

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070124AL\
 Data File : FE048958.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2024 21:07
 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: Jul 02 01:42:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.934	2701162	16.154 ug/ml
Spiked Amount 50.000		Recovery =	32.31%
12) S 1-chlorooctadecane (S...	13.369	2053488	15.969 ug/ml
Spiked Amount 50.000		Recovery =	31.94%
Target Compounds			
1) T n-Nonane (C9)	3.321	2494172	16.590 ug/ml
2) T n-Decane (C10)	4.570	2654591	17.250 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2697580	16.992 ug/ml
4) T n-Dodecane (C12)	6.735	2641994	17.114 ug/ml
5) T A~2-methylnaphthalene...	7.374	2571379	16.980 ug/ml
6) T n-Tetradecane (C14)	8.563	2596367	16.940 ug/ml
7) T n-Hexadecane (C16)	10.171	2661147	17.020 ug/ml
8) T n-Octadecane (C18)	11.615	2660313	16.680 ug/ml
10) T n-Eicosane (C20)	12.924	2535617	16.355 ug/ml
11) T n-Heneicosane (C21)	13.536	2484897	16.320 ug/ml
13) T n-Docosane (C22)	14.122	2466227	16.307 ug/ml
14) T n-Tetracosane (C24)	15.224	2485901	16.542 ug/ml
15) T n-Hexacosane (C26)	16.245	2491077	16.874 ug/ml
16) T n-Octacosane (C28)	17.194	2584212	17.919 ug/ml
17) T n-Tricontane (C30)	18.081	2921421	19.969 ug/ml
18) T n-Dotriacontane (C32)	18.914	2991880	20.925 ug/ml
19) T n-Tetratriacontane (C34)	19.696	2879590	20.811 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2651826	20.404 ug/ml
21) T n-Octatriacontane (C38)	21.173	2609450	20.355 ug/ml
22) T n-Tetracontane (C40)	22.087	2822256	23.046 ug/ml

(f)=RT Delta > 1/2 Window

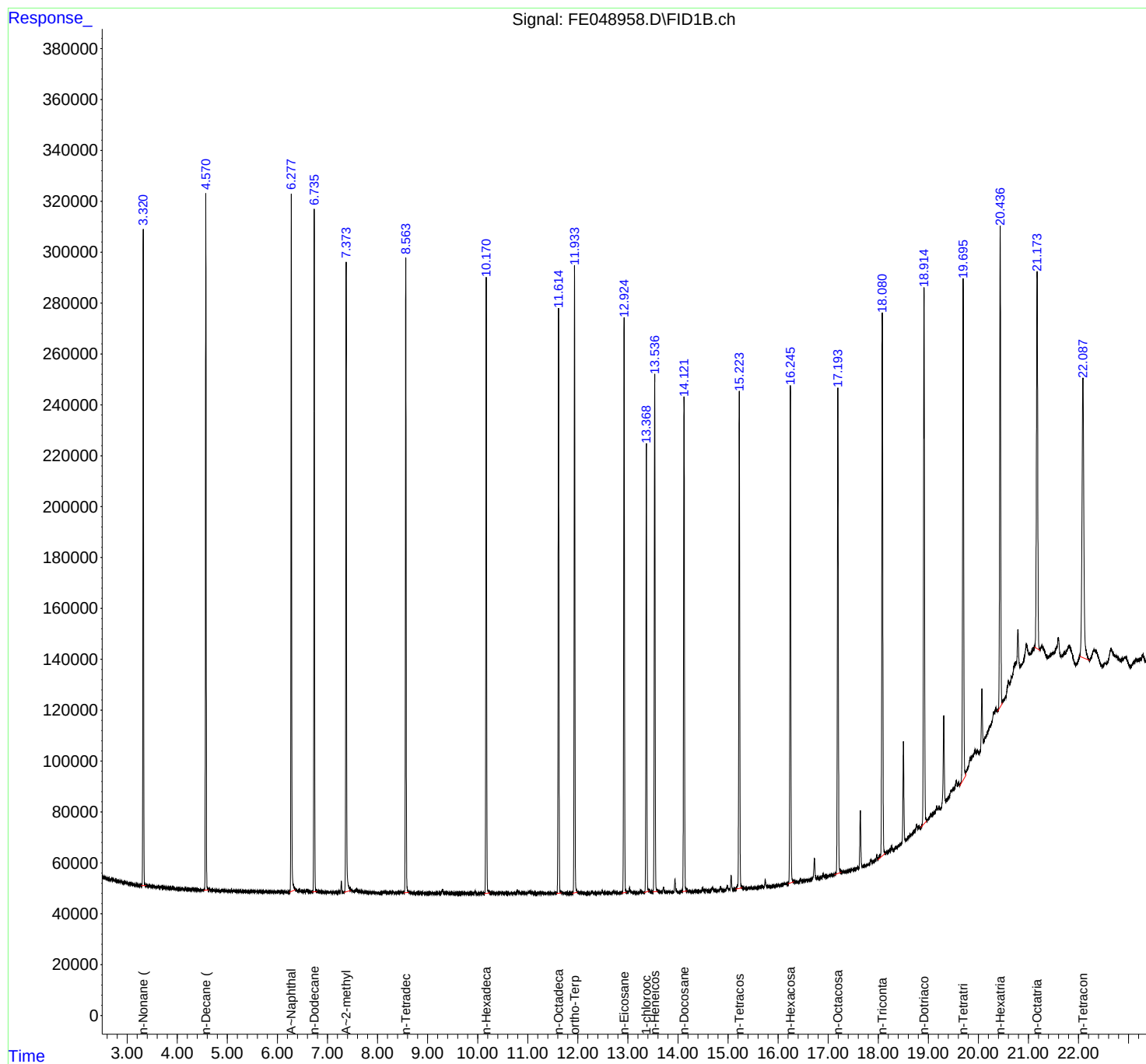
(m)=manual int.

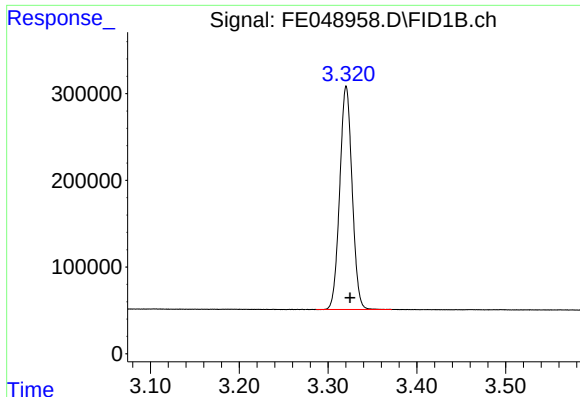
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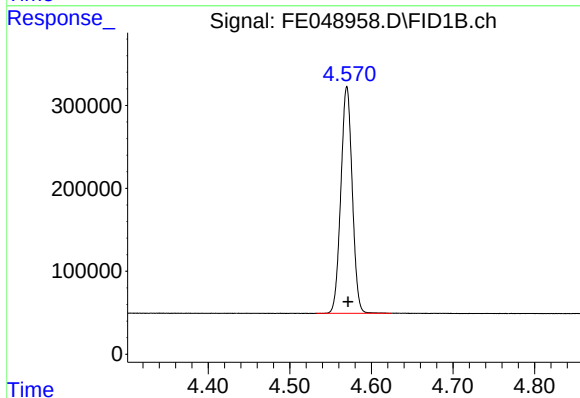




#1 n-Nonane (C9)

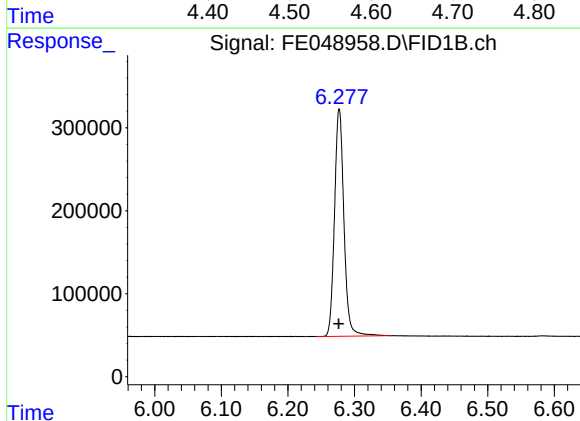
R.T.: 3.321 min
Delta R.T.: -0.005 min
Response: 2494172
Conc: 16.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



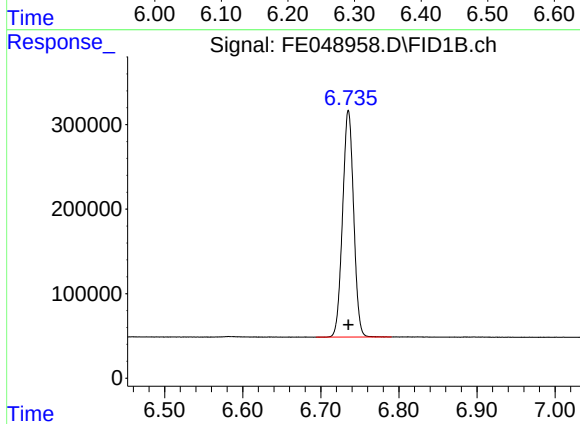
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 2654591
Conc: 17.25 ug/ml



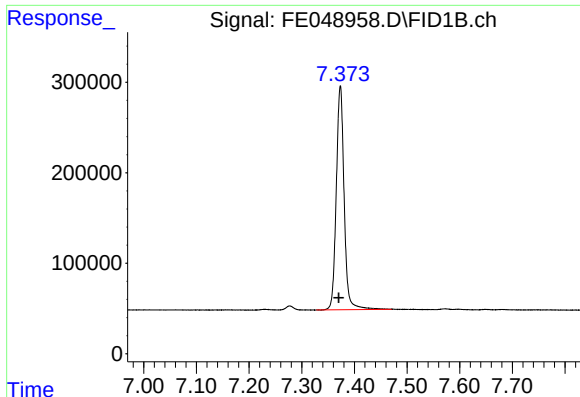
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2697580
Conc: 16.99 ug/ml



#4 n-Dodecane (C12)

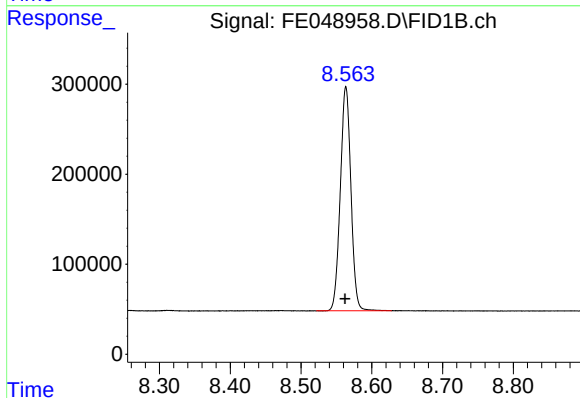
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 2641994
Conc: 17.11 ug/ml



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

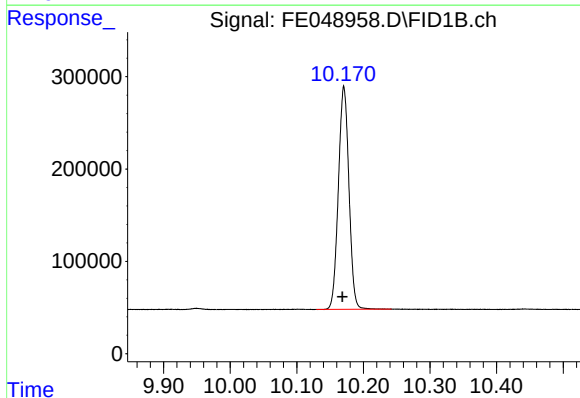
R.T.: 7.374 min
Delta R.T.: 0.003 min
Response: 2571379
Conc: 16.98 ug/ml

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20 PPM ALIPHATIC HC STD



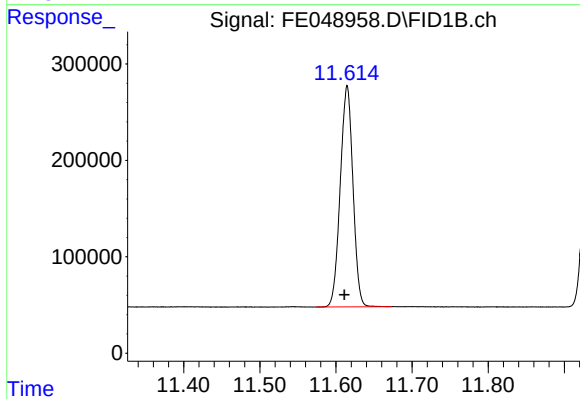
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.001 min
Response: 2596367
Conc: 16.94 ug/ml



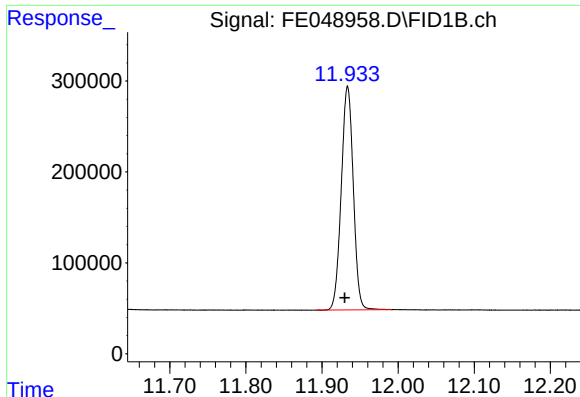
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.002 min
Response: 2661147
Conc: 17.02 ug/ml



#8 n-Octadecane (C18)

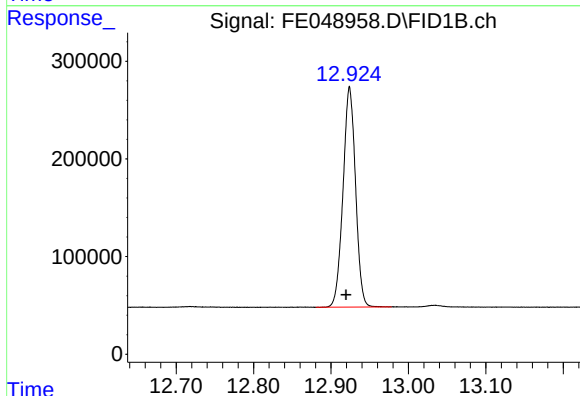
R.T.: 11.615 min
Delta R.T.: 0.004 min
Response: 2660313
Conc: 16.68 ug/ml



#9 ortho-Terphenyl (SURR)

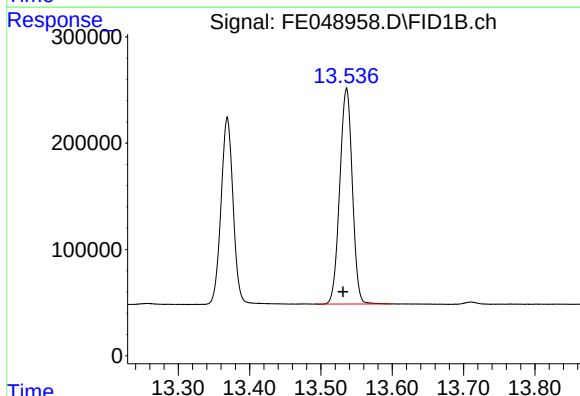
R.T.: 11.934 min
Delta R.T.: 0.004 min
Response: 2701162
Conc: 16.15 ug/ml

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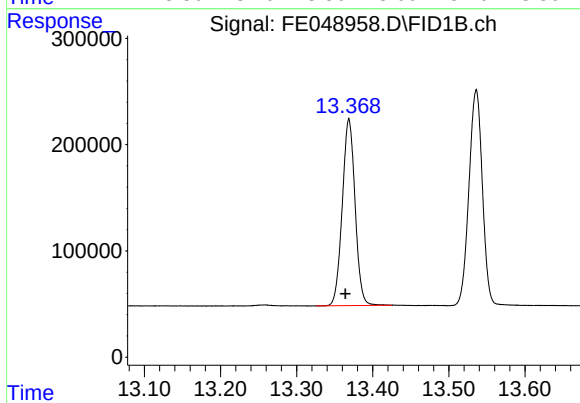
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.004 min
Response: 2535617
Conc: 16.36 ug/ml



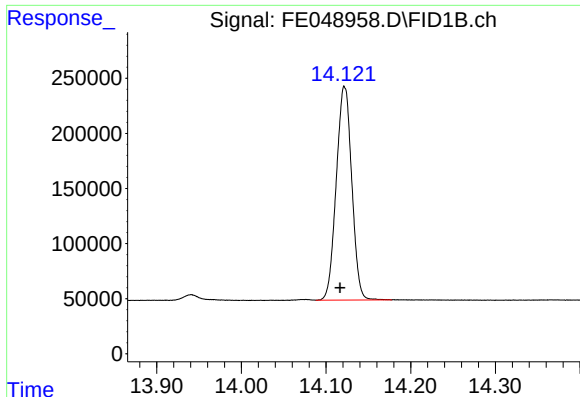
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.005 min
Response: 2484897
Conc: 16.32 ug/ml



#12 1-chlorooctadecane (SURR)

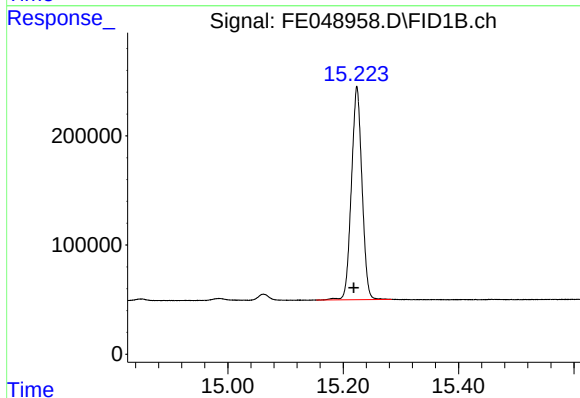
R.T.: 13.369 min
Delta R.T.: 0.005 min
Response: 2053488
Conc: 15.97 ug/ml



#13 n-Docosane (C22)

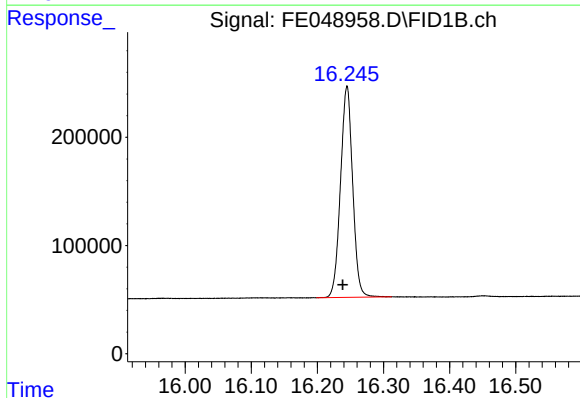
R.T.: 14.122 min
Delta R.T.: 0.005 min
Response: 2466227
Conc: 16.31 ug/ml

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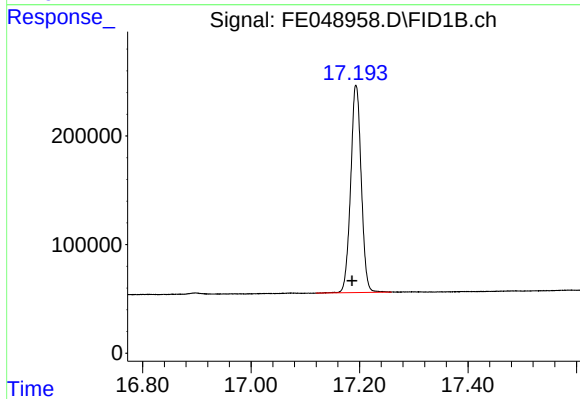
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.005 min
Response: 2485901
Conc: 16.54 ug/ml



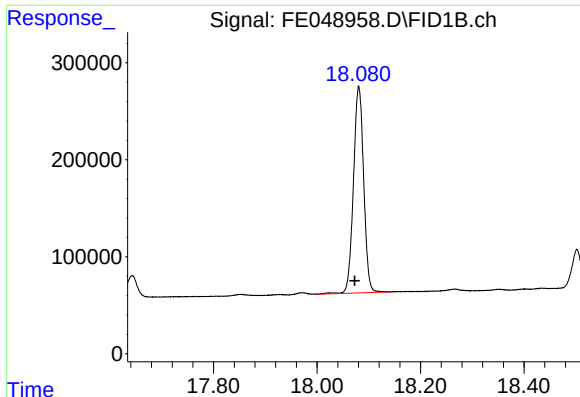
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.007 min
Response: 2491077
Conc: 16.87 ug/ml



#16 n-Octacosane (C28)

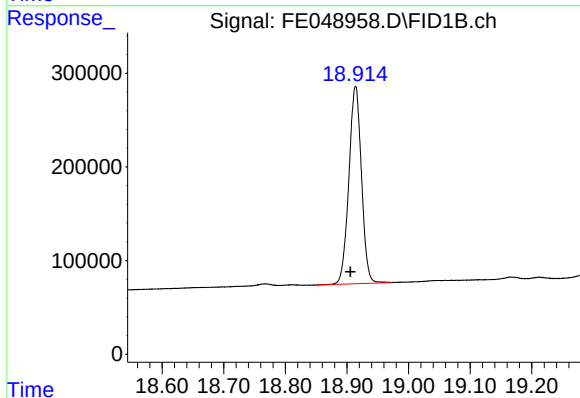
R.T.: 17.194 min
Delta R.T.: 0.007 min
Response: 2584212
Conc: 17.92 ug/ml



#17 n-Tricontane (C30)

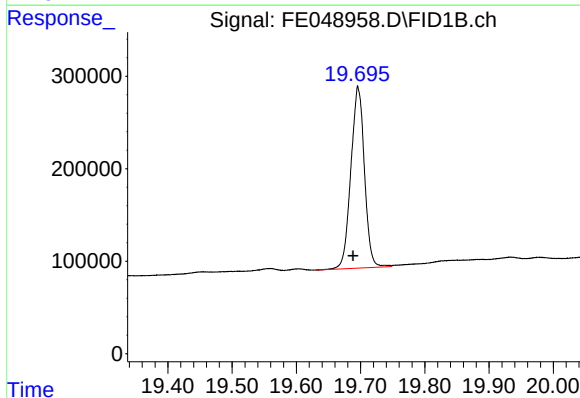
R.T.: 18.081 min
Delta R.T.: 0.008 min
Response: 2921421
Conc: 19.97 ug/ml

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20 PPM ALIPHATIC HC STD



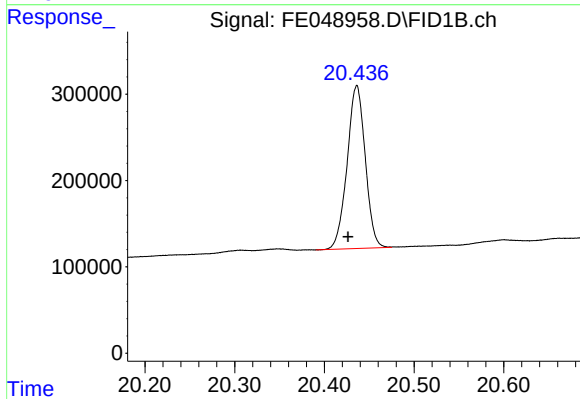
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: 0.009 min
Response: 2991880
Conc: 20.93 ug/ml



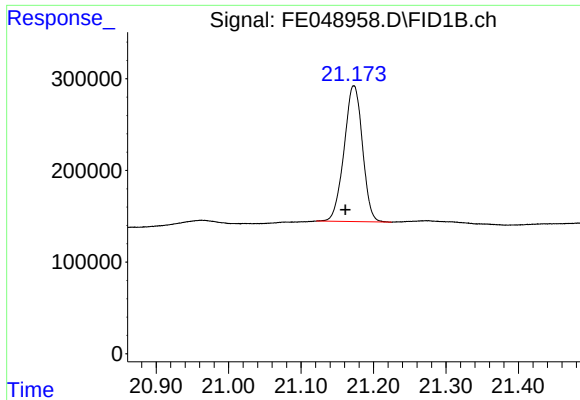
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.008 min
Response: 2879590
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

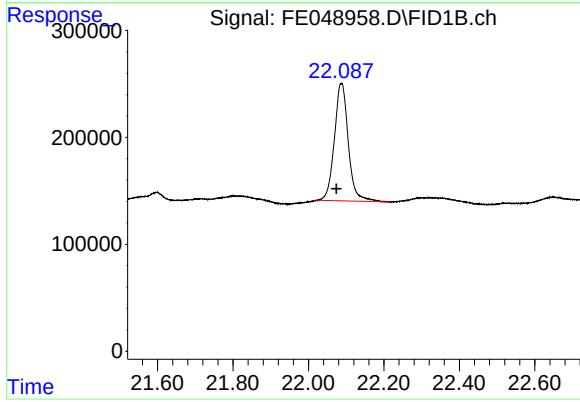
R.T.: 20.436 min
Delta R.T.: 0.010 min
Response: 2651826
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.012 min
Response: 2609450
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: 0.013 min
Response: 2822256
Conc: 23.05 ug/ml