

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041723AL\
 Data File : FE041383.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2023 16:07
 Operator : YP\AJ
 Sample : PB152145BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152145BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/18/2023

Supervised By :Ankita Jodhani 04/18/2023

Integration File: autoint1.e

Quant Time: Apr 18 01:02:19 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)	11.844	7514399	39.983 ug/ml
Spiked Amount 50.000		Recovery =	79.97%
12) S 1-chlorooctadecane (S...	13.284	6206476	43.137 ug/ml
Spiked Amount 50.000		Recovery =	86.27%
Target Compounds			
1) T n-Nonane (C9)	3.249	7582781	43.701 ug/ml
2) T n-Decane (C10)	4.491	7883133	46.312 ug/mlm
3) T A~Naphthalene (C11.7)	6.189	8574323	46.877 ug/ml
4) T n-Dodecane (C12)	6.652	8313203	47.925 ug/ml
5) T A~2-methylnaphthalene...	7.285	8196187	49.490 ug/ml
6) T n-Tetradecane (C14)	8.480	8331043	47.779 ug/ml
7) T n-Hexadecane (C16)	10.086	8605711	48.387 ug/ml
8) T n-Octadecane (C18)	11.530	8559541	47.939 ug/ml
10) T n-Eicosane (C20)	12.841	8466143	49.633 ug/ml
11) T n-Heneicosane (C21)	13.453	8096316	47.855 ug/ml
13) T n-Docosane (C22)	14.039	7978536	48.213 ug/ml
14) T n-Tetracosane (C24)	15.141	15251503	94.269 ug/ml
15) T n-Hexacosane (C26)	16.170	7611537	49.102 ug/ml
16) T n-Octacosane (C28)	17.118	7770436	50.727 ug/ml
17) T n-Tricontane (C30)	18.012	7460882	48.810 ug/ml
18) T n-Dotriacontane (C32)	18.845	7279742	46.627 ug/ml
19) T n-Tetratriacontane (C34)	19.631	7345999	47.403 ug/ml
20) T n-Hexatriacontane (C36)	20.374	7237499	47.647 ug/ml
21) T n-Octatriacontane (C38)	21.101	7437486	47.610 ug/ml
22) T n-Tetracontane (C40)	21.983	7568812	47.422 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB152145BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

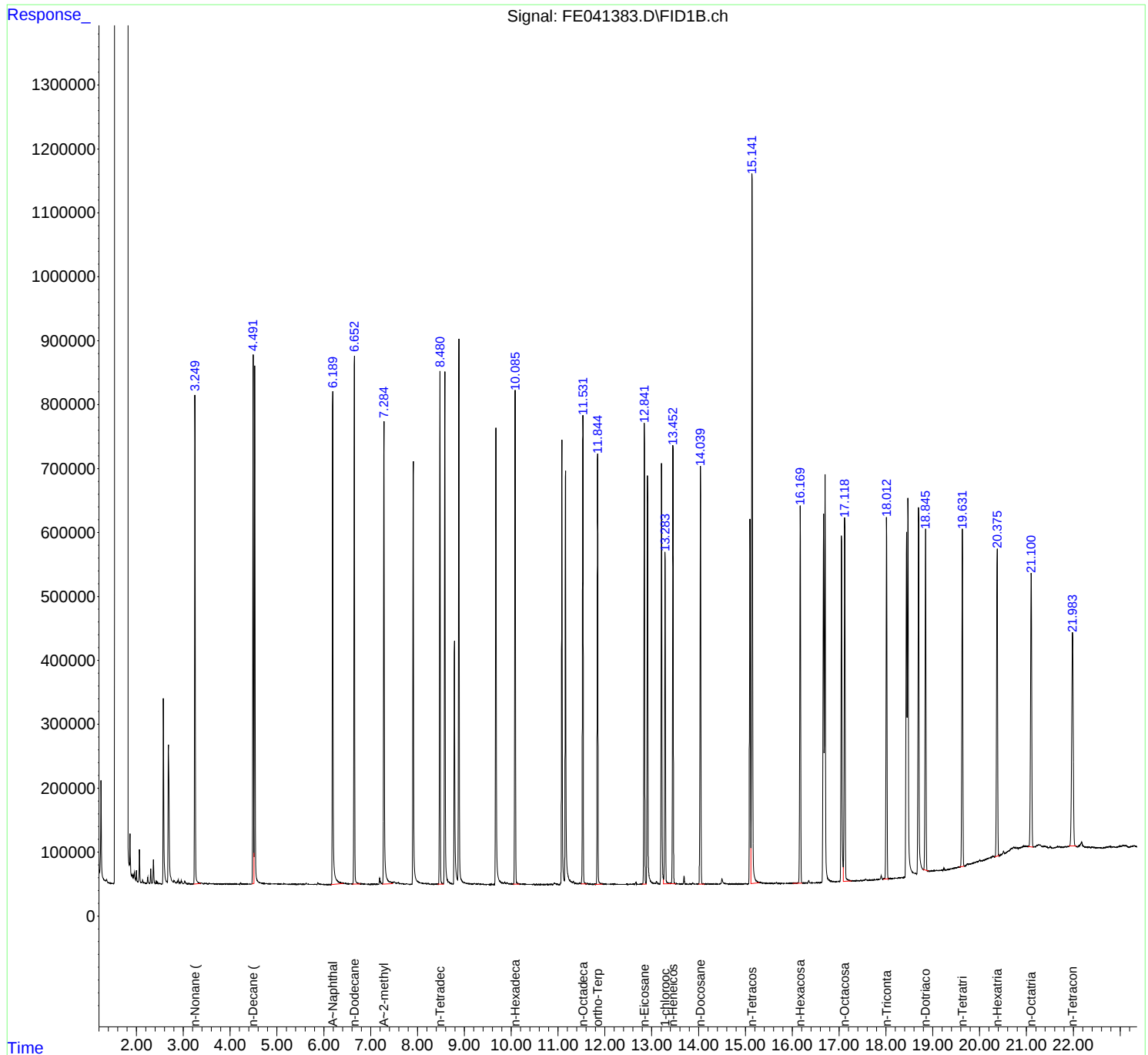
Instrument :
FID_E
ClientSampleId :
PB152145BS

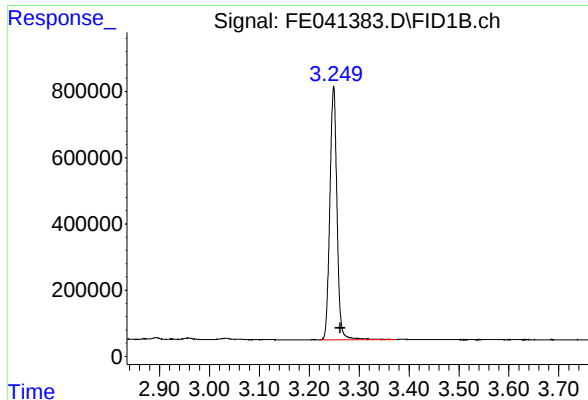
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Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.013 min
Response: 7582781
Conc: 43.70 ug/ml

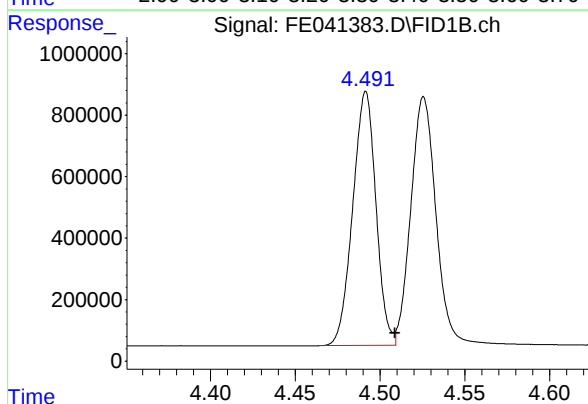
Instrument :

FID_E

ClientSampleId :
PB152145BS

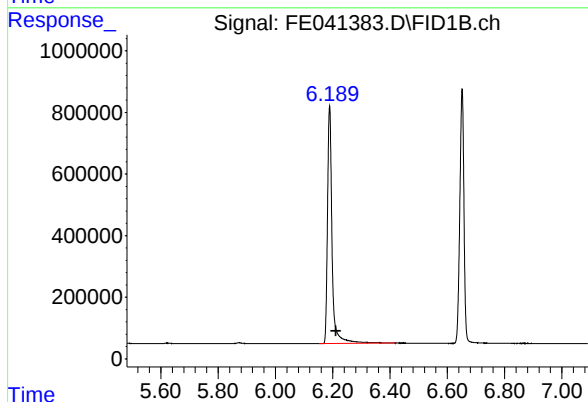
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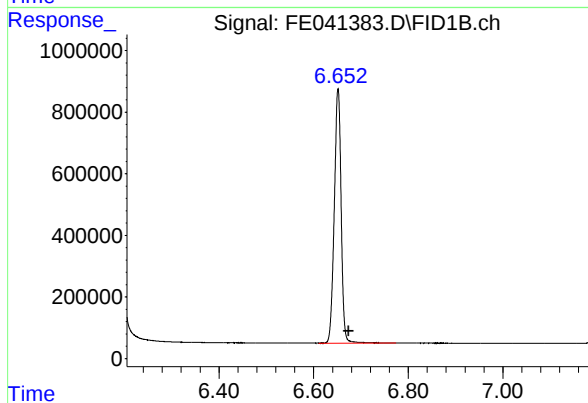
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.018 min
Response: 7883133
Conc: 46.31 ug/ml m



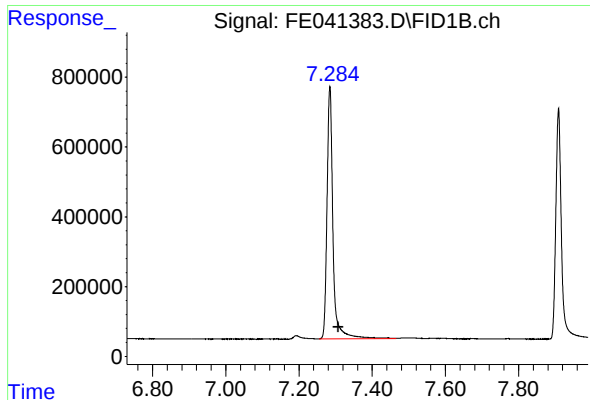
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.023 min
Response: 8574323
Conc: 46.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.652 min
Delta R.T.: -0.022 min
Response: 8313203
Conc: 47.93 ug/ml



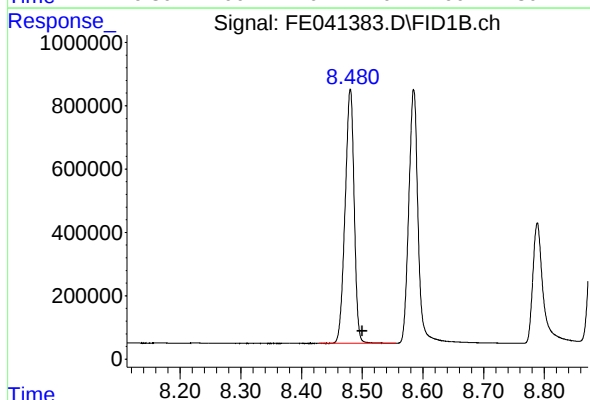
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.285 min
Delta R.T.: -0.023 min
Response: 8196187
Conc: 49.49 ug/ml

Instrument :
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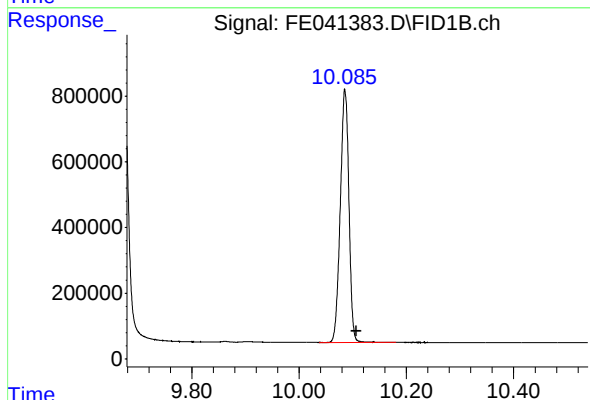
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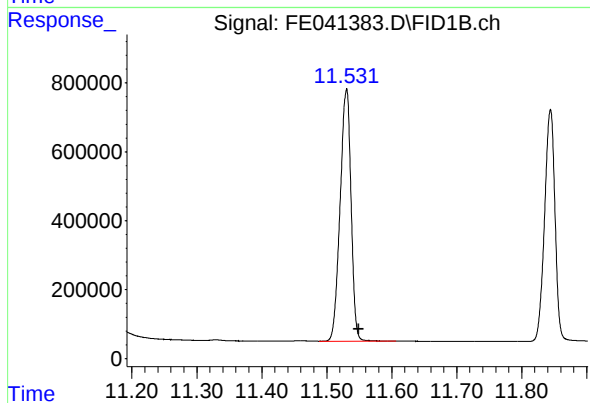
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.020 min
Response: 8331043
Conc: 47.78 ug/ml



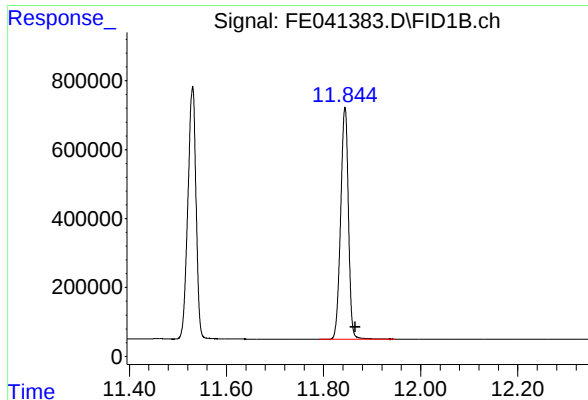
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.021 min
Response: 8605711
Conc: 48.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.019 min
Response: 8559541
Conc: 47.94 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: -0.021 min
Response: 7514399
Conc: 39.98 ug/ml

Instrument :

FID_E

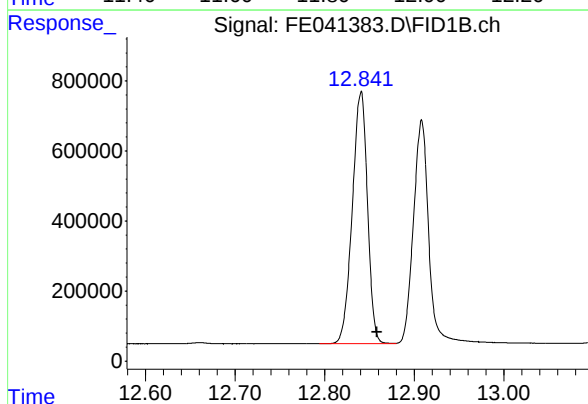
ClientSampleId :

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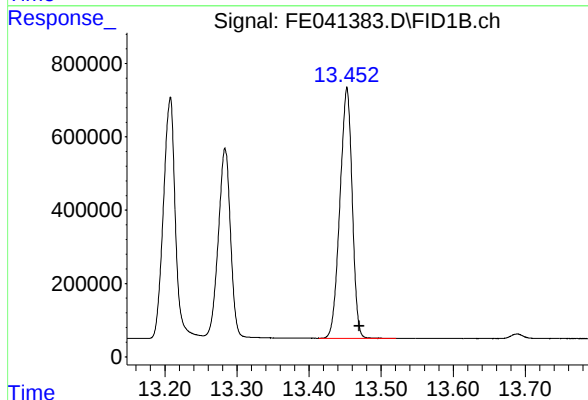
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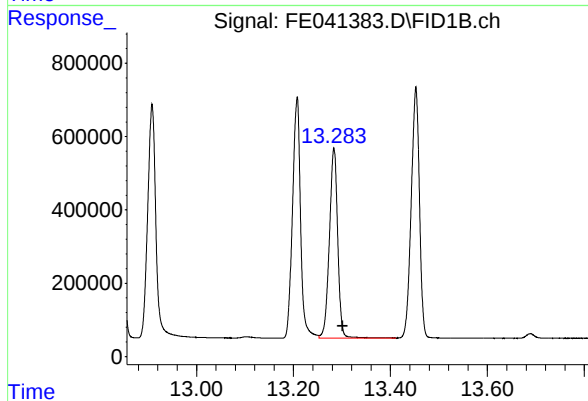
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.018 min
Response: 8466143
Conc: 49.63 ug/ml



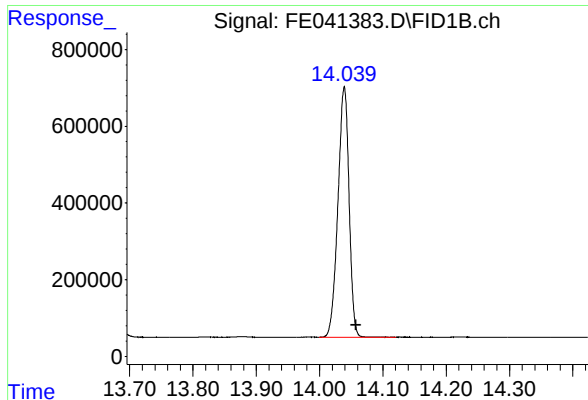
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.017 min
Response: 8096316
Conc: 47.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: -0.018 min
Response: 6206476
Conc: 43.14 ug/ml



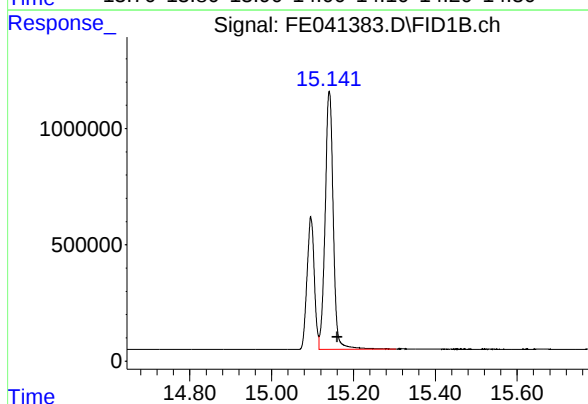
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.018 min
Response: 7978536
Conc: 48.21 ug/ml

Instrument :
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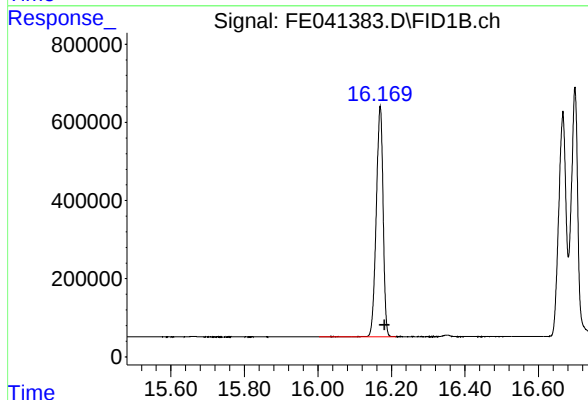
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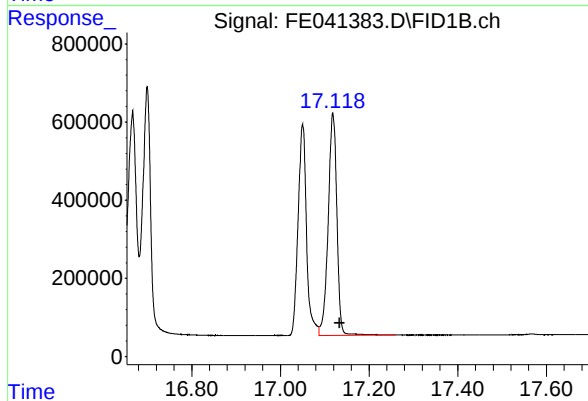
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.020 min
Response: 15251503
Conc: 94.27 ug/ml



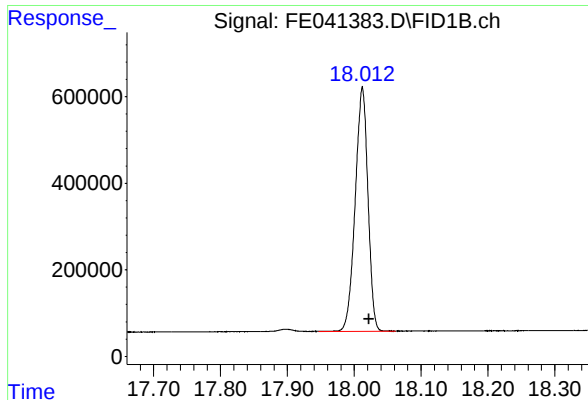
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.012 min
Response: 7611537
Conc: 49.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.015 min
Response: 7770436
Conc: 50.73 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: -0.010 min
Response: 7460882
Conc: 48.81 ug/ml

Instrument :

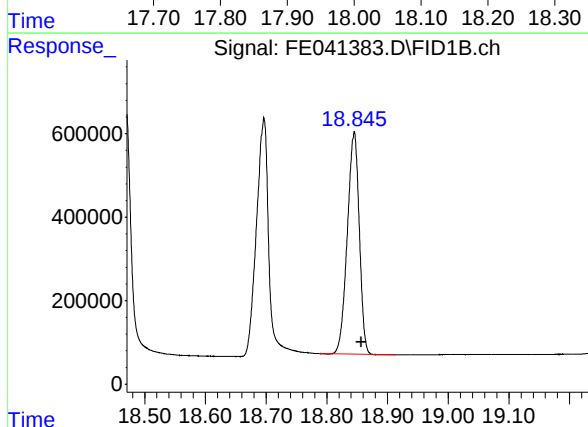
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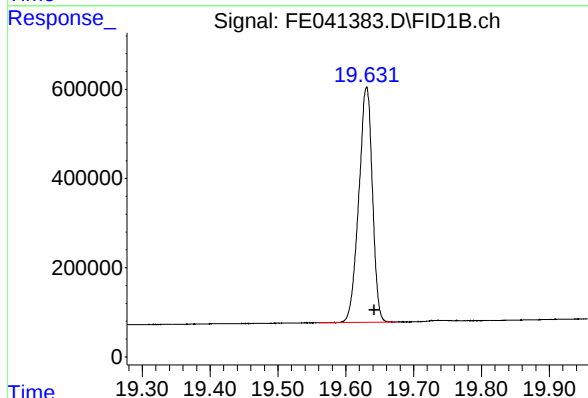
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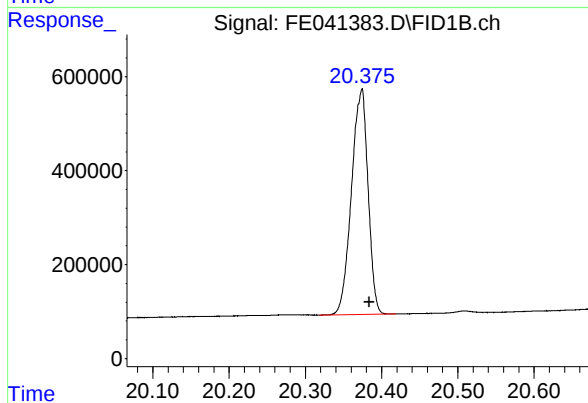
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.012 min
Response: 7279742
Conc: 46.63 ug/ml



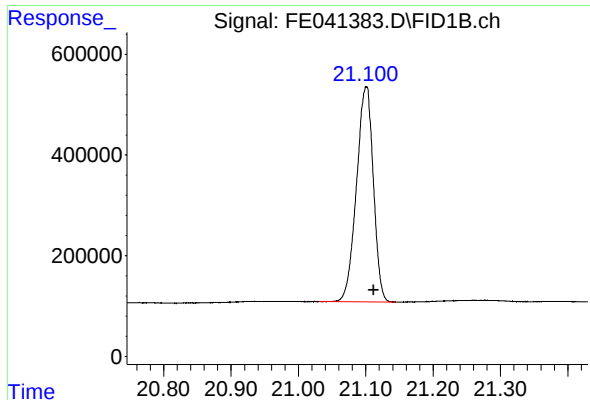
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.012 min
Response: 7345999
Conc: 47.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.010 min
Response: 7237499
Conc: 47.65 ug/ml



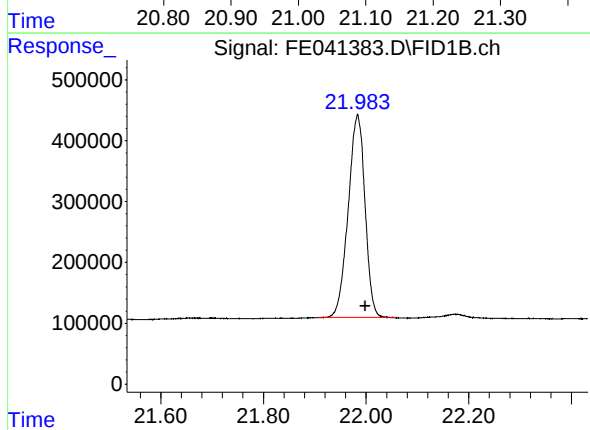
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.011 min
Response: 7437486
Conc: 47.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.014 min
Response: 7568812
Conc: 47.42 ug/ml m