

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041158.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 15:25
 Operator : YP\AJ
 Sample : PB151888BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151888BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/05/2023

Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e

Quant Time: Apr 04 23:52:39 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)	11.854	6534271	34.768 ug/ml
Spiked Amount 50.000		Recovery =	69.54%
12) S 1-chlorooctadecane (S...	13.292	5376106	37.365 ug/ml
Spiked Amount 50.000		Recovery =	74.73%
Target Compounds			
1) T n-Nonane (C9)	3.257	6069161	34.978 ug/ml
2) T n-Decane (C10)	4.502	6293742	36.975 ug/ml
3) T A~Naphthalene (C11.7)	6.199	6843126	37.413 ug/ml
4) T n-Dodecane (C12)	6.662	6630648	38.226 ug/ml
5) T A~2-methylnaphthalene...	7.294	6542054	39.502 ug/ml
6) T n-Tetradecane (C14)	8.490	6620566	37.970 ug/ml
7) T n-Hexadecane (C16)	10.096	6804052	38.257 ug/ml
8) T n-Octadecane (C18)	11.540	6728446	37.683 ug/ml
10) T n-Eicosane (C20)	12.849	6618392	38.801 ug/ml
11) T n-Heneicosane (C21)	13.461	6285945	37.154 ug/ml
13) T n-Docosane (C22)	14.047	6199013	37.460 ug/ml
14) T n-Tetracosane (C24)	15.146	11943459	73.822 ug/ml
15) T n-Hexacosane (C26)	16.174	5881694	37.943 ug/ml
16) T n-Octacosane (C28)	17.124	5935249	38.747 ug/ml
17) T n-Tricontane (C30)	18.015	5839556	38.203 ug/ml
18) T n-Dotriacontane (C32)	18.848	5773831	36.981 ug/ml
19) T n-Tetratriacontane (C34)	19.631	5968088	38.512 ug/mlm
20) T n-Hexatriacontane (C36)	20.375	5765292	37.955 ug/ml
21) T n-Octatriacontane (C38)	21.100	5902952	37.787 ug/mlm
22) T n-Tetracontane (C40)	21.987	6110877	38.288 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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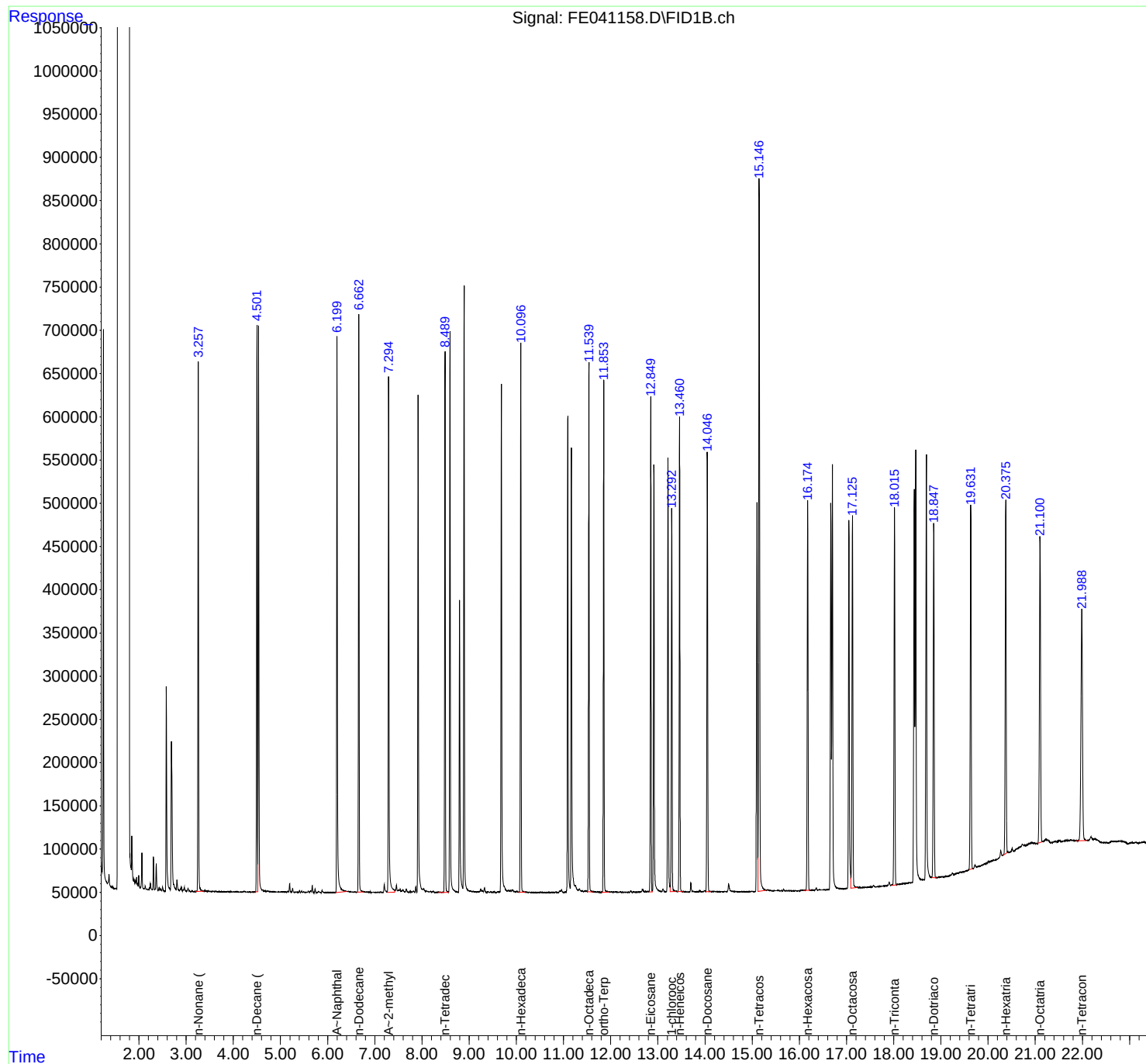
Response via : Initial Calibration

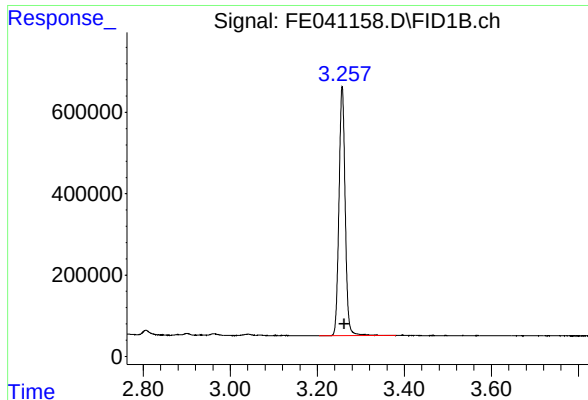
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





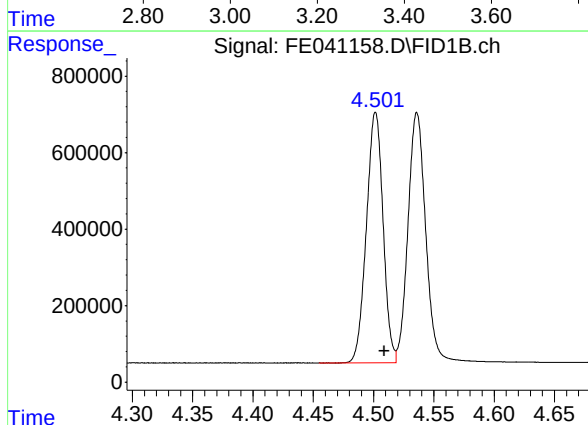
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.005 min
Response: 6069161
Conc: 34.98 ug/ml

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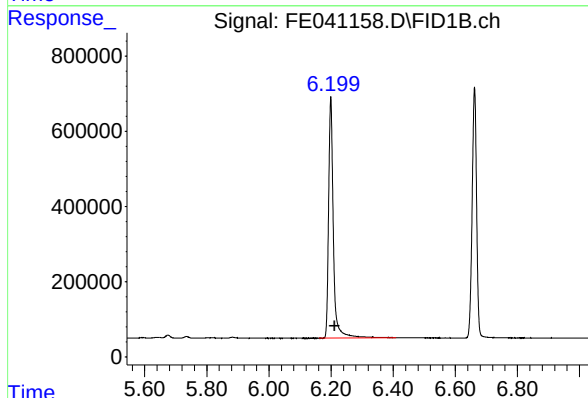
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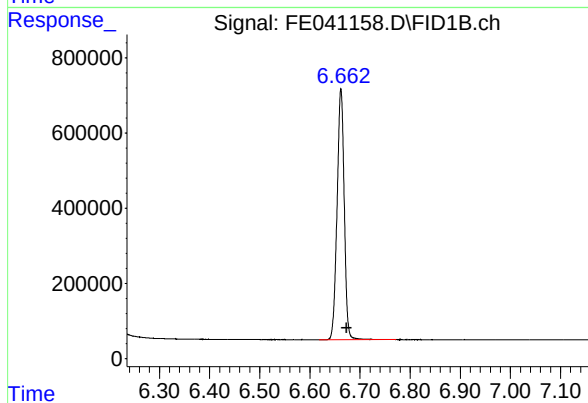
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.007 min
Response: 6293742
Conc: 36.97 ug/ml



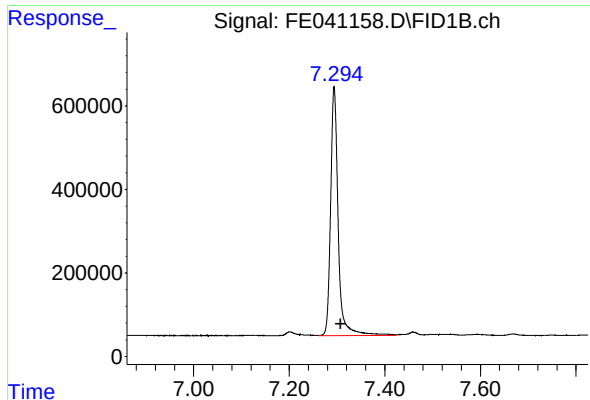
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.013 min
Response: 6843126
Conc: 37.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.012 min
Response: 6630648
Conc: 38.23 ug/ml



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

R.T.: 7.294 min
Delta R.T.: -0.013 min
Response: 6542054
Conc: 39.50 ug/ml

Instrument :

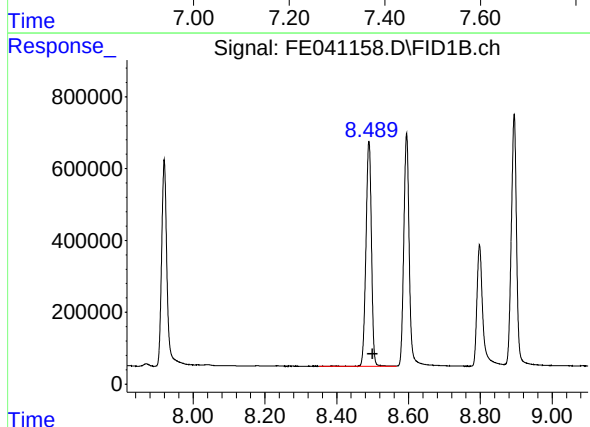
FID_E

ClientSampleId :

PB151888BS

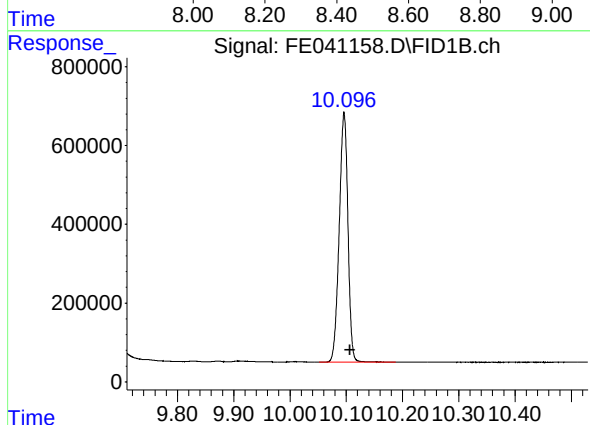
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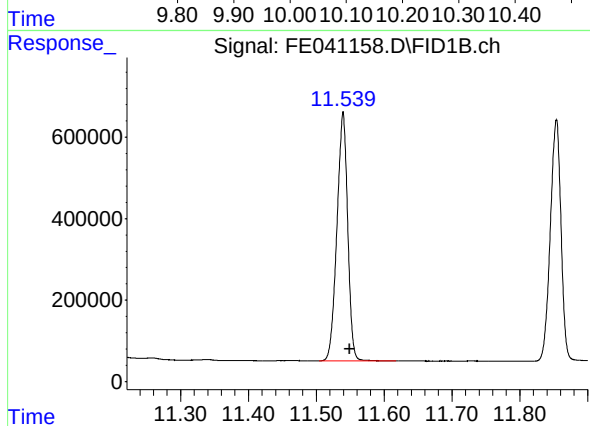
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.010 min
Response: 6620566
Conc: 37.97 ug/ml



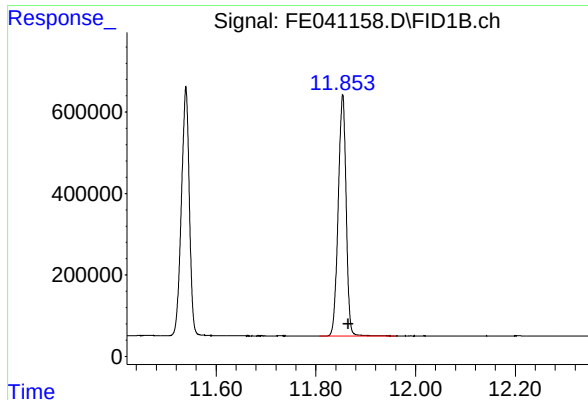
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.010 min
Response: 6804052
Conc: 38.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: -0.010 min
Response: 6728446
Conc: 37.68 ug/ml



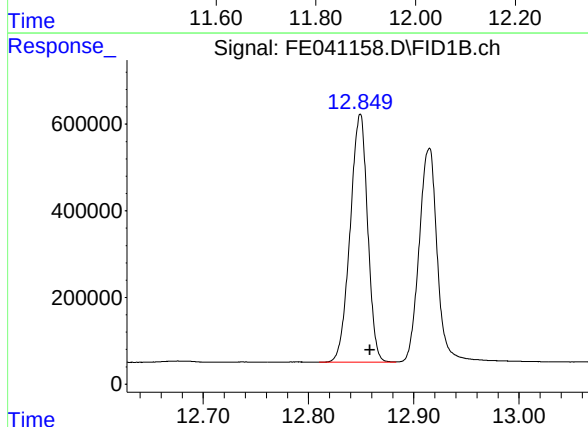
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: -0.011 min
Response: 6534271
Conc: 34.77 ug/ml

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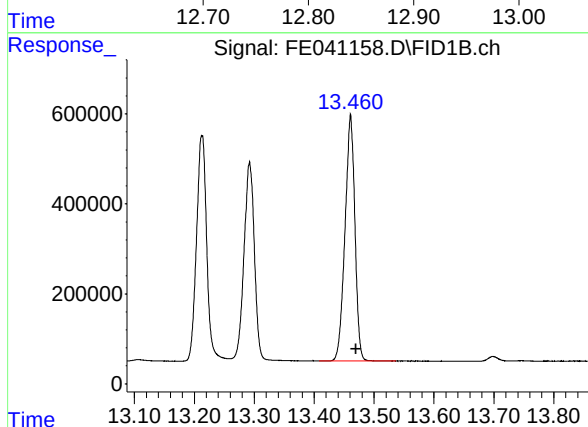
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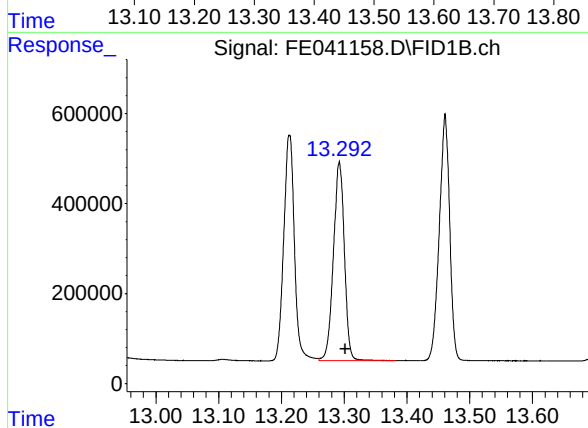
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.009 min
Response: 6618392
Conc: 38.80 ug/ml



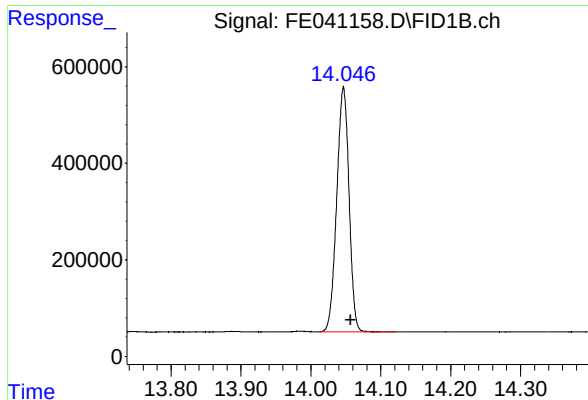
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.009 min
Response: 6285945
Conc: 37.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: -0.010 min
Response: 5376106
Conc: 37.37 ug/ml



#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.011 min
Response: 6199013
Conc: 37.46 ug/ml

Instrument :

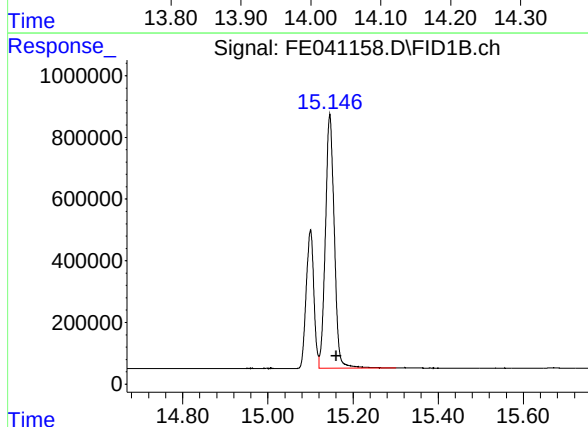
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ClientSampleId :

PB151888BS

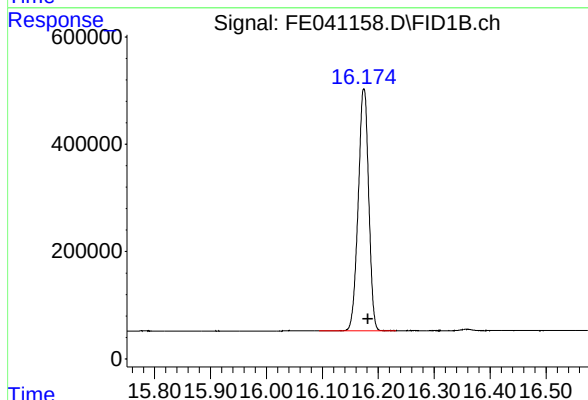
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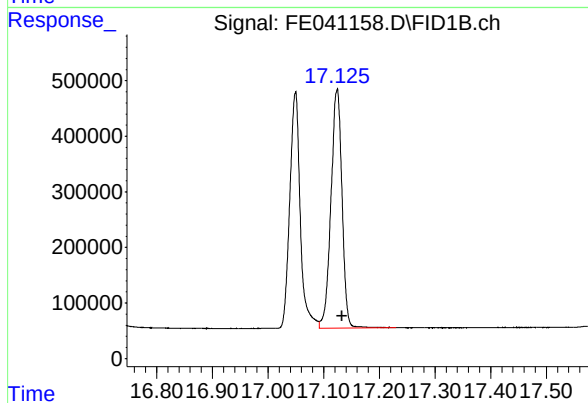
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.015 min
Response: 11943459
Conc: 73.82 ug/ml



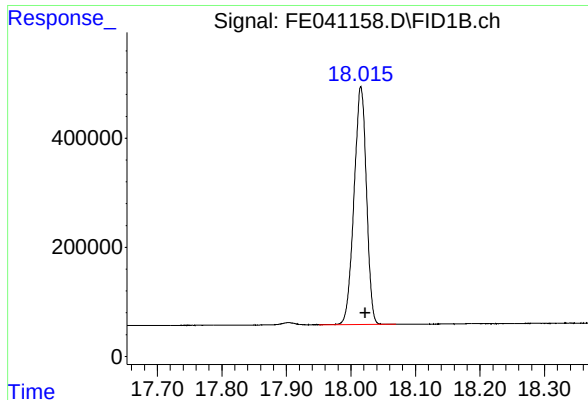
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.008 min
Response: 5881694
Conc: 37.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.009 min
Response: 5935249
Conc: 38.75 ug/ml



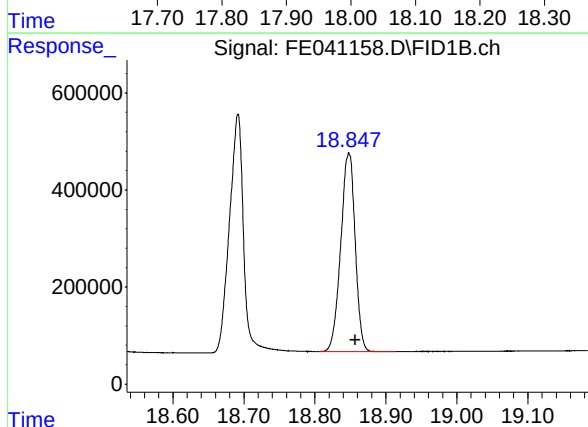
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.007 min
Response: 5839556
Conc: 38.20 ug/ml

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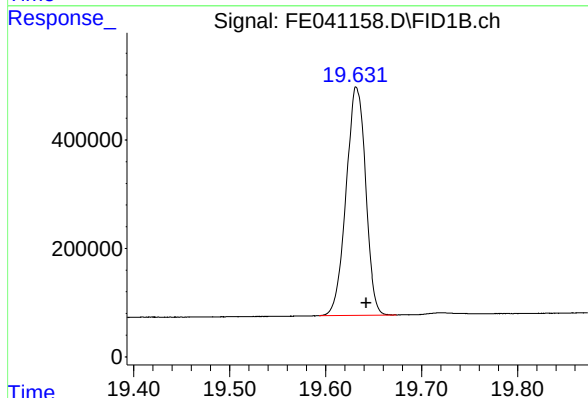
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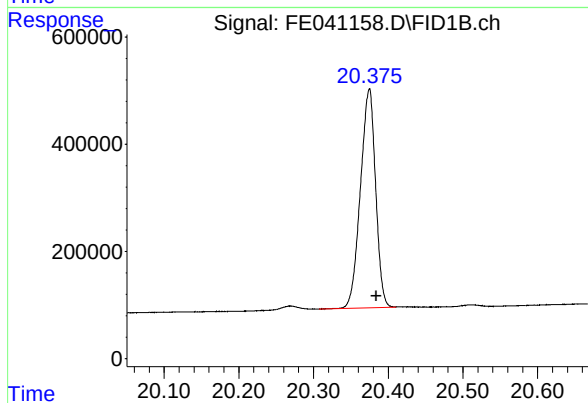
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.009 min
Response: 5773831
Conc: 36.98 ug/ml



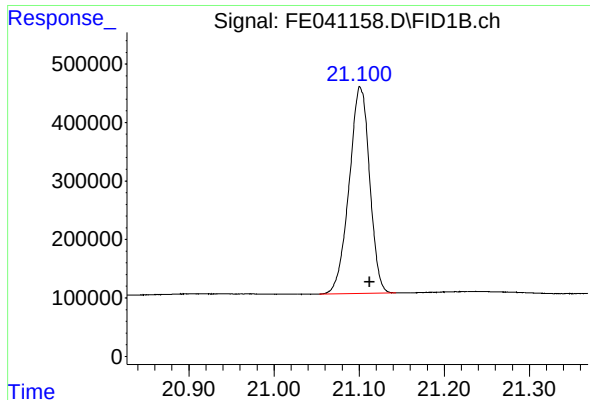
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.012 min
Response: 5968088
Conc: 38.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.009 min
Response: 5765292
Conc: 37.95 ug/ml



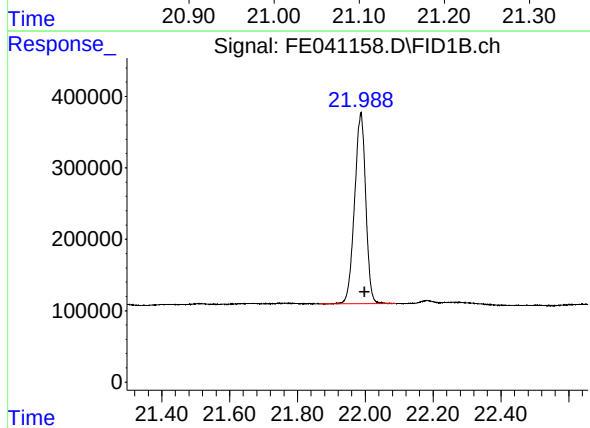
#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.012 min
Response: 5902952
Conc: 37.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.011 min
Response: 6110877
Conc: 38.29 ug/ml