

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101422AL\
 Data File : FE038147.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2022 10:59
 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: sample.E
 Quant Time: Oct 14 12:17:45 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)	11.599	3062963	17.709 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
12) S 1-chlorooctadecane (S...	13.020	2426427	17.952 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
Target Compounds			
1) T n-Nonane (C9)	2.993	2720163	18.469 ug/ml
2) T n-Decane (C10)	4.251	2823944	19.100 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2653420	19.376 ug/ml
4) T n-Dodecane (C12)	6.424	2917879	19.149 ug/ml
5) T A~2-methylnaphthalene...	7.067	2588510	19.476 ug/ml
6) T n-Tetradecane (C14)	8.242	2948333	19.264 ug/ml
7) T n-Hexadecane (C16)	9.841	2982214	19.092 ug/ml
8) T n-Octadecane (C18)	11.275	3002112	18.716 ug/ml
10) T n-Eicosane (C20)	12.576	2970109	18.214 ug/ml
11) T n-Heneicosane (C21)	13.185	2928979	17.777 ug/ml
13) T n-Docosane (C22)	13.767	2970438	18.045 ug/ml
14) T n-Tetracosane (C24)	14.863	2896347	17.660 ug/ml
15) T n-Hexacosane (C26)	15.879	2823361	17.315 ug/ml
16) T n-Octacosane (C28)	16.824	2825765	17.639 ug/ml
17) T n-Tricontane (C30)	17.707	2955299	18.468 ug/ml
18) T n-Dotriacontane (C32)	18.534	2971984	18.873 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2790391	18.834 ug/ml
20) T n-Hexatriacontane (C36)	20.049	2700983	18.735 ug/ml
21) T n-Octatriacontane (C38)	20.746	2620891	19.314 ug/ml
22) T n-Tetracontane (C40)	21.511	2789888	21.917 ug/ml

(f)=RT Delta > 1/2 Window

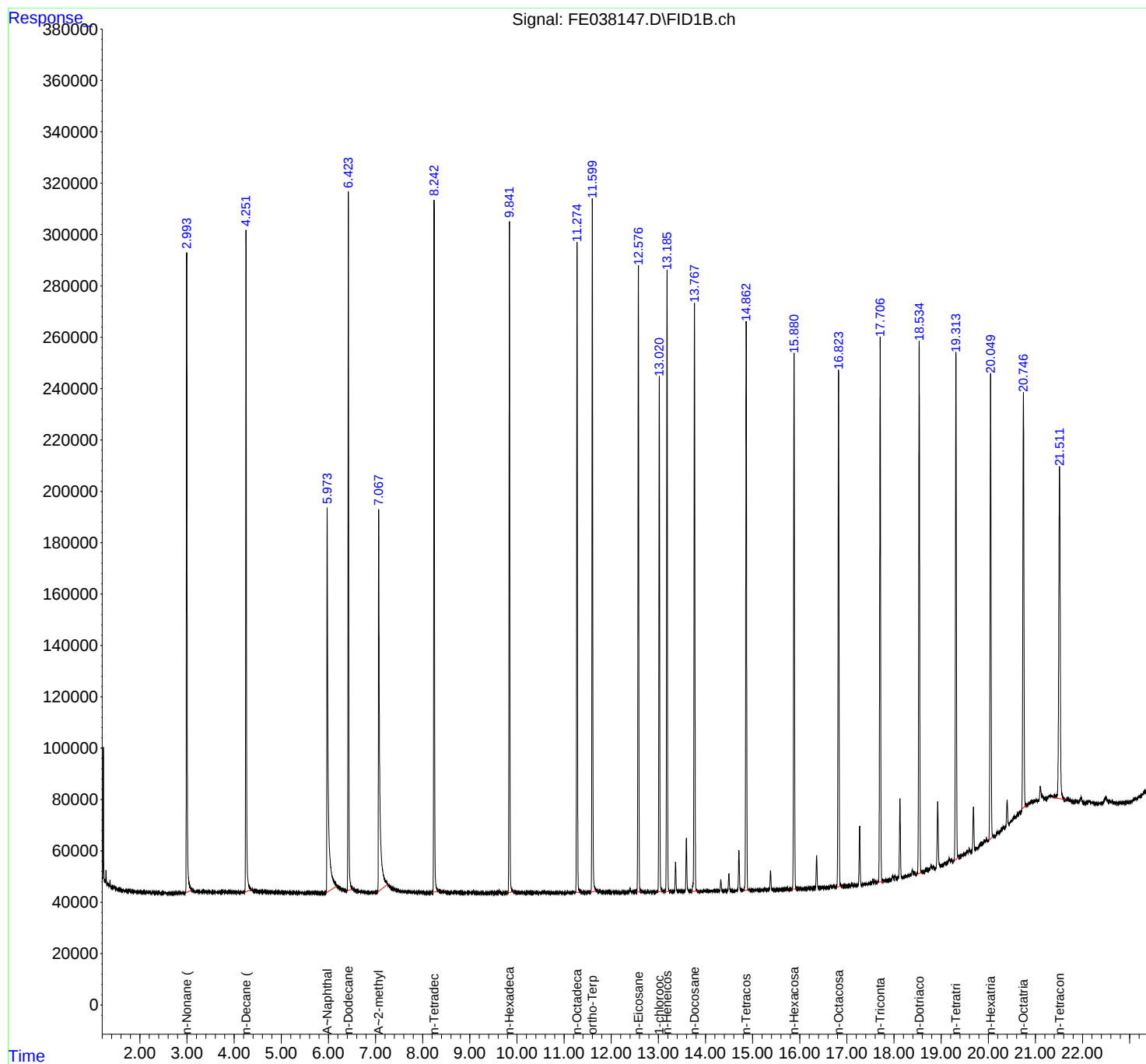
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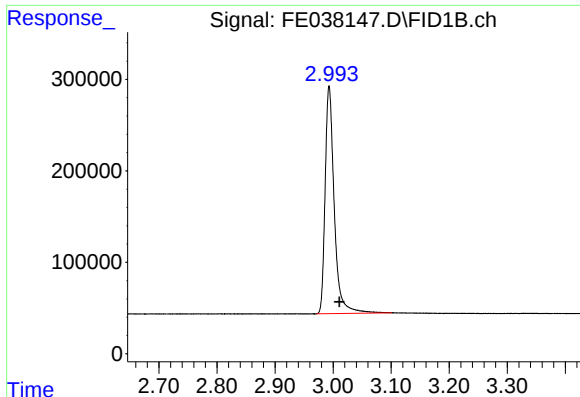
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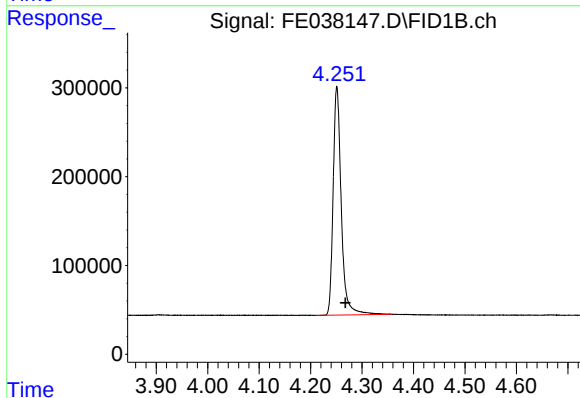




#1 n-Nonane (C9)

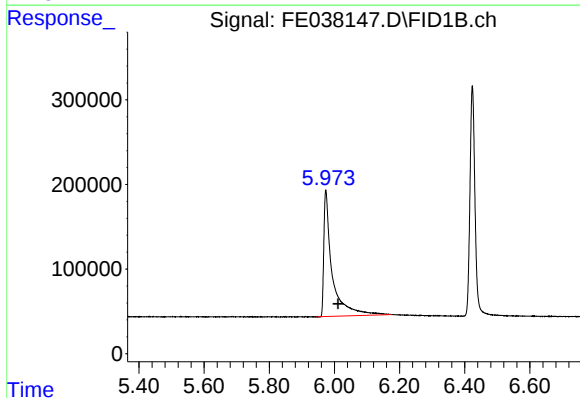
R.T.: 2.993 min
Delta R.T.: -0.018 min
Response: 2720163
Conc: 18.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



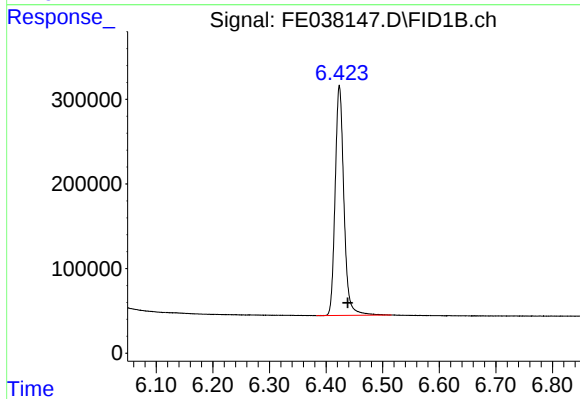
#2 n-Decane (C10)

R.T.: 4.251 min
Delta R.T.: -0.016 min
Response: 2823944
Conc: 19.10 ug/ml



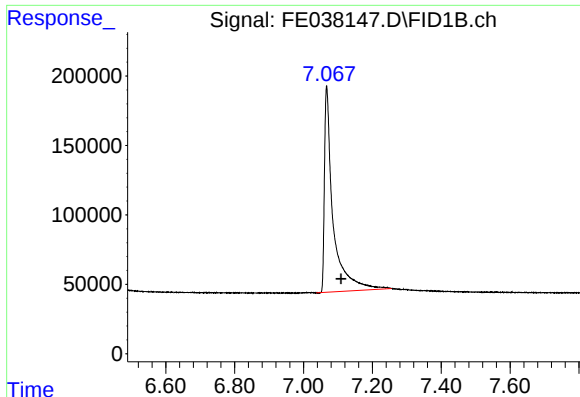
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.037 min
Response: 2653420
Conc: 19.38 ug/ml



#4 n-Dodecane (C12)

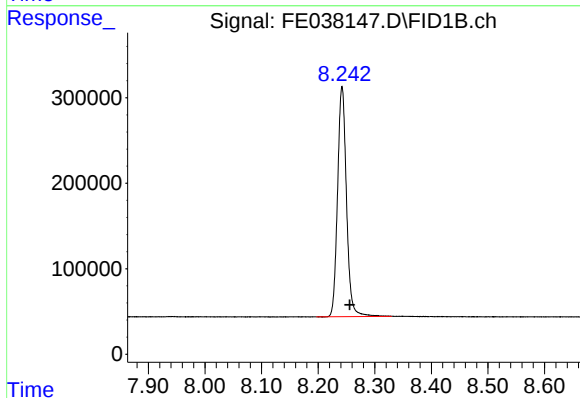
R.T.: 6.424 min
Delta R.T.: -0.015 min
Response: 2917879
Conc: 19.15 ug/ml



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

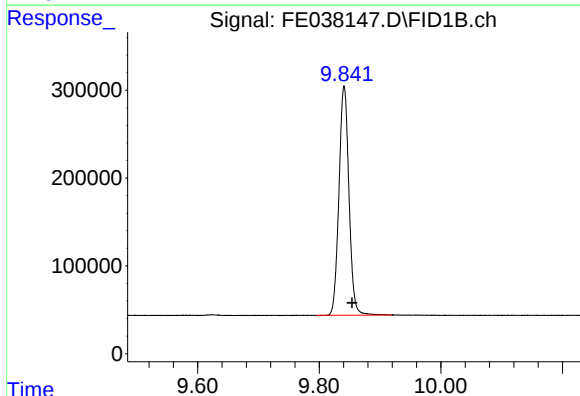
R.T.: 7.067 min
Delta R.T.: -0.042 min
Response: 2588510
Conc: 19.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



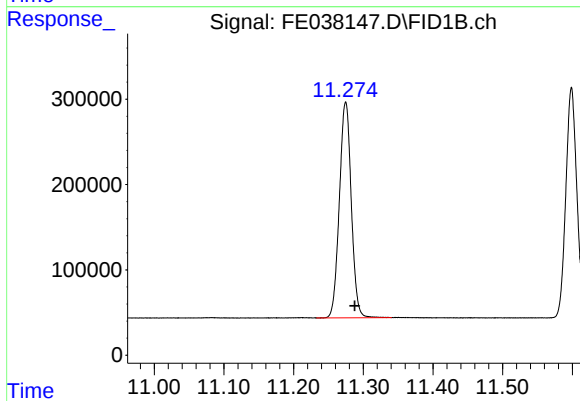
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.014 min
Response: 2948333
Conc: 19.26 ug/ml



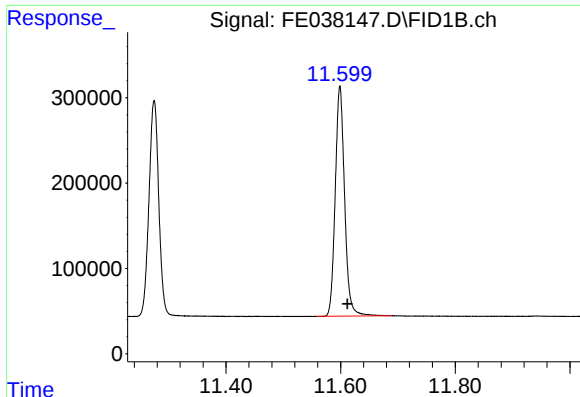
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.013 min
Response: 2982214
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

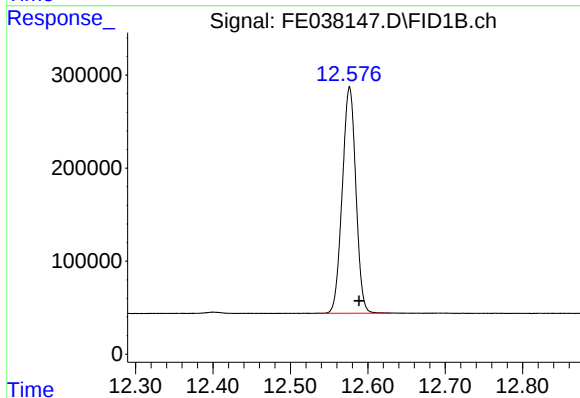
R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 3002112
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

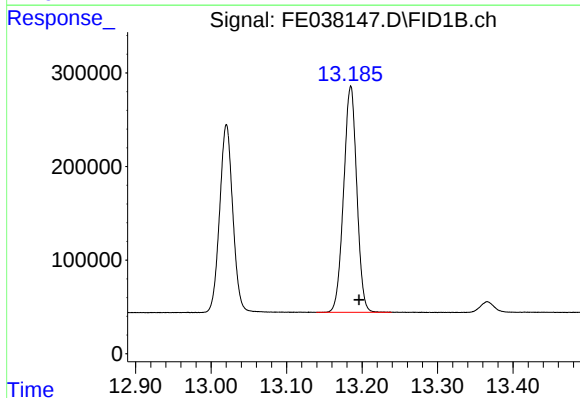
R.T.: 11.599 min
Delta R.T.: -0.013 min
Response: 3062963
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



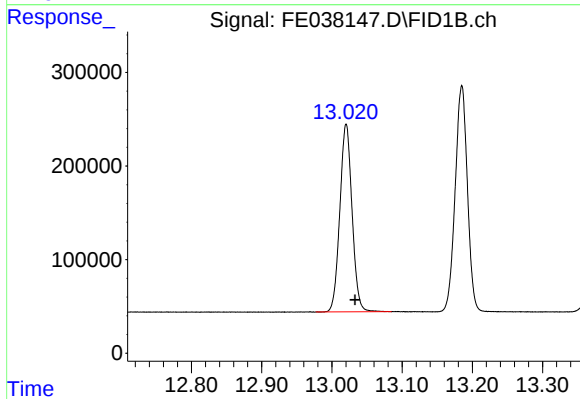
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.012 min
Response: 2970109
Conc: 18.21 ug/ml



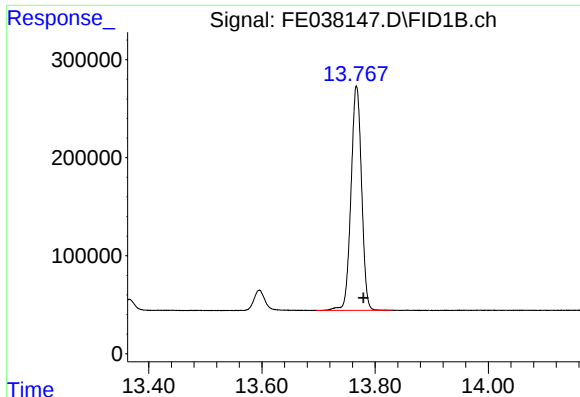
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.011 min
Response: 2928979
Conc: 17.78 ug/ml



#12 1-chlorooctadecane (SURR)

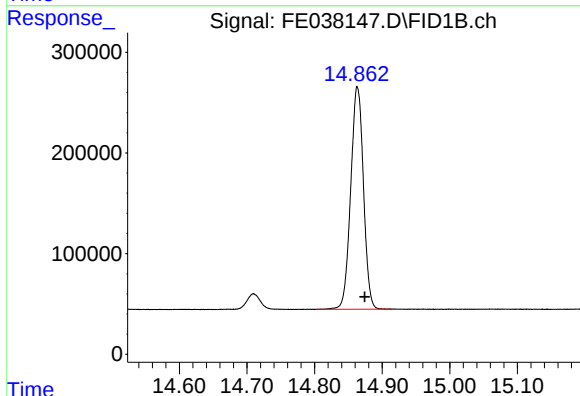
R.T.: 13.020 min
Delta R.T.: -0.013 min
Response: 2426427
Conc: 17.95 ug/ml



#13 n-Docosane (C22)

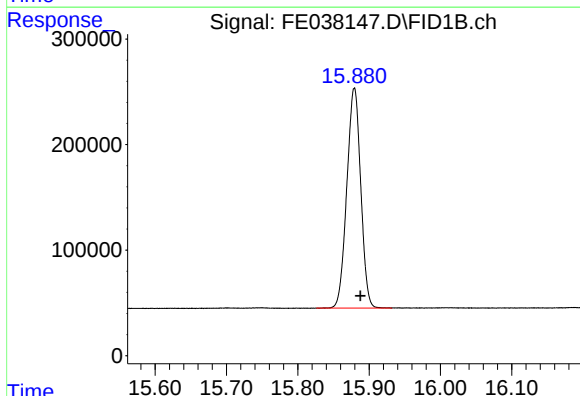
R.T.: 13.767 min
Delta R.T.: -0.012 min
Response: 2970438
Conc: 18.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



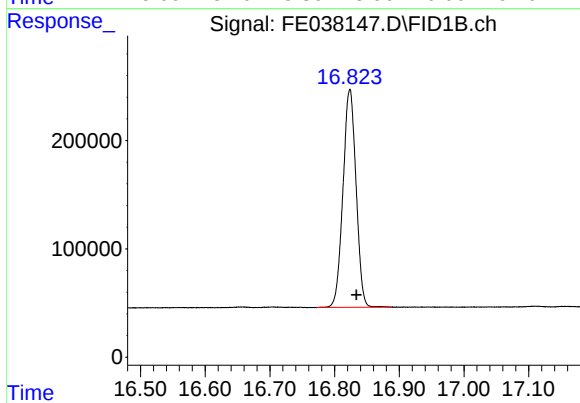
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.011 min
Response: 2896347
Conc: 17.66 ug/ml



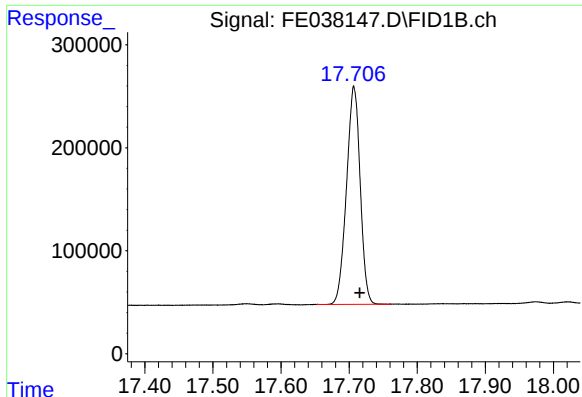
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.009 min
Response: 2823361
Conc: 17.31 ug/ml



#16 n-Octacosane (C28)

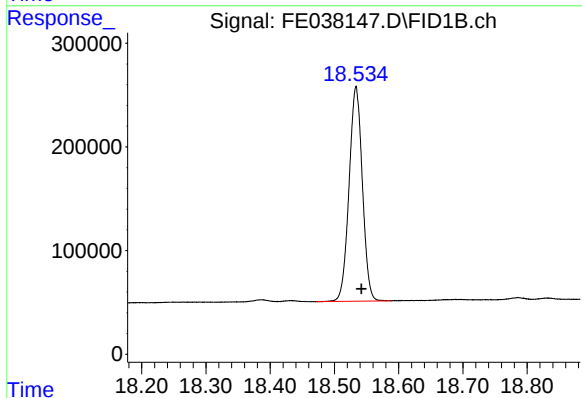
R.T.: 16.824 min
Delta R.T.: -0.010 min
Response: 2825765
Conc: 17.64 ug/ml



#17 n-Tricontane (C30)

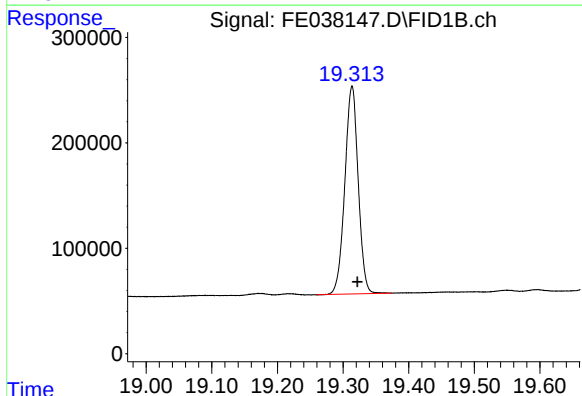
R.T.: 17.707 min
Delta R.T.: -0.008 min
Response: 2955299
Conc: 18.47 ug/ml

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FID_E
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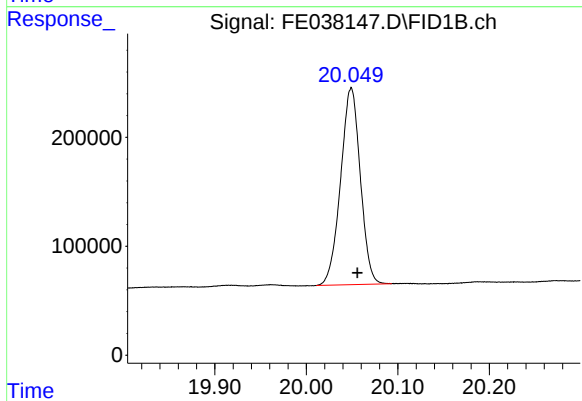
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.009 min
Response: 2971984
Conc: 18.87 ug/ml



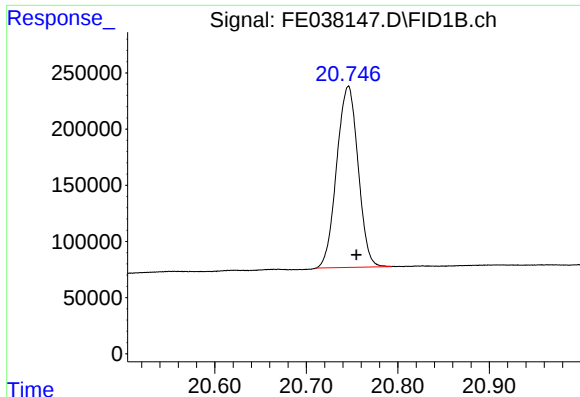
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.008 min
Response: 2790391
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

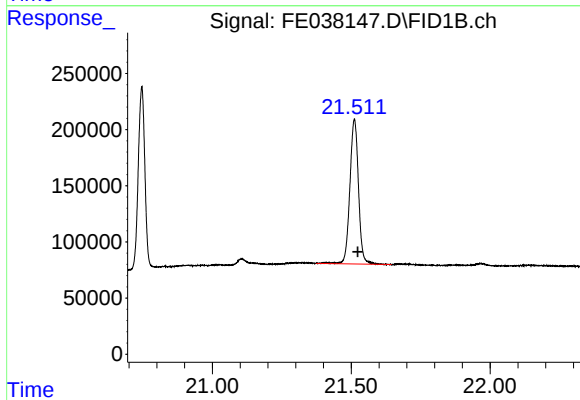
R.T.: 20.049 min
Delta R.T.: -0.007 min
Response: 2700983
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: -0.009 min
Response: 2620891
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: -0.012 min
Response: 2789888
Conc: 21.92 ug/ml