

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
 Data File : FE050150.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2024 15:13
 Operator : YP\AJ
 Sample : PB163455BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163455BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/18/2024

Supervised By :Ankita Jodhani 09/18/2024

Integration File: autoint1.e

Quant Time: Sep 18 01:27:27 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

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)	11.877	6404249	43.045 ug/ml
Spiked Amount 50.000		Recovery =	86.09%
12) S 1-chlorooctadecane (S...	13.311	5357204	47.693 ug/ml
Spiked Amount 50.000		Recovery =	95.39%
Target Compounds			
1) T n-Nonane (C9)	3.273	5760069	42.495 ug/ml
2) T n-Decane (C10)	4.519	6157770	44.618 ug/ml
3) T A~Naphthalene (C11.7)	6.225	6490448	46.371 ug/ml
4) T n-Dodecane (C12)	6.683	6220090	44.981 ug/ml
5) T A~2-methylnaphthalene...	7.320	5757642	43.805 ug/ml
6) T n-Tetradecane (C14)	8.511	6454987	47.403 ug/ml
7) T n-Hexadecane (C16)	10.115	6495866	46.766 ug/ml
8) T n-Octadecane (C18)	11.558	6477337	46.233 ug/ml
10) T n-Eicosane (C20)	12.866	6472180	48.248 ug/ml
11) T n-Heneicosane (C21)	13.477	6290429	47.873 ug/ml
13) T n-Docosane (C22)	14.062	6165774	47.350 ug/ml
14) T n-Tetracosane (C24)	15.162	11893102	91.072 ug/ml
15) T n-Hexacosane (C26)	16.184	6026652	47.106 ug/ml
16) T n-Octacosane (C28)	17.133	6666436	51.754 ug/ml
17) T n-Tricontane (C30)	18.019	6224588	46.549 ug/ml
18) T n-Dotriacontane (C32)	18.851	6626004	49.724 ug/mlm
19) T n-Tetratriacontane (C34)	19.634	6767463	54.770 ug/ml
20) T n-Hexatriacontane (C36)	20.375	7061202	63.643 ug/mlm
21) T n-Octatriacontane (C38)	21.102	7416264	67.250 ug/ml
22) T n-Tetracontane (C40)	21.994	7187484	66.053 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163455BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

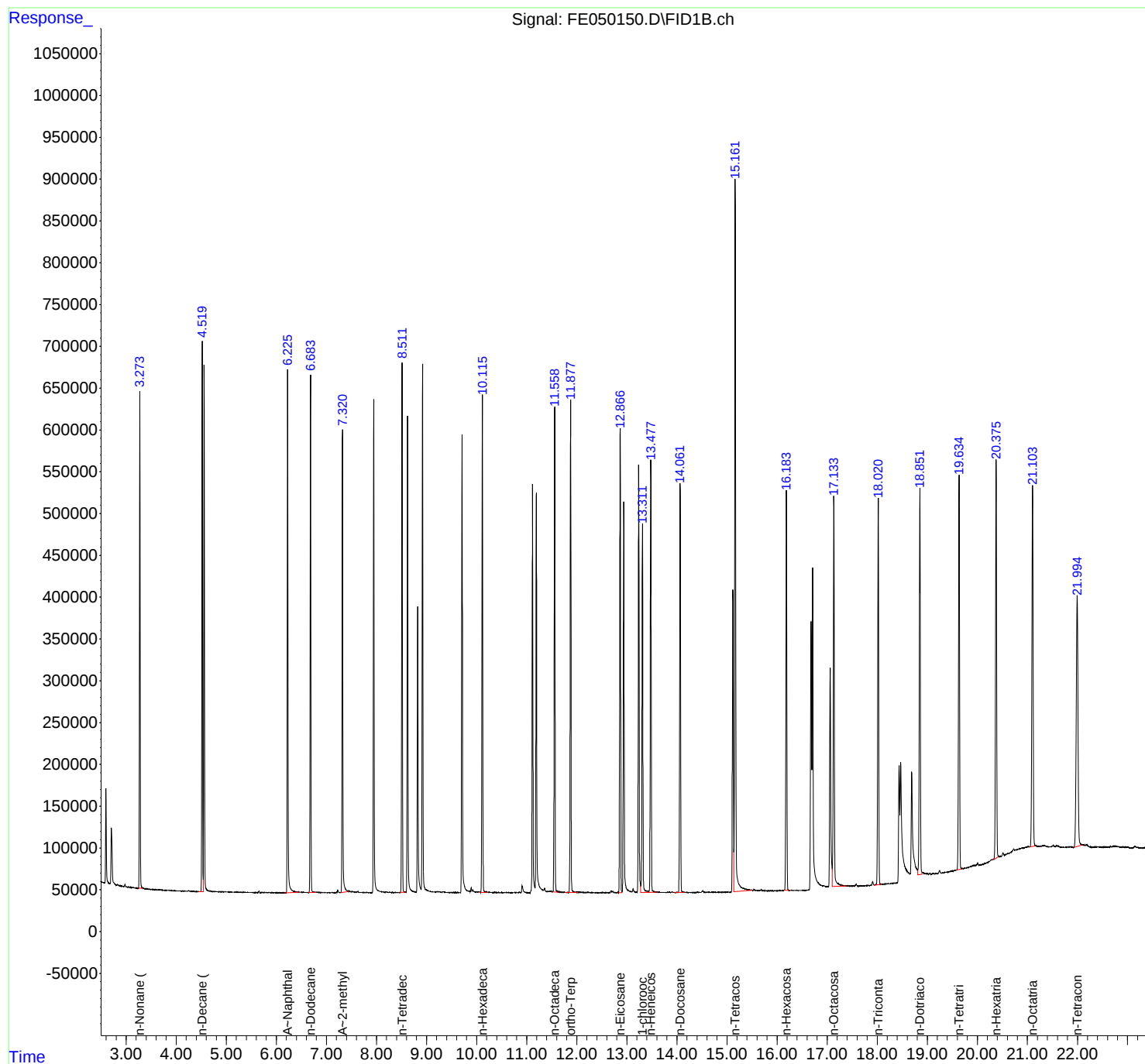
Instrument :
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ClientSampleId :
PB163455BS

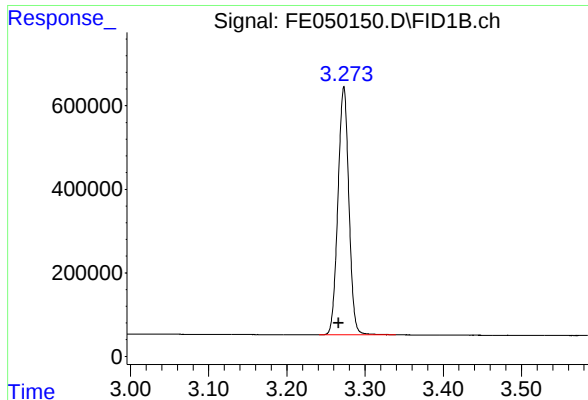
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





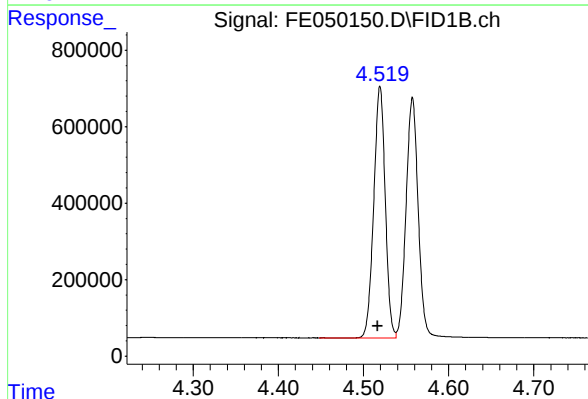
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: 0.007 min
Response: 5760069
Conc: 42.50 ug/ml

Instrument :
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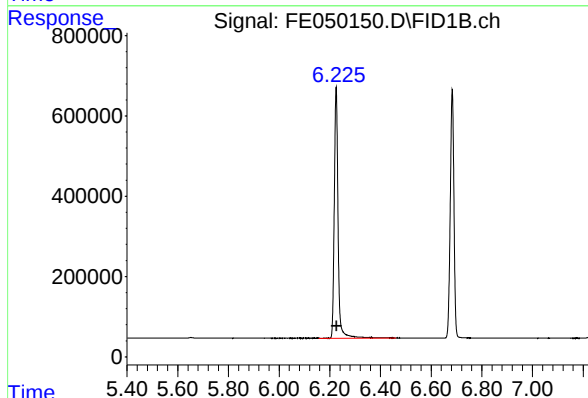
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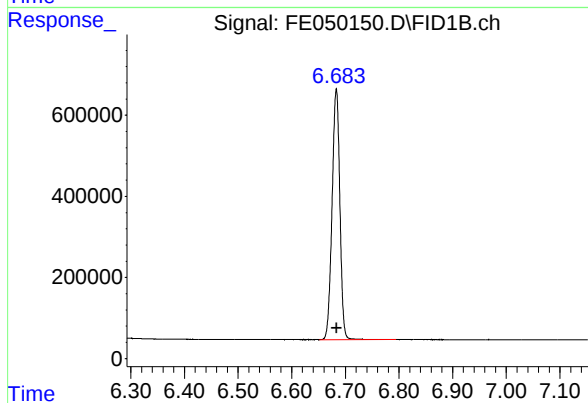
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.003 min
Response: 6157770
Conc: 44.62 ug/ml



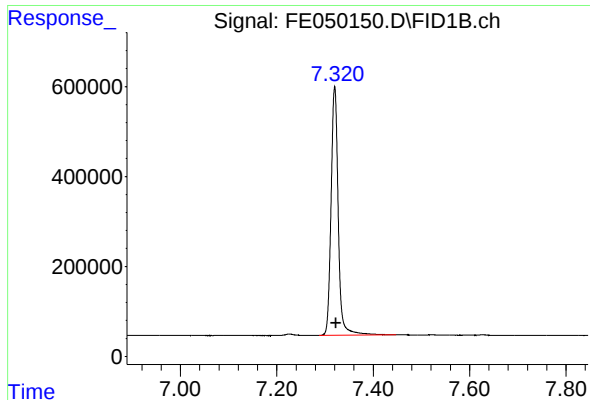
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.002 min
Response: 6490448
Conc: 46.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 6220090
Conc: 44.98 ug/ml



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

R.T.: 7.320 min
Delta R.T.: -0.003 min
Response: 5757642
Conc: 43.80 ug/ml

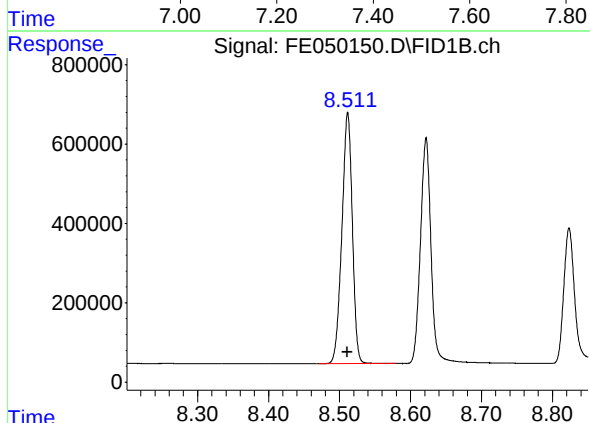
Instrument :

FID_E

ClientSampleId :
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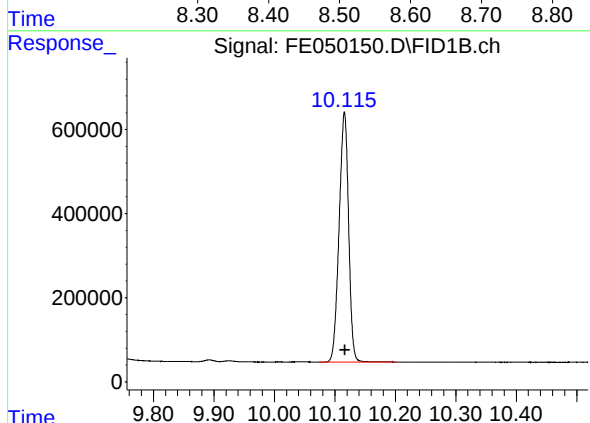
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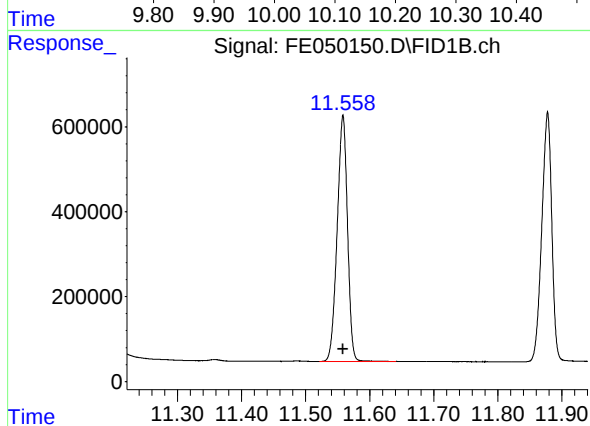
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 6454987
Conc: 47.40 ug/ml



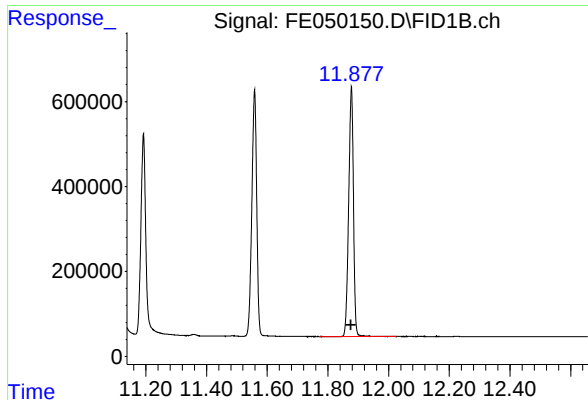
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 6495866
Conc: 46.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 6477337
Conc: 46.23 ug/ml



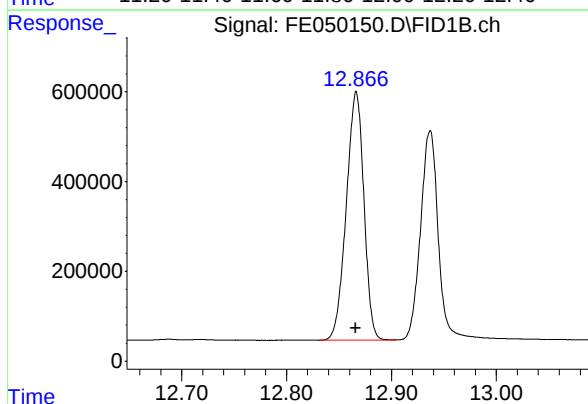
#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: 0.000 min
Response: 6404249
Conc: 43.05 ug/ml

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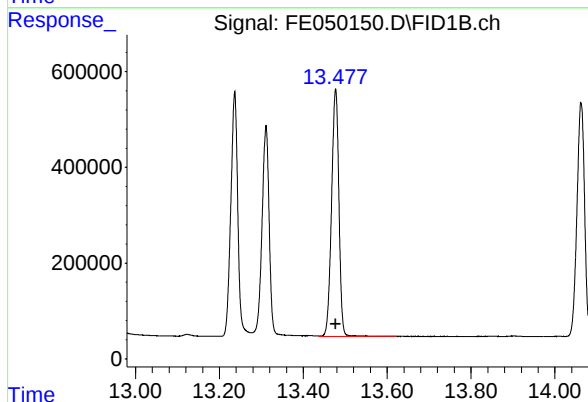
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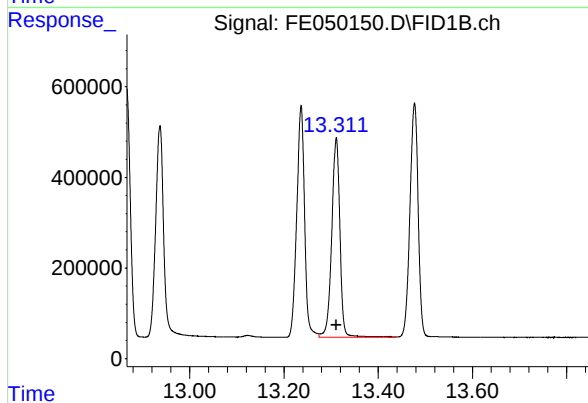
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 6472180
Conc: 48.25 ug/ml



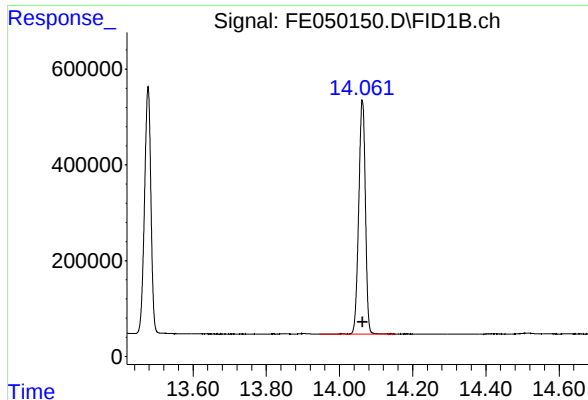
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.000 min
Response: 6290429
Conc: 47.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 5357204
Conc: 47.69 ug/ml



#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: 0.000 min
Response: 6165774
Conc: 47.35 ug/ml

Instrument :

FID_E

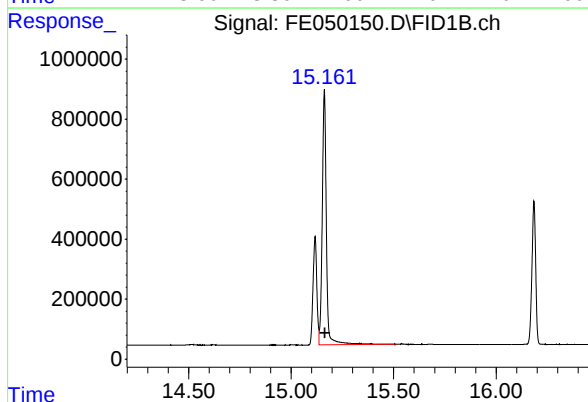
ClientSampleId :

PB163455BS

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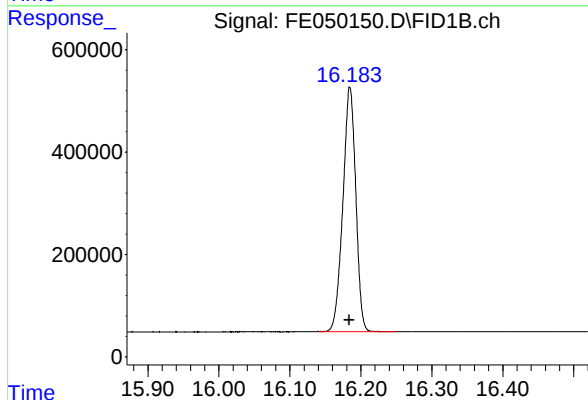
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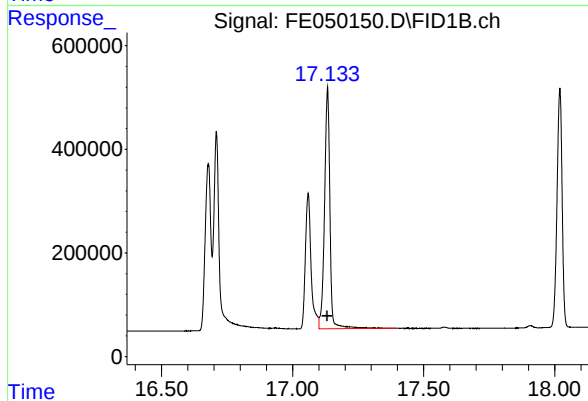
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.003 min
Response: 11893102
Conc: 91.07 ug/ml



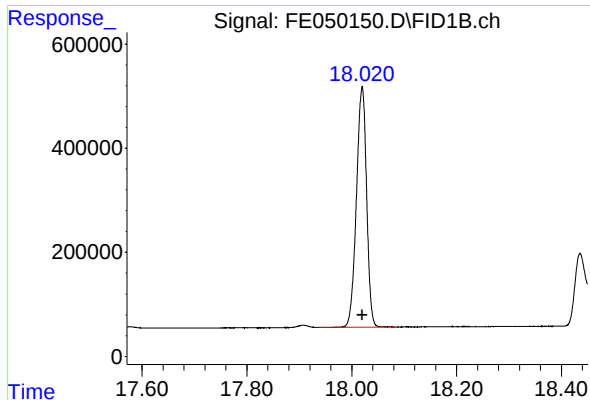
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 6026652
Conc: 47.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 6666436
Conc: 51.75 ug/ml



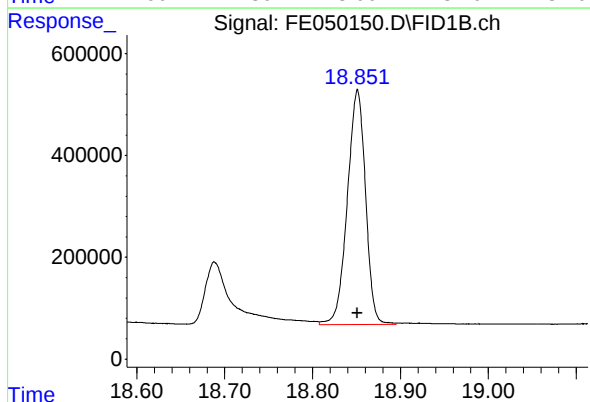
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 6224588
Conc: 46.55 ug/ml

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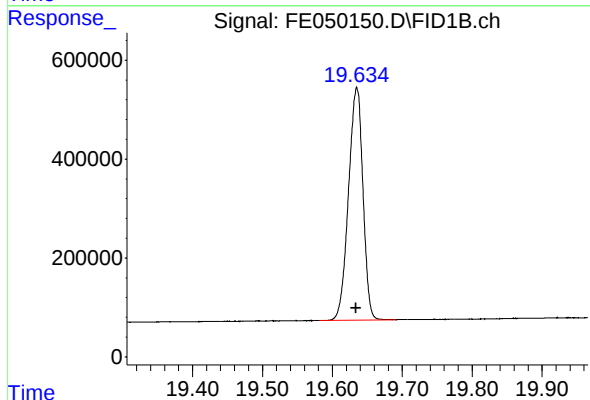
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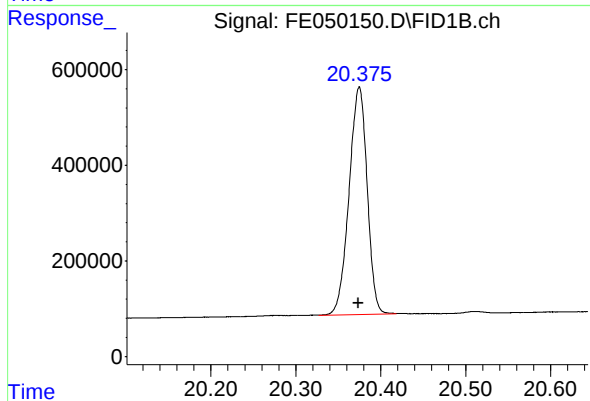
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: 0.000 min
Response: 6626004
Conc: 49.72 ug/ml m



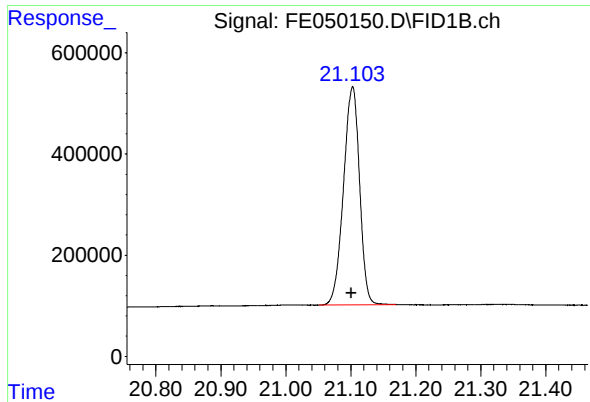
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 min
Response: 6767463
Conc: 54.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: 0.000 min
Response: 7061202
Conc: 63.64 ug/ml m



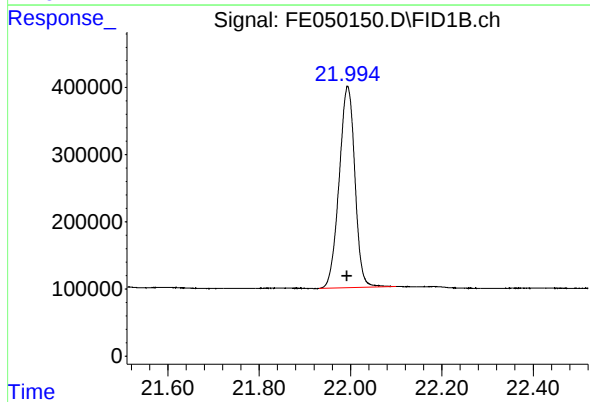
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: 0.001 min
Response: 7416264
Conc: 67.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.001 min
Response: 7187484
Conc: 66.05 ug/ml