) T n-Hexadecane (C16)	9.902	2133969	16.524 ug/ml
8) T n-Octadecane (C18)	11.345	2115360	16.871 ug/ml
10) T n-Eicosane (C20)	12.656	1992003	17.162 ug/ml
11) T n-Heneicosane (C21)	13.267	1936639	17.319 ug/ml
13) T n-Docosane (C22)	13.854	1927124	17.659 ug/ml
14) T n-Tetracosane (C24)	14.957	1924012	18.346 ug/ml
15) T n-Hexacosane (C26)	15.979	1853525	18.495 ug/ml
16) T n-Octacosane (C28)	16.931	1793167	18.624 ug/ml
17) T n-Tricontane (C30)	17.819	1771745	18.423 ug/ml
18) T n-Dotriacontane (C32)	18.652	1670061	17.928 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1467176	17.002 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1200843	15.741 ug/ml
21) T n-Octatriacontane (C38)	20.940	1085367	15.434 ug/ml
22) T n-Tetracontane (C40)	21.900	1031768	15.532 ug/ml

(f)=RT Delta > 1/2 Window

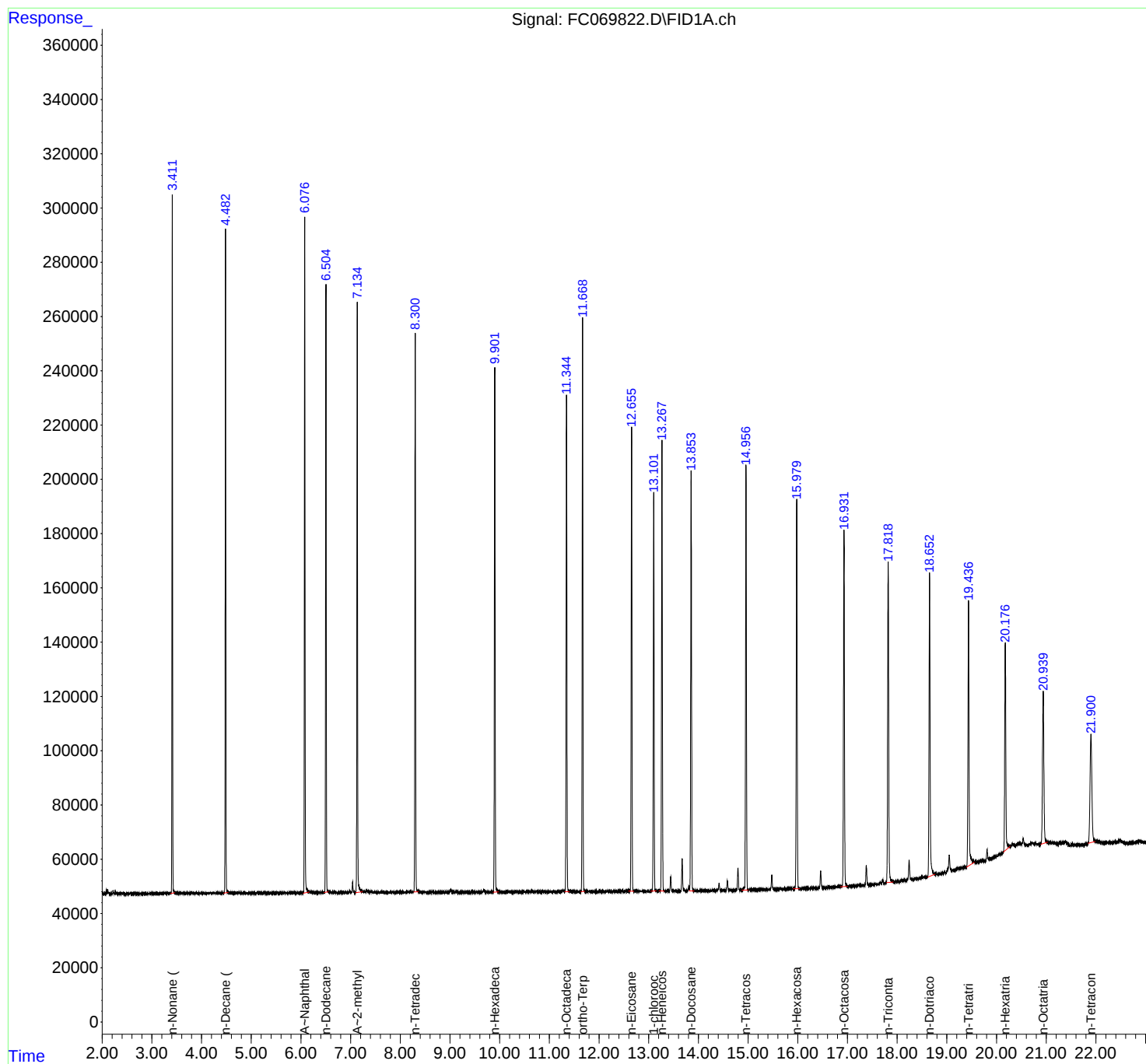
(m)=manual int.

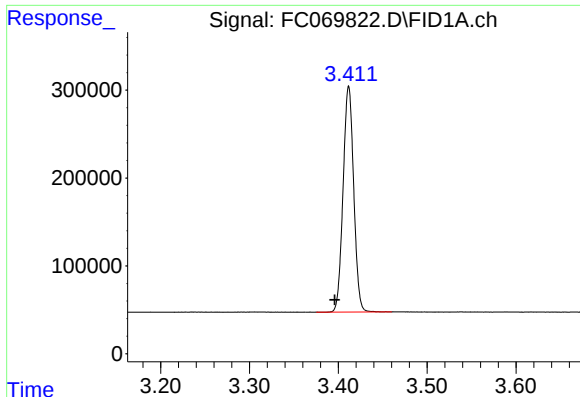
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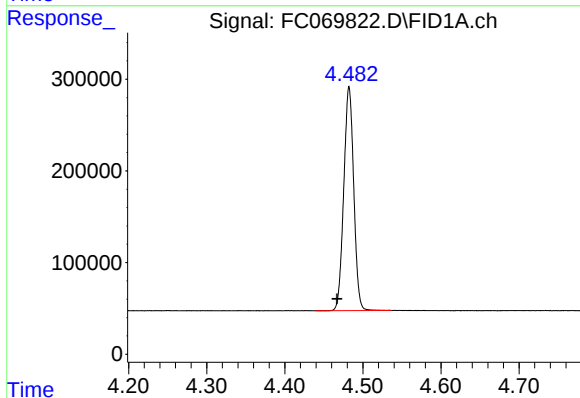




#1 n-Nonane (C9)

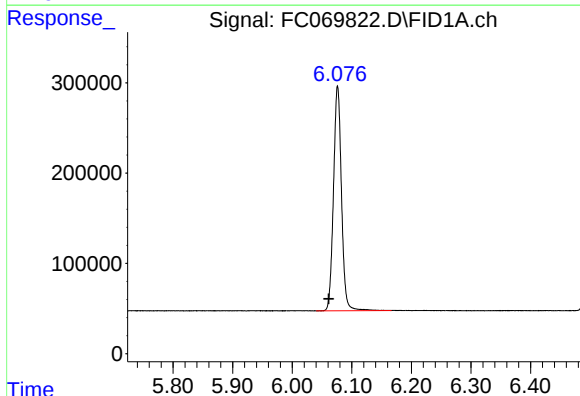
R.T.: 3.412 min
Delta R.T.: 0.016 min
Response: 2134530
Conc: 17.03 ug/ml

Instrument :
FID_E
ClientSampleId :



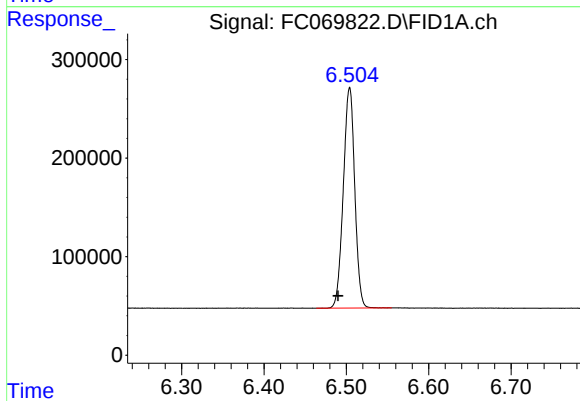
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.015 min
Response: 2167391
Conc: 17.01 ug/ml



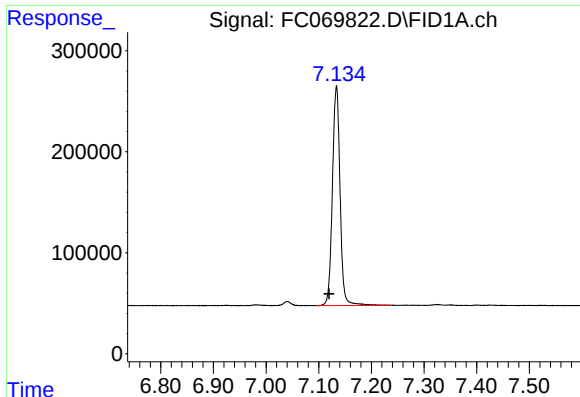
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.015 min
Response: 2323631
Conc: 17.27 ug/ml



#4 n-Dodecane (C12)

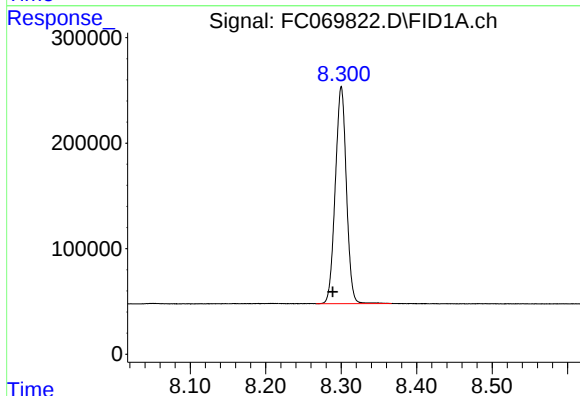
R.T.: 6.504 min
Delta R.T.: 0.014 min
Response: 2160442
Conc: 16.86 ug/ml



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

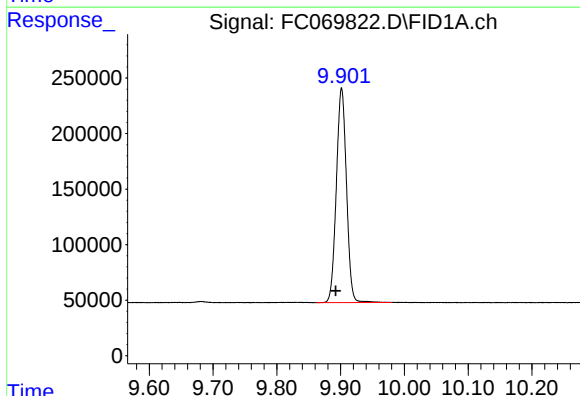
R.T.: 7.134 min
Delta R.T.: 0.014 min
Response: 2202052
Conc: 17.19 ug/ml

Instrument :
FID_E
ClientSampleId :



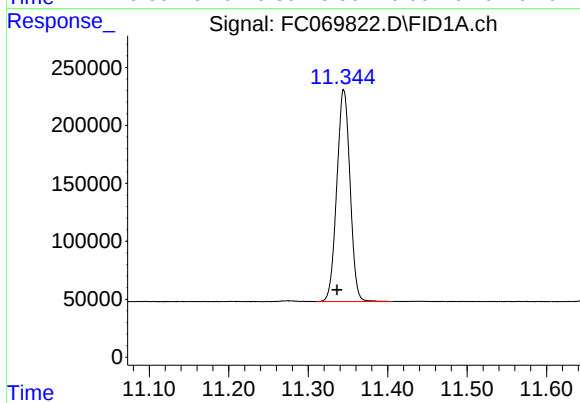
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.011 min
Response: 2104434
Conc: 16.50 ug/ml



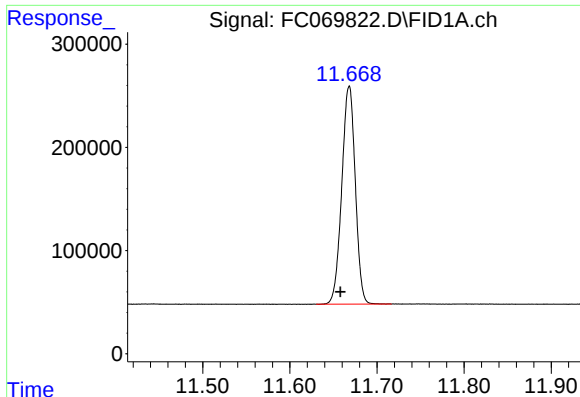
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.009 min
Response: 2133969
Conc: 16.52 ug/ml



#8 n-Octadecane (C18)

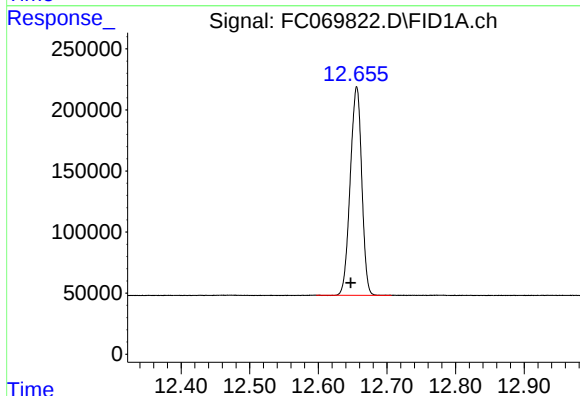
R.T.: 11.345 min
Delta R.T.: 0.009 min
Response: 2115360
Conc: 16.87 ug/ml



#9 ortho-Terphenyl (SURR)

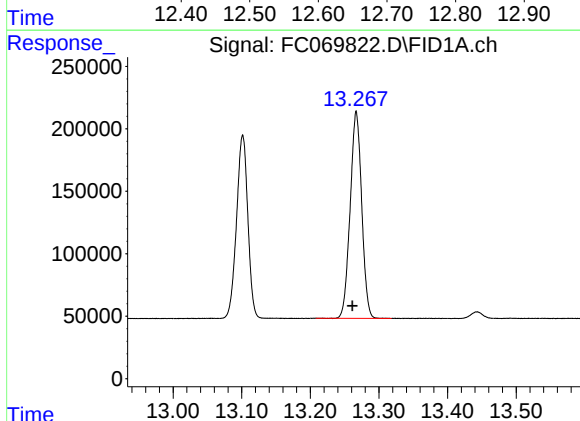
R.T.: 11.668 min
Delta R.T.: 0.010 min
Response: 2277852
Conc: 17.59 ug/ml

Instrument :
FID_E
ClientSampleId :



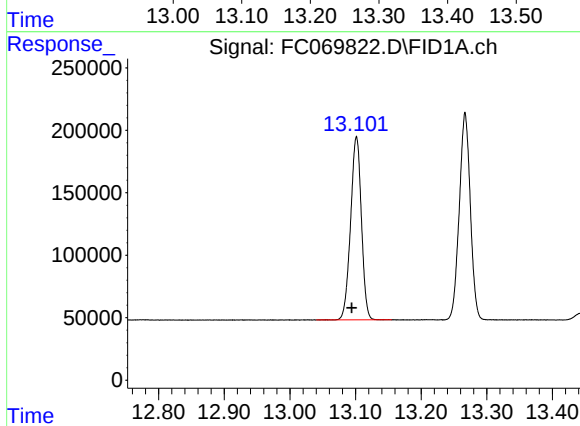
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.008 min
Response: 1992003
Conc: 17.16 ug/ml



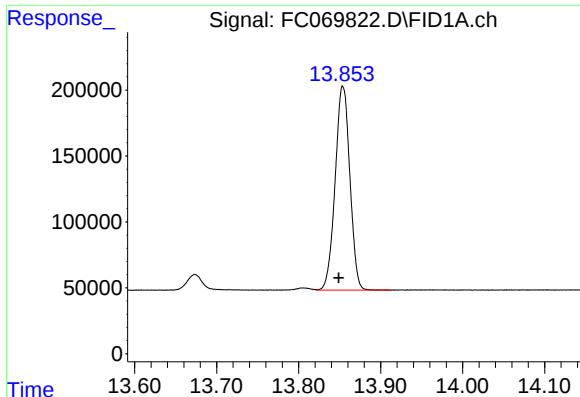
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: 0.006 min
Response: 1936639
Conc: 17.32 ug/ml



#12 1-chlorooctadecane (SURR)

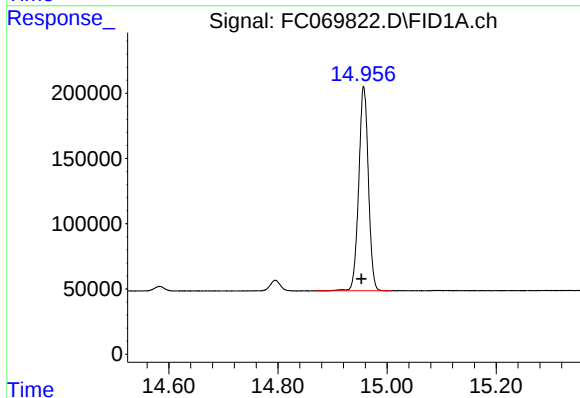
R.T.: 13.101 min
Delta R.T.: 0.007 min
Response: 1676639
Conc: 17.52 ug/ml



#13 n-Docosane (C22)

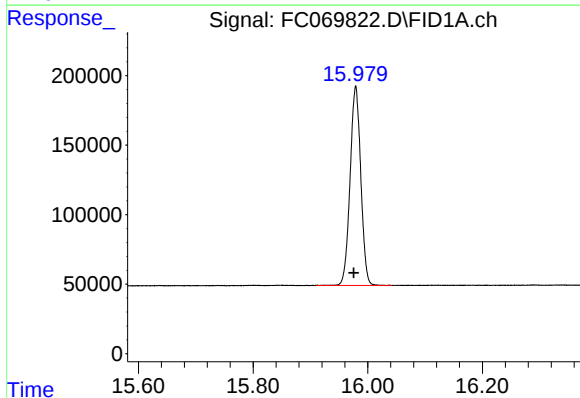
R.T.: 13.854 min
Delta R.T.: 0.005 min
Response: 1927124
Conc: 17.66 ug/ml

Instrument :
FID_E
ClientSampleId :



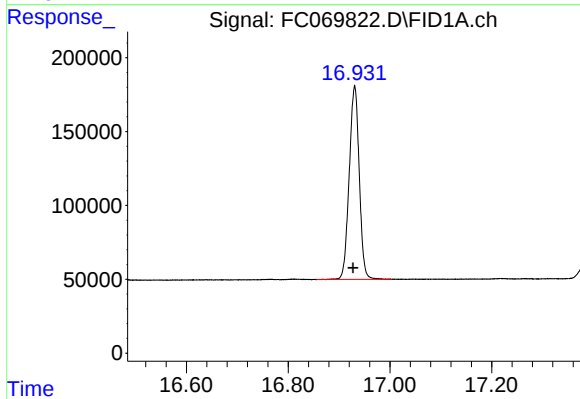
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.004 min
Response: 1924012
Conc: 18.35 ug/ml



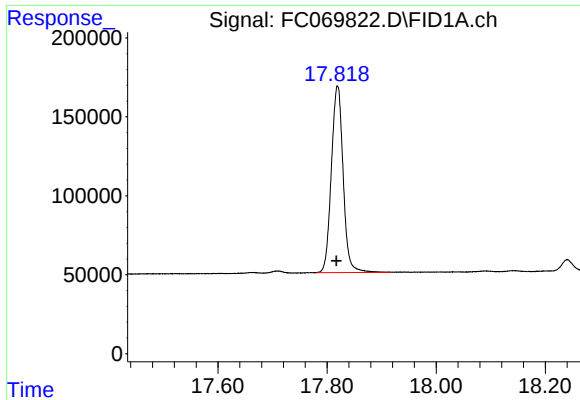
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: 0.003 min
Response: 1853525
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

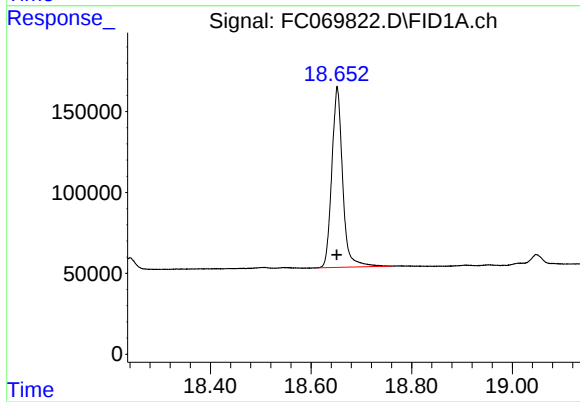
R.T.: 16.931 min
Delta R.T.: 0.003 min
Response: 1793167
Conc: 18.62 ug/ml



#17 n-Tricontane (C30)

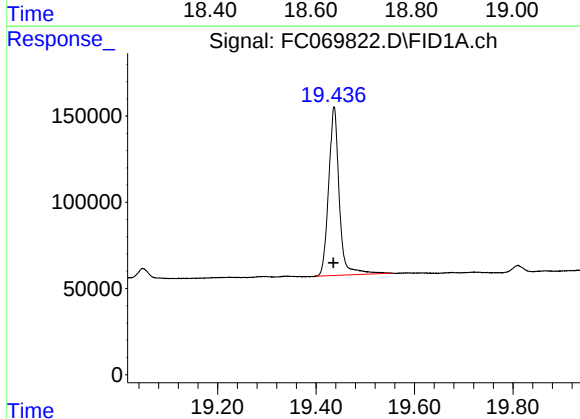
R.T.: 17.819 min
Delta R.T.: 0.002 min
Response: 1771745
Conc: 18.42 ug/ml

Instrument :
FID_E
ClientSampleId :



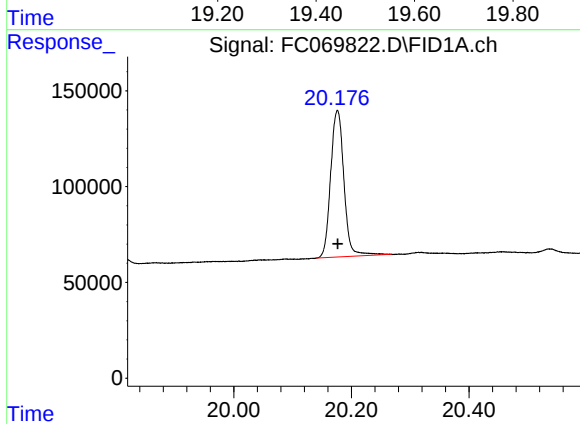
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: 0.001 min
Response: 1670061
Conc: 17.93 ug/ml



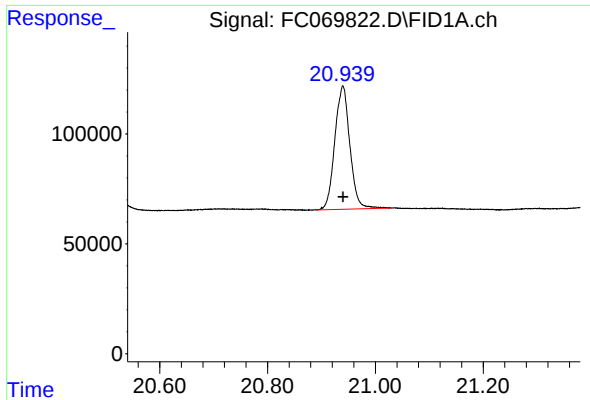
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: 0.002 min
Response: 1467176
Conc: 17.00 ug/ml



#20 n-Hexatriacontane (C36)

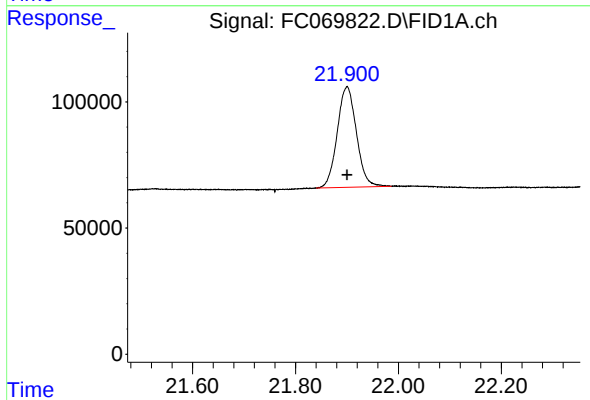
R.T.: 20.176 min
Delta R.T.: 0.000 min
Response: 1200843
Conc: 15.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.000 min
Response: 1085367
Conc: 15.43 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.000 min
Response: 1031768
Conc: 15.53 ug/ml