

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122623AL\
 Data File : FE045957.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2023 10:16
 Operator : YP\AJ
 Sample : PB158055BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158055BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e

Quant Time: Dec 26 22:27:05 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M

Quant Title : GC Extractables

QLast Update : Thu Nov 30 12:25:07 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)	11.848	7317481	34.992 ug/ml
Spiked Amount 50.000		Recovery =	69.98%
12) S 1-chlorooctadecane (S...	13.290	5613129	35.674 ug/ml
Spiked Amount 50.000		Recovery =	71.35%
Target Compounds			
1) T n-Nonane (C9)	3.247	7913511	49.904 ug/ml
2) T n-Decane (C10)	4.490	8474252	52.920 ug/ml
3) T A~Naphthalene (C11.7)	6.186	9614350	55.193 ug/ml
4) T n-Dodecane (C12)	6.650	8891833	55.048 ug/ml
5) T A~2-methylnaphthalene...	7.282	9444963	55.618 ug/ml
6) T n-Tetradecane (C14)	8.479	8993838	56.063 ug/ml
7) T n-Hexadecane (C16)	10.087	8995964	54.325 ug/ml
8) T n-Octadecane (C18)	11.534	9017894	52.598 ug/ml
10) T n-Eicosane (C20)	12.847	8940738	51.674 ug/ml
11) T n-Heneicosane (C21)	13.459	8469940	49.235 ug/ml
13) T n-Docosane (C22)	14.047	8367136	48.527 ug/ml
14) T n-Tetracosane (C24)	15.153	17097342	97.934 ug/ml
15) T n-Hexacosane (C26)	16.179	7886344	45.284 ug/ml
16) T n-Octacosane (C28)	17.132	8782029	50.812 ug/ml
17) T n-Tricontane (C30)	18.025	7892193	45.112 ug/ml
18) T n-Dotriacontane (C32)	18.861	9525032	52.210 ug/ml
19) T n-Tetratriacontane (C34)	19.648	8041456	48.463 ug/ml
20) T n-Hexatriacontane (C36)	20.397	10503993	66.172 ug/mlm
21) T n-Octatriacontane (C38)	21.130	8075467	51.495 ug/mlm
22) T n-Tetracontane (C40)	22.047	11683831	82.214 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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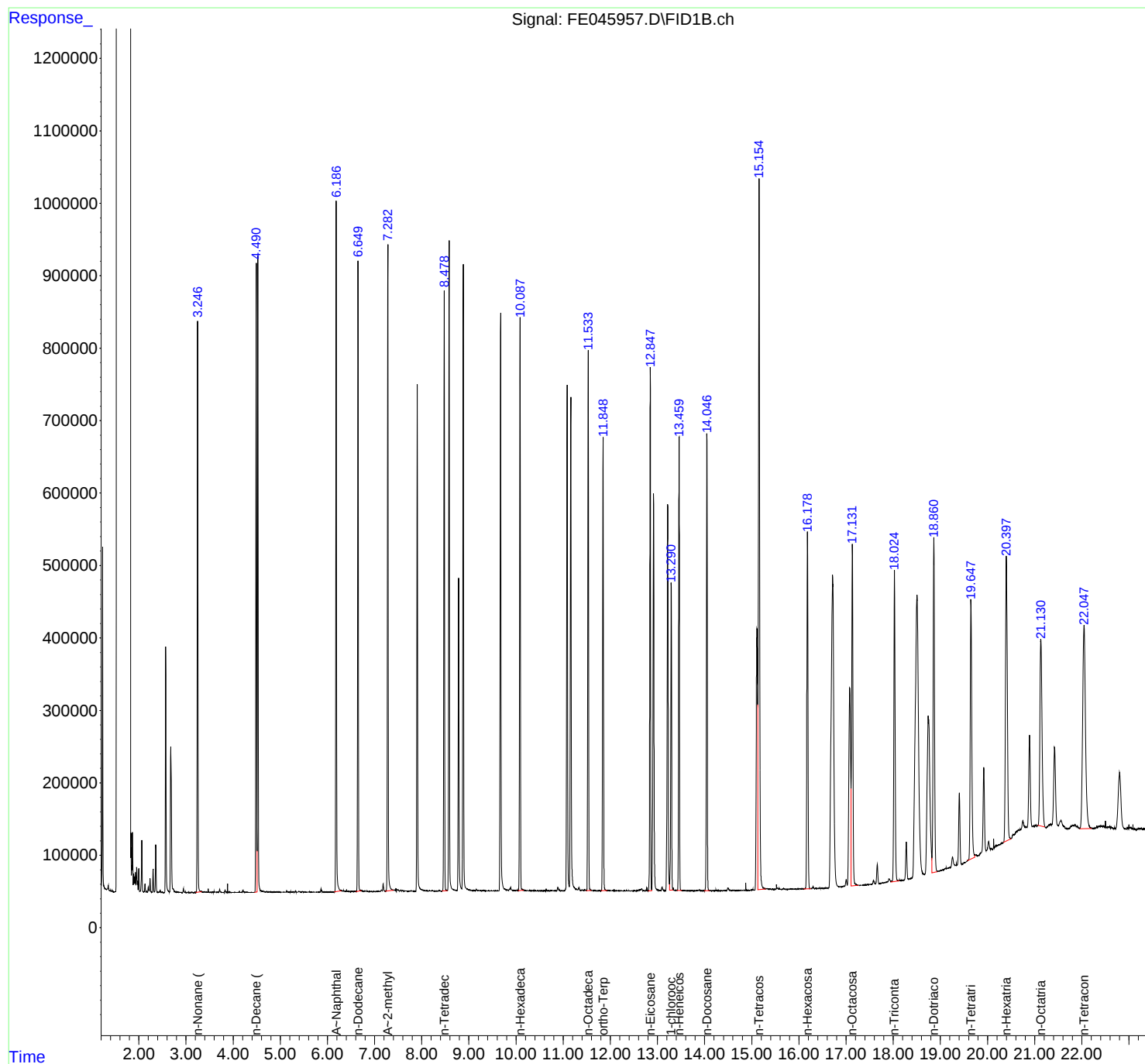
Instrument :
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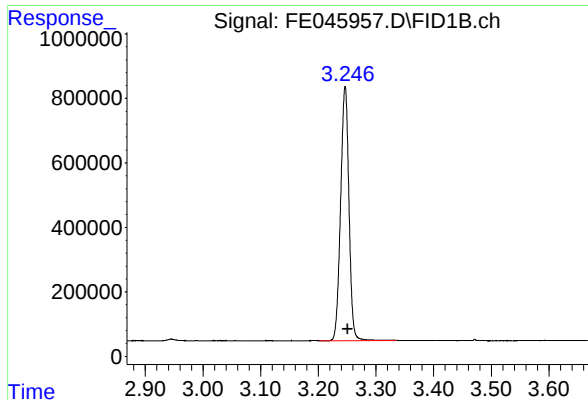
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.004 min
Response: 7913511
Conc: 49.90 ug/ml

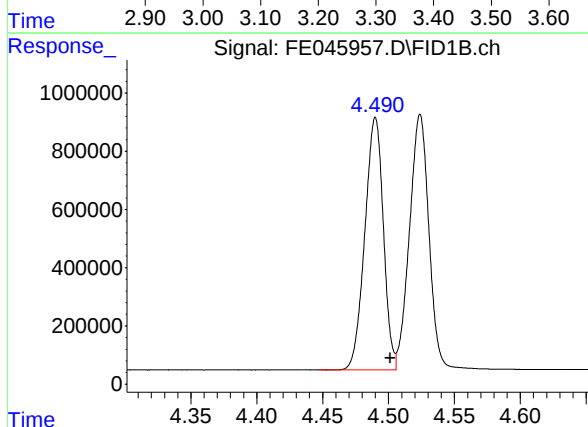
Instrument :

FID_E

ClientSampleId :
PB158055BS

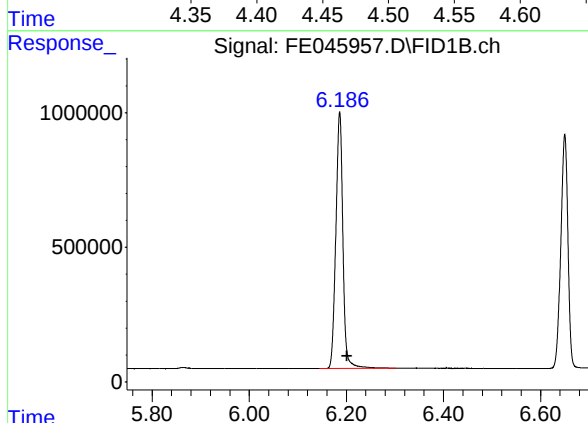
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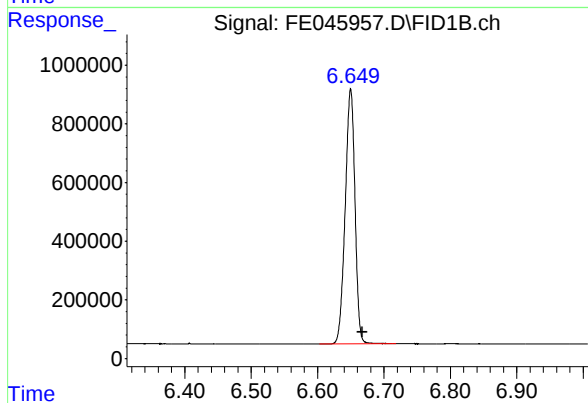
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.011 min
Response: 8474252
Conc: 52.92 ug/ml



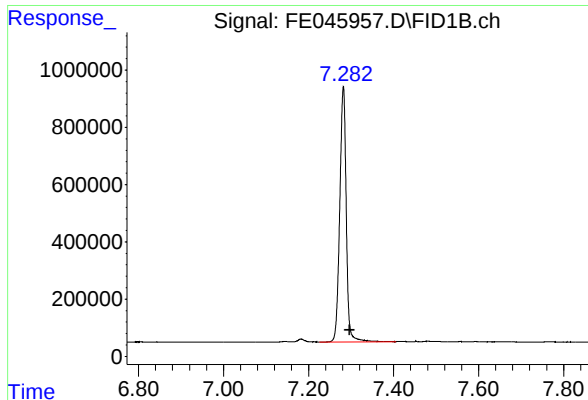
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.015 min
Response: 9614350
Conc: 55.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.650 min
Delta R.T.: -0.017 min
Response: 8891833
Conc: 55.05 ug/ml



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

R.T.: 7.282 min
Delta R.T.: -0.015 min
Response: 9444963
Conc: 55.62 ug/ml

Instrument :

FID_E

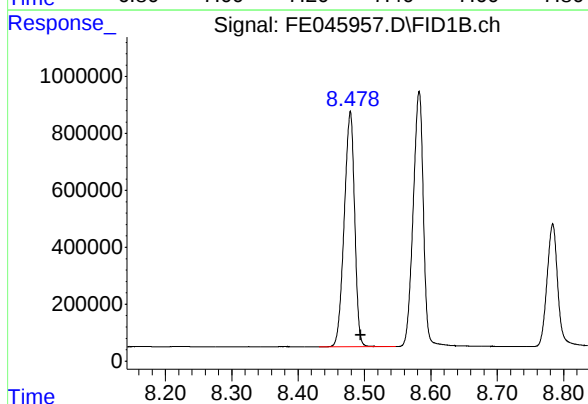
ClientSampleId :

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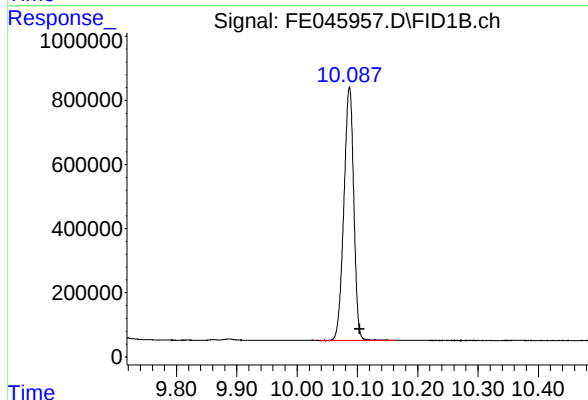
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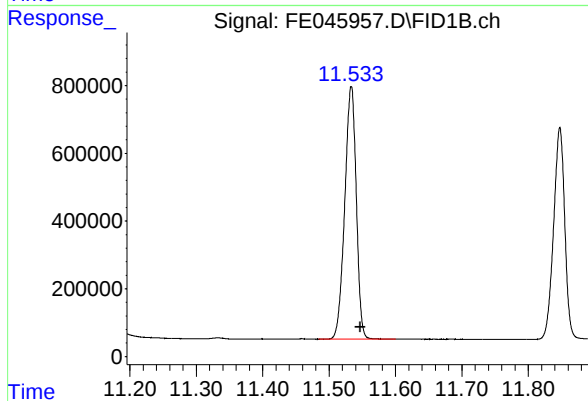
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.015 min
Response: 8993838
Conc: 56.06 ug/ml



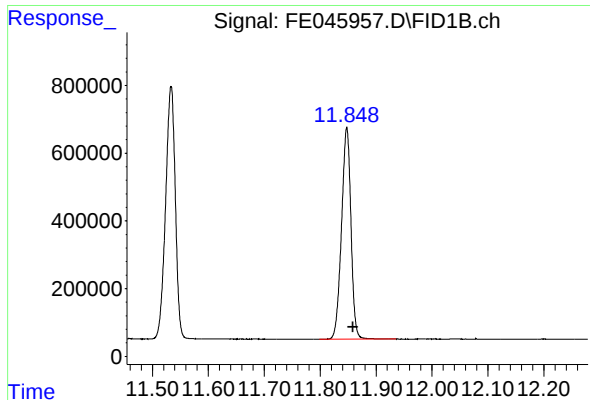
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.017 min
Response: 8995964
Conc: 54.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.014 min
Response: 9017894
Conc: 52.60 ug/ml



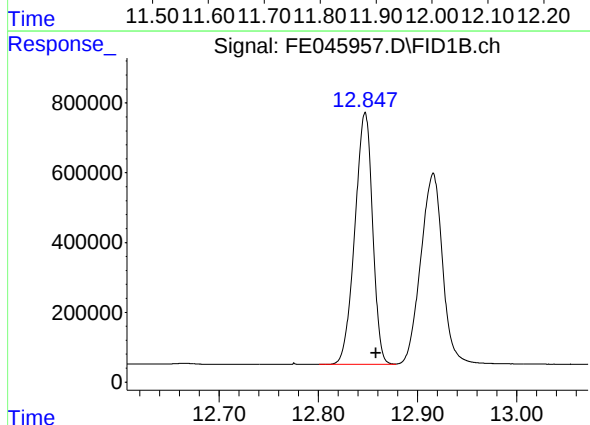
#9 ortho-Terphenyl (SURR)

R.T.: 11.848 min
Delta R.T.: -0.011 min
Response: 7317481
Conc: 34.99 ug/ml

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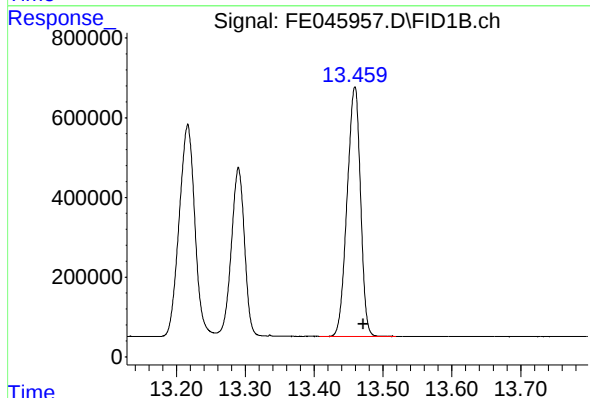
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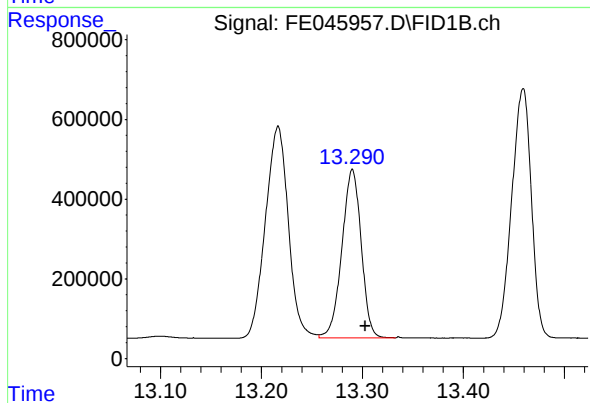
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.011 min
Response: 8940738
Conc: 51.67 ug/ml



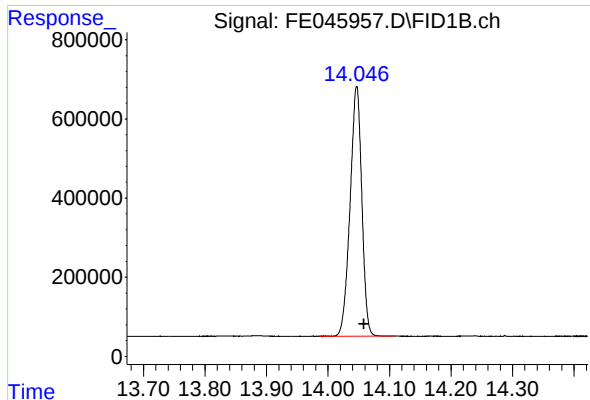
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.012 min
Response: 8469940
Conc: 49.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: -0.013 min
Response: 5613129
Conc: 35.67 ug/ml



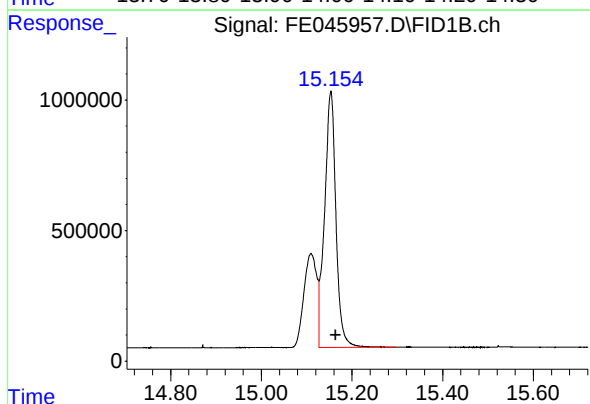
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.011 min
Response: 8367136
Conc: 48.53 ug/ml

Instrument :
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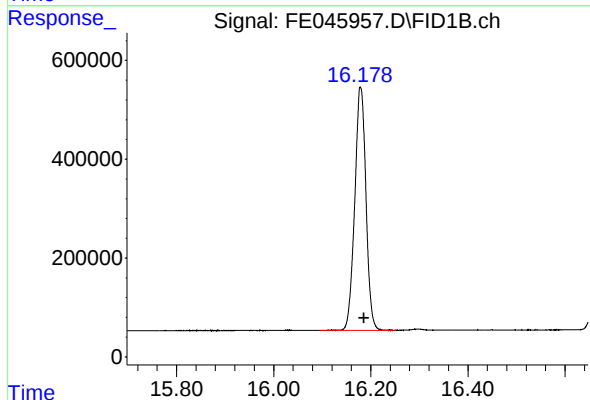
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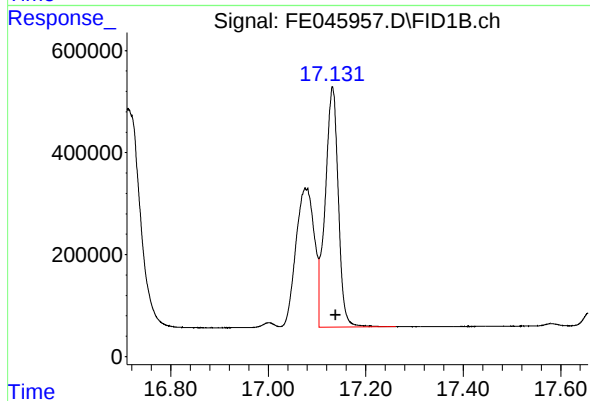
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.011 min
Response: 17097342
Conc: 97.93 ug/ml



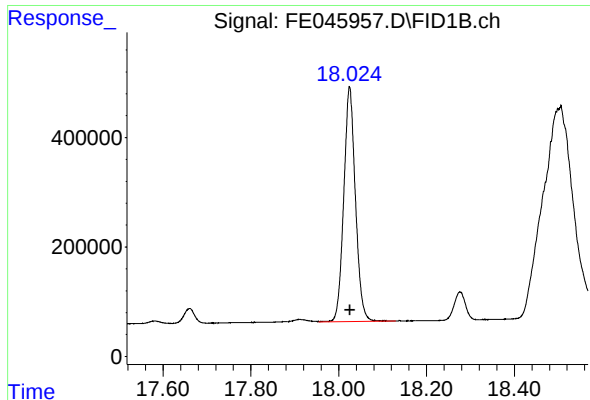
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: -0.007 min
Response: 7886344
Conc: 45.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.006 min
Response: 8782029
Conc: 50.81 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: -0.001 min
Response: 7892193
Conc: 45.11 ug/ml

Instrument :

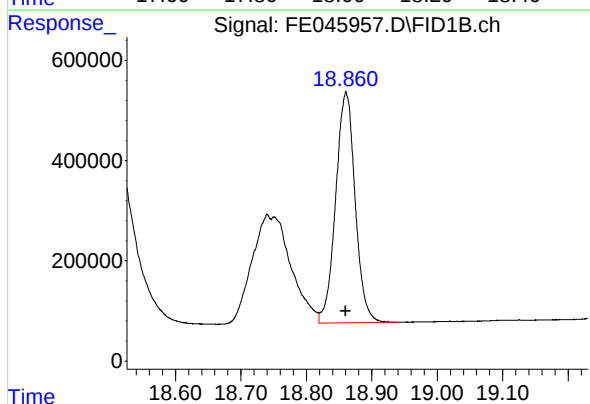
FID_E

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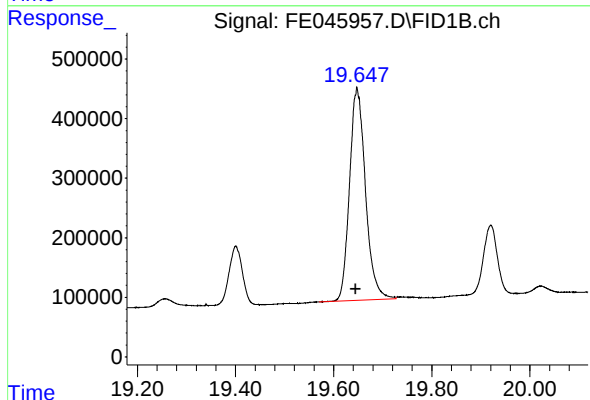
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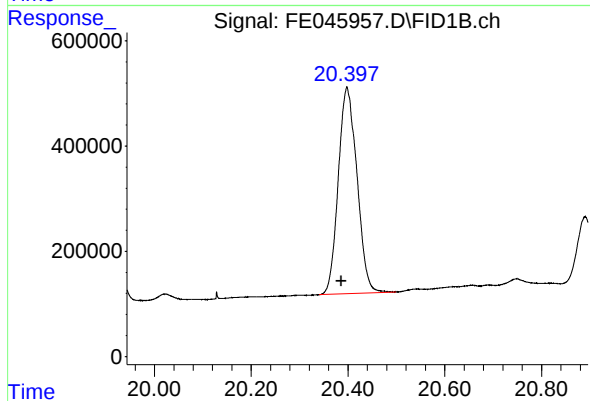
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.000 min
Response: 9525032
Conc: 52.21 ug/ml



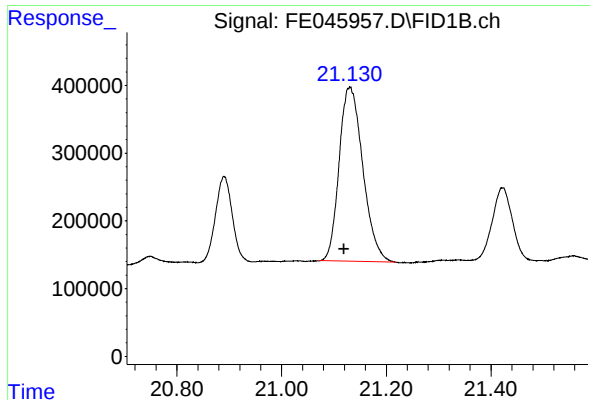
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.003 min
Response: 8041456
Conc: 48.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: 0.011 min
Response: 10503993
Conc: 66.17 ug/ml m



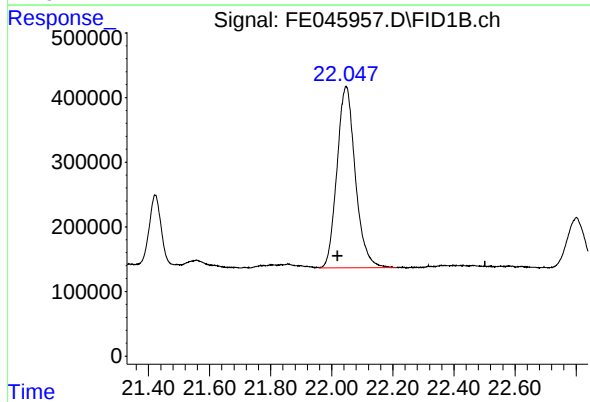
#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: 0.011 min
Response: 8075467
Conc: 51.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.047 min
Delta R.T.: 0.028 min
Response: 11683831
Conc: 82.21 ug/ml