

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092123AL\
 Data File : FE044387.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2023 07:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 21 09:17:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 2023
 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)	11.925	4204798	22.195 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
12) S 1-chlorooctadecane (S...	13.364	3127490	22.639 ug/ml
Spiked Amount 50.000		Recovery =	45.28%
Target Compounds			
1) T n-Nonane (C9)	3.312	3489334	21.390 ug/ml
2) T n-Decane (C10)	4.563	3569313	21.474 ug/ml
3) T A~Naphthalene (C11.7)	6.265	3900157	21.780 ug/ml
4) T n-Dodecane (C12)	6.727	3622473	21.540 ug/ml
5) T A~2-methylnaphthalene...	7.360	3810988	22.230 ug/ml
6) T n-Tetradecane (C14)	8.554	3596147	21.443 ug/ml
7) T n-Hexadecane (C16)	10.163	3660531	21.179 ug/ml
8) T n-Octadecane (C18)	11.608	3651192	20.975 ug/ml
10) T n-Eicosane (C20)	12.919	3502372	21.174 ug/ml
11) T n-Heneicosane (C21)	13.531	3421293	21.151 ug/ml
13) T n-Docosane (C22)	14.118	3357013	21.013 ug/ml
14) T n-Tetracosane (C24)	15.223	3269743	20.909 ug/ml
15) T n-Hexacosane (C26)	16.245	3186322	21.136 ug/ml
16) T n-Octacosane (C28)	17.196	3138299	21.747 ug/ml
17) T n-Tricontane (C30)	18.085	3237169	22.282 ug/ml
18) T n-Dotriacontane (C32)	18.919	3272605	22.974 ug/ml
19) T n-Tetratriacontane (C34)	19.705	3222804	23.030 ug/ml
20) T n-Hexatriacontane (C36)	20.446	3258340	23.767 ug/ml
21) T n-Octatriacontane (C38)	21.189	3343881	24.089 ug/ml
22) T n-Tetracontane (C40)	22.111	3479345	25.165 ug/ml

(f)=RT Delta > 1/2 Window

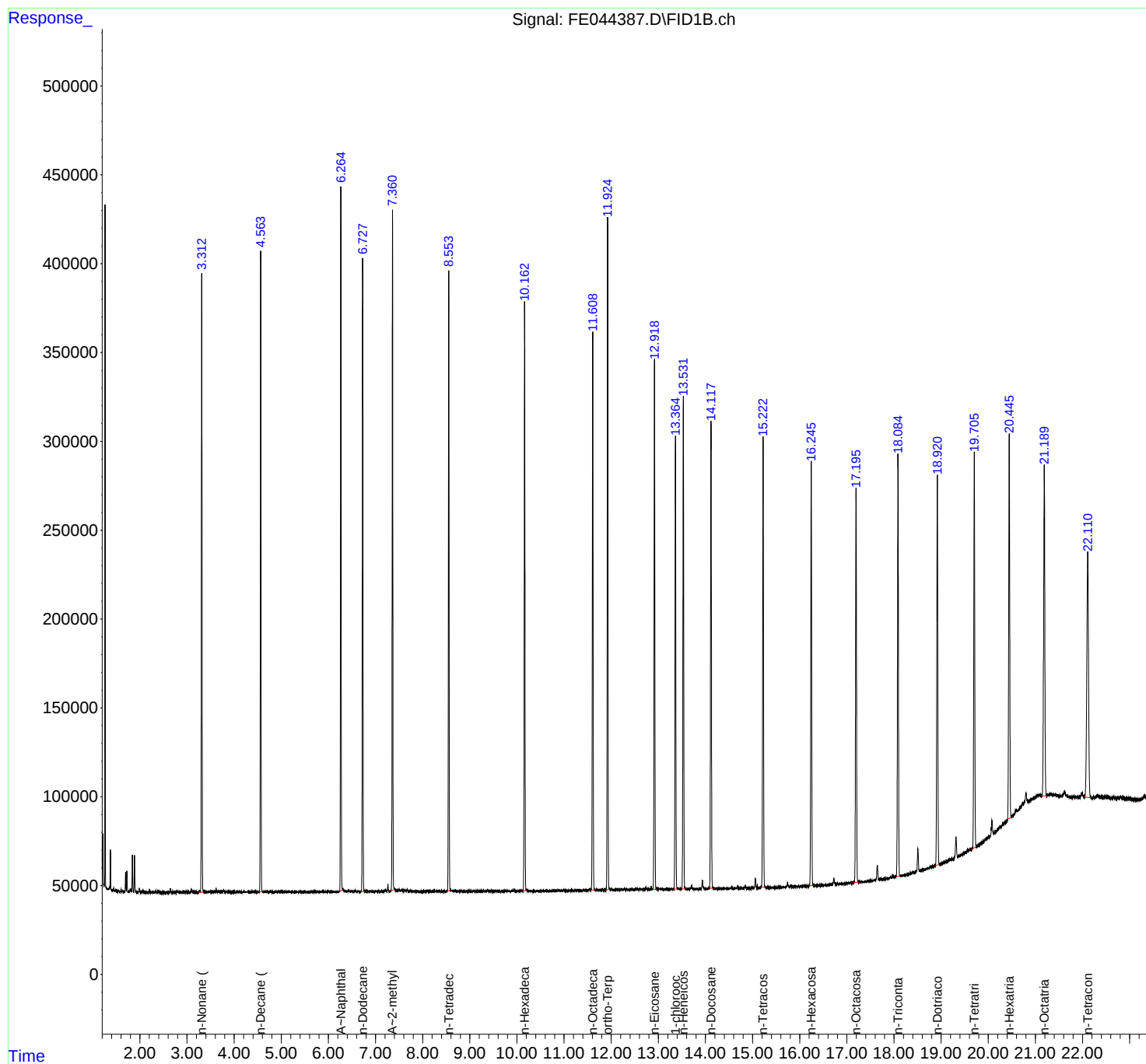
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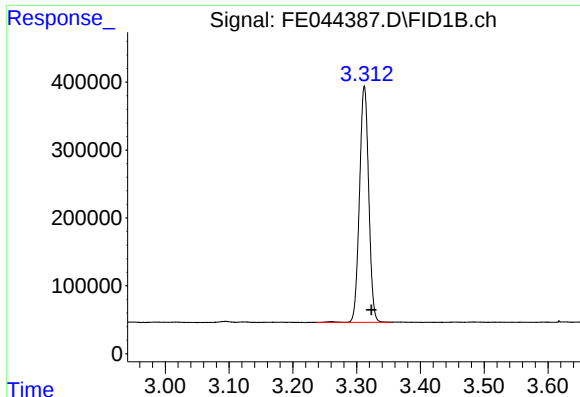
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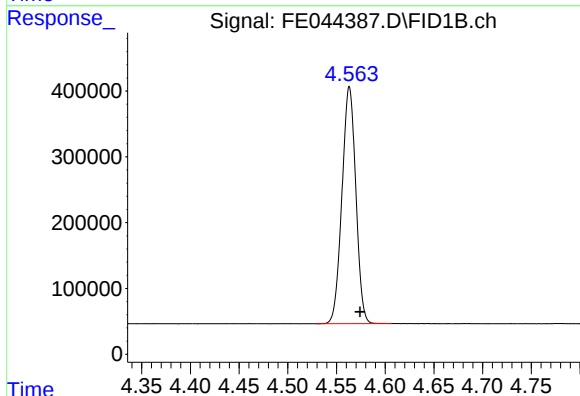




#1 n-Nonane (C9)

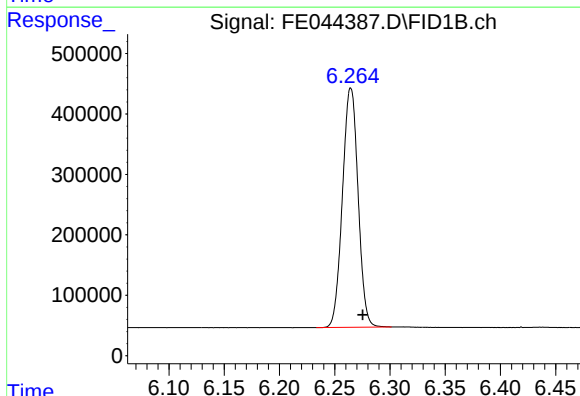
R.T.: 3.312 min
Delta R.T.: -0.011 min
Response: 3489334
Conc: 21.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



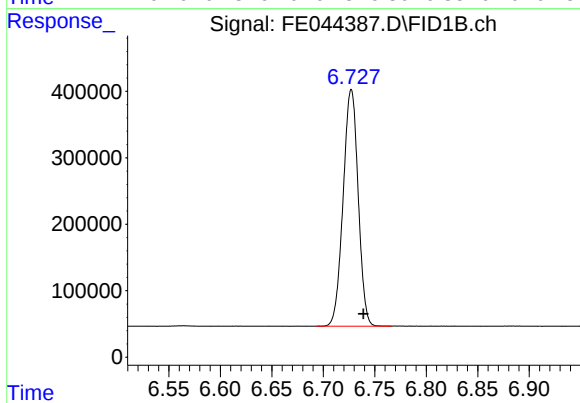
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.011 min
Response: 3569313
Conc: 21.47 ug/ml



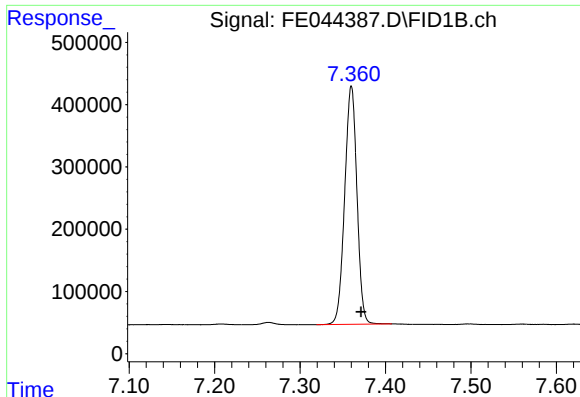
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.011 min
Response: 3900157
Conc: 21.78 ug/ml



#4 n-Dodecane (C12)

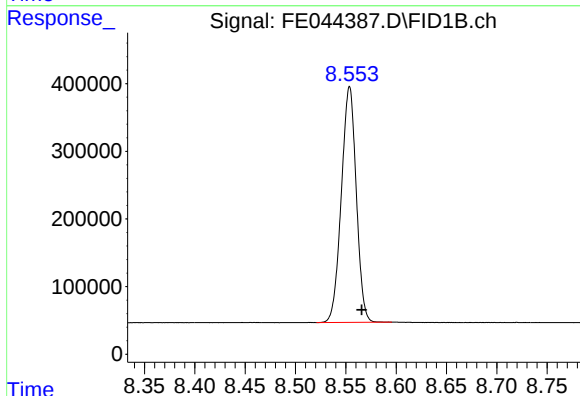
R.T.: 6.727 min
Delta R.T.: -0.012 min
Response: 3622473
Conc: 21.54 ug/ml



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

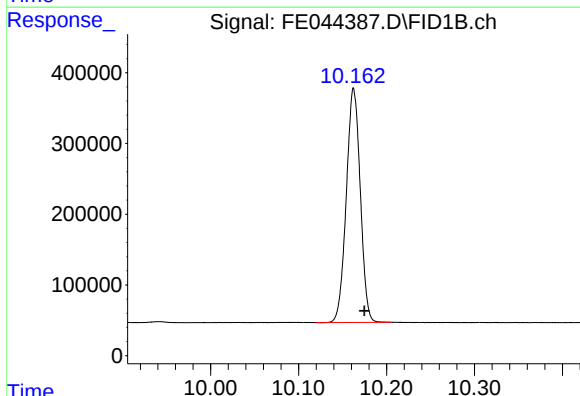
R.T.: 7.360 min
Delta R.T.: -0.011 min
Response: 3810988
Conc: 22.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



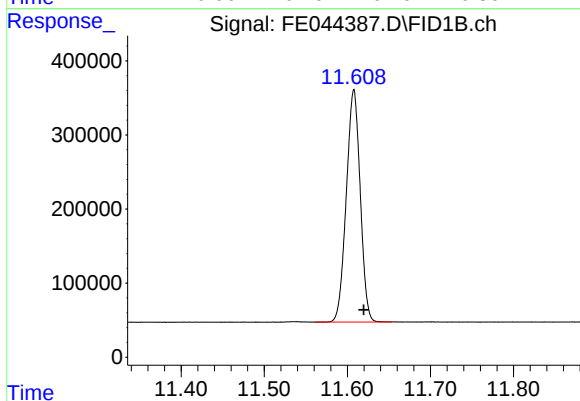
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.012 min
Response: 3596147
Conc: 21.44 ug/ml



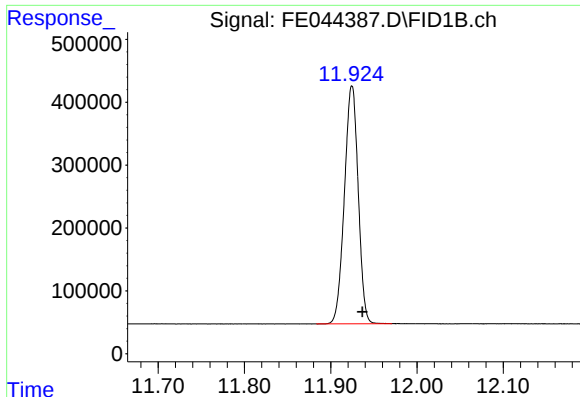
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.012 min
Response: 3660531
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

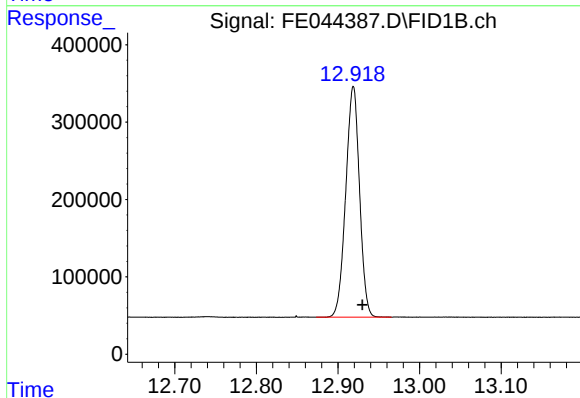
R.T.: 11.608 min
Delta R.T.: -0.012 min
Response: 3651192
Conc: 20.98 ug/ml



#9 ortho-Terphenyl (SURR)

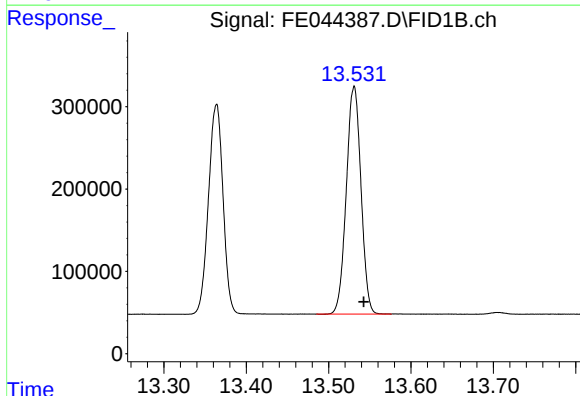
R.T.: 11.925 min
Delta R.T.: -0.012 min
Response: 4204798
Conc: 22.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



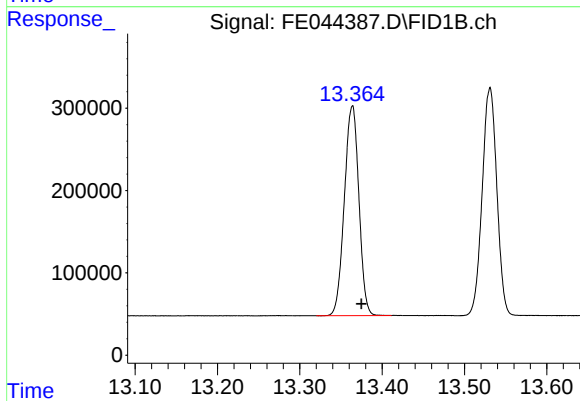
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.011 min
Response: 3502372
Conc: 21.17 ug/ml



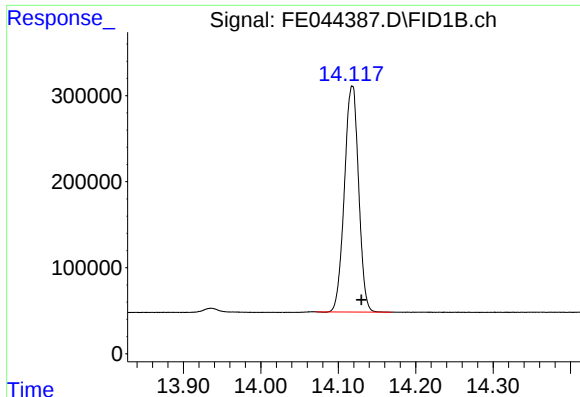
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.012 min
Response: 3421293
Conc: 21.15 ug/ml



#12 1-chlorooctadecane (SURR)

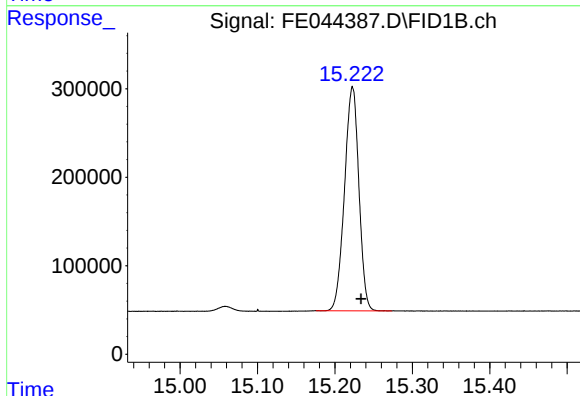
R.T.: 13.364 min
Delta R.T.: -0.011 min
Response: 3127490
Conc: 22.64 ug/ml



#13 n-Docosane (C22)

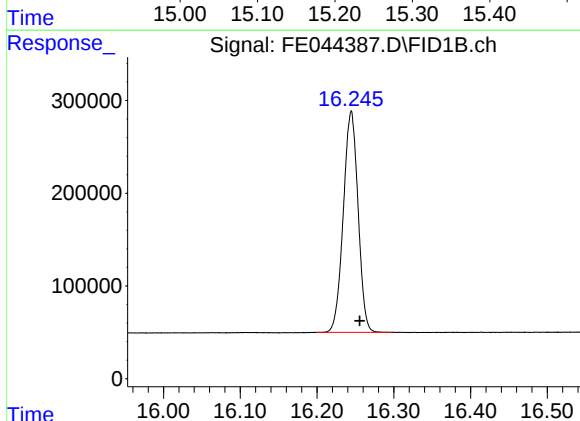
R.T.: 14.118 min
Delta R.T.: -0.012 min
Response: 3357013
Conc: 21.01 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



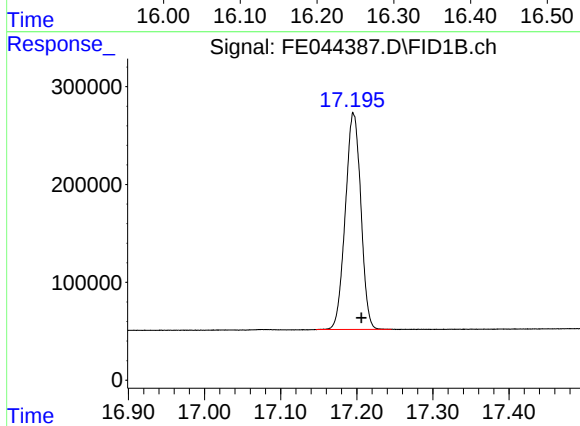
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.011 min
Response: 3269743
Conc: 20.91 ug/ml



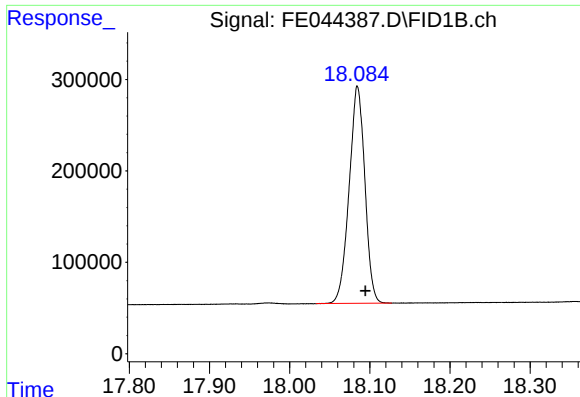
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.011 min
Response: 3186322
Conc: 21.14 ug/ml



#16 n-Octacosane (C28)

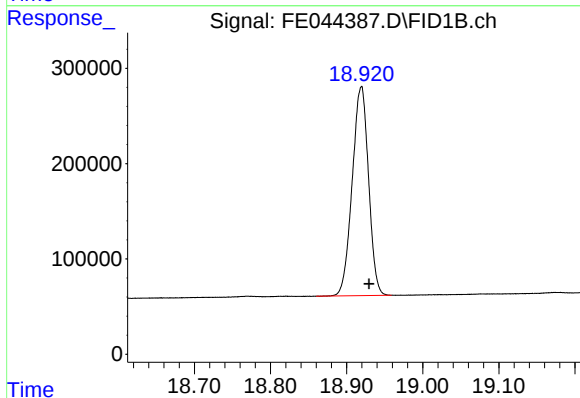
R.T.: 17.196 min
Delta R.T.: -0.010 min
Response: 3138299
Conc: 21.75 ug/ml



#17 n-Tricontane (C30)

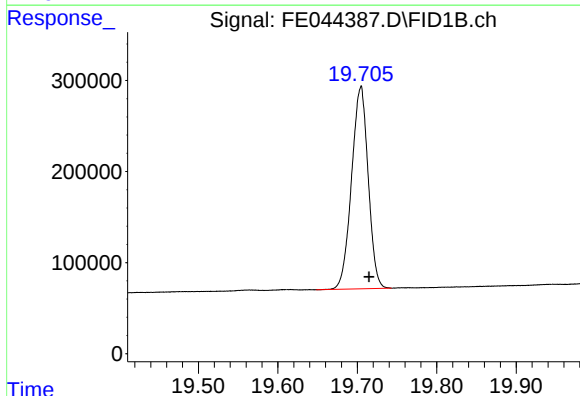
R.T.: 18.085 min
Delta R.T.: -0.010 min
Response: 3237169
Conc: 22.28 ug/ml

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20 PPM ALIPHATIC HC STD



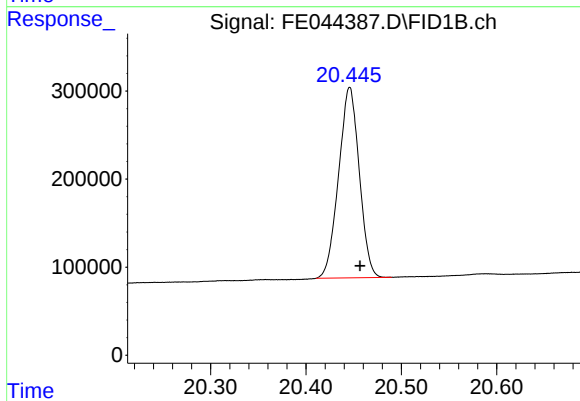
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.010 min
Response: 3272605
Conc: 22.97 ug/ml



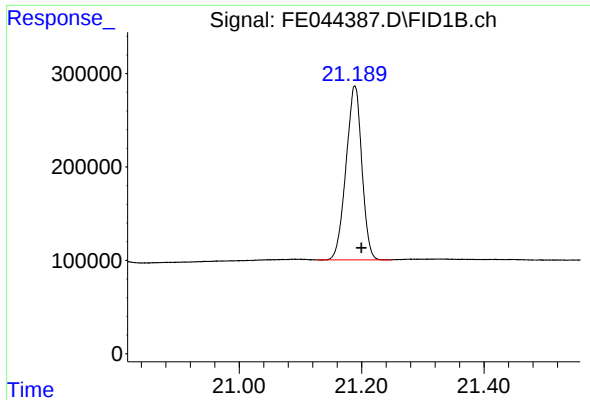
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.010 min
Response: 3222804
Conc: 23.03 ug/ml



#20 n-Hexatriacontane (C36)

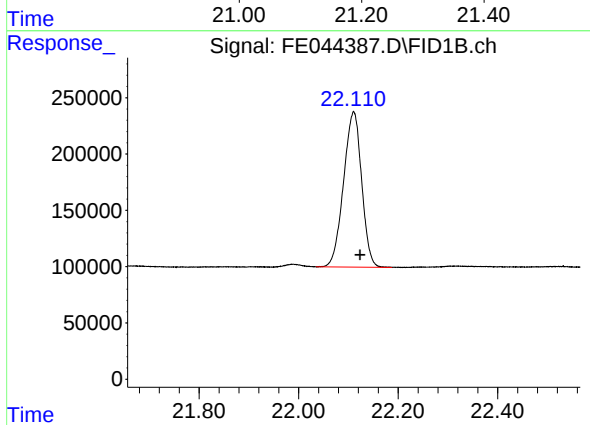
R.T.: 20.446 min
Delta R.T.: -0.011 min
Response: 3258340
Conc: 23.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.011 min
Response: 3343881
Conc: 24.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: -0.013 min
Response: 3479345
Conc: 25.16 ug/ml