

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102022AL\
 Data File : FE038234.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2022 12:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 21 04:11:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.598	3215981	18.593 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
12) S 1-chlorooctadecane (S...	13.019	2494469	18.455 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	2.989	2971553	20.176 ug/ml
2) T n-Decane (C10)	4.247	3107678	21.019 ug/ml
3) T A~Naphthalene (C11.7)	5.970	2878183	21.018 ug/ml
4) T n-Dodecane (C12)	6.421	3189781	20.933 ug/ml
5) T A~2-methylnaphthalene...	7.064	2729242	20.535 ug/ml
6) T n-Tetradecane (C14)	8.239	3175289	20.747 ug/ml
7) T n-Hexadecane (C16)	9.839	3166670	20.273 ug/ml
8) T n-Octadecane (C18)	11.274	3148664	19.630 ug/ml
10) T n-Eicosane (C20)	12.576	3079011	18.881 ug/ml
11) T n-Heneicosane (C21)	13.184	3033963	18.414 ug/ml
13) T n-Docosane (C22)	13.768	2990785	18.169 ug/ml
14) T n-Tetracosane (C24)	14.863	2886483	17.600 ug/ml
15) T n-Hexacosane (C26)	15.881	2804388	17.198 ug/ml
16) T n-Octacosane (C28)	16.826	2764961	17.259 ug/ml
17) T n-Tricontane (C30)	17.708	2872449	17.950 ug/ml
18) T n-Dotriacontane (C32)	18.538	2915769	18.516 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2748504	18.551 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2870174	19.909 ug/ml
21) T n-Octatriacontane (C38)	20.752	2935294	21.631 ug/ml
22) T n-Tetracontane (C40)	21.520	3066674	24.091 ug/ml

(f)=RT Delta > 1/2 Window

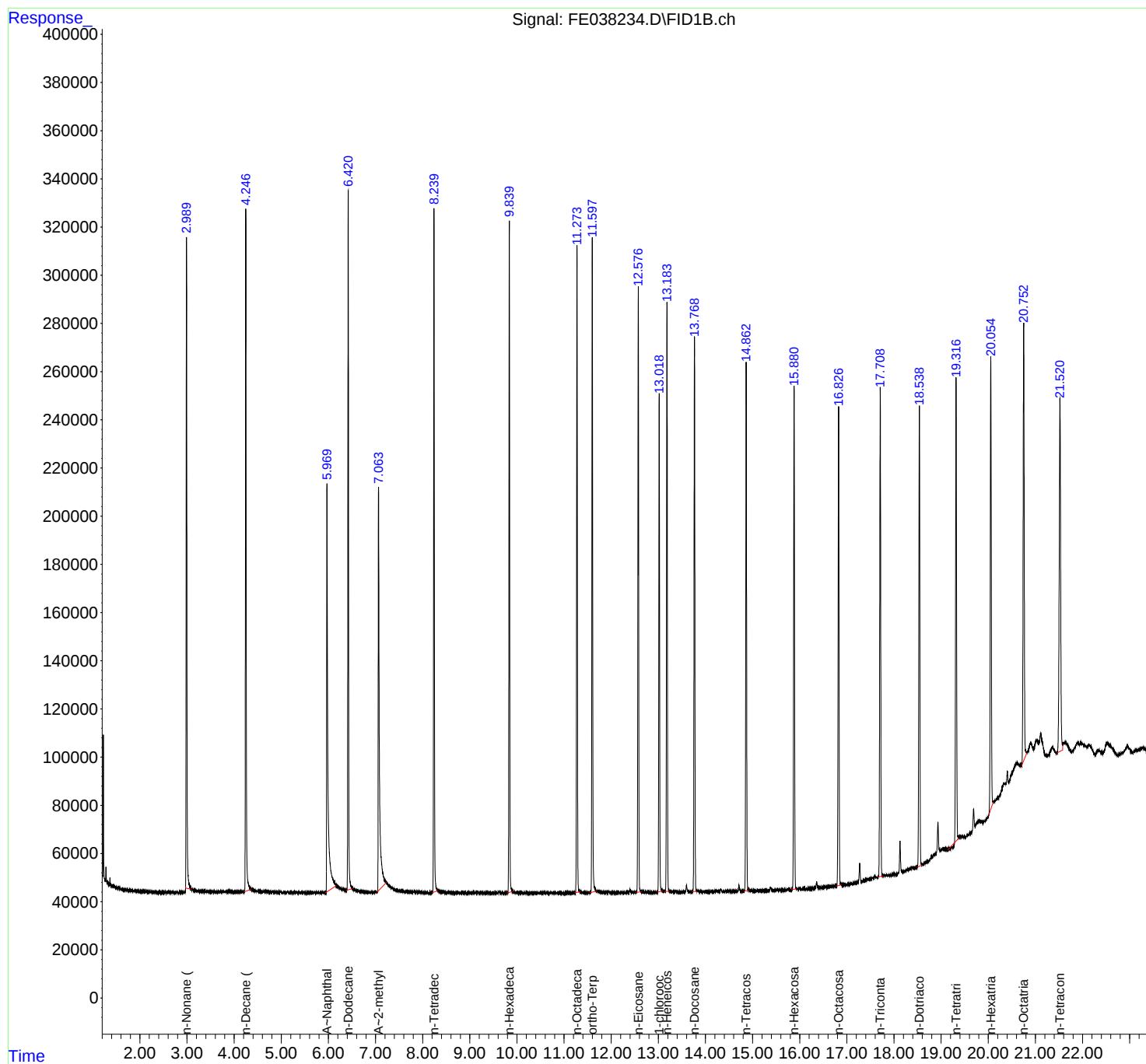
(m)=manual int.

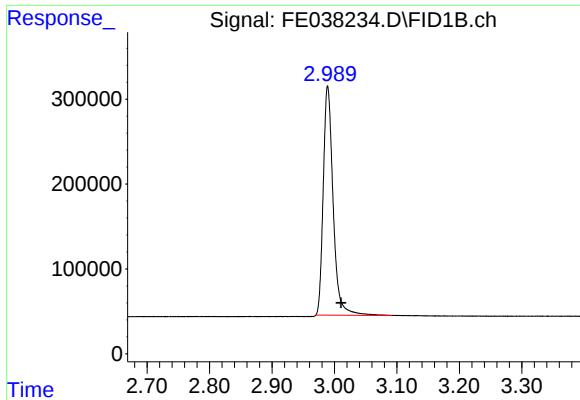
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102022AL\
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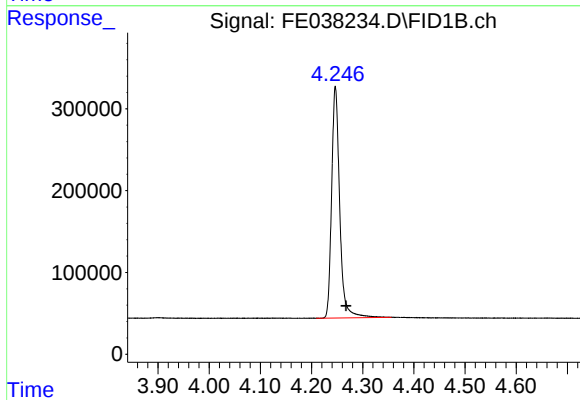




#1 n-Nonane (C9)

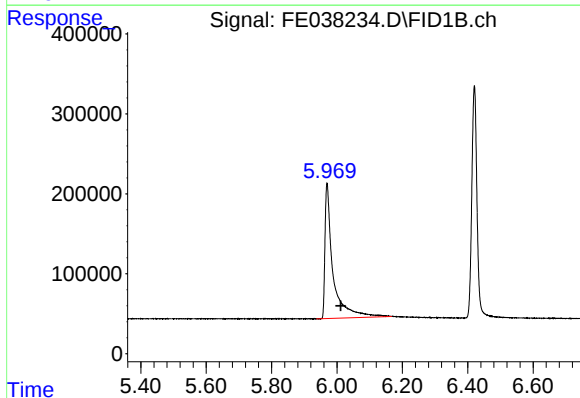
R.T.: 2.989 min
Delta R.T.: -0.022 min
Response: 2971553
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



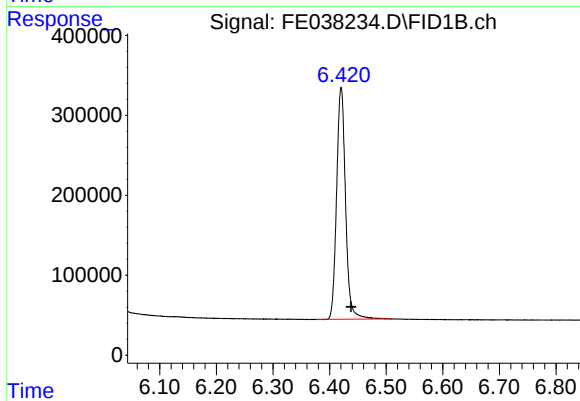
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.021 min
Response: 3107678
Conc: 21.02 ug/ml



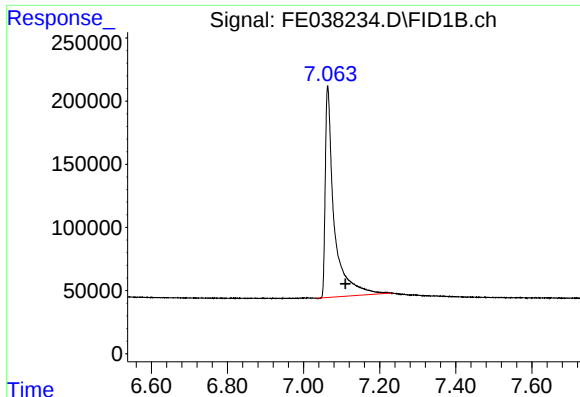
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.041 min
Response: 2878183
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

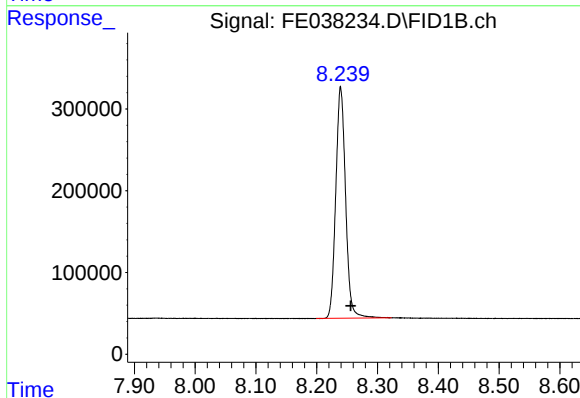
R.T.: 6.421 min
Delta R.T.: -0.018 min
Response: 3189781
Conc: 20.93 ug/ml



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

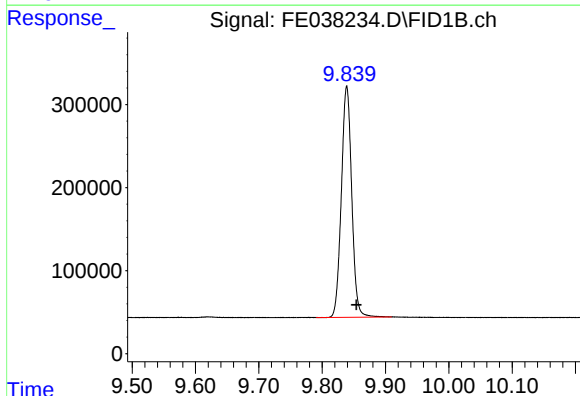
R.T.: 7.064 min
Delta R.T.: -0.046 min
Response: 2729242
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



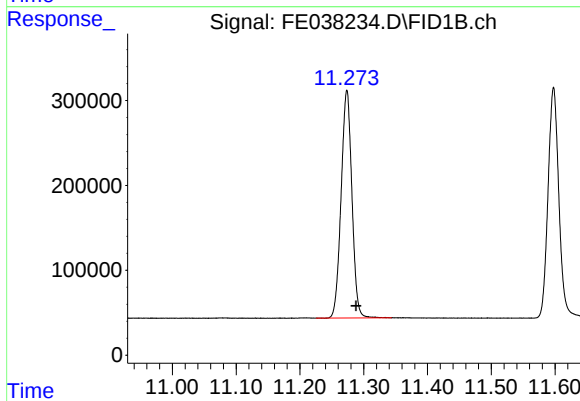
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.017 min
Response: 3175289
Conc: 20.75 ug/ml



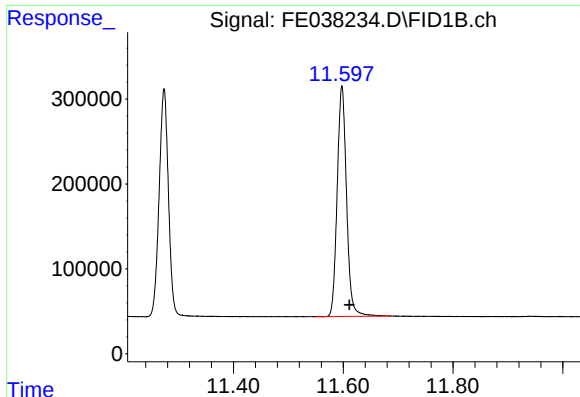
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: -0.015 min
Response: 3166670
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

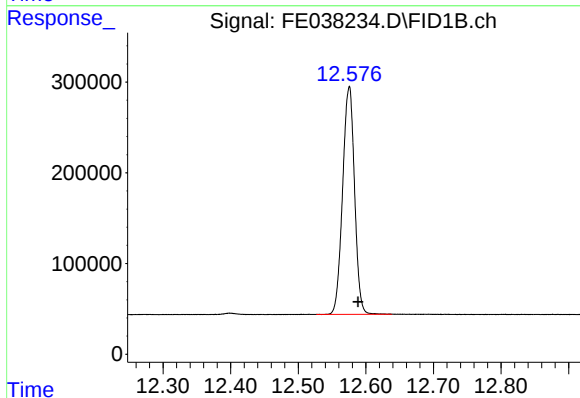
R.T.: 11.274 min
Delta R.T.: -0.014 min
Response: 3148664
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

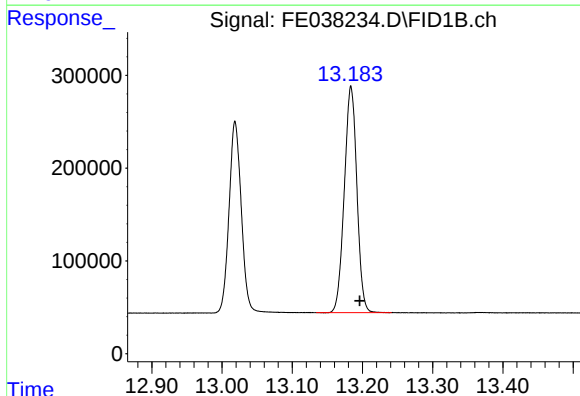
R.T.: 11.598 min
Delta R.T.: -0.014 min
Response: 3215981
Conc: 18.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



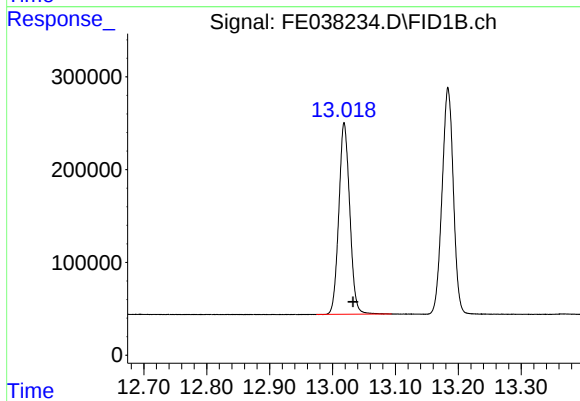
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.013 min
Response: 3079011
Conc: 18.88 ug/ml



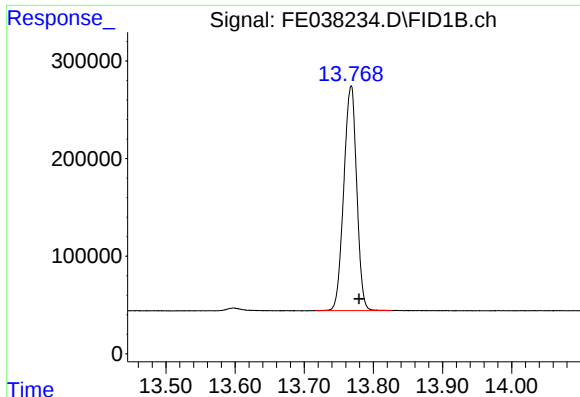
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.013 min
Response: 3033963
Conc: 18.41 ug/ml



#12 1-chlorooctadecane (SURR)

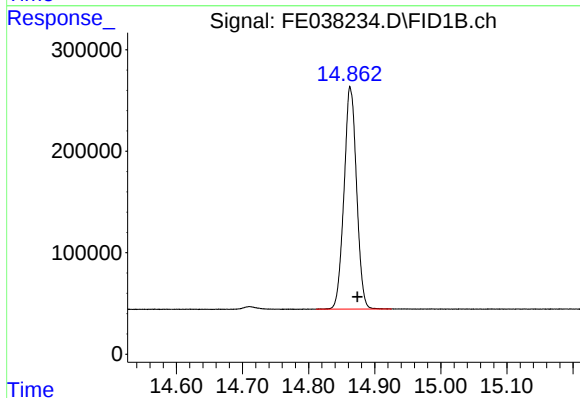
R.T.: 13.019 min
Delta R.T.: -0.014 min
Response: 2494469
Conc: 18.46 ug/ml



#13 n-Docosane (C22)

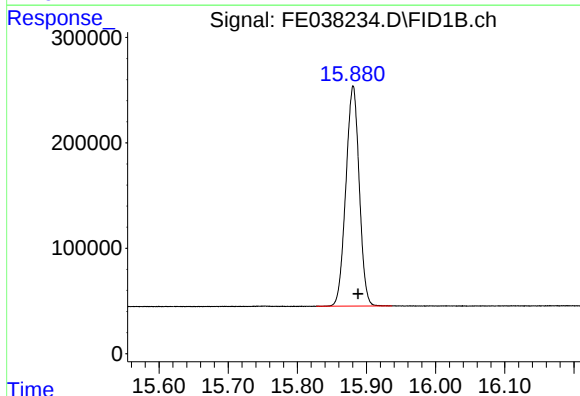
R.T.: 13.768 min
Delta R.T.: -0.011 min
Response: 2990785
Conc: 18.17 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



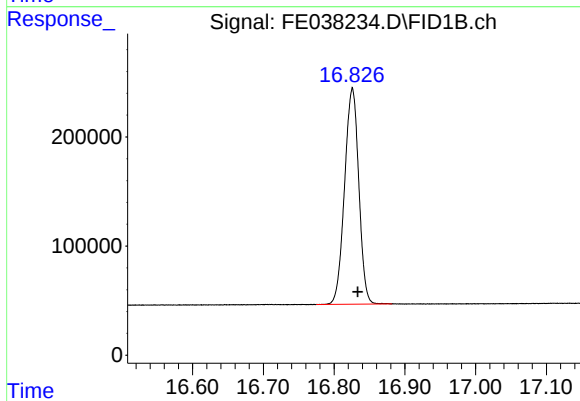
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.011 min
Response: 2886483
Conc: 17.60 ug/ml



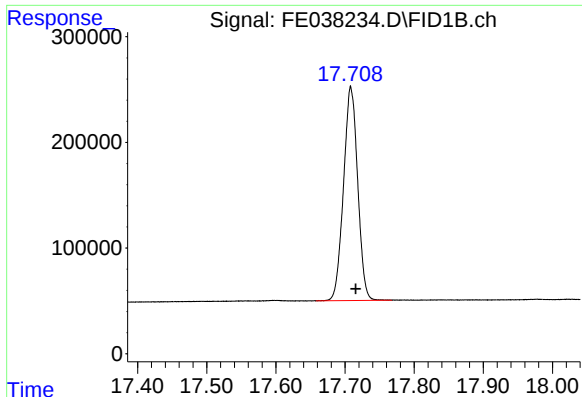
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.007 min
Response: 2804388
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

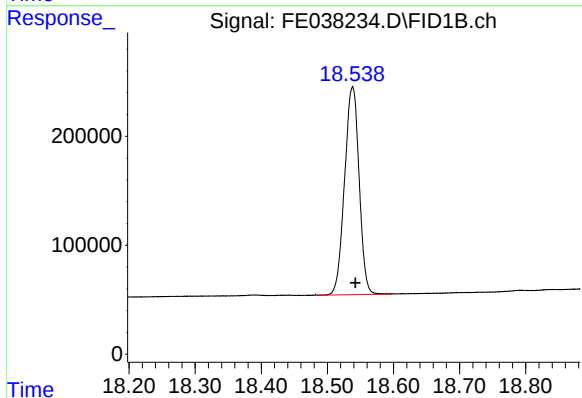
R.T.: 16.826 min
Delta R.T.: -0.008 min
Response: 2764961
Conc: 17.26 ug/ml



#17 n-Tricontane (C30)

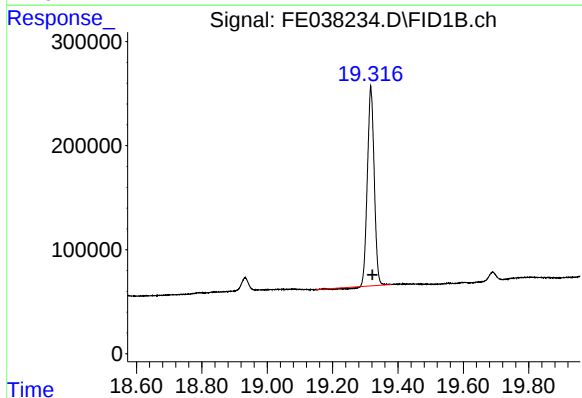
R.T.: 17.708 min
Delta R.T.: -0.007 min
Response: 2872449
Conc: 17.95 ug/ml

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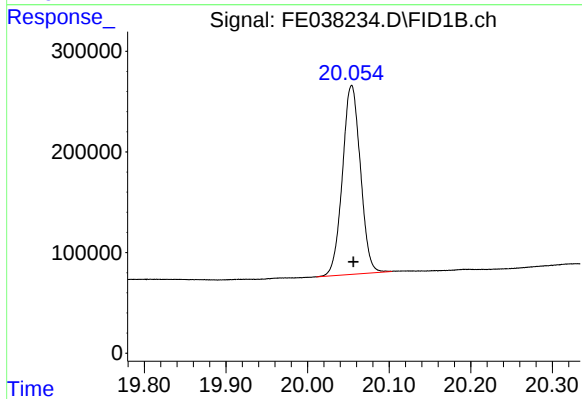
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.004 min
Response: 2915769
Conc: 18.52 ug/ml



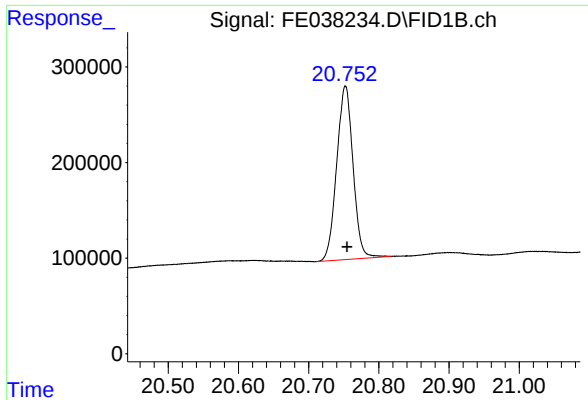
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.005 min
Response: 2748504
Conc: 18.55 ug/ml



#20 n-Hexatriacontane (C36)

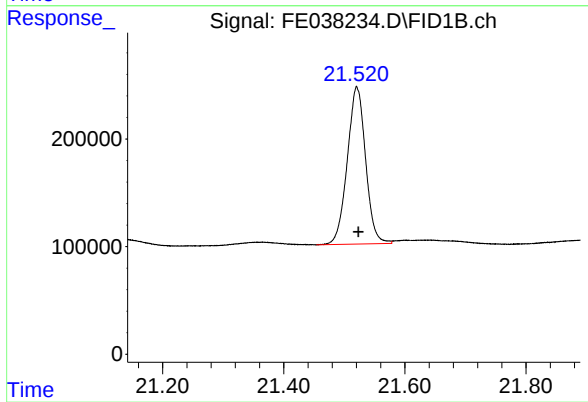
R.T.: 20.054 min
Delta R.T.: -0.002 min
Response: 2870174
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: -0.002 min
Response: 2935294
Conc: 21.63 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.520 min
Delta R.T.: -0.003 min
Response: 3066674
Conc: 24.09 ug/ml