

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072325AL\
 Data File : FC069502.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2025 09:55
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 24 01:25:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.664	2722326	18.344 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	13.099	2025535	17.923 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.401	2602063	19.121 ug/ml
2) T n-Decane (C10)	4.472	2686650	19.303 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2865833	18.965 ug/ml
4) T n-Dodecane (C12)	6.497	2755465	19.441 ug/ml
5) T A~2-methylnaphthalene...	7.124	2746133	18.797 ug/ml
6) T n-Tetradecane (C14)	8.295	2763832	19.438 ug/ml
7) T n-Hexadecane (C16)	9.899	2804082	19.211 ug/ml
8) T n-Octadecane (C18)	11.343	2717321	18.890 ug/ml
10) T n-Eicosane (C20)	12.654	2490488	18.551 ug/ml
11) T n-Heneicosane (C21)	13.266	2386445	18.373 ug/ml
13) T n-Docosane (C22)	13.853	2318573	18.255 ug/ml
14) T n-Tetracosane (C24)	14.957	2203445	18.053 ug/ml
15) T n-Hexacosane (C26)	15.980	2077537	17.882 ug/ml
16) T n-Octacosane (C28)	16.930	1979550	17.880 ug/ml
17) T n-Tricontane (C30)	17.818	1985781	18.135 ug/ml
18) T n-Dotriacontane (C32)	18.652	1933415	18.632 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1778960	18.879 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1559949	18.886 ug/ml
21) T n-Octatriacontane (C38)	20.941	1420500	18.702 ug/ml
22) T n-Tetracontane (C40)	21.901	1306658	17.839 ug/ml

(f)=RT Delta > 1/2 Window

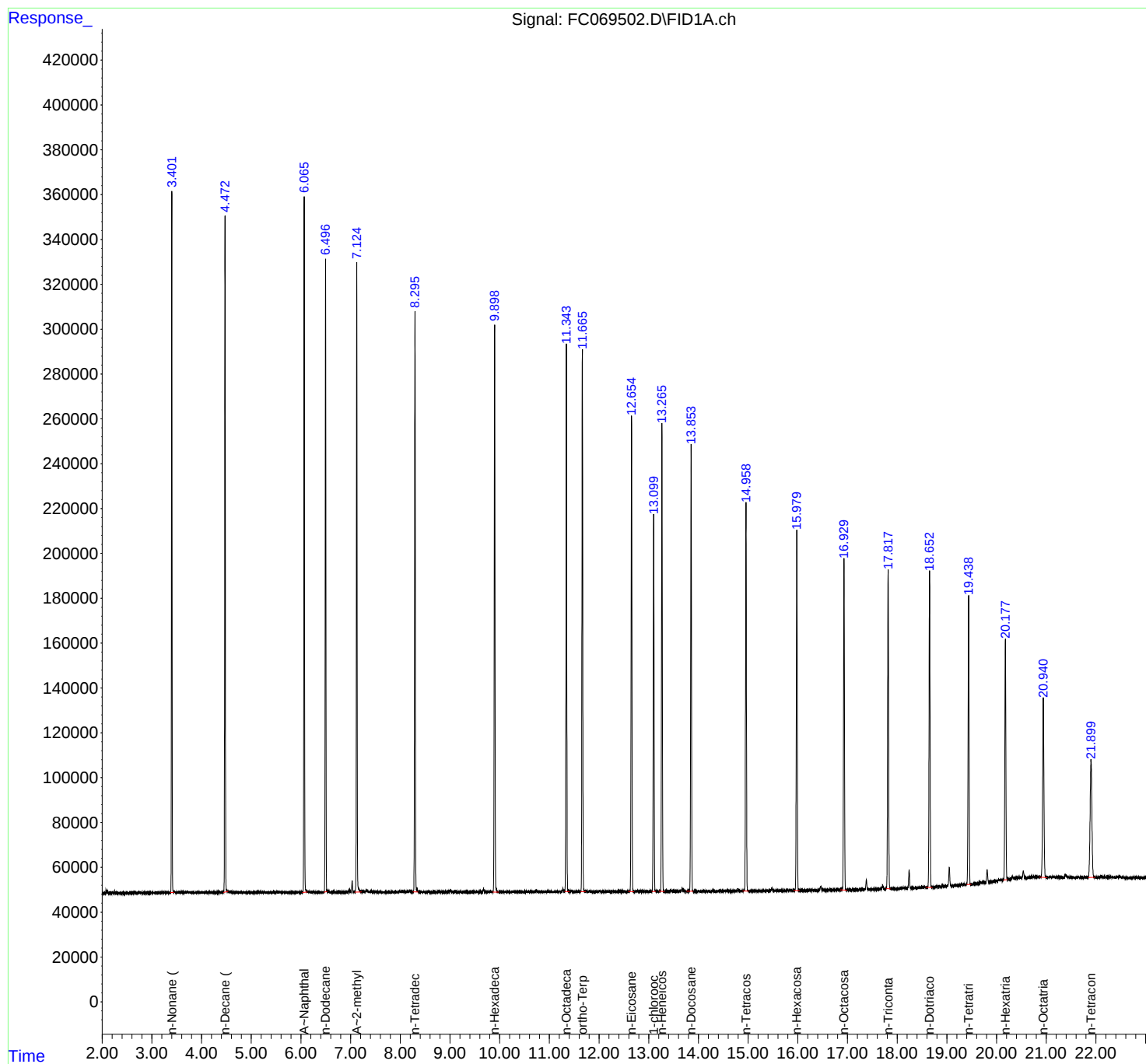
(m)=manual int.

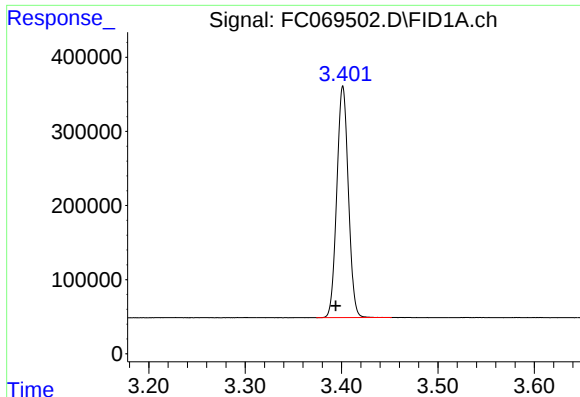
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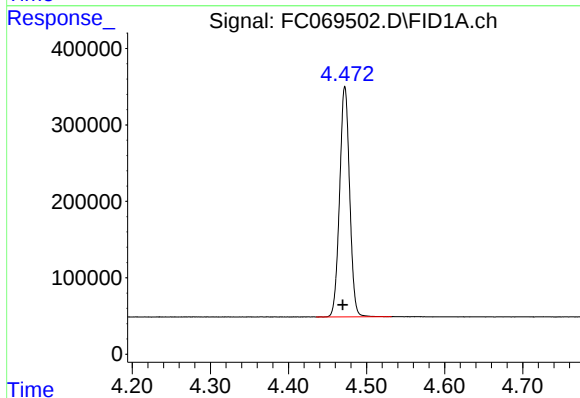




#1 n-Nonane (C9)

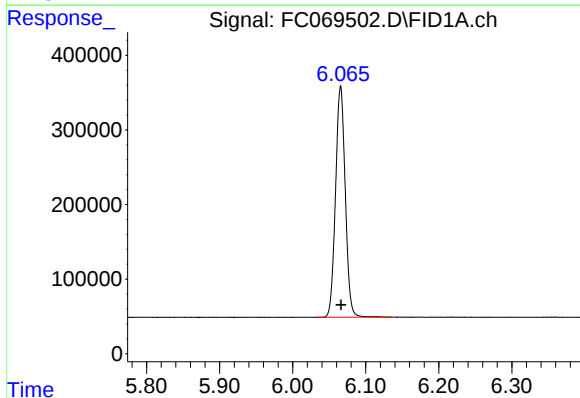
R.T.: 3.401 min
Delta R.T.: 0.007 min
Response: 2602063
Conc: 19.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



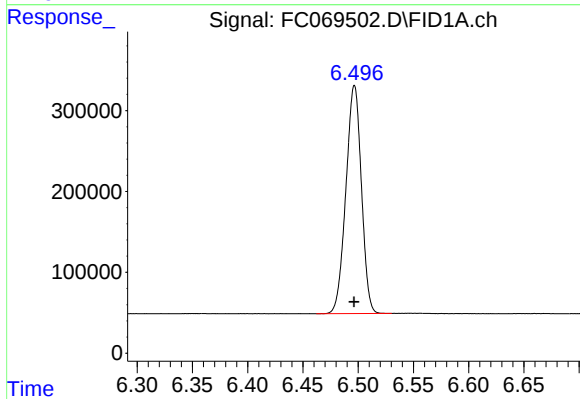
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.003 min
Response: 2686650
Conc: 19.30 ug/ml



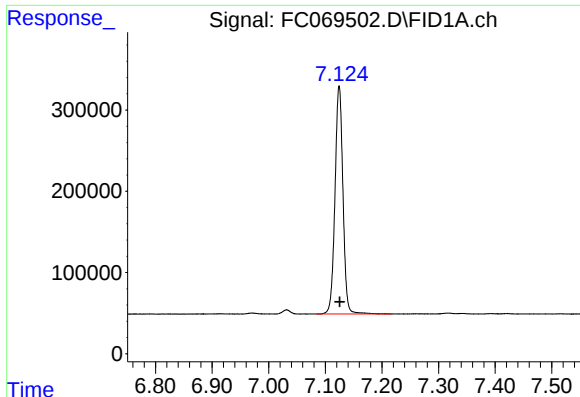
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2865833
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

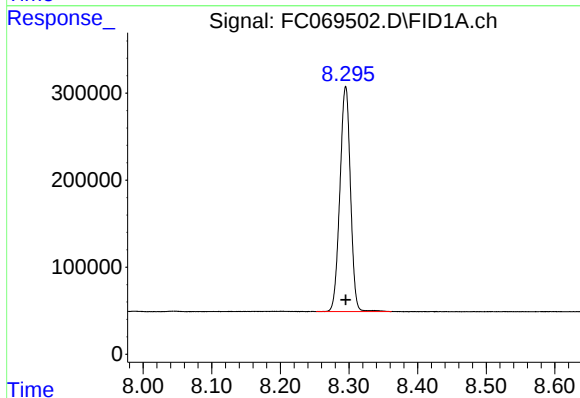
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 2755465
Conc: 19.44 ug/ml



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

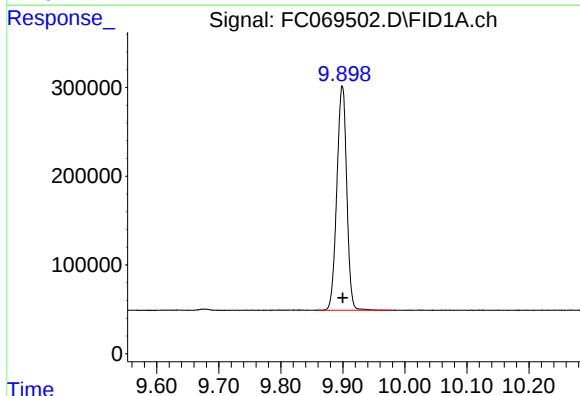
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 2746133
Conc: 18.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



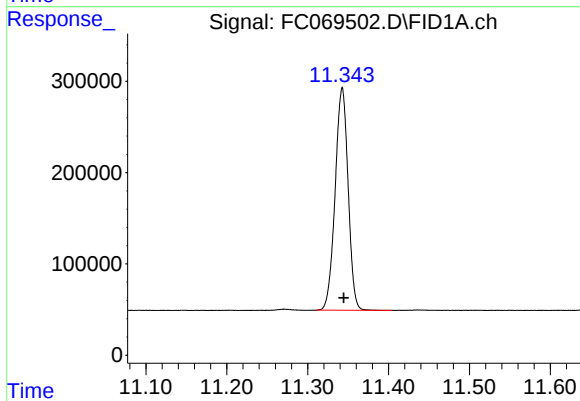
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 2763832
Conc: 19.44 ug/ml



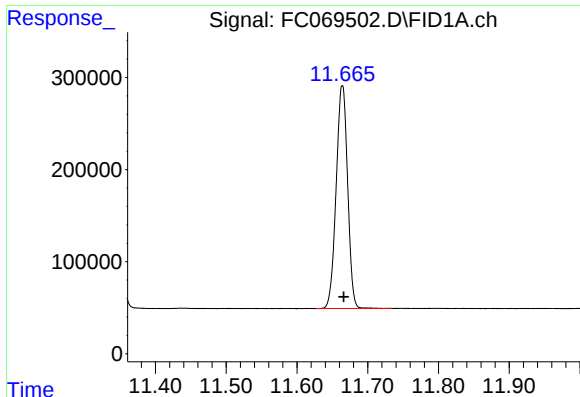
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: 0.000 min
Response: 2804082
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

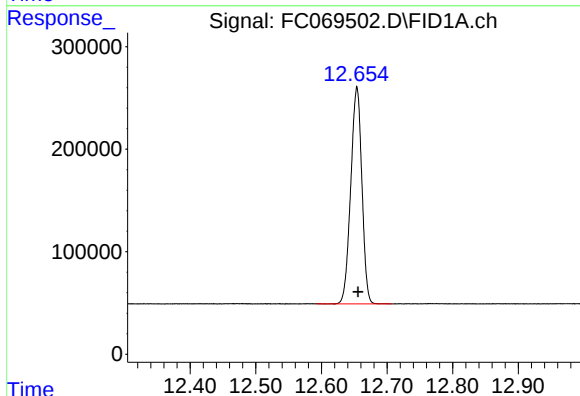
R.T.: 11.343 min
Delta R.T.: -0.002 min
Response: 2717321
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

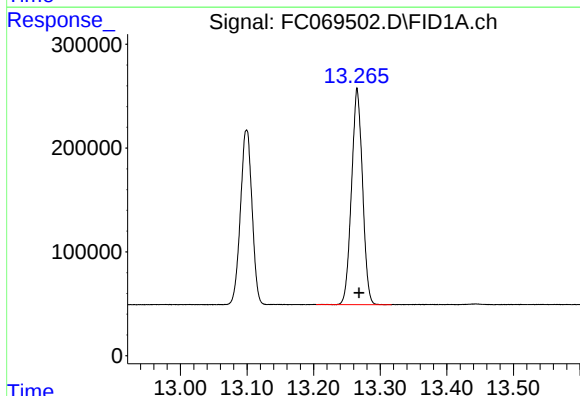
R.T.: 11.664 min
Delta R.T.: -0.002 min
Response: 2722326
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



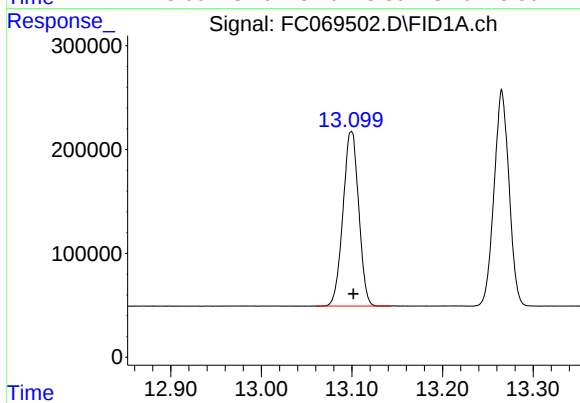
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.002 min
Response: 2490488
Conc: 18.55 ug/ml



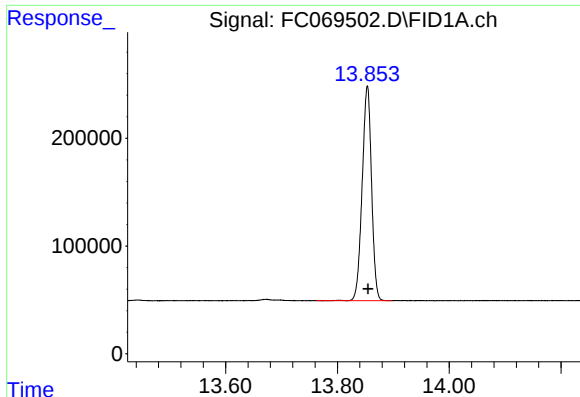
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.003 min
Response: 2386445
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

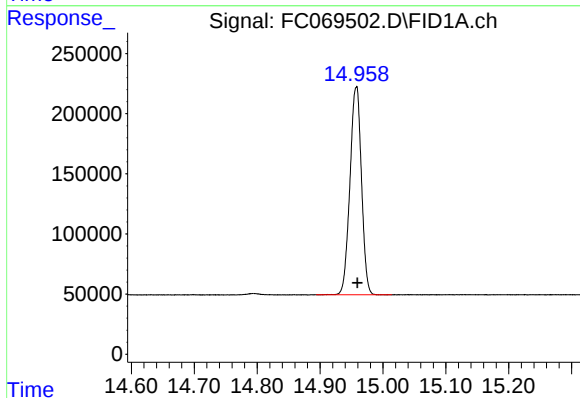
R.T.: 13.099 min
Delta R.T.: -0.002 min
Response: 2025535
Conc: 17.92 ug/ml



#13 n-Docosane (C22)

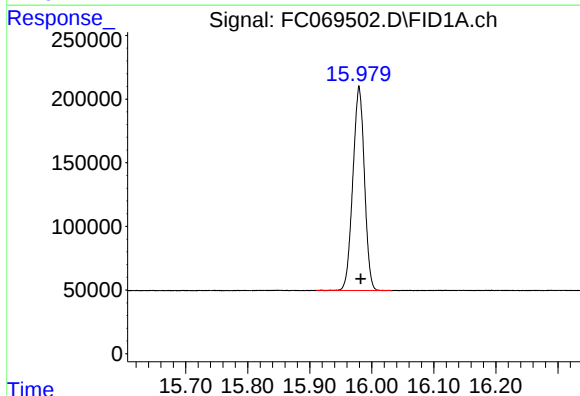
R.T.: 13.853 min
Delta R.T.: -0.001 min
Response: 2318573
Conc: 18.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



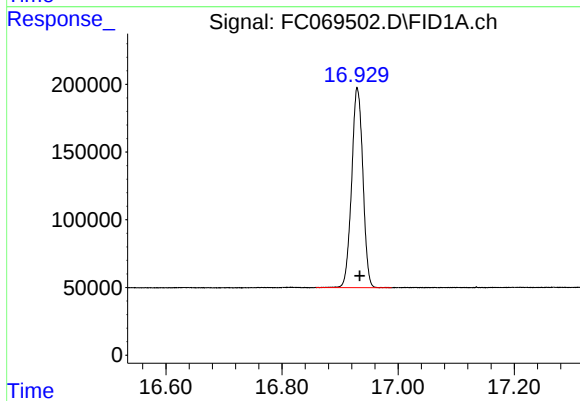
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: -0.002 min
Response: 2203445
Conc: 18.05 ug/ml



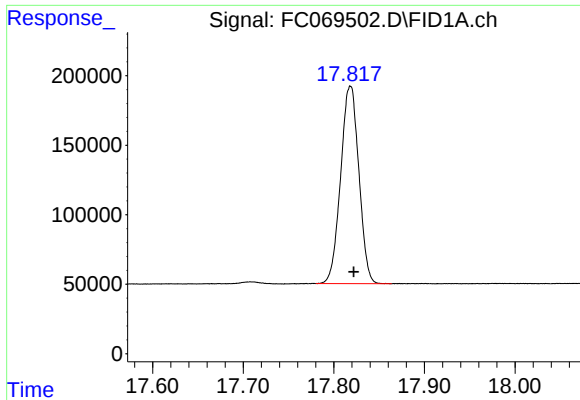
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.003 min
Response: 2077537
Conc: 17.88 ug/ml



#16 n-Octacosane (C28)

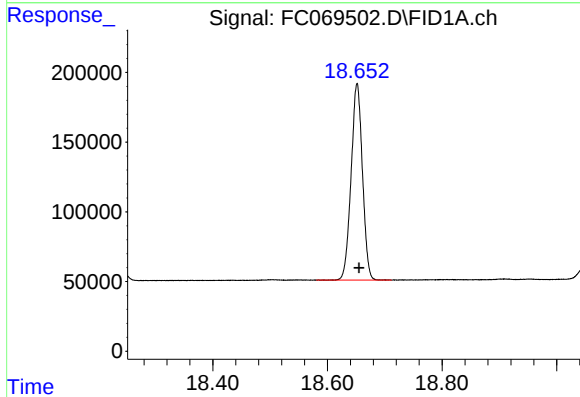
R.T.: 16.930 min
Delta R.T.: -0.004 min
Response: 1979550
Conc: 17.88 ug/ml



#17 n-Tricontane (C30)

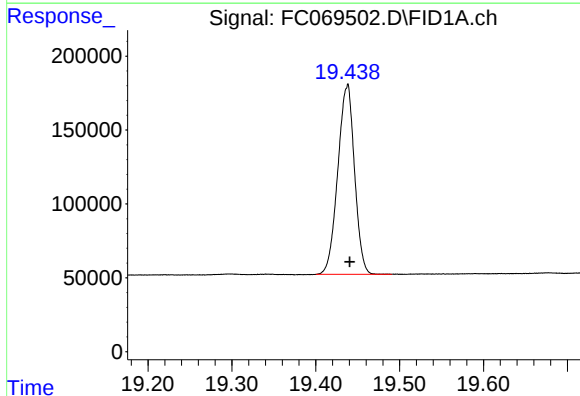
R.T.: 17.818 min
Delta R.T.: -0.004 min
Response: 1985781
Conc: 18.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



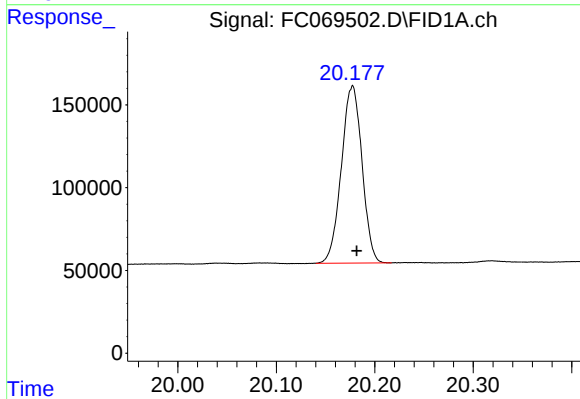
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.004 min
Response: 1933415
Conc: 18.63 ug/ml



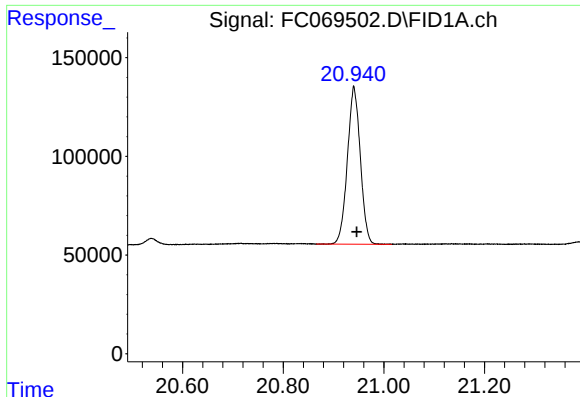
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: -0.003 min
Response: 1778960
Conc: 18.88 ug/ml



#20 n-Hexatriacontane (C36)

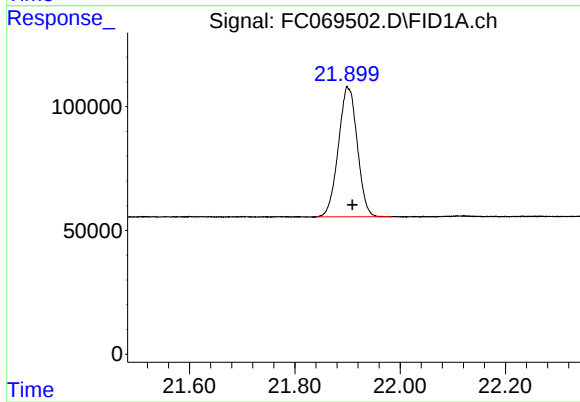
R.T.: 20.177 min
Delta R.T.: -0.005 min
Response: 1559949
Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: -0.005 min
Response: 1420500
Conc: 18.70 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: -0.008 min
Response: 1306658
Conc: 17.84 ug/ml