

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120624AL\
 Data File : FE051562.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2024 09:54
 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: Dec 07 04:06:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.827	3030274	20.053 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.260	2303751	20.615 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
Target Compounds			
1) T n-Nonane (C9)	3.218	2789724	19.905 ug/ml
2) T n-Decane (C10)	4.465	2841614	20.038 ug/ml
3) T A~Naphthalene (C11.7)	6.179	2676514	20.247 ug/ml
4) T n-Dodecane (C12)	6.633	2868826	20.154 ug/ml
5) T A~2-methylnaphthalene...	7.276	2457486	20.485 ug/ml
6) T n-Tetradecane (C14)	8.459	2819490	20.226 ug/ml
7) T n-Hexadecane (C16)	10.064	2888979	20.333 ug/ml
8) T n-Octadecane (C18)	11.505	2900491	20.183 ug/ml
10) T n-Eicosane (C20)	12.813	2780568	20.143 ug/ml
11) T n-Heneicosane (C21)	13.424	2726308	20.113 ug/ml
13) T n-Docosane (C22)	14.009	2688370	20.077 ug/ml
14) T n-Tetracosane (C24)	15.110	2651870	20.069 ug/ml
15) T n-Hexacosane (C26)	16.129	2610144	20.128 ug/ml
16) T n-Octacosane (C28)	17.078	2590405	20.318 ug/ml
17) T n-Tricontane (C30)	17.965	2671503	20.632 ug/ml
18) T n-Dotriacontane (C32)	18.797	2619150	20.922 ug/ml
19) T n-Tetratriacontane (C34)	19.580	2329185	20.623 ug/ml
20) T n-Hexatriacontane (C36)	20.319	2011468	20.886 ug/ml
21) T n-Octatriacontane (C38)	21.038	1999187	21.958 ug/ml
22) T n-Tetracontane (C40)	21.911	1984375	22.643 ug/ml

(f)=RT Delta > 1/2 Window

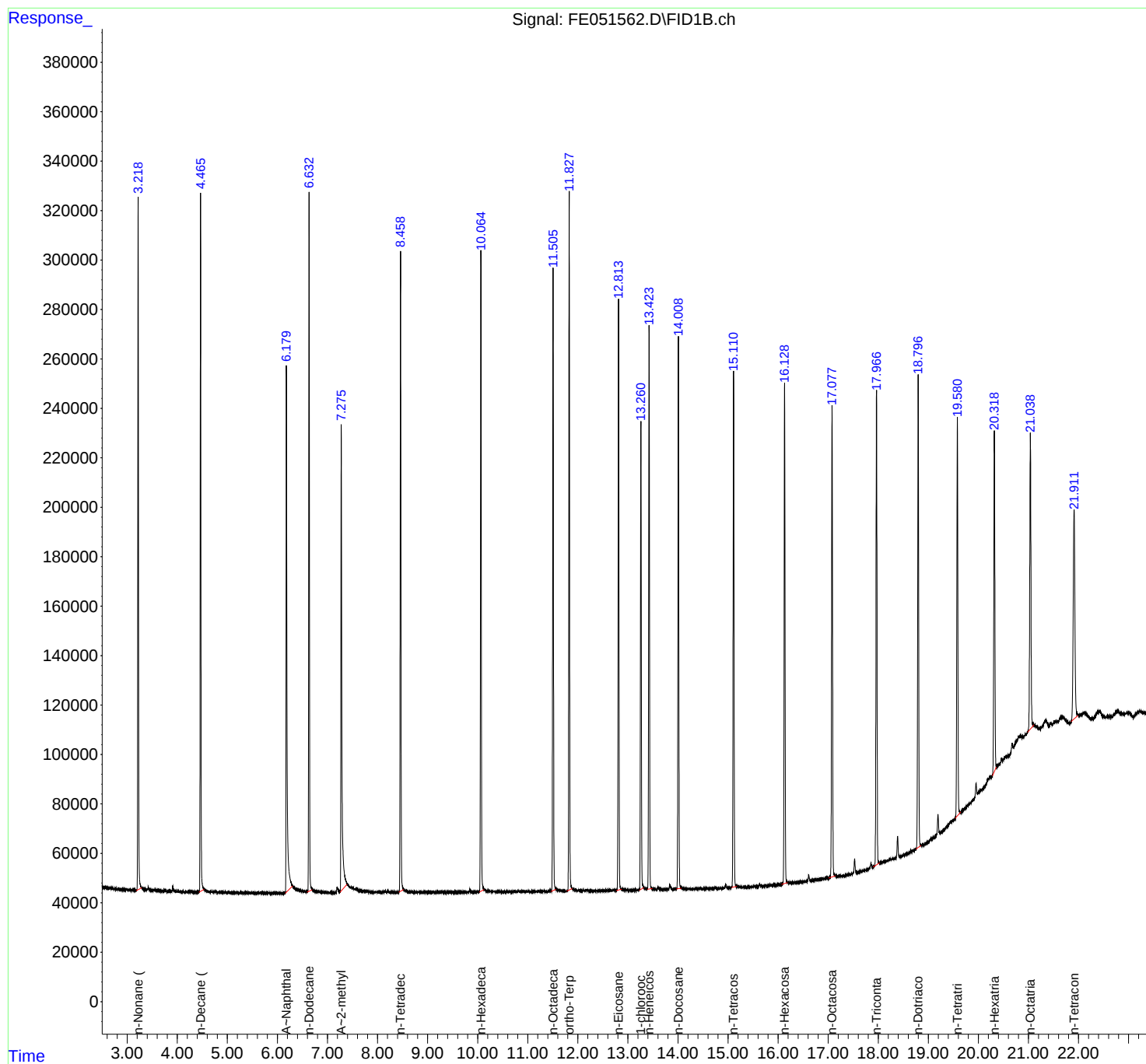
(m)=manual int.

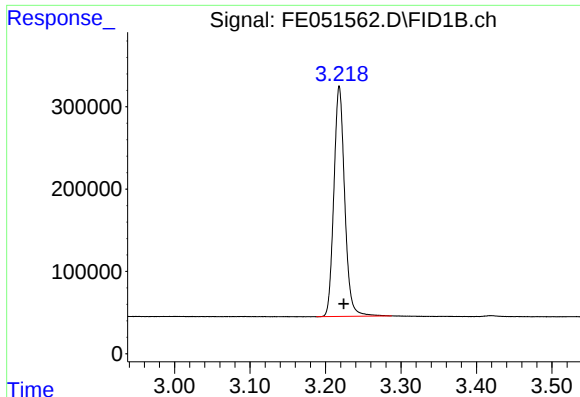
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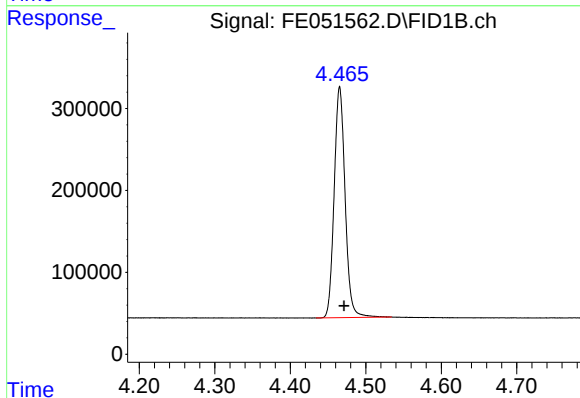




#1 n-Nonane (C9)

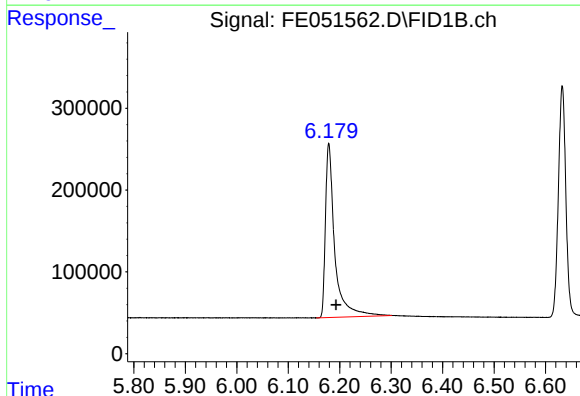
R.T.: 3.218 min
Delta R.T.: -0.006 min
Response: 2789724
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



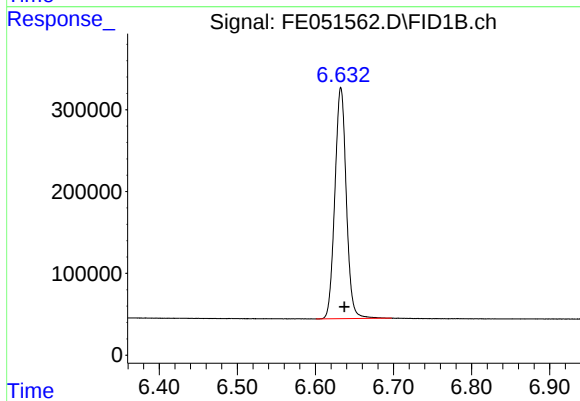
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.006 min
Response: 2841614
Conc: 20.04 ug/ml



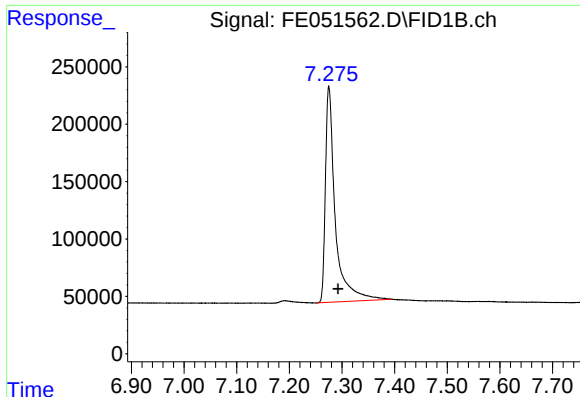
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.013 min
Response: 2676514
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

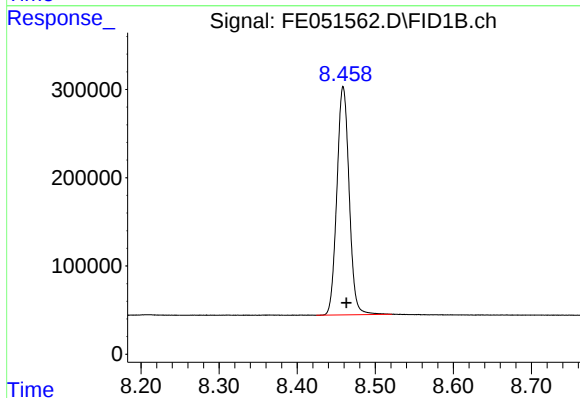
R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 2868826
Conc: 20.15 ug/ml



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

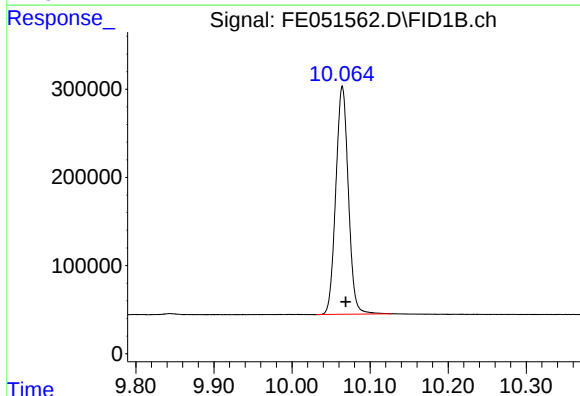
R.T.: 7.276 min
Delta R.T.: -0.017 min
Response: 2457486
Conc: 20.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



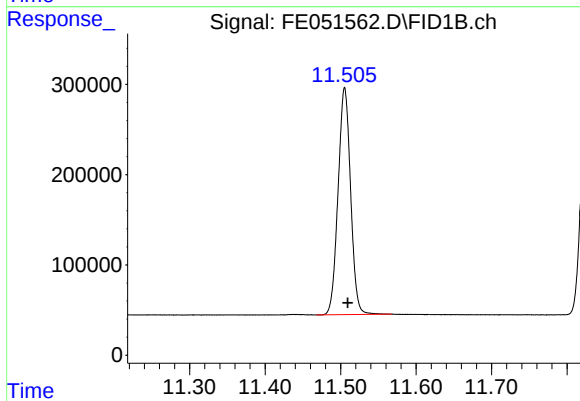
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.004 min
Response: 2819490
Conc: 20.23 ug/ml



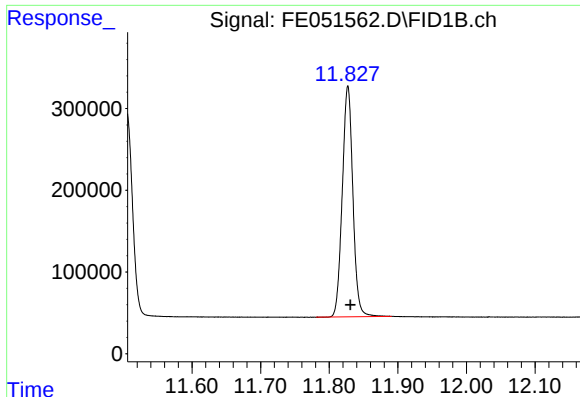
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.005 min
Response: 2888979
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

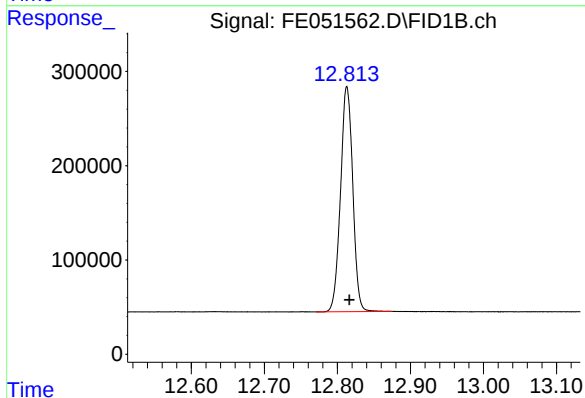
R.T.: 11.505 min
Delta R.T.: -0.004 min
Response: 2900491
Conc: 20.18 ug/ml



#9 ortho-Terphenyl (SURR)

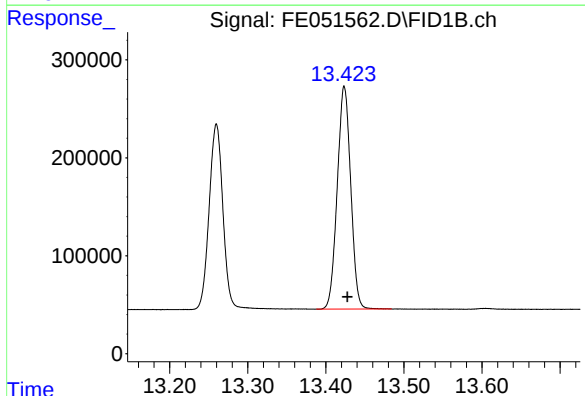
R.T.: 11.827 min
Delta R.T.: -0.004 min
Response: 3030274
Conc: 20.05 ug/ml

Instrument :
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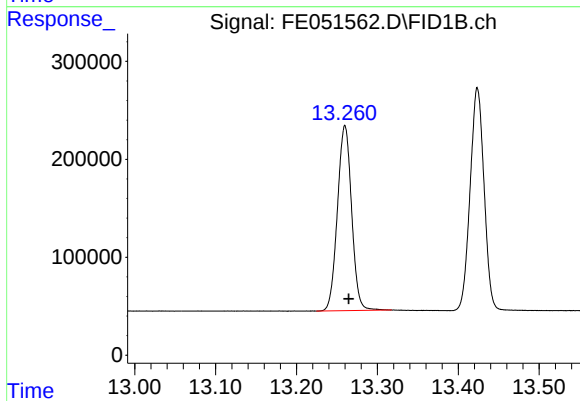
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.004 min
Response: 2780568
Conc: 20.14 ug/ml



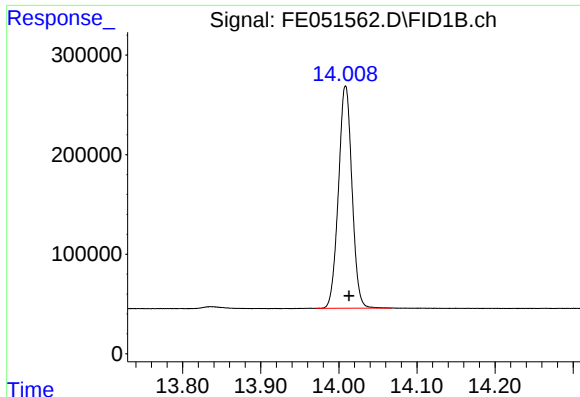
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.004 min
Response: 2726308
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

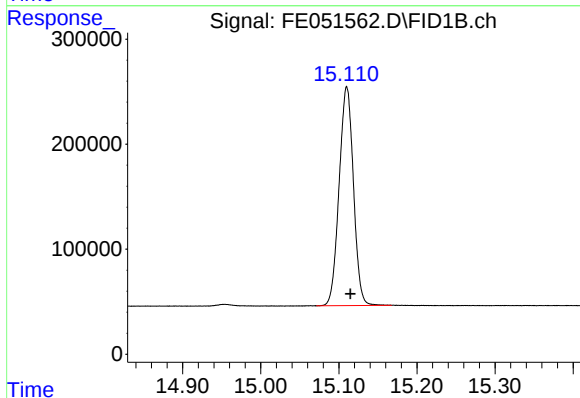
R.T.: 13.260 min
Delta R.T.: -0.005 min
Response: 2303751
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

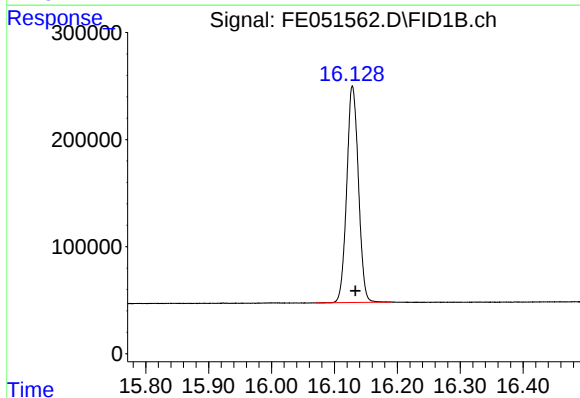
R.T.: 14.009 min
Delta R.T.: -0.005 min
Response: 2688370
Conc: 20.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



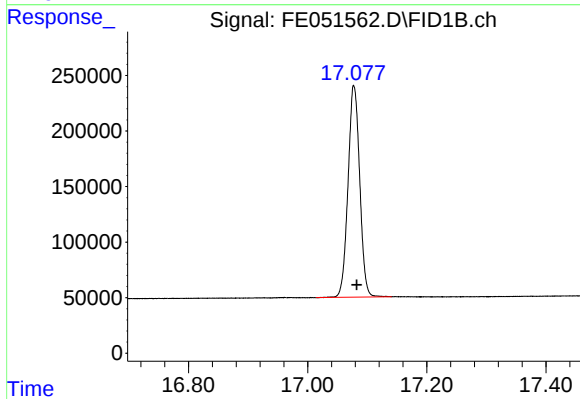
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.005 min
Response: 2651870
Conc: 20.07 ug/ml



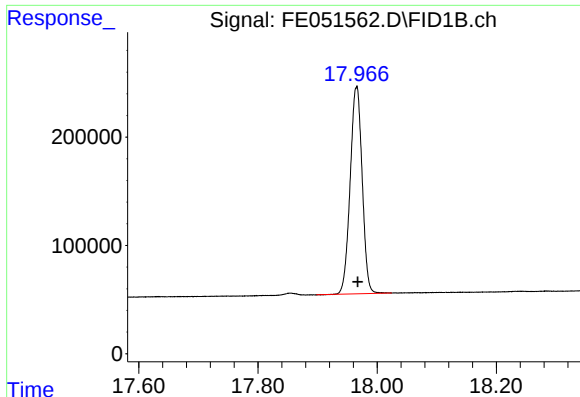
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.004 min
Response: 2610144
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

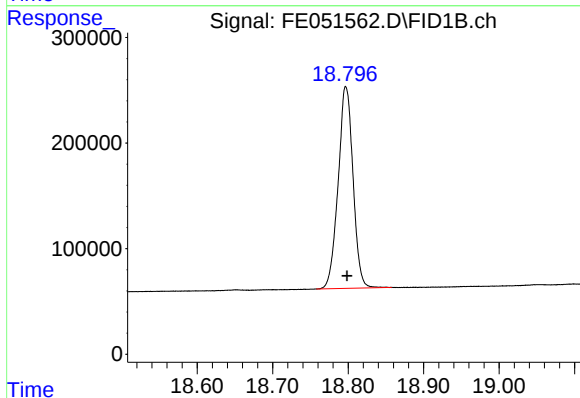
R.T.: 17.078 min
Delta R.T.: -0.004 min
Response: 2590405
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

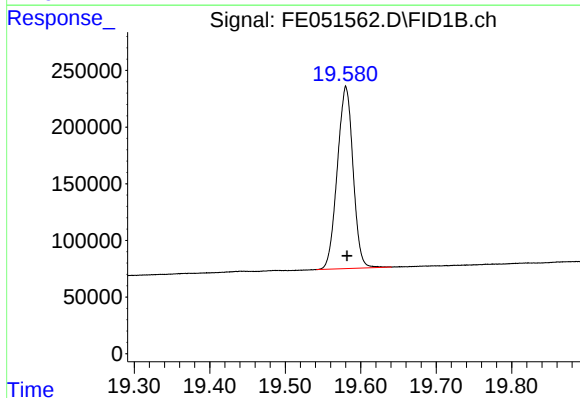
R.T.: 17.965 min
Delta R.T.: -0.002 min
Response: 2671503
Conc: 20.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



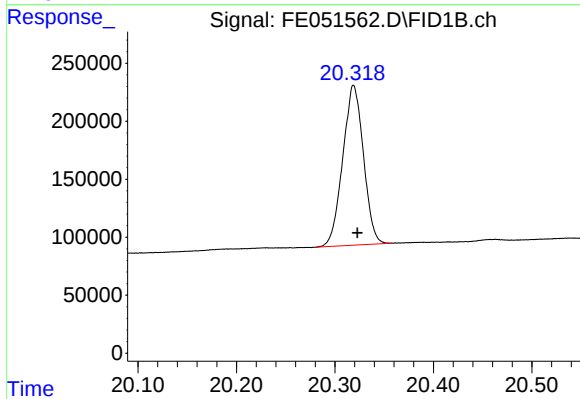
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: -0.001 min
Response: 2619150
Conc: 20.92 ug/ml



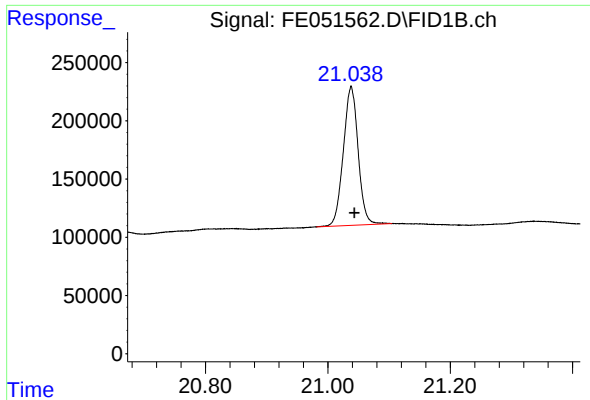
#19 n-Tetratriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.002 min
Response: 2329185
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

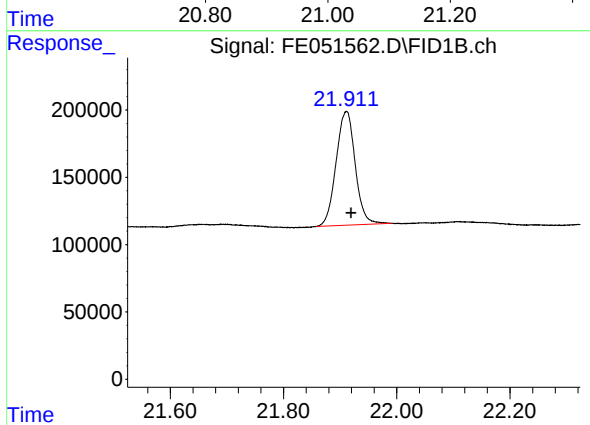
R.T.: 20.319 min
Delta R.T.: -0.004 min
Response: 2011468
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.005 min
Response: 1999187
Conc: 21.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.009 min
Response: 1984375
Conc: 22.64 ug/ml