

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032923AL\
 Data File : FE041084.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2023 20:56
 Operator : YP\AJ
 Sample : 02118-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

5MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2023

Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e

Quant Time: Mar 30 01:46:10 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.855	5340901	28.418 ug/ml
Spiked Amount 50.000		Recovery =	56.84%
12) S 1-chlorooctadecane (S...	13.293	4216344	29.305 ug/ml
Spiked Amount 50.000		Recovery =	58.61%
Target Compounds			
1) T n-Nonane (C9)	3.275	7769912	44.780 ug/ml
2) T n-Decane (C10)	4.512	8025614	47.149 ug/ml
3) T A~Naphthalene (C11.7)	6.205	8508111	46.515 ug/ml
4) T n-Dodecane (C12)	6.667	8244371	47.529 ug/ml
5) T A~2-methylnaphthalene...	7.298	7871787	47.531 ug/ml
6) T n-Tetradecane (C14)	8.493	8144836	46.711 ug/ml
7) T n-Hexadecane (C16)	10.099	8168394	45.928 ug/ml
8) T n-Octadecane (C18)	11.540	7947756	44.512 ug/ml
10) T n-Eicosane (C20)	12.851	7769778	45.551 ug/ml
11) T n-Heneicosane (C21)	13.462	7376185	43.598 ug/ml
13) T n-Docosane (C22)	14.048	7262374	43.885 ug/ml
14) T n-Tetracosane (C24)	15.147	14348668	88.689 ug/ml
15) T n-Hexacosane (C26)	16.176	7006604	45.199 ug/ml
16) T n-Octacosane (C28)	17.125	7002389	45.713 ug/ml
17) T n-Tricontane (C30)	18.017	6969332	45.594 ug/ml
18) T n-Dotriacontane (C32)	18.848	6954485	44.543 ug/ml
19) T n-Tetratriacontane (C34)	19.634	6833406	44.095 ug/ml
20) T n-Hexatriacontane (C36)	20.374	6949446	45.751 ug/ml
21) T n-Octatriacontane (C38)	21.102	7082603	45.338 ug/mlm
22) T n-Tetracontane (C40)	21.986	7474685	46.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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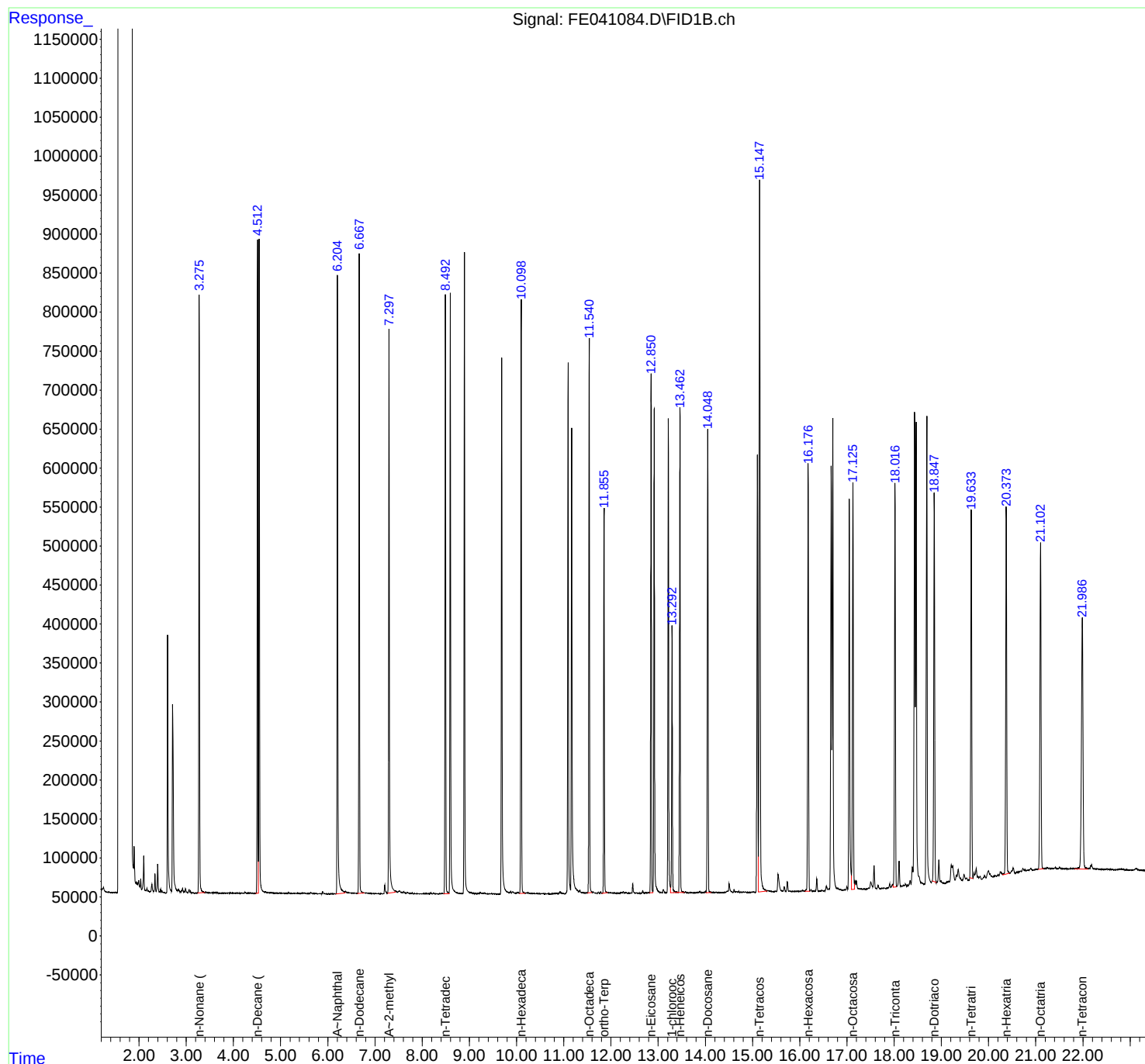
Instrument :
FID_E
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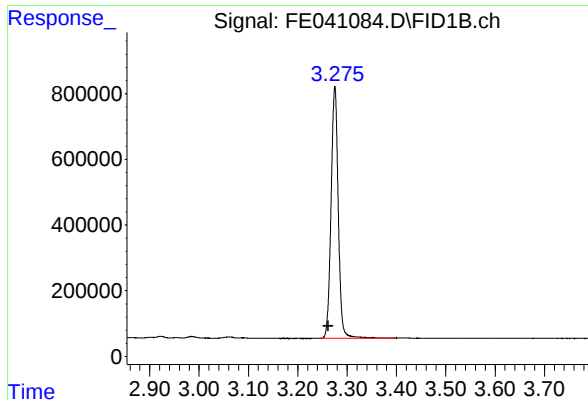
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: 0.013 min
Response: 7769912
Conc: 44.78 ug/ml

Instrument :

FID_E

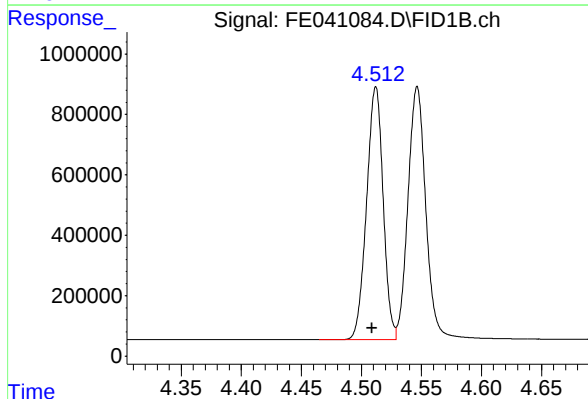
ClientSampleId :

SMS

Manual Integrations

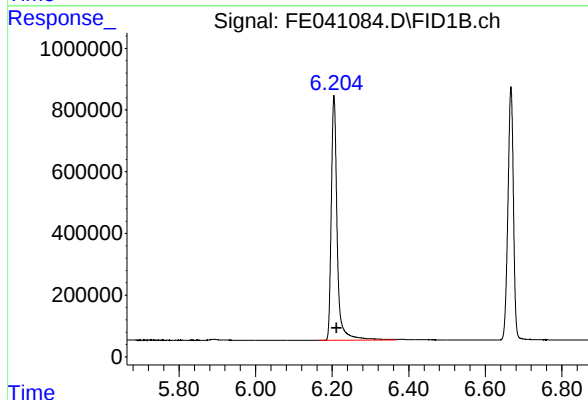
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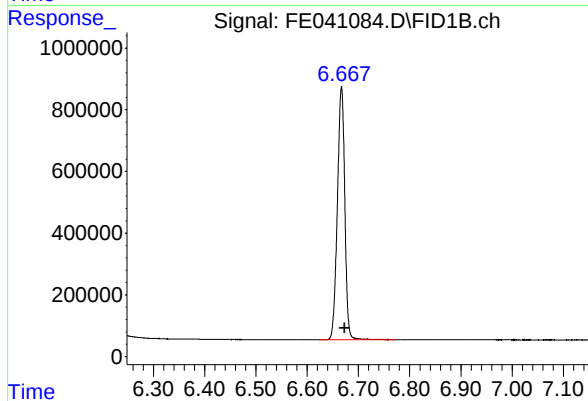
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: 0.003 min
Response: 8025614
Conc: 47.15 ug/ml



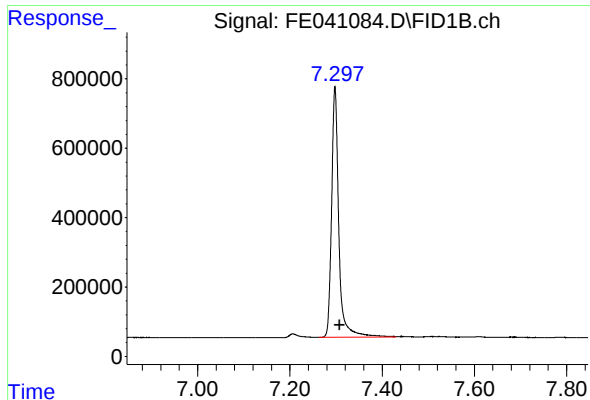
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.007 min
Response: 8508111
Conc: 46.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.006 min
Response: 8244371
Conc: 47.53 ug/ml



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

R.T.: 7.298 min
Delta R.T.: -0.010 min
Response: 7871787
Conc: 47.53 ug/ml

Instrument :

FID_E

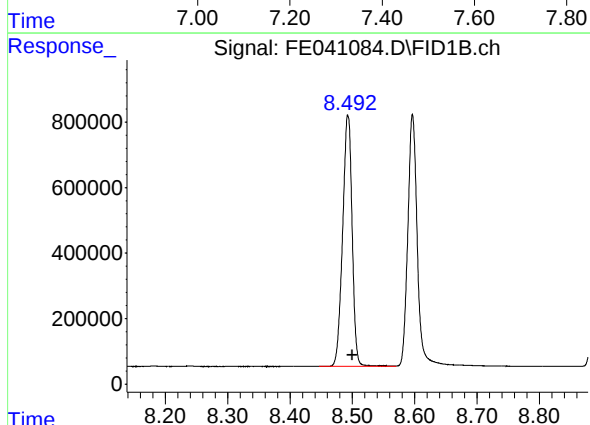
ClientSampleId :

SMS

Manual Integrations

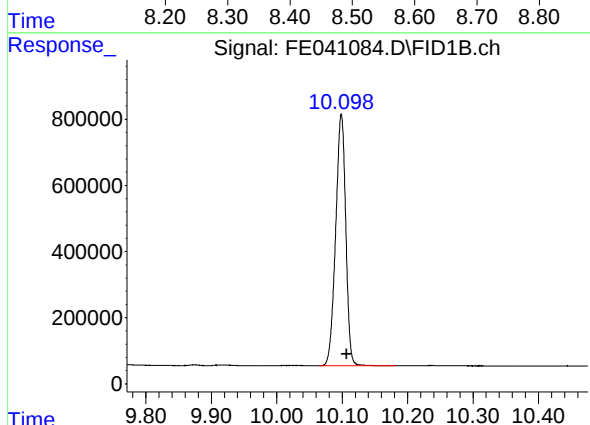
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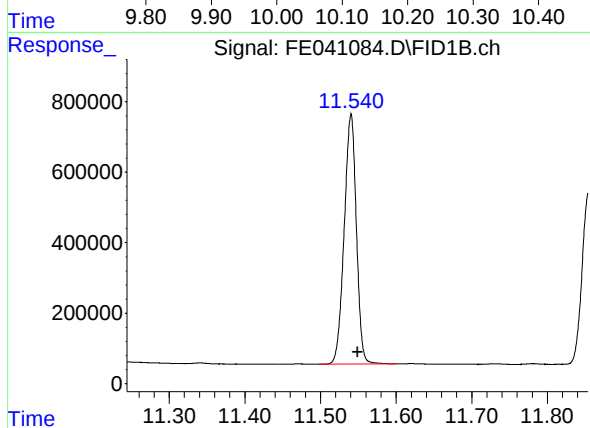
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 8144836
Conc: 46.71 ug/ml



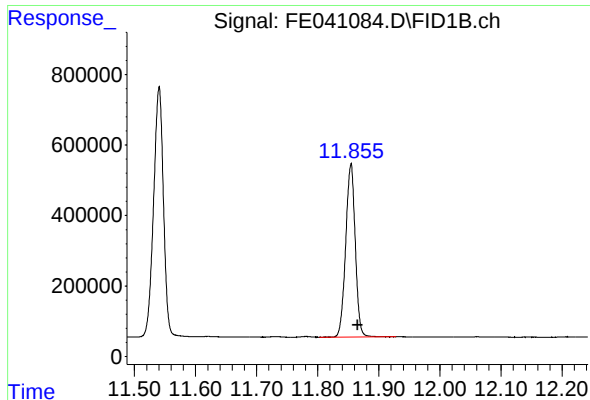
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.008 min
Response: 8168394
Conc: 45.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: -0.009 min
Response: 7947756
Conc: 44.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.011 min
Response: 5340901
Conc: 28.42 ug/ml

Instrument :

FID_E

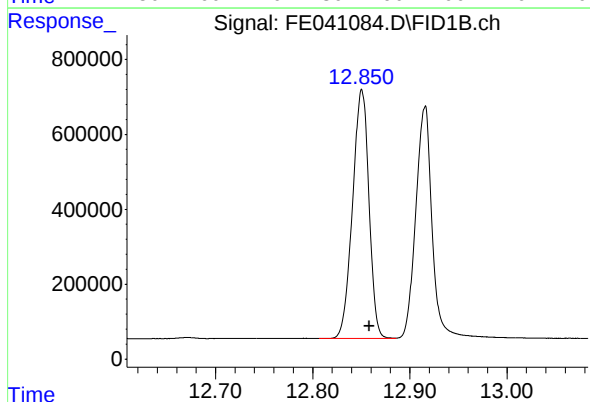
ClientSampleId :

SMS

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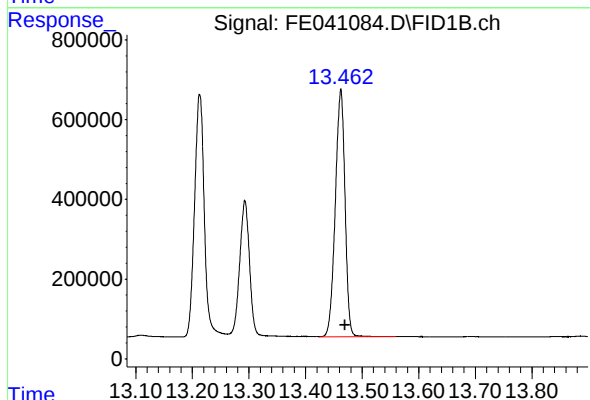
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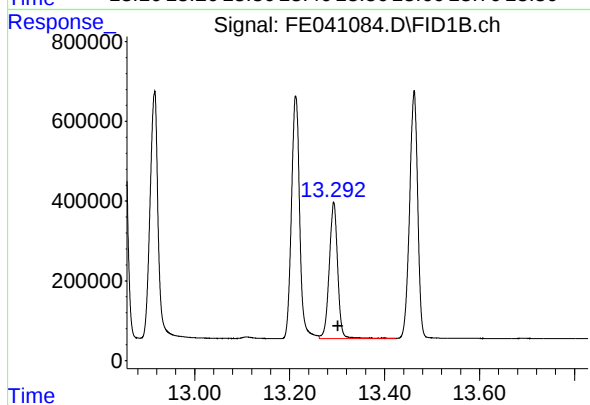
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.008 min
Response: 7769778
Conc: 45.55 ug/ml



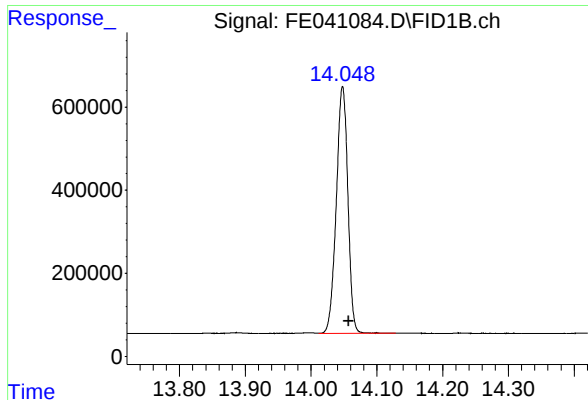
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.007 min
Response: 7376185
Conc: 43.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.009 min
Response: 4216344
Conc: 29.30 ug/ml



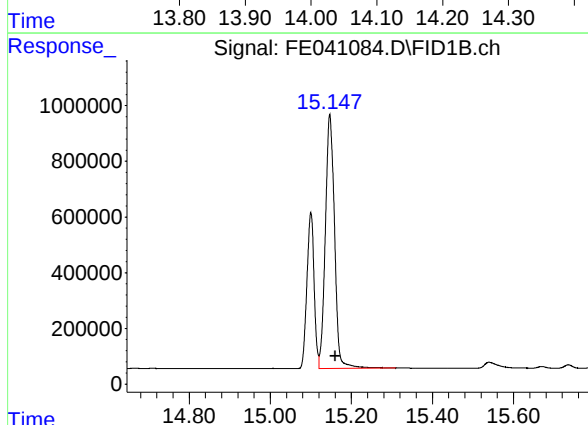
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: -0.009 min
Response: 7262374
Conc: 43.89 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS

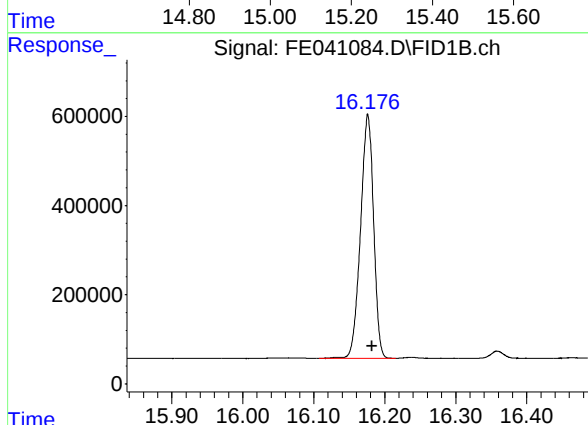
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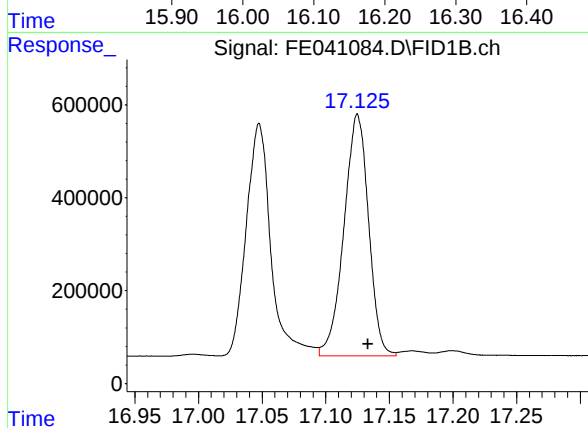
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.014 min
Response: 14348668
Conc: 88.69 ug/ml



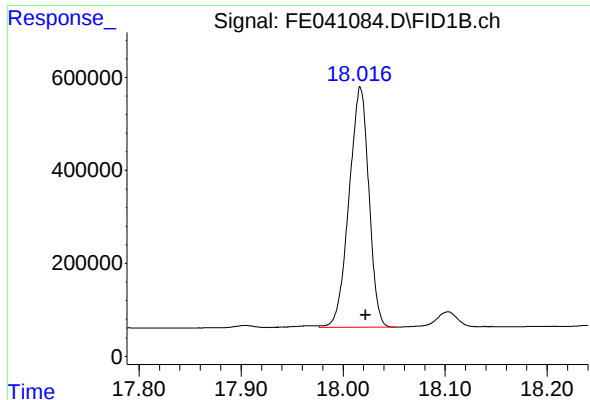
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: -0.006 min
Response: 7006604
Conc: 45.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.008 min
Response: 7002389
Conc: 45.71 ug/ml



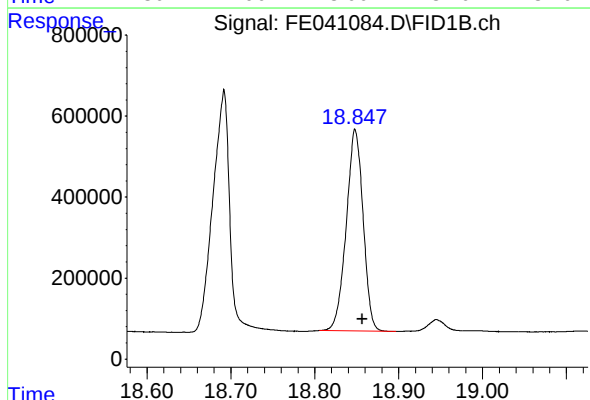
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: -0.005 min
Response: 6969332
Conc: 45.59 ug/ml

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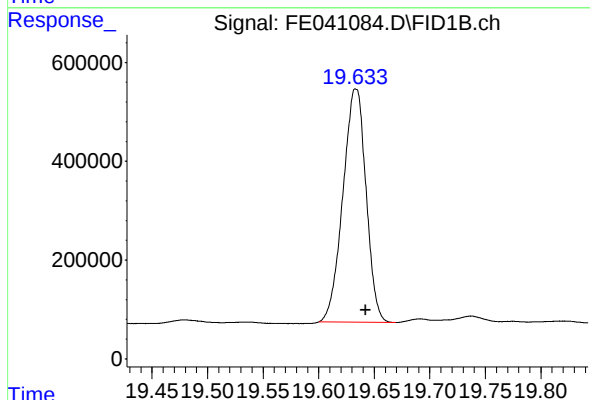
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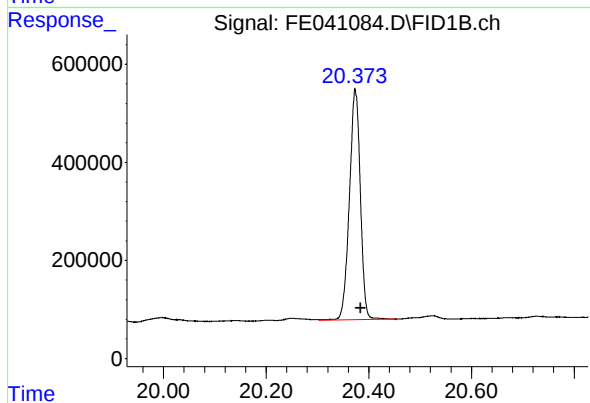
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.009 min
Response: 6954485
Conc: 44.54 ug/ml



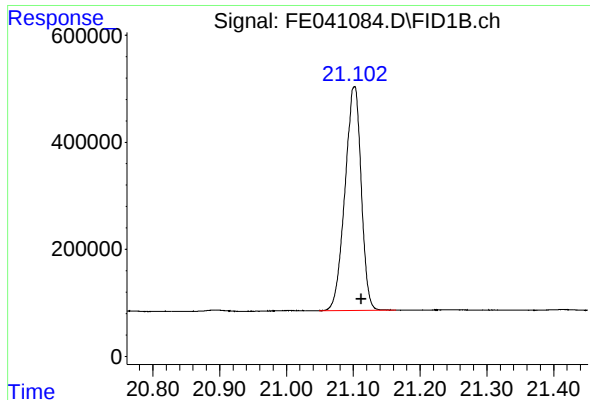
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.009 min
Response: 6833406
Conc: 44.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.010 min
Response: 6949446
Conc: 45.75 ug/ml



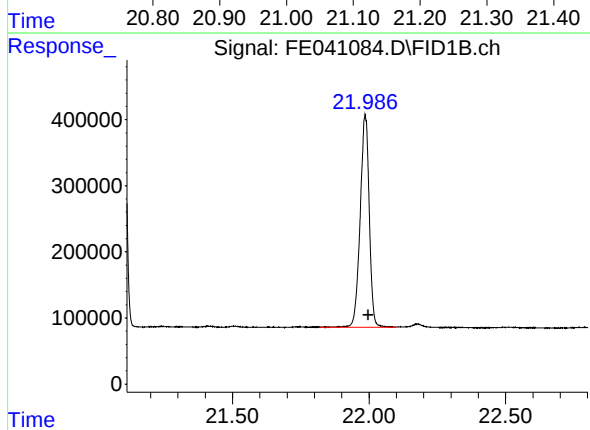
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.010 min
Response: 7082603
Conc: 45.34 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.012 min
Response: 7474685
Conc: 46.83 ug/ml