

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AL\
 Data File : FG016512.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 08:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 03 11:28:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.070	3093063	23.364 ug/ml
Spiked Amount 50.000		Recovery =	46.73%
12) S 1-chlorooctadecane (S...	13.515	2341421	23.261 ug/ml
Spiked Amount 50.000		Recovery =	46.52%
Target Compounds			
1) T n-Nonane (C9)	3.389	2597268	22.958 ug/ml
2) T n-Decane (C10)	4.650	2684050	23.317 ug/ml
3) T A~Naphthalene (C11.7)	6.370	2890389	23.276 ug/ml
4) T n-Dodecane (C12)	6.832	2709825	23.359 ug/ml
5) T A~2-methylnaphthalene...	7.473	2780830	23.313 ug/ml
6) T n-Tetradecane (C14)	8.672	2685717	23.277 ug/ml
7) T n-Hexadecane (C16)	10.291	2764728	23.162 ug/ml
8) T n-Octadecane (C18)	11.746	2809865	23.255 ug/ml
10) T n-Eicosane (C20)	13.065	2722652	23.339 ug/ml
11) T n-Heneicosane (C21)	13.682	2688166	23.387 ug/ml
13) T n-Docosane (C22)	14.272	2686414	23.512 ug/ml
14) T n-Tetracosane (C24)	15.384	2685565	23.610 ug/ml
15) T n-Hexacosane (C26)	16.412	2641026	23.785 ug/ml
16) T n-Octacosane (C28)	17.368	2573551	23.806 ug/ml
17) T n-Tricontane (C30)	18.261	2594596	23.756 ug/ml
18) T n-Dotriacontane (C32)	19.099	2486227	23.647 ug/ml
19) T n-Tetratriacontane (C34)	19.886	2250586	23.436 ug/ml
20) T n-Hexatriacontane (C36)	20.630	1951638	23.338 ug/ml
21) T n-Octatriacontane (C38)	21.414	1745862	22.674 ug/ml
22) T n-Tetracontane (C40)	22.410	1661671	22.366 ug/ml

(f)=RT Delta > 1/2 Window

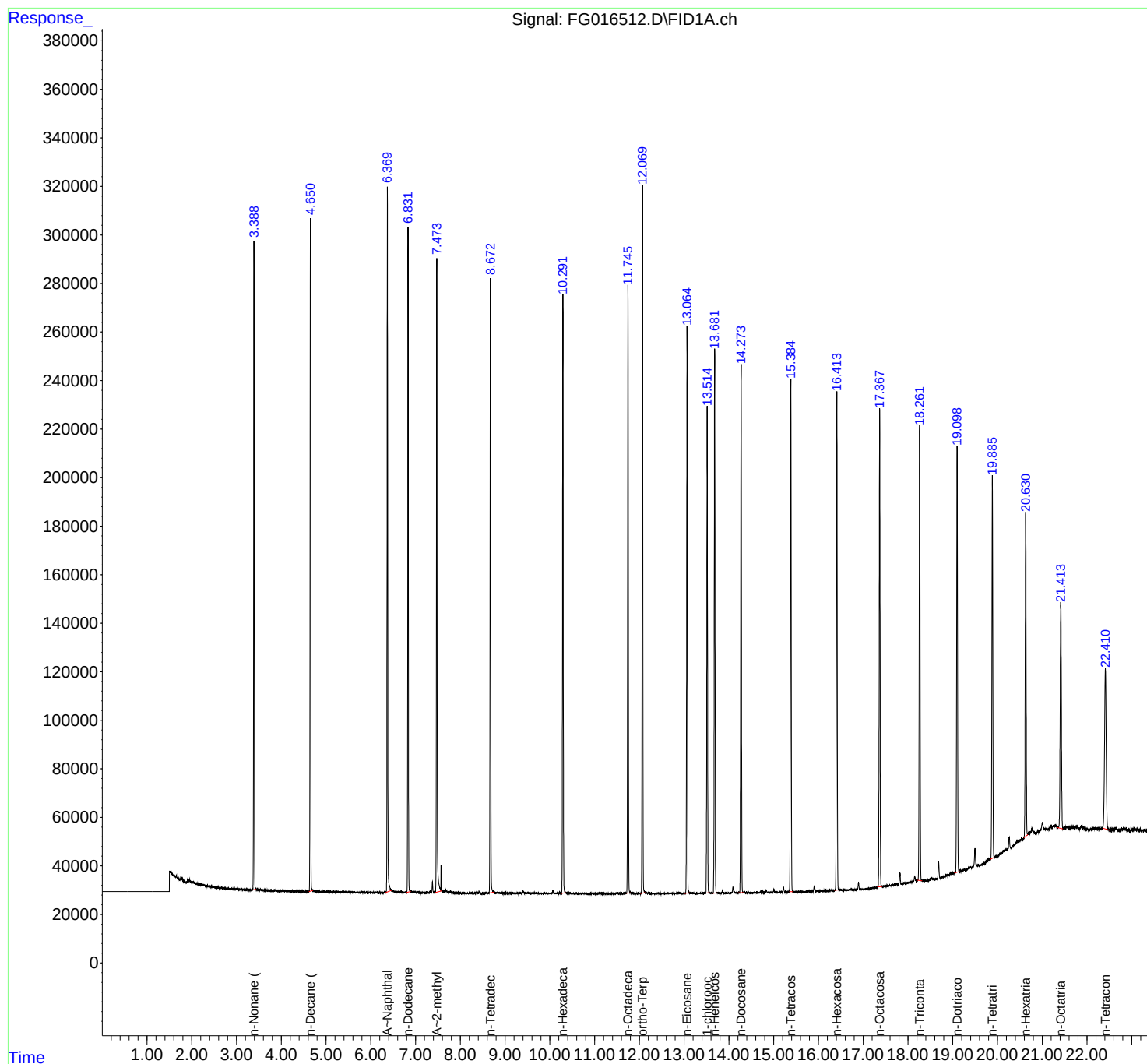
(m)=manual int.

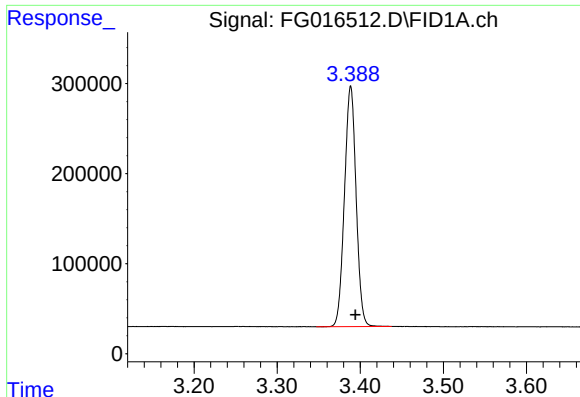
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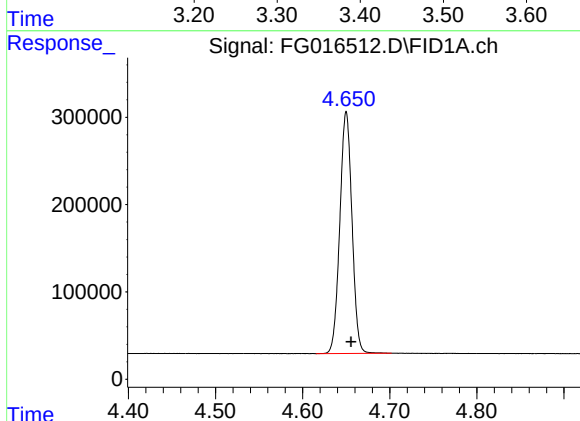




#1 n-Nonane (C9)

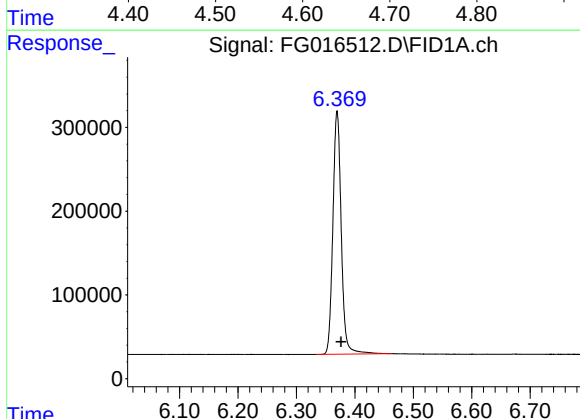
R.T.: 3.389 min
Delta R.T.: -0.005 min
Response: 2597268
Conc: 22.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



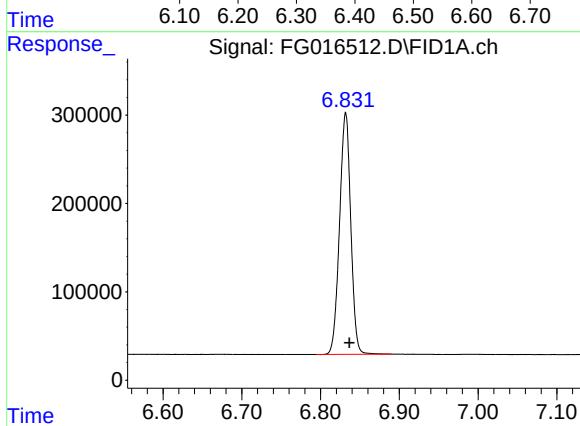
#2 n-Decane (C10)

R.T.: 4.650 min
Delta R.T.: -0.006 min
Response: 2684050
Conc: 23.32 ug/ml



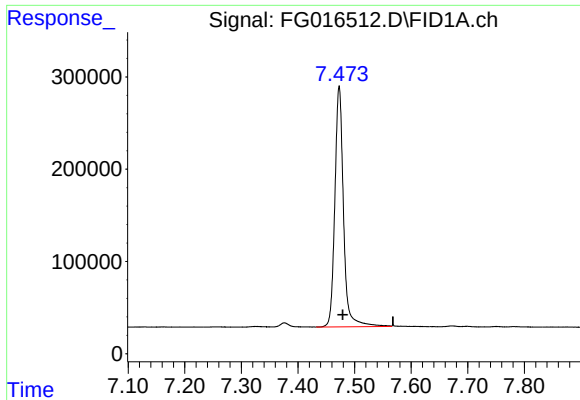
#3 A~Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: -0.007 min
Response: 2890389
Conc: 23.28 ug/ml



#4 n-Dodecane (C12)

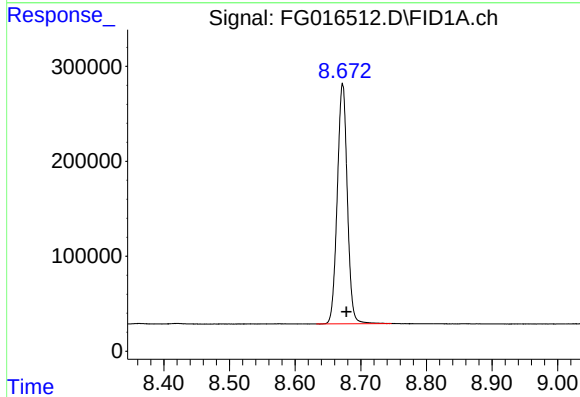
R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 2709825
Conc: 23.36 ug/ml



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

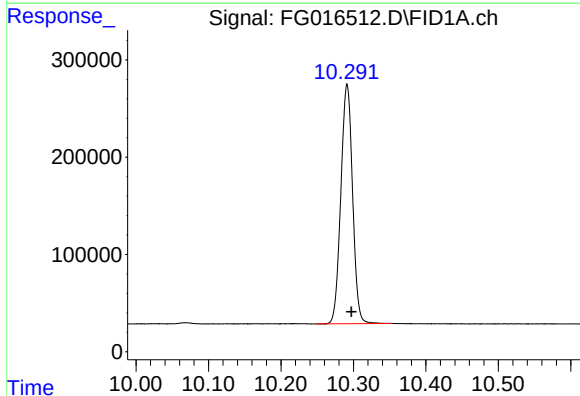
R.T.: 7.473 min
Delta R.T.: -0.006 min
Response: 2780830
Conc: 23.31 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



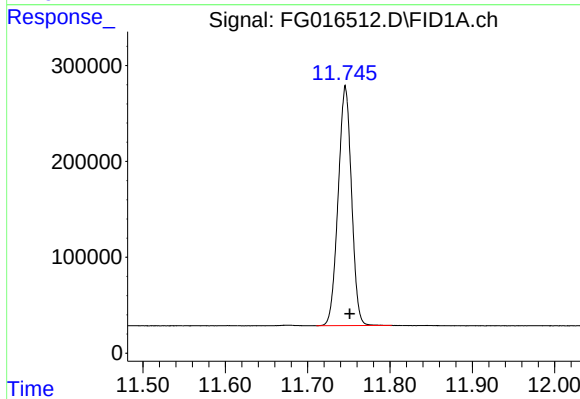
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.006 min
Response: 2685717
Conc: 23.28 ug/ml



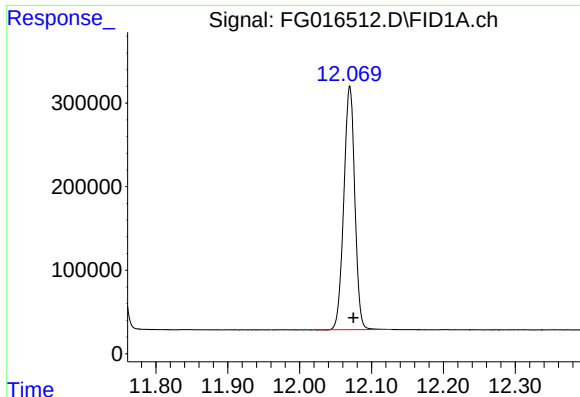
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: -0.006 min
Response: 2764728
Conc: 23.16 ug/ml



#8 n-Octadecane (C18)

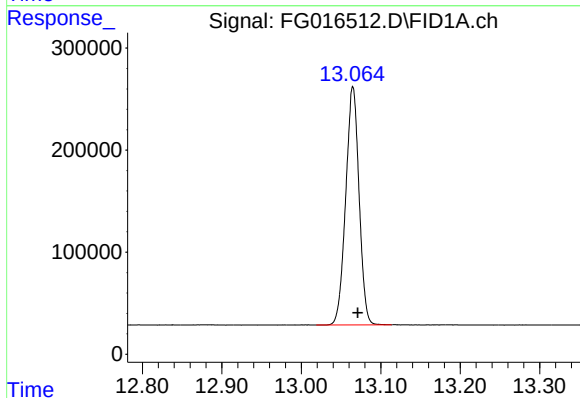
R.T.: 11.746 min
Delta R.T.: -0.005 min
Response: 2809865
Conc: 23.26 ug/ml



#9 ortho-Terphenyl (SURR)

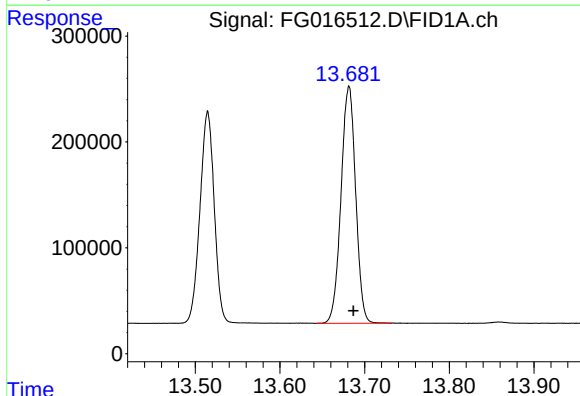
R.T.: 12.070 min
Delta R.T.: -0.005 min
Response: 3093063
Conc: 23.36 ug/ml

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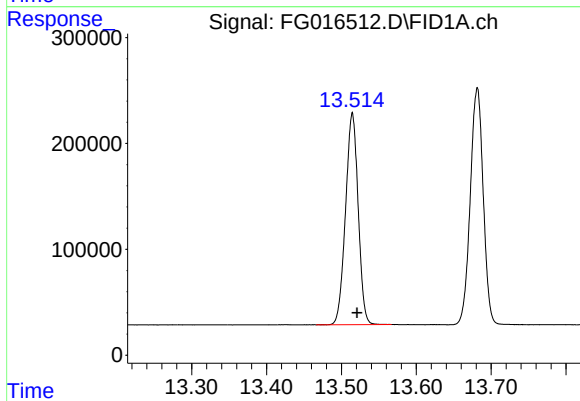
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.006 min
Response: 2722652
Conc: 23.34 ug/ml



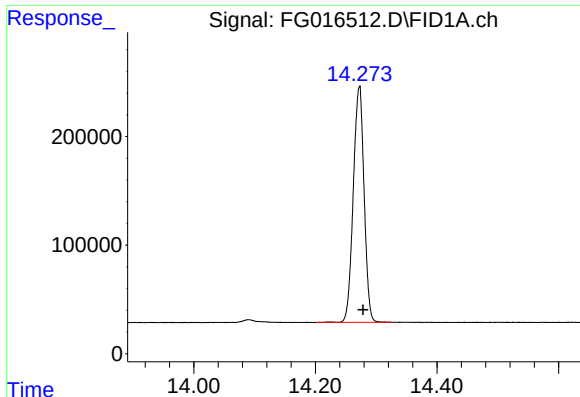
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.005 min
Response: 2688166
Conc: 23.39 ug/ml



#12 1-chlorooctadecane (SURR)

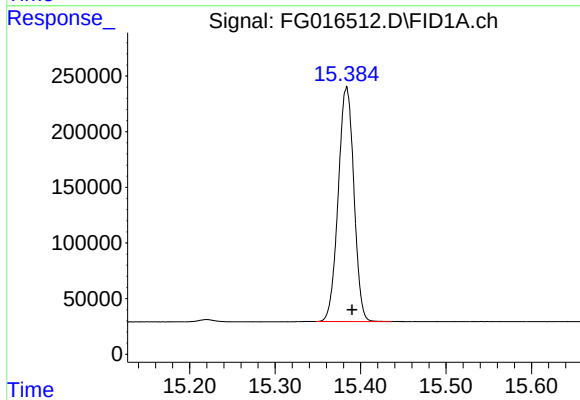
R.T.: 13.515 min
Delta R.T.: -0.006 min
Response: 2341421
Conc: 23.26 ug/ml



#13 n-Docosane (C22)

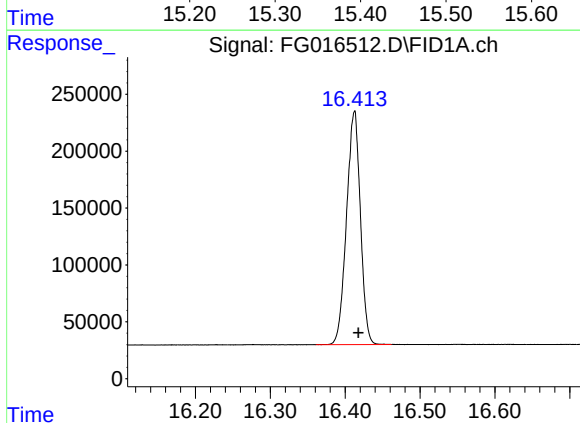
R.T.: 14.272 min
Delta R.T.: -0.006 min
Response: 2686414
Conc: 23.51 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



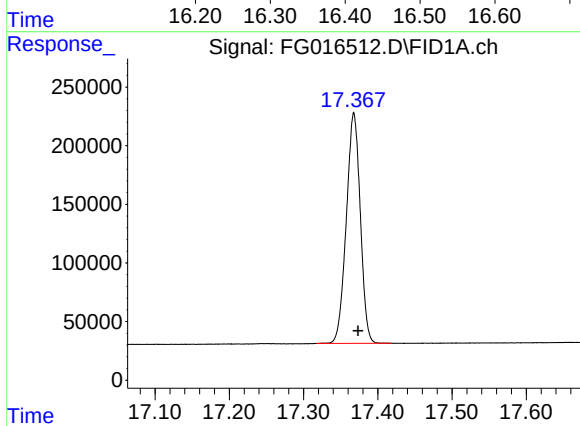
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: -0.006 min
Response: 2685565
Conc: 23.61 ug/ml



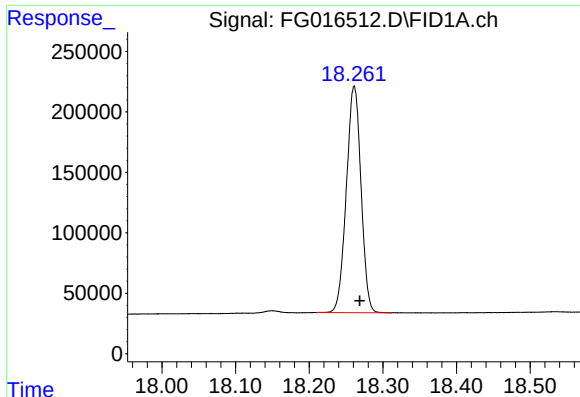
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: -0.006 min
Response: 2641026
Conc: 23.78 ug/ml



#16 n-Octacosane (C28)

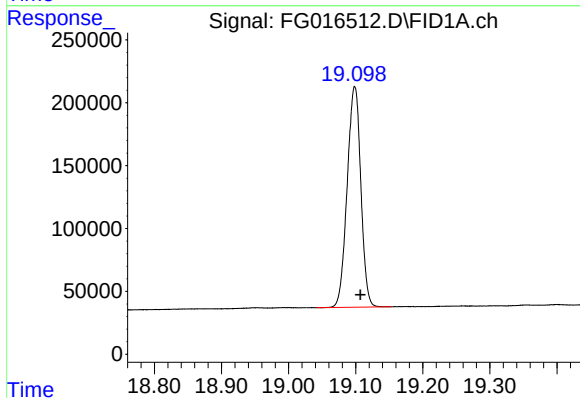
R.T.: 17.368 min
Delta R.T.: -0.006 min
Response: 2573551
Conc: 23.81 ug/ml



#17 n-Tricontane (C30)

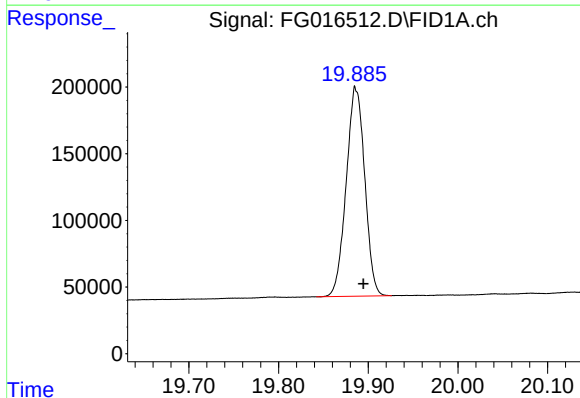
R.T.: 18.261 min
Delta R.T.: -0.008 min
Response: 2594596
Conc: 23.76 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



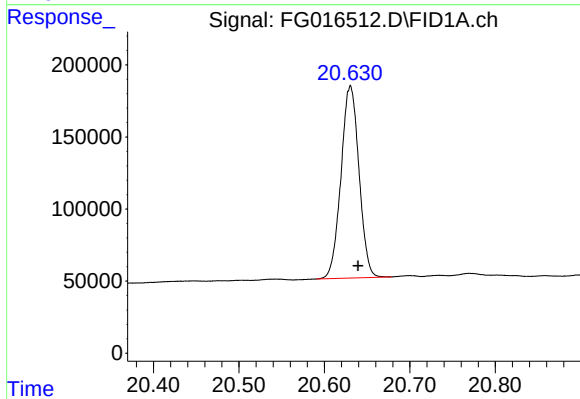
#18 n-Dotriacontane (C32)

R.T.: 19.099 min
Delta R.T.: -0.008 min
Response: 2486227
Conc: 23.65 ug/ml



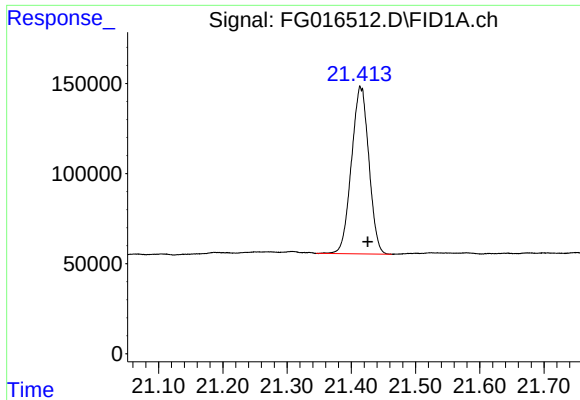
#19 n-Tetratriacontane (C34)

R.T.: 19.886 min
Delta R.T.: -0.009 min
Response: 2250586
Conc: 23.44 ug/ml



#20 n-Hexatriacontane (C36)

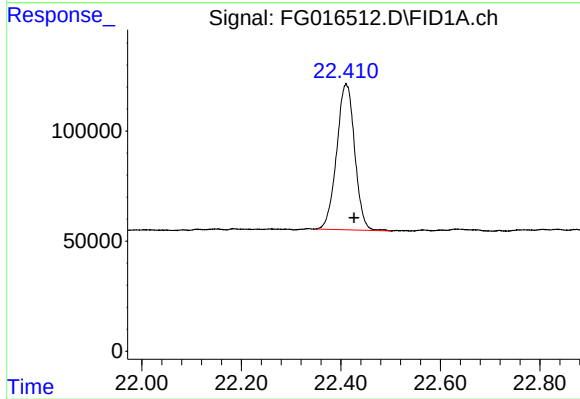
R.T.: 20.630 min
Delta R.T.: -0.009 min
Response: 1951638
Conc: 23.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.414 min
Delta R.T.: -0.011 min
Response: 1745862
Conc: 22.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.410 min
Delta R.T.: -0.016 min
Response: 1661671
Conc: 22.37 ug/ml