

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037546.D
 Signal(s) : FID1B.ch
 Acq On : 14 Sep 2022 15:00
 Operator : YP\AJ
 Sample : PB147627BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147627BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:48:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.634	7561051	44.742 ug/ml
Spiked Amount 50.000		Recovery =	89.48%
12) S 1-chlorooctadecane (S...	13.057	6172662	47.962 ug/ml
Spiked Amount 50.000		Recovery =	95.92%
Target Compounds			
1) T n-Nonane (C9)	3.040	6955176	45.457 ug/ml
2) T n-Decane (C10)	4.292	7323102	47.498 ug/ml
3) T A~Naphthalene (C11.7)	6.000	8068218	56.002 ug/ml
4) T n-Dodecane (C12)	6.459	8197542	51.840 ug/ml
5) T A~2-methylnaphthalene...	7.092	8148413	58.364 ug/ml
6) T n-Tetradecane (C14)	9.876	8668384	54.706 ug/ml
7) T n-Hexadecane (C16)	9.876	8668384	54.706 ug/ml
8) T n-Octadecane (C18)	11.313	8699764	54.632 ug/ml
10) T n-Eicosane (C20)	12.615	8348623	52.766 ug/ml
11) T n-Heneicosane (C21)	13.223	8214926	52.096 ug/ml
13) T n-Docosane (C22)	13.806	8064270	51.804 ug/ml
14) T n-Tetracosane (C24)	14.904	15417631	102.508 ug/ml
15) T n-Hexacosane (C26)	15.921	7602146	52.500 ug/ml
16) T n-Octacosane (C28)	16.862	7825033	56.483 ug/ml
17) T n-Tricontane (C30)	17.749	7342848	53.979 ug/ml
18) T n-Dotriacontane (C32)	18.575	7481740	56.029 ug/ml
19) T n-Tetratriacontane (C34)	19.354	7473215	59.064 ug/ml
20) T n-Hexatriacontane (C36)	20.090	7332839	57.014 ug/mlm
21) T n-Octatriacontane (C38)	20.788	7402447	59.477 ug/ml
22) T n-Tetracontane (C40)	21.569	7987283	61.958 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

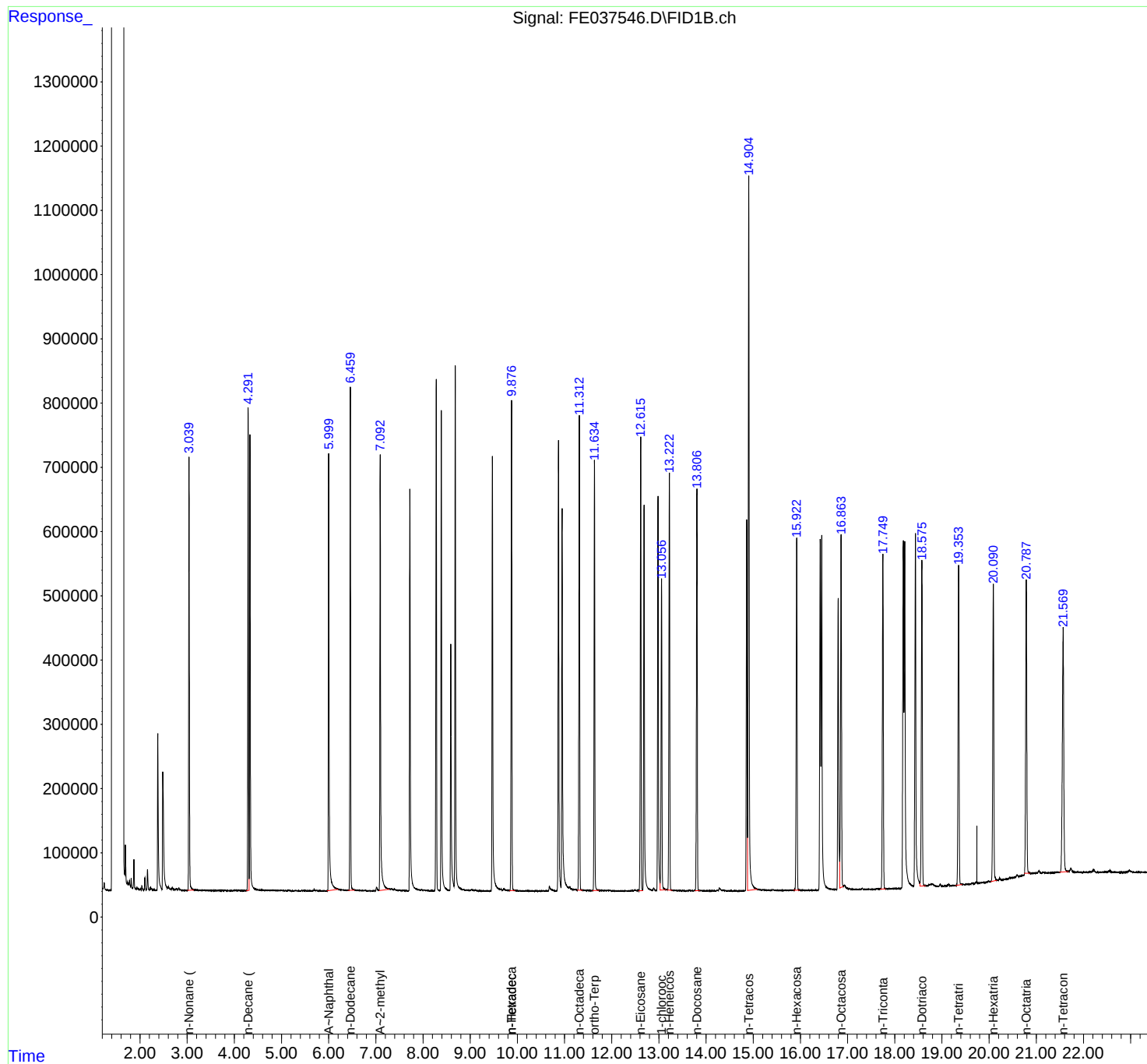
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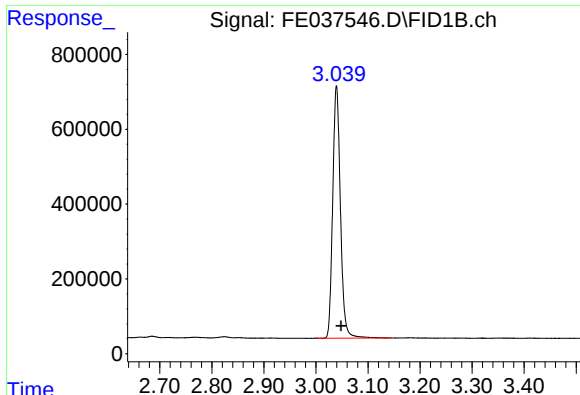
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.040 min
Delta R.T.: -0.008 min
Response: 6955176
Conc: 45.46 ug/ml

Instrument :

FID_E

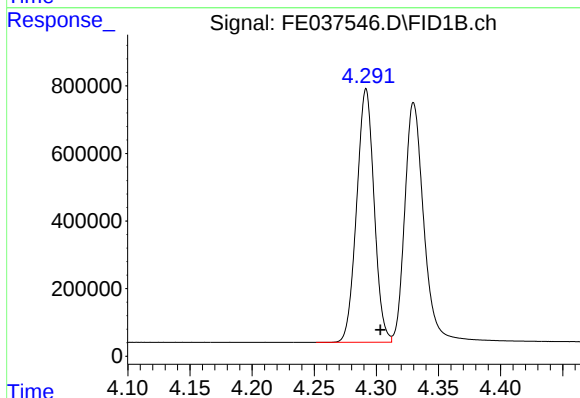
ClientSampleId :

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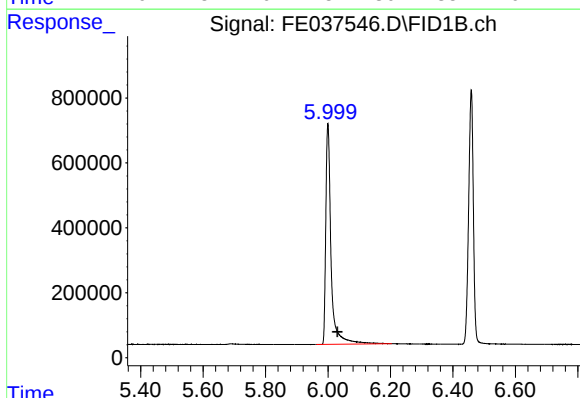
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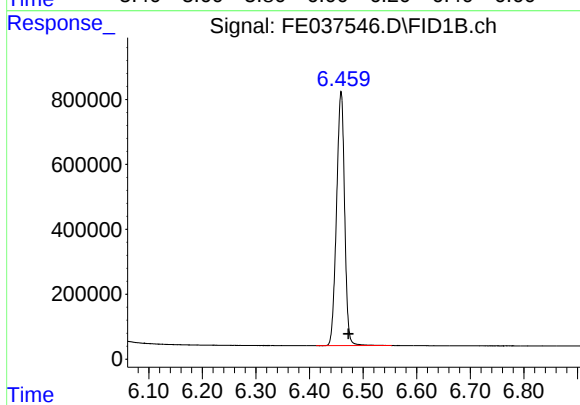
#2 n-Decane (C10)

R.T.: 4.292 min
Delta R.T.: -0.011 min
Response: 7323102
Conc: 47.50 ug/ml



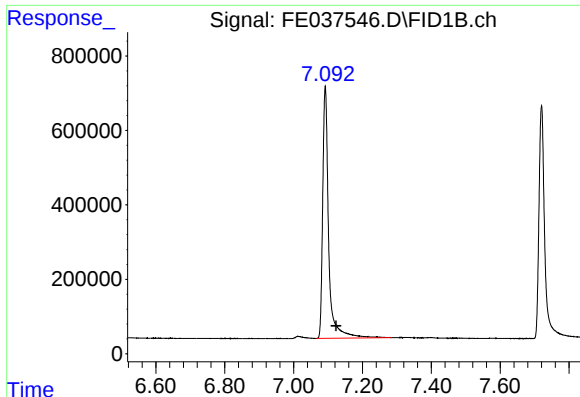
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.031 min
Response: 8068218
Conc: 56.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.459 min
Delta R.T.: -0.013 min
Response: 8197542
Conc: 51.84 ug/ml



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

R.T.: 7.092 min
Delta R.T.: -0.031 min
Response: 8148413
Conc: 58.36 ug/ml

Instrument :

FID_E

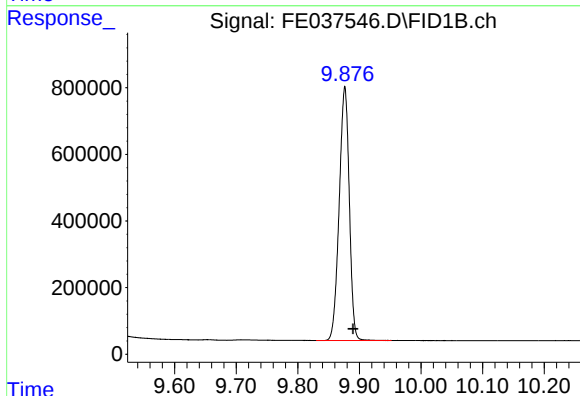
ClientSampleId :

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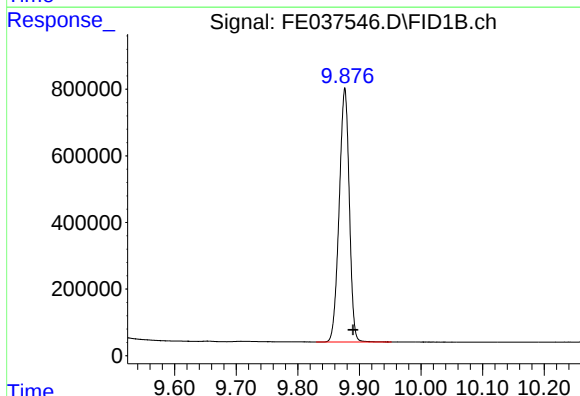
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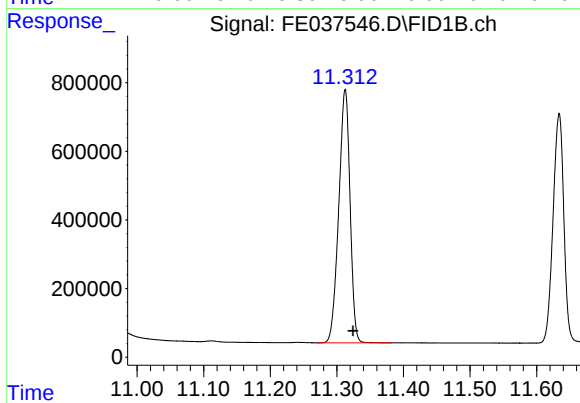
#6 n-Tetradecane (C14)

R.T.: 9.876 min
Delta R.T.: -0.013 min
Response: 8668384
Conc: 54.71 ug/ml



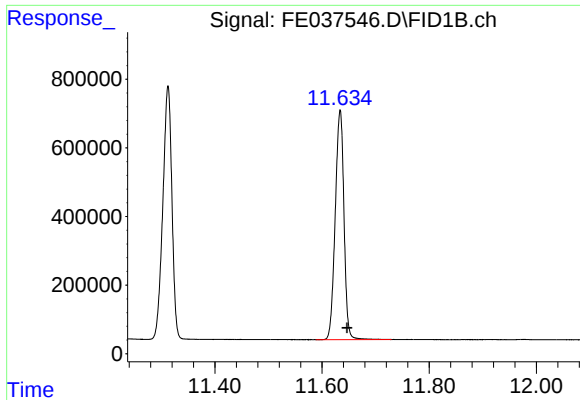
#7 n-Hexadecane (C16)

R.T.: 9.876 min
Delta R.T.: -0.013 min
Response: 8668384
Conc: 54.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.313 min
Delta R.T.: -0.012 min
Response: 8699764
Conc: 54.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.634 min
Delta R.T.: -0.013 min
Response: 7561051
Conc: 44.74 ug/ml

Instrument :

FID_E

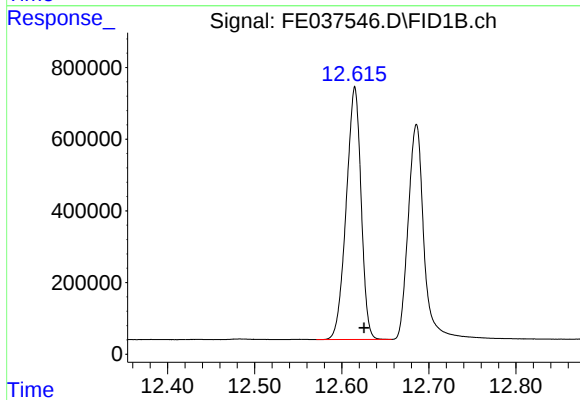
ClientSampleId :

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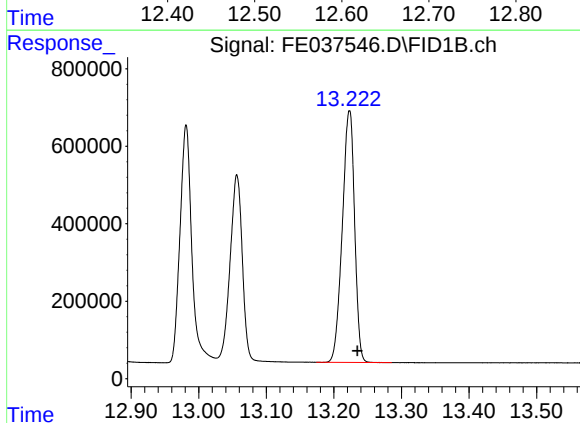
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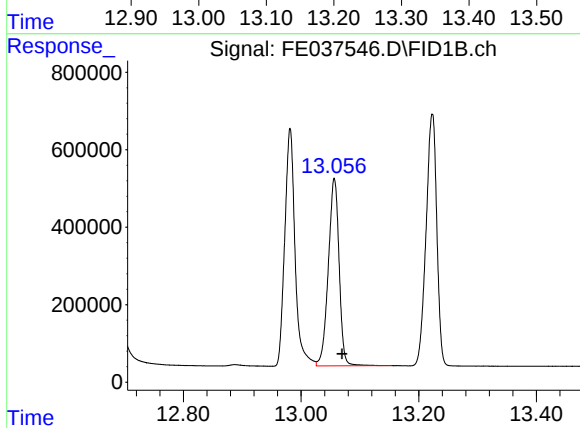
#10 n-Eicosane (C20)

R.T.: 12.615 min
Delta R.T.: -0.010 min
Response: 8348623
Conc: 52.77 ug/ml



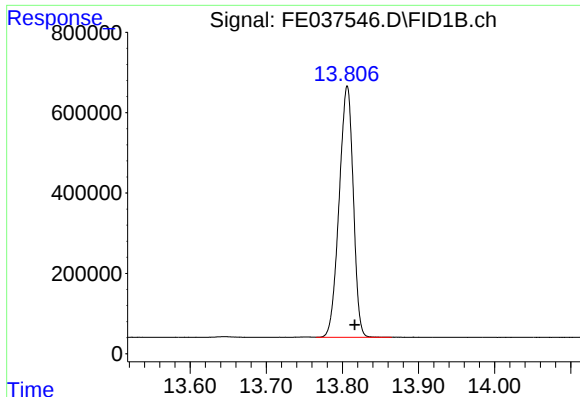
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: -0.012 min
Response: 8214926
Conc: 52.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.057 min
Delta R.T.: -0.013 min
Response: 6172662
Conc: 47.96 ug/ml



#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: -0.010 min
Response: 8064270
Conc: 51.80 ug/ml

Instrument :

FID_E

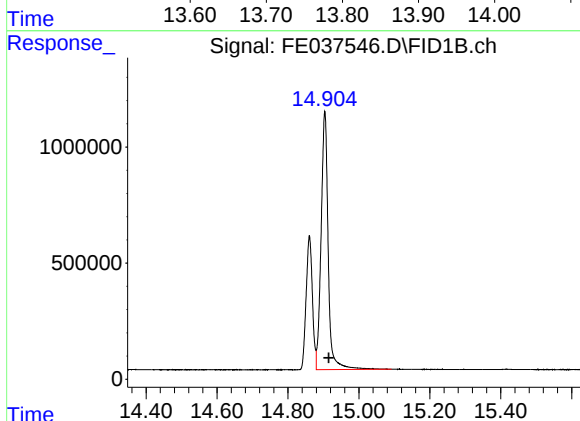
ClientSampleId :

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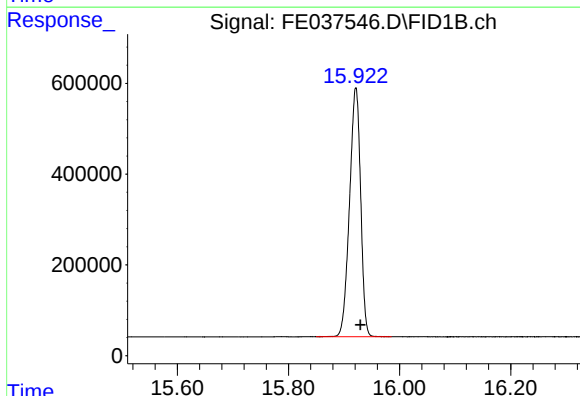
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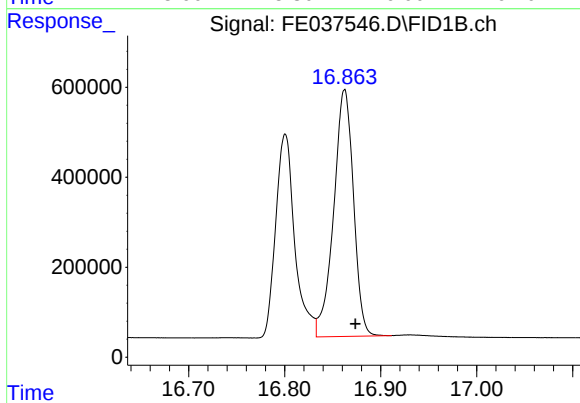
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: -0.011 min
Response: 15417631
Conc: 102.51 ug/ml



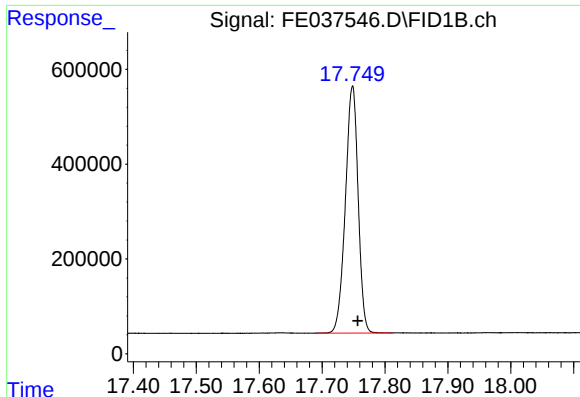
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: -0.008 min
Response: 7602146
Conc: 52.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.862 min
Delta R.T.: -0.011 min
Response: 7825033
Conc: 56.48 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.749 min
Delta R.T.: -0.008 min
Response: 7342848
Conc: 53.98 ug/ml

Instrument :

FID_E

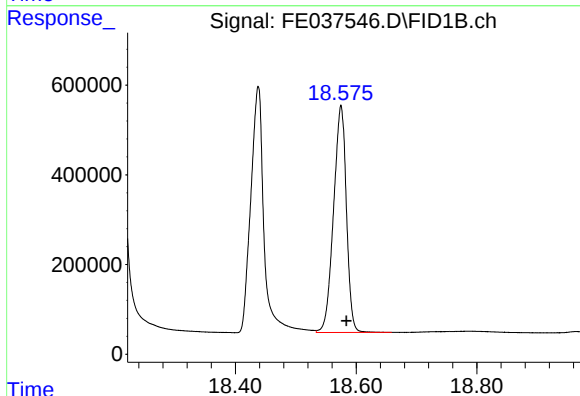
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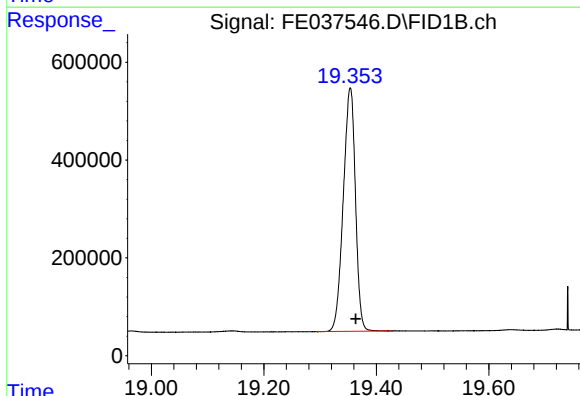
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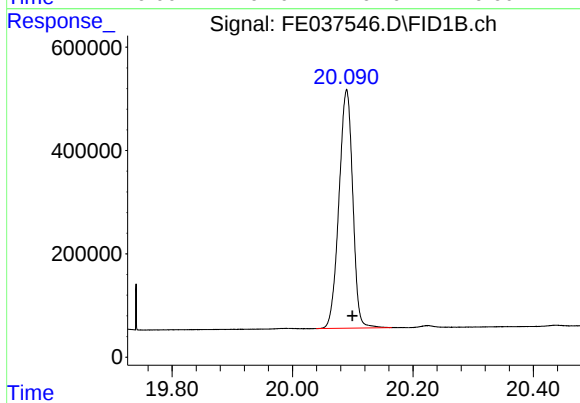
#18 n-Dotriacontane (C32)

R.T.: 18.575 min
Delta R.T.: -0.009 min
Response: 7481740
Conc: 56.03 ug/ml



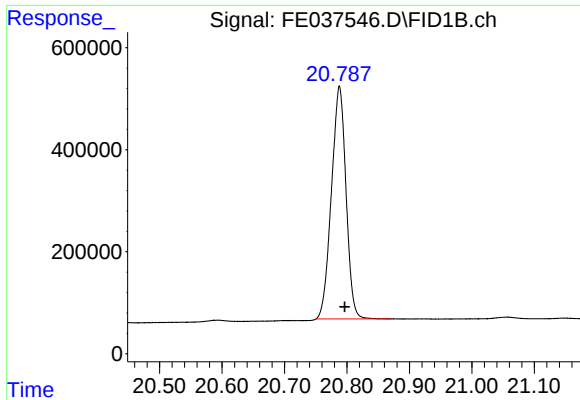
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.010 min
Response: 7473215
Conc: 59.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: -0.010 min
Response: 7332839
Conc: 57.01 ug/ml m



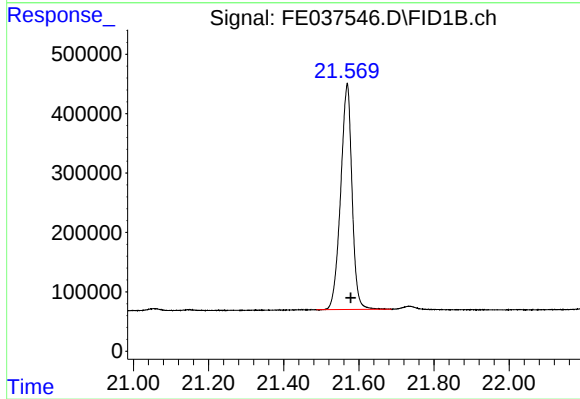
#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: -0.009 min
Response: 7402447
Conc: 59.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.009 min
Response: 7987283
Conc: 61.96 ug/ml