

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101024AL\
 Data File : FE050563.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2024 10:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 12:24:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.862	3185062	20.203 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.296	2392674	20.227 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.252	2841524	20.111 ug/ml
2) T n-Decane (C10)	4.502	2927195	20.402 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2911067	20.358 ug/ml
4) T n-Dodecane (C12)	6.668	2944458	20.457 ug/ml
5) T A~2-methylnaphthalene...	7.307	2746349	20.730 ug/ml
6) T n-Tetradecane (C14)	8.495	2910936	20.347 ug/ml
7) T n-Hexadecane (C16)	10.100	2997316	20.366 ug/ml
8) T n-Octadecane (C18)	11.542	3025829	20.257 ug/ml
10) T n-Eicosane (C20)	12.850	2890279	20.155 ug/ml
11) T n-Heneicosane (C21)	13.461	2829517	20.148 ug/ml
13) T n-Docosane (C22)	14.046	2798434	19.947 ug/ml
14) T n-Tetracosane (C24)	15.147	2796088	19.792 ug/ml
15) T n-Hexacosane (C26)	16.167	2795654	19.867 ug/ml
16) T n-Octacosane (C28)	17.115	2874762	19.646 ug/ml
17) T n-Tricontane (C30)	18.002	3109236	19.555 ug/ml
18) T n-Dotriacontane (C32)	18.833	3138518	19.360 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2873187	19.560 ug/ml
20) T n-Hexatriacontane (C36)	20.355	2511443	19.804 ug/ml
21) T n-Octatriacontane (C38)	21.081	2403779	19.441 ug/ml
22) T n-Tetracontane (C40)	21.965	2069881	18.589 ug/ml

(f)=RT Delta > 1/2 Window

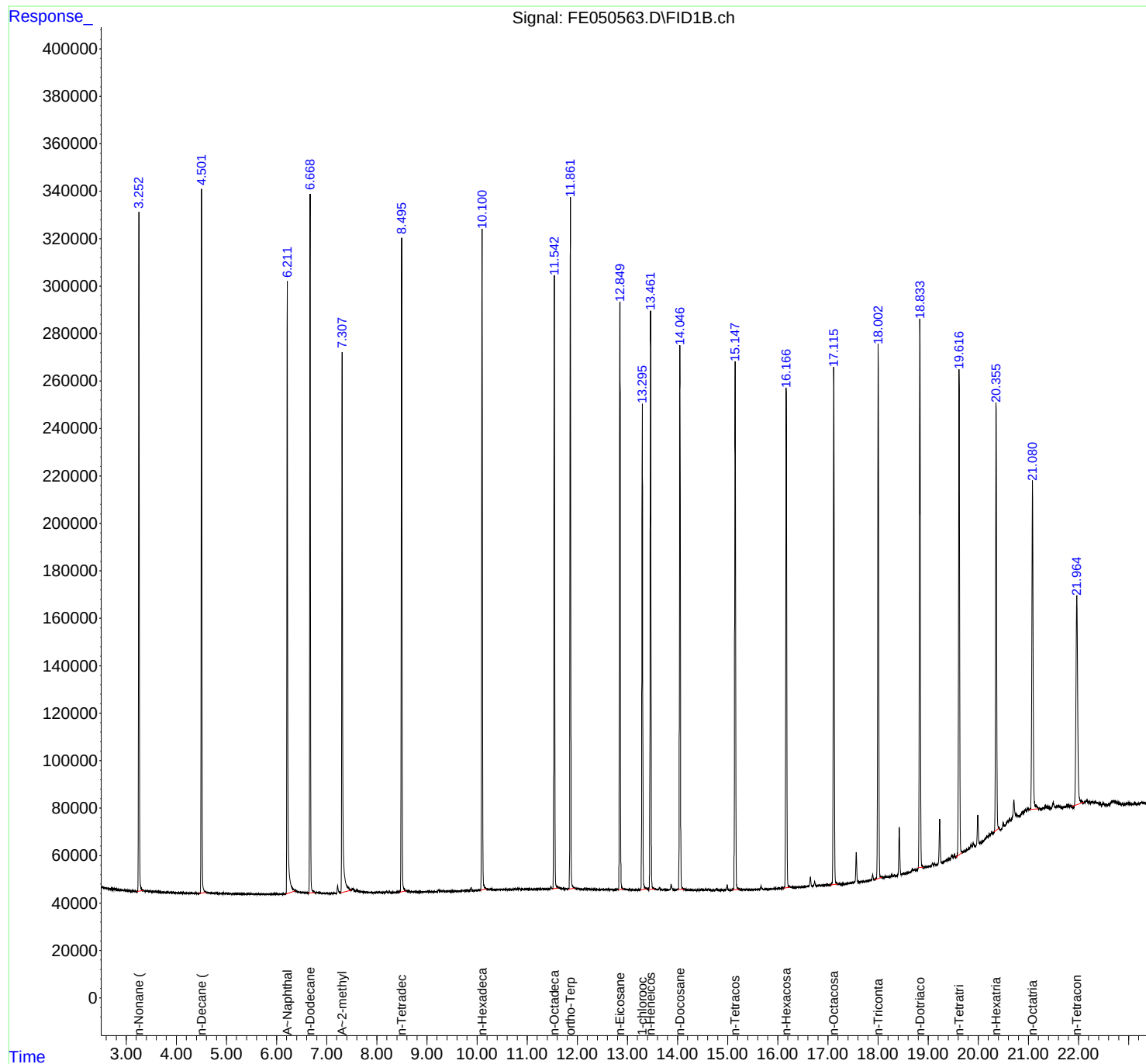
(m)=manual int.

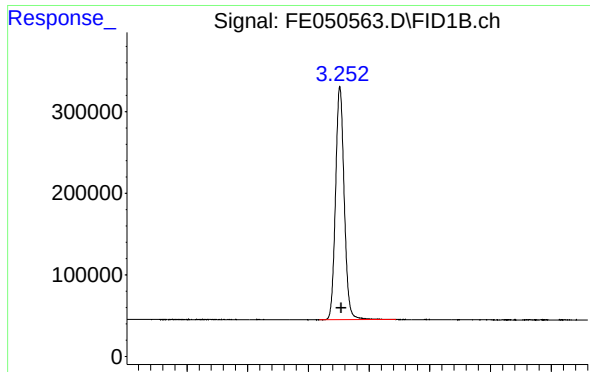
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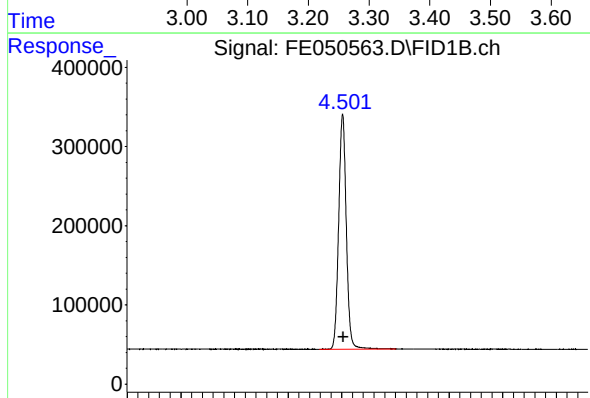




#1 n-Nonane (C9)

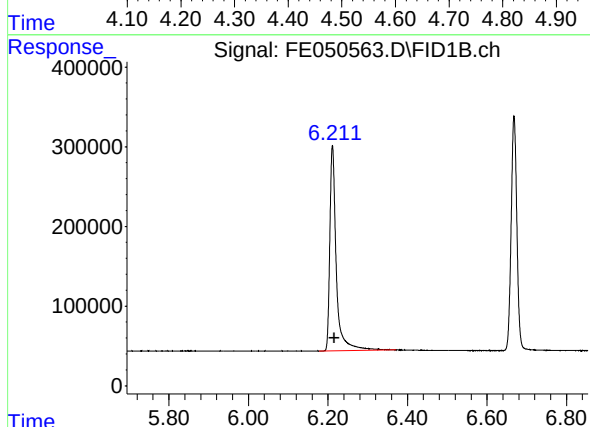
R.T.: 3.252 min
Delta R.T.: -0.002 min
Response: 2841524
Conc: 20.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



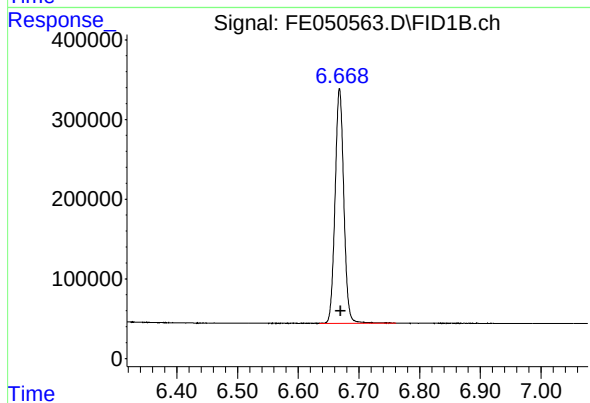
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.001 min
Response: 2927195
Conc: 20.40 ug/ml



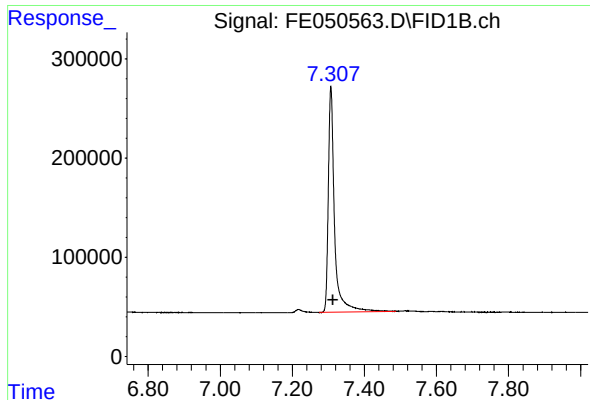
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.005 min
Response: 2911067
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

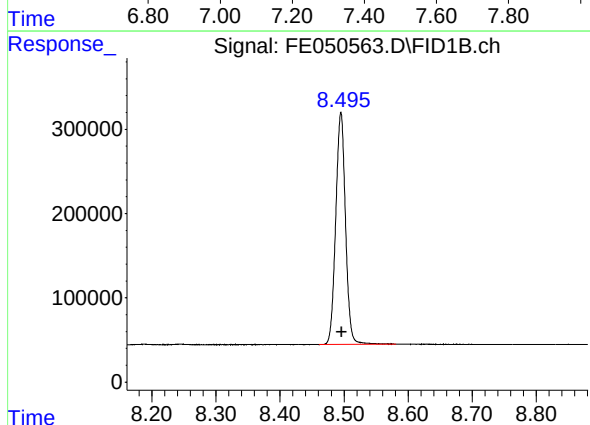
R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 2944458
Conc: 20.46 ug/ml



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

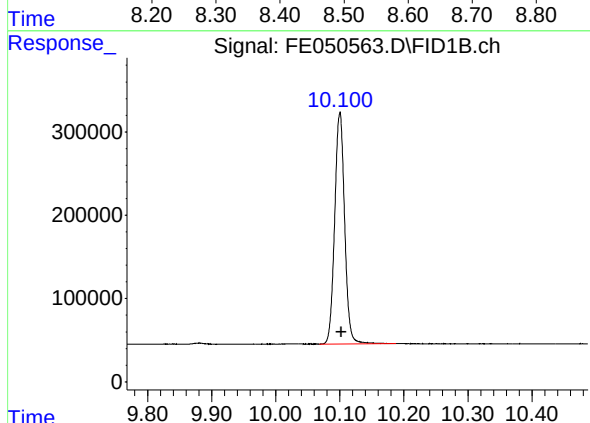
R.T.: 7.307 min
Delta R.T.: -0.005 min
Response: 2746349
Conc: 20.73 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



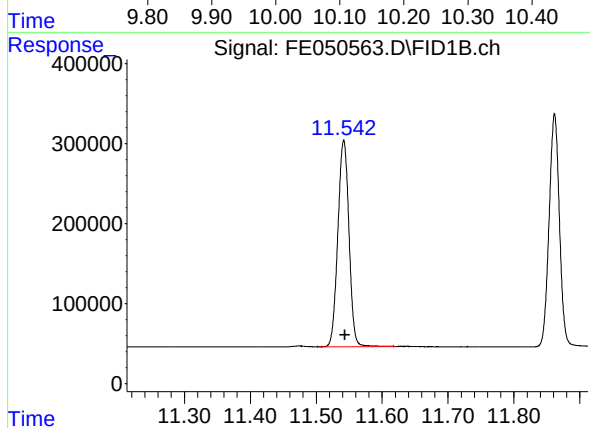
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.001 min
Response: 2910936
Conc: 20.35 ug/ml



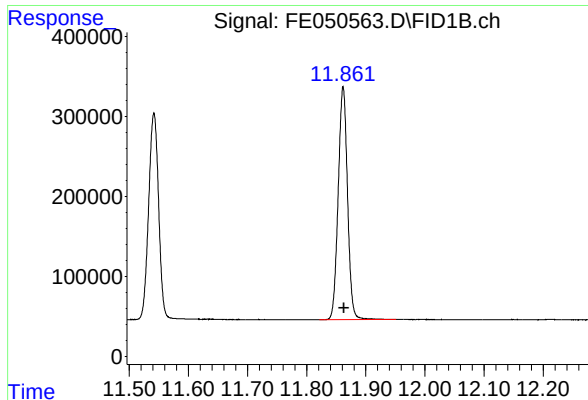
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.002 min
Response: 2997316
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

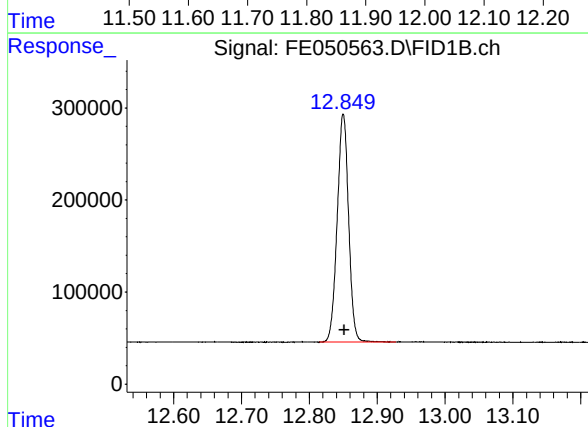
R.T.: 11.542 min
Delta R.T.: -0.002 min
Response: 3025829
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

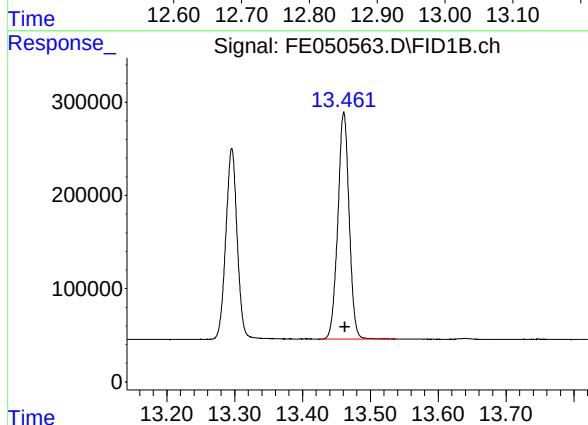
R.T.: 11.862 min
Delta R.T.: -0.002 min
Response: 3185062
Conc: 20.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



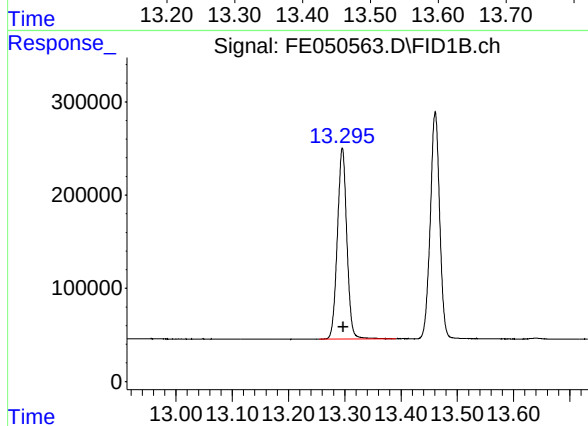
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.001 min
Response: 2890279
Conc: 20.16 ug/ml



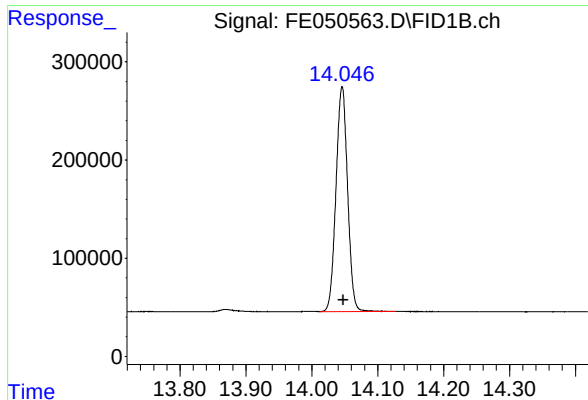
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.002 min
Response: 2829517
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

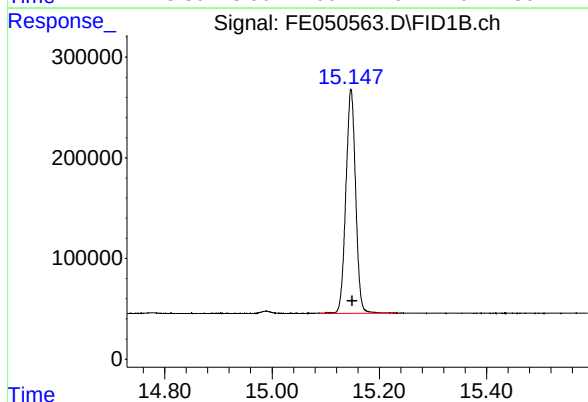
R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 2392674
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

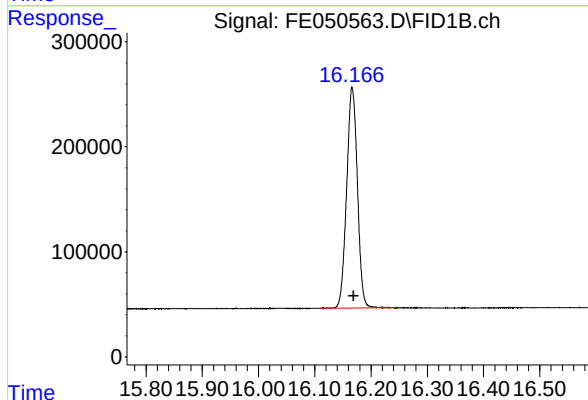
R.T.: 14.046 min
Delta R.T.: -0.002 min
Response: 2798434
Conc: 19.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



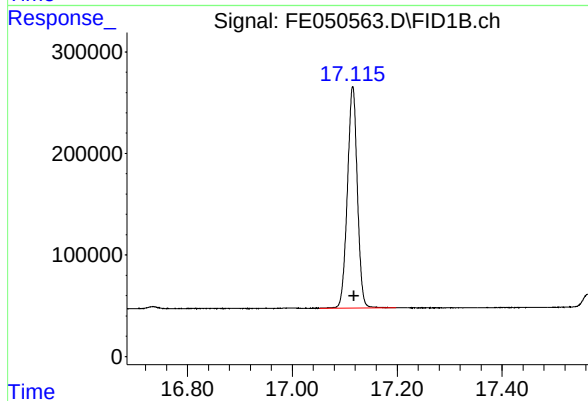
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.003 min
Response: 2796088
Conc: 19.79 ug/ml



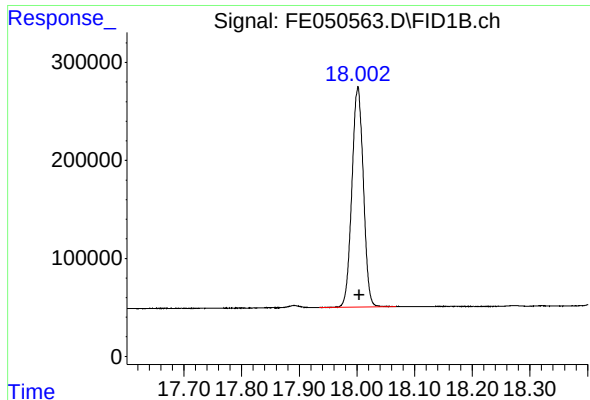
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.003 min
Response: 2795654
Conc: 19.87 ug/ml



#16 n-Octacosane (C28)

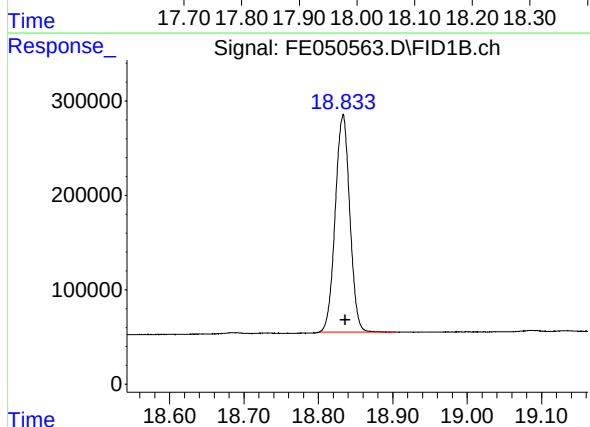
R.T.: 17.115 min
Delta R.T.: -0.002 min
Response: 2874762
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

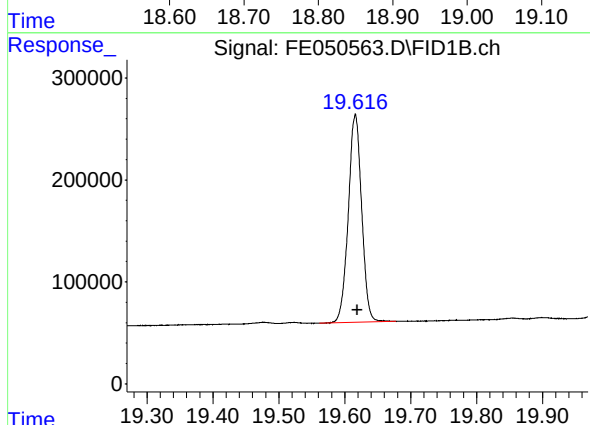
R.T.: 18.002 min
Delta R.T.: -0.003 min
Response: 3109236
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



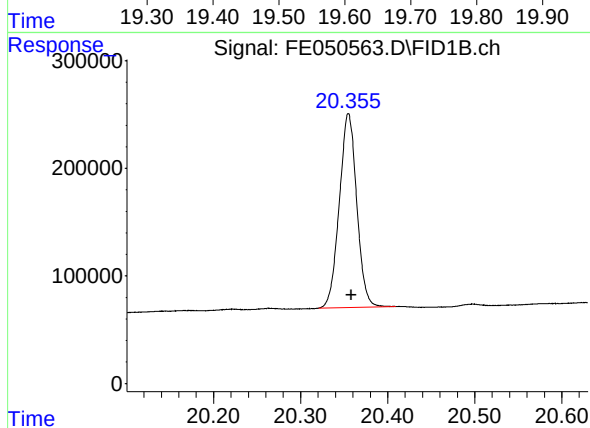
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.003 min
Response: 3138518
Conc: 19.36 ug/ml



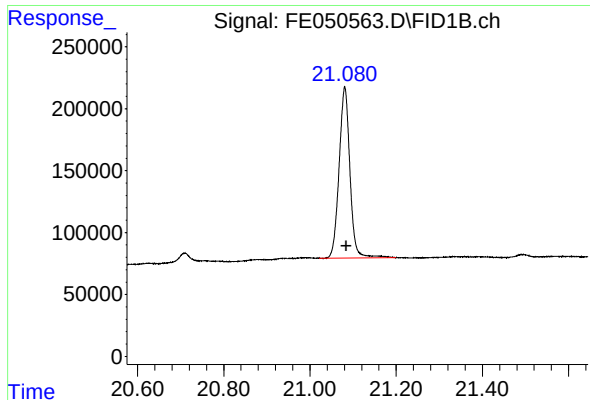
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.003 min
Response: 2873187
Conc: 19.56 ug/ml



#20 n-Hexatriacontane (C36)

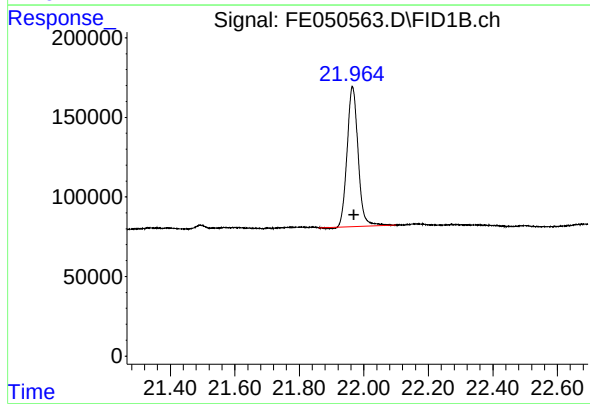
R.T.: 20.355 min
Delta R.T.: -0.003 min
Response: 2511443
Conc: 19.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.003 min
Response: 2403779
Conc: 19.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.004 min
Response: 2069881
Conc: 18.59 ug/ml