

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093025AL\
 Data File : FG016712.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2025 22:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 01 01:11:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.055	2588446	18.147 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
12) S 1-chlorooctadecane (S...	13.501	2017781	17.877 ug/ml
Spiked Amount 50.000		Recovery =	35.75%
Target Compounds			
1) T n-Nonane (C9)	3.377	2092691	18.441 ug/ml
2) T n-Decane (C10)	4.638	2154786	18.631 ug/ml
3) T A~Naphthalene (C11.7)	6.357	2271597	18.424 ug/ml
4) T n-Dodecane (C12)	6.819	2191577	18.671 ug/ml
5) T A~2-methylnaphthalene...	7.460	2129624	18.410 ug/ml
6) T n-Tetradecane (C14)	8.659	2189667	18.664 ug/ml
7) T n-Hexadecane (C16)	10.278	2303455	18.591 ug/ml
8) T n-Octadecane (C18)	11.731	2392953	18.382 ug/ml
10) T n-Eicosane (C20)	13.052	2334746	18.060 ug/ml
11) T n-Heneicosane (C21)	13.668	2301123	17.919 ug/ml
13) T n-Docosane (C22)	14.258	2295971	17.806 ug/ml
14) T n-Tetracosane (C24)	15.370	2271918	17.420 ug/ml
15) T n-Hexacosane (C26)	16.398	2204118	17.075 ug/ml
16) T n-Octacosane (C28)	17.354	2150744	16.948 ug/ml
17) T n-Tricontane (C30)	18.248	2244968	17.545 ug/ml
18) T n-Dotriacontane (C32)	19.085	2225940	18.175 ug/ml
19) T n-Tetratriacontane (C34)	19.874	1997794	18.390 ug/ml
20) T n-Hexatriacontane (C36)	20.617	1654166	18.203 ug/ml
21) T n-Octatriacontane (C38)	21.398	1482611	18.205 ug/ml
22) T n-Tetracontane (C40)	22.390	1359816	17.628 ug/ml

(f)=RT Delta > 1/2 Window

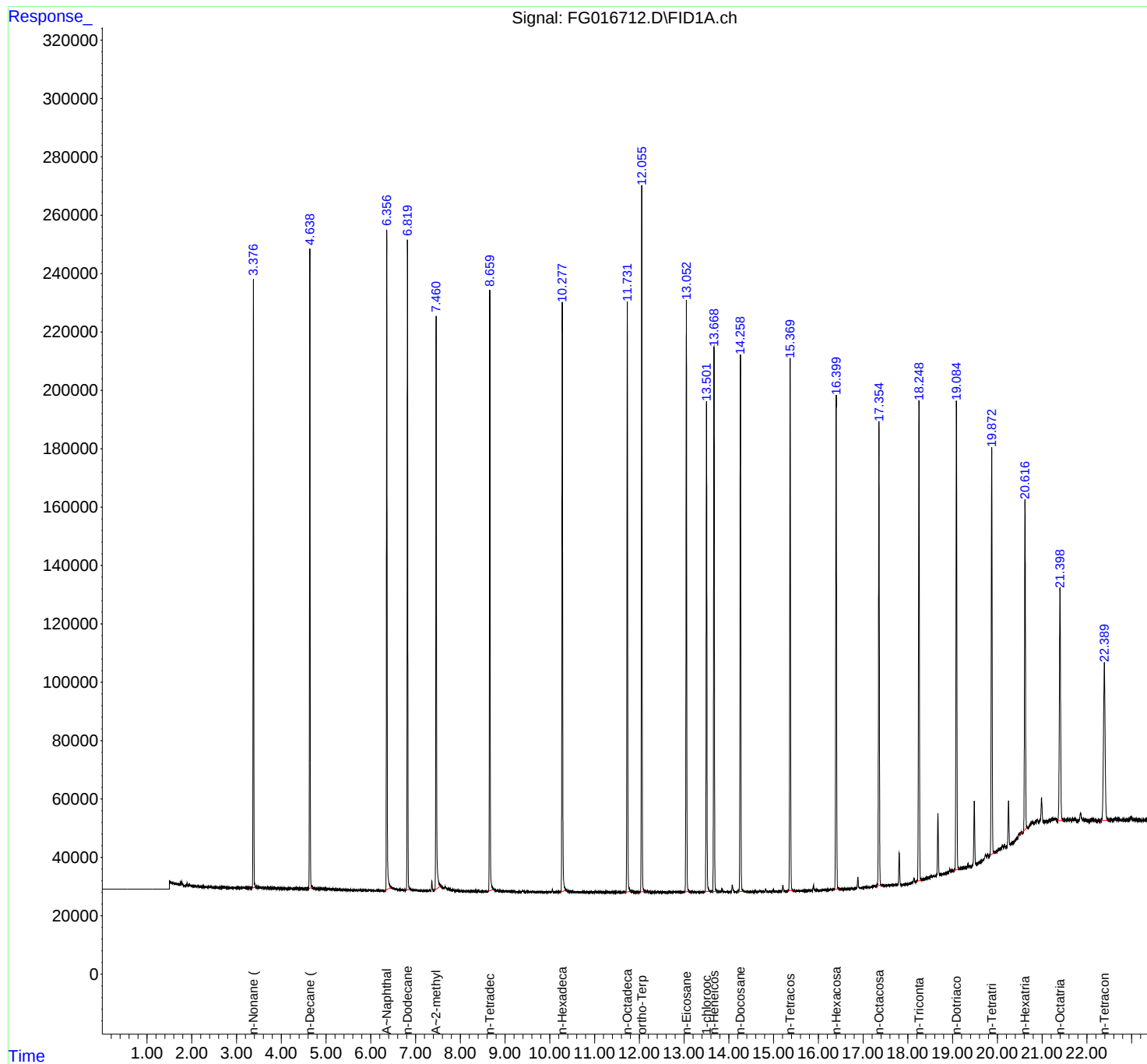
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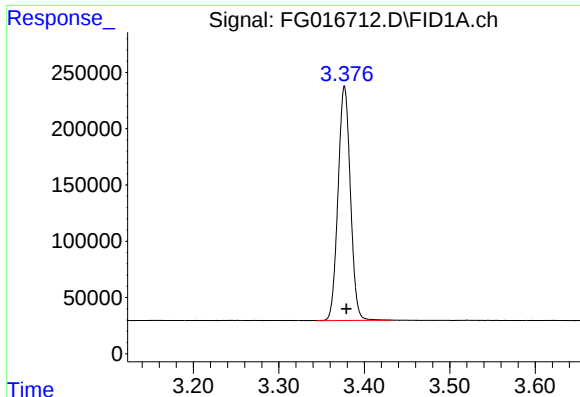
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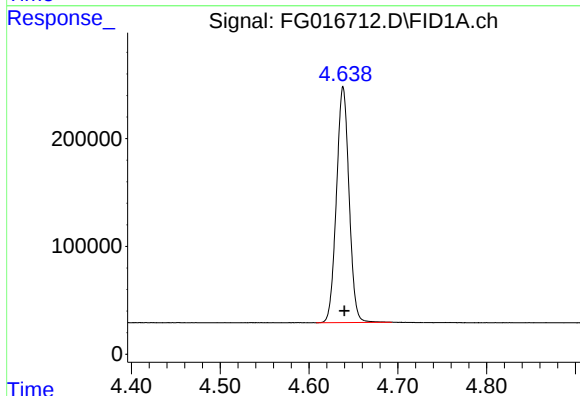




#1 n-Nonane (C9)

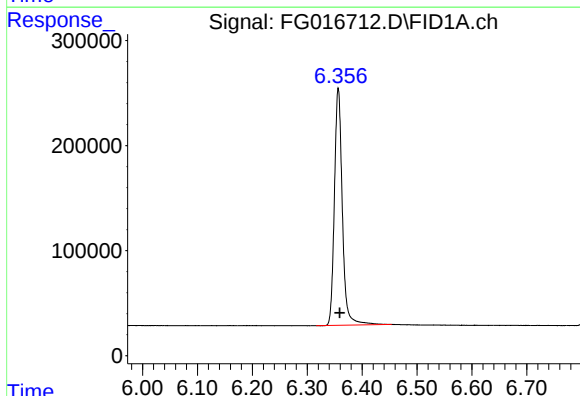
R.T.: 3.377 min
Delta R.T.: -0.002 min
Response: 2092691
Conc: 18.44 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



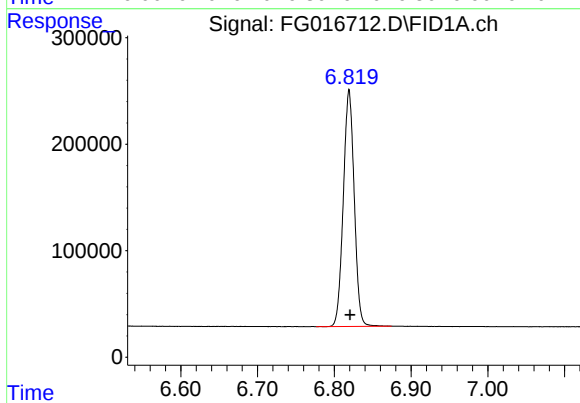
#2 n-Decane (C10)

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 2154786
Conc: 18.63 ug/ml



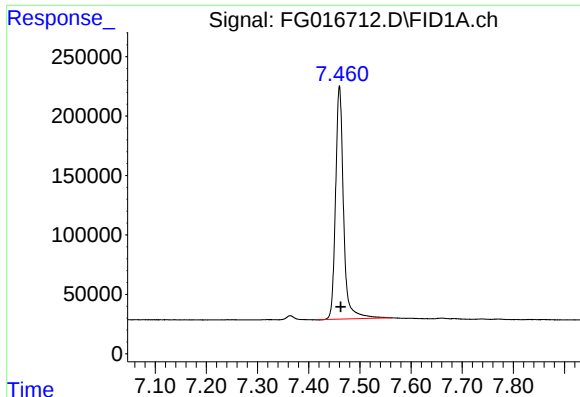
#3 A~Naphthalene (C11.7)

R.T.: 6.357 min
Delta R.T.: -0.002 min
Response: 2271597
Conc: 18.42 ug/ml



#4 n-Dodecane (C12)

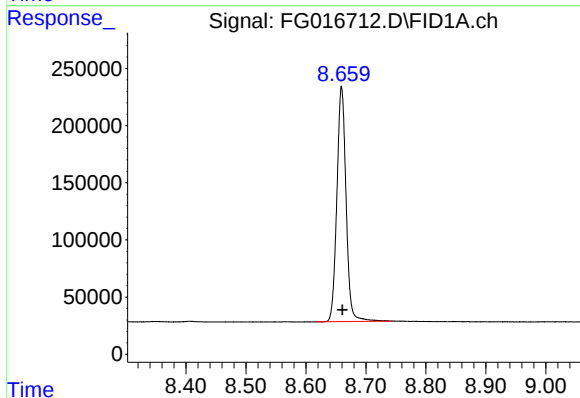
R.T.: 6.819 min
Delta R.T.: -0.001 min
Response: 2191577
Conc: 18.67 ug/ml



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

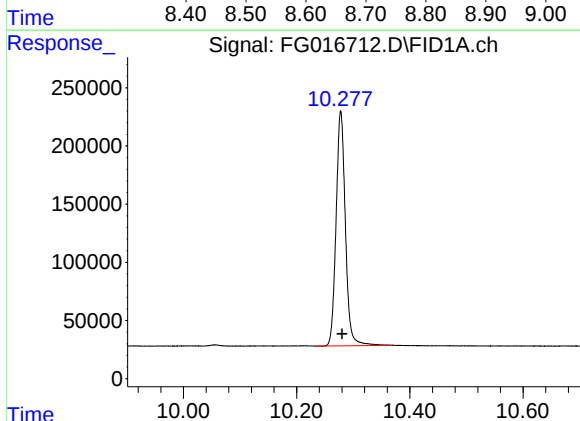
R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 2129624
Conc: 18.41 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



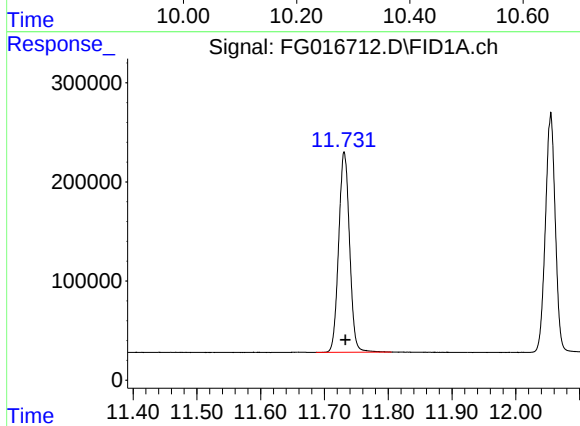
#6 n-Tetradecane (C14)

R.T.: 8.659 min
Delta R.T.: -0.001 min
Response: 2189667
Conc: 18.66 ug/ml



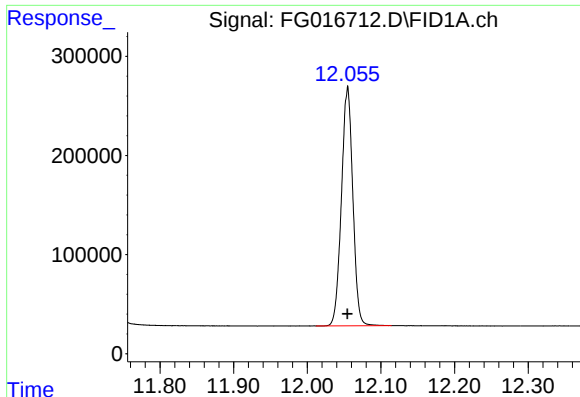
#7 n-Hexadecane (C16)

R.T.: 10.278 min
Delta R.T.: -0.002 min
Response: 2303455
Conc: 18.59 ug/ml



#8 n-Octadecane (C18)

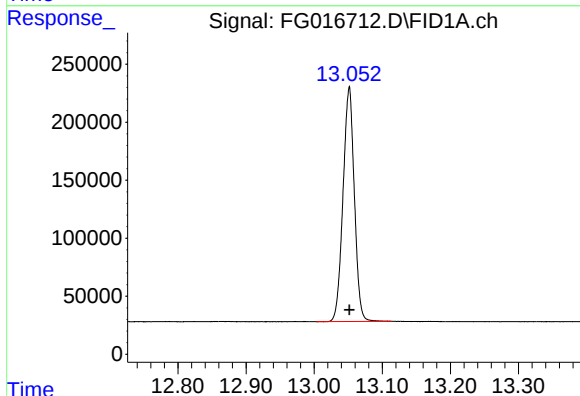
R.T.: 11.731 min
Delta R.T.: -0.002 min
Response: 2392953
Conc: 18.38 ug/ml



#9 ortho-Terphenyl (SURR)

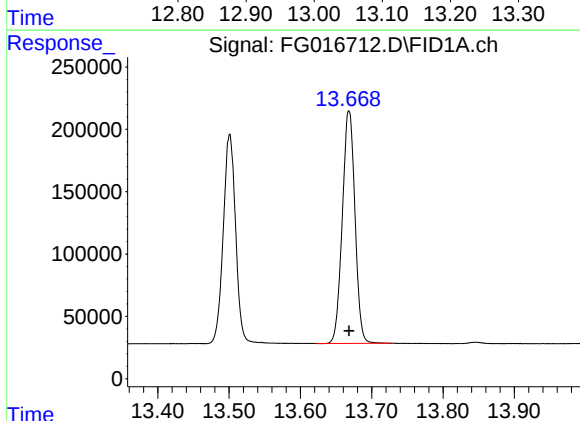
R.T.: 12.055 min
Delta R.T.: 0.000 min
Response: 2588446
Conc: 18.15 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



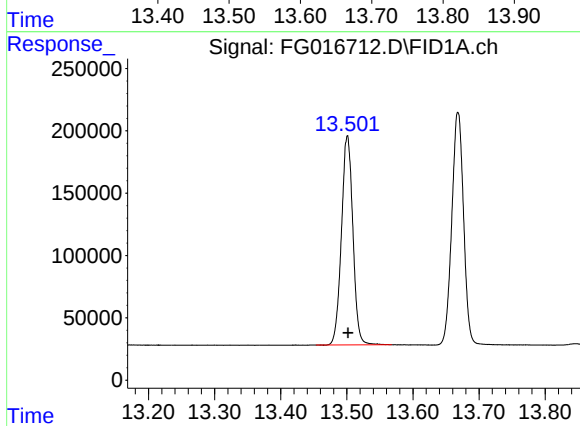
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 2334746
Conc: 18.06 ug/ml



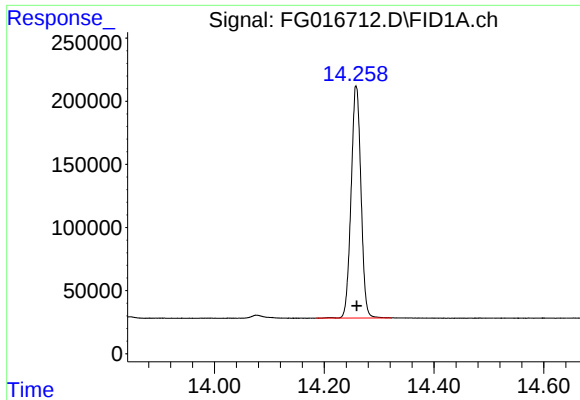
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: 0.000 min
Response: 2301123
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

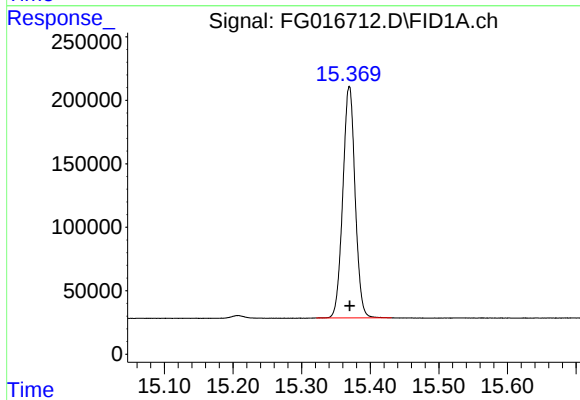
R.T.: 13.501 min
Delta R.T.: -0.001 min
Response: 2017781
Conc: 17.88 ug/ml



#13 n-Docosane (C22)

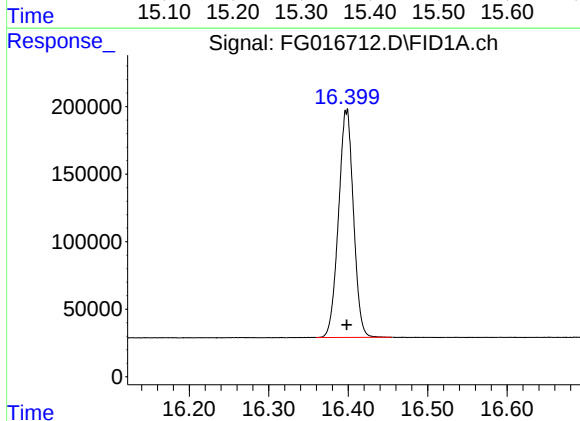
R.T.: 14.258 min
Delta R.T.: 0.000 min
Response: 2295971
Conc: 17.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



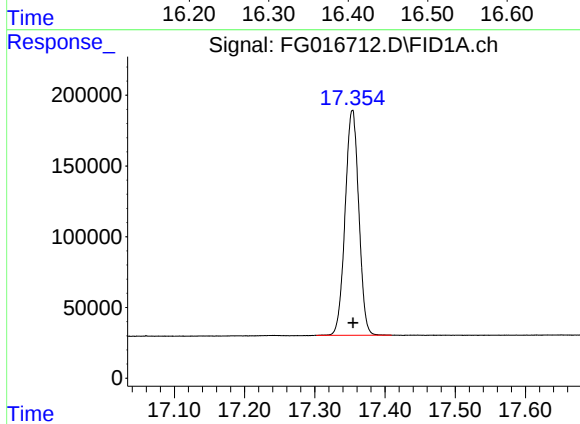
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.000 min
Response: 2271918
Conc: 17.42 ug/ml



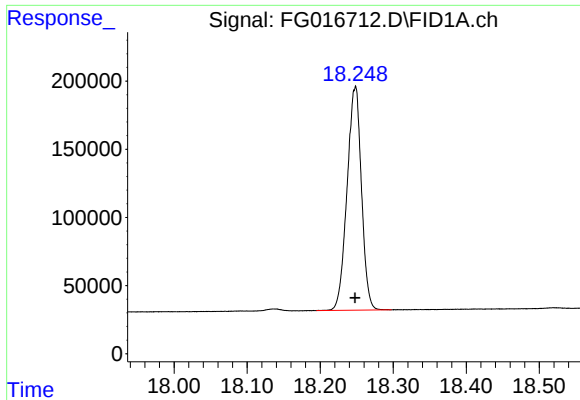
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2204118
Conc: 17.07 ug/ml



#16 n-Octacosane (C28)

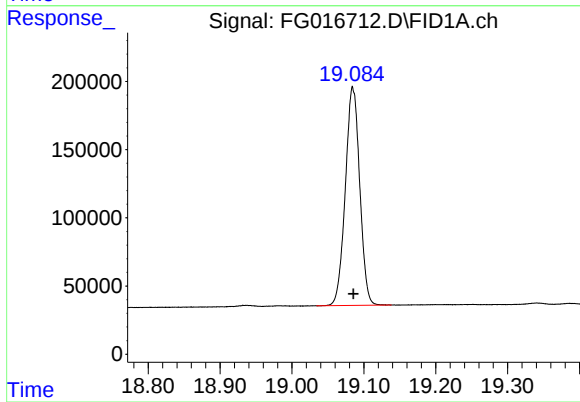
R.T.: 17.354 min
Delta R.T.: -0.001 min
Response: 2150744
Conc: 16.95 ug/ml



#17 n-Tricontane (C30)

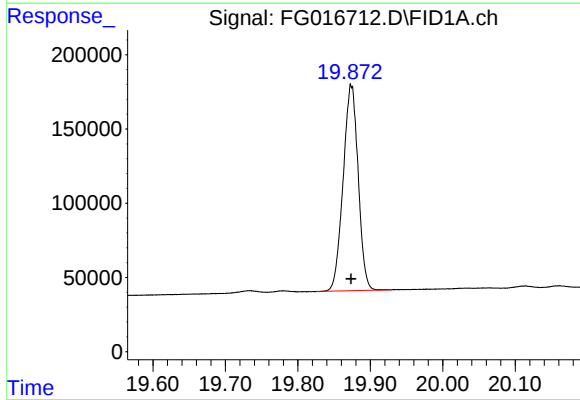
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2244968
Conc: 17.55 ug/ml

Instrument :
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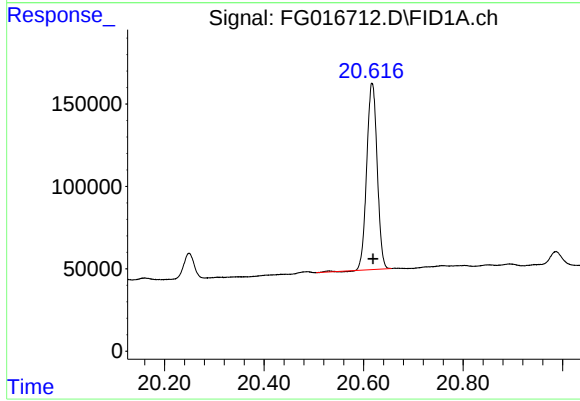
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: -0.001 min
Response: 2225940
Conc: 18.18 ug/ml



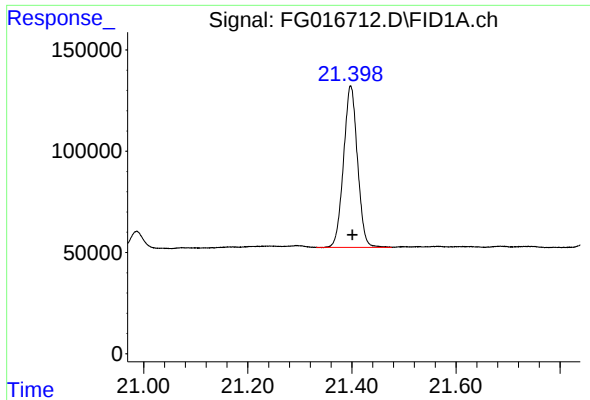
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.000 min
Response: 1997794
Conc: 18.39 ug/ml



#20 n-Hexatriacontane (C36)

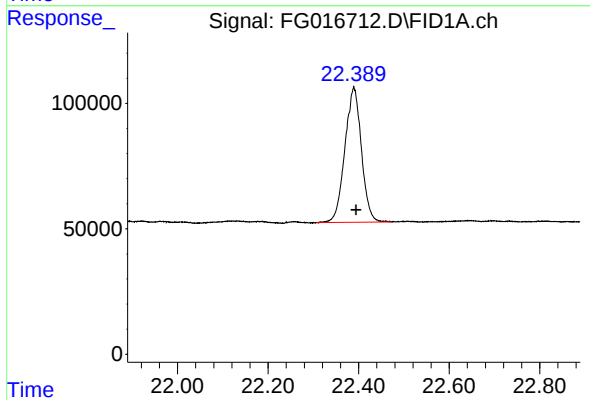
R.T.: 20.617 min
Delta R.T.: -0.002 min
Response: 1654166
Conc: 18.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: -0.003 min
Response: 1482611
Conc: 18.20 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: -0.005 min
Response: 1359816
Conc: 17.63 ug/ml