

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
 Data File : FE050306.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2024 00:17
 Operator : YP\AJ
 Sample : PB163607BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163607BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e

Quant Time: Sep 24 01:29:59 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)	11.870	7265459	48.834 ug/ml
Spiked Amount 50.000		Recovery =	97.67%
12) S 1-chlorooctadecane (S...	13.303	6036030	53.736 ug/ml
Spiked Amount 50.000		Recovery =	107.47%
Target Compounds			
1) T n-Nonane (C9)	3.271	7145956	52.720 ug/ml
2) T n-Decane (C10)	4.515	7667595	55.558 ug/ml
3) T A~Naphthalene (C11.7)	6.219	8088696	57.789 ug/ml
4) T n-Dodecane (C12)	6.677	7734138	55.930 ug/ml
5) T A~2-methylnaphthalene...	7.314	7236182	55.054 ug/ml
6) T n-Tetradecane (C14)	8.505	8073858	59.292 ug/ml
7) T n-Hexadecane (C16)	10.109	8124178	58.488 ug/ml
8) T n-Octadecane (C18)	11.551	8083790	57.699 ug/ml
10) T n-Eicosane (C20)	12.859	8010935	59.719 ug/mlm
11) T n-Heneicosane (C21)	13.469	7786567	59.260 ug/ml
13) T n-Docosane (C22)	14.055	7621374	58.528 ug/ml
14) T n-Tetracosane (C24)	15.154	14724469	112.753 ug/ml
15) T n-Hexacosane (C26)	16.177	7411990	57.934 ug/ml
16) T n-Octacosane (C28)	17.124	8684091	67.418 ug/ml
17) T n-Tricontane (C30)	18.012	7690287	57.510 ug/ml
18) T n-Dotriacontane (C32)	18.843	7849926	58.908 ug/mlm
19) T n-Tetratriacontane (C34)	19.624	8106805	65.610 ug/ml
20) T n-Hexatriacontane (C36)	20.363	8067976	72.717 ug/ml
21) T n-Octatriacontane (C38)	21.087	8168723	74.073 ug/mlm
22) T n-Tetracontane (C40)	21.977	7800354	71.685 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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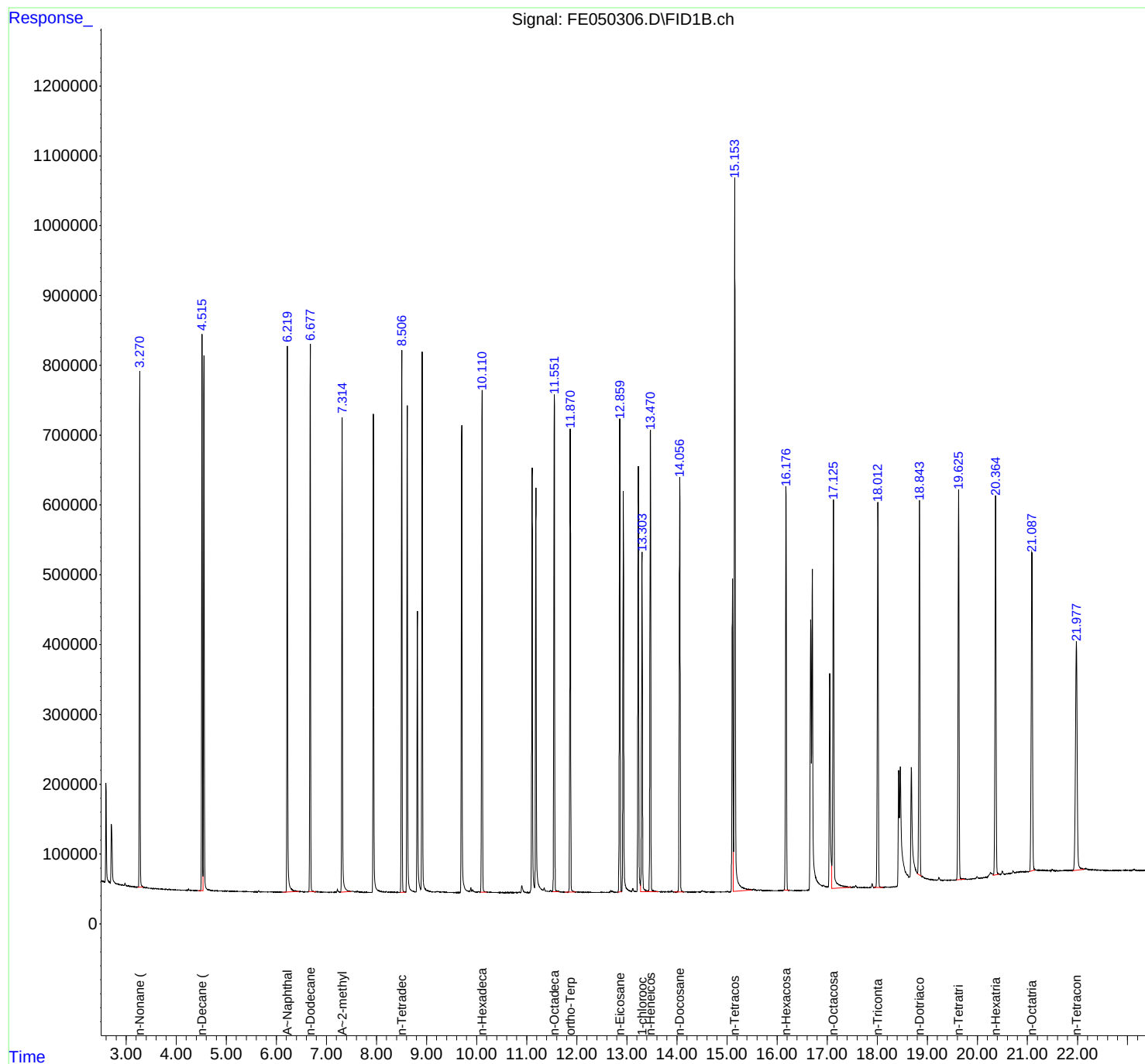
Instrument :
FID_E
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PB163607BSD

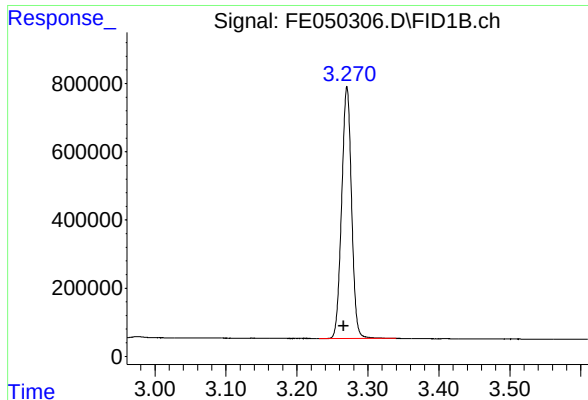
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Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: 0.005 min
Response: 7145956
Conc: 52.72 ug/ml

Instrument :

FID_E

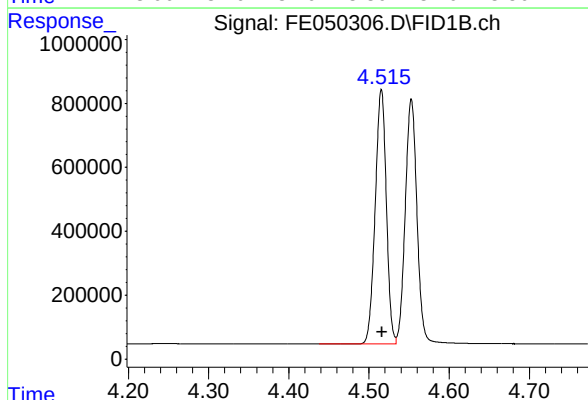
ClientSampleId :

PB163607BSD

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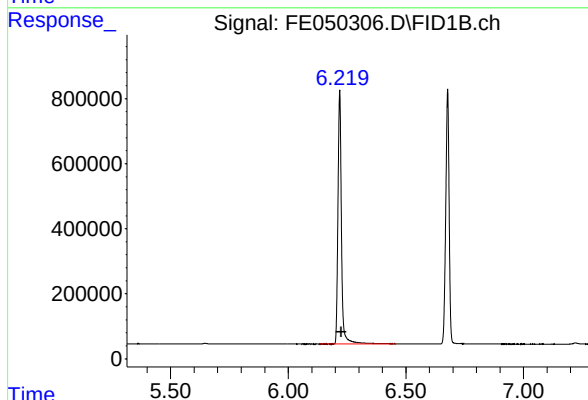
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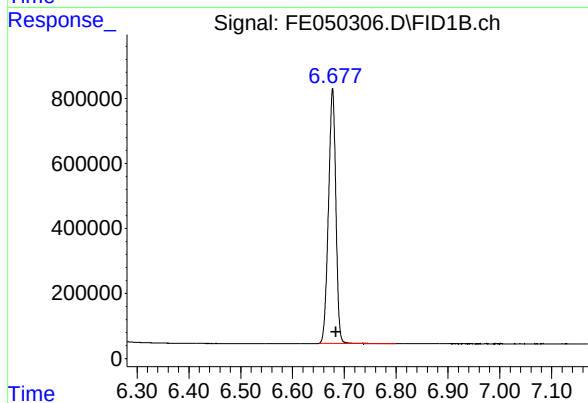
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 7667595
Conc: 55.56 ug/ml



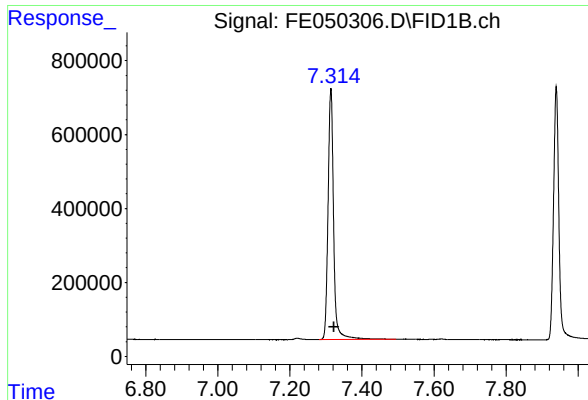
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: -0.009 min
Response: 8088696
Conc: 57.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 7734138
Conc: 55.93 ug/ml



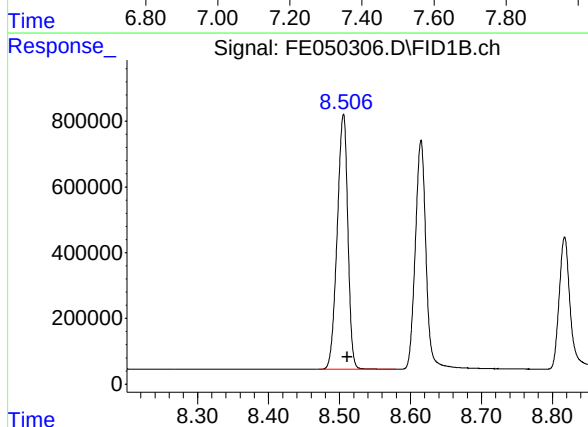
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.314 min
Delta R.T.: -0.009 min
Response: 7236182
Conc: 55.05 ug/ml

Instrument :
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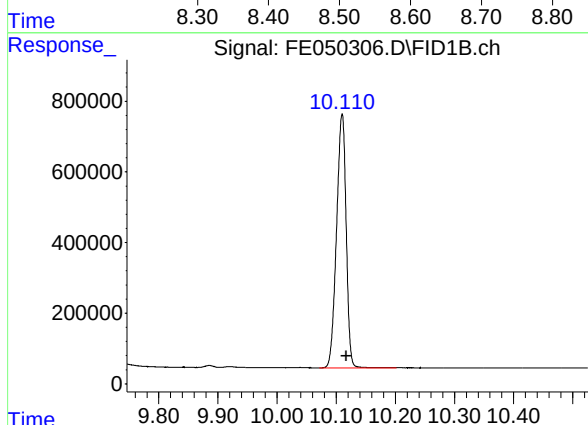
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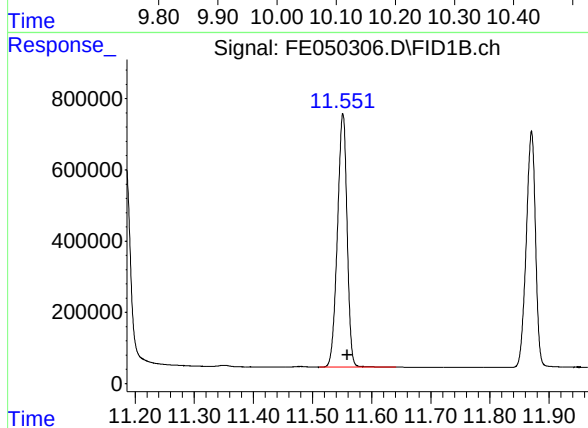
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.006 min
Response: 8073858
Conc: 59.29 ug/ml



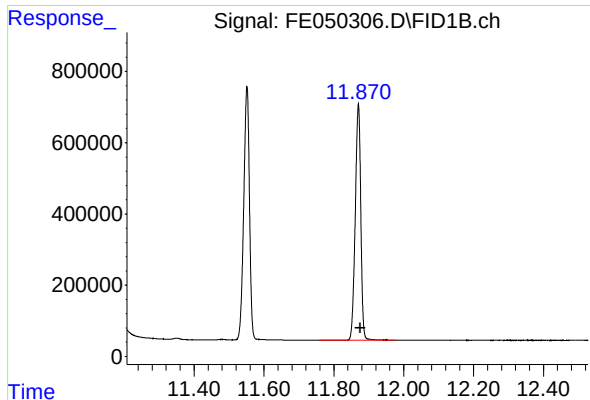
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.008 min
Response: 8124178
Conc: 58.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.008 min
Response: 8083790
Conc: 57.70 ug/ml



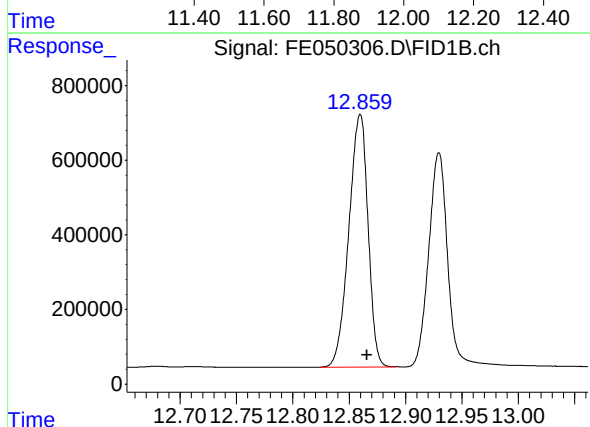
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: -0.007 min
Response: 7265459
Conc: 48.83 ug/ml

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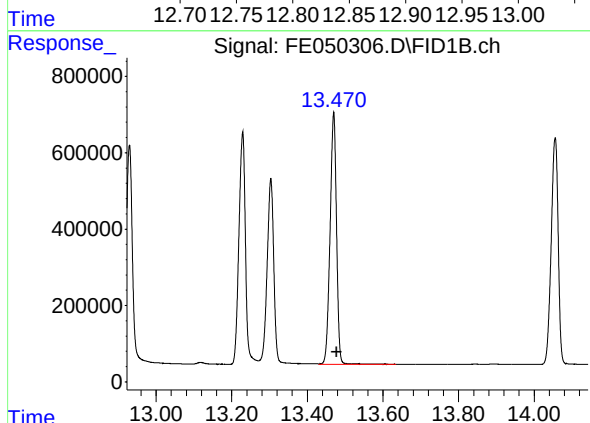
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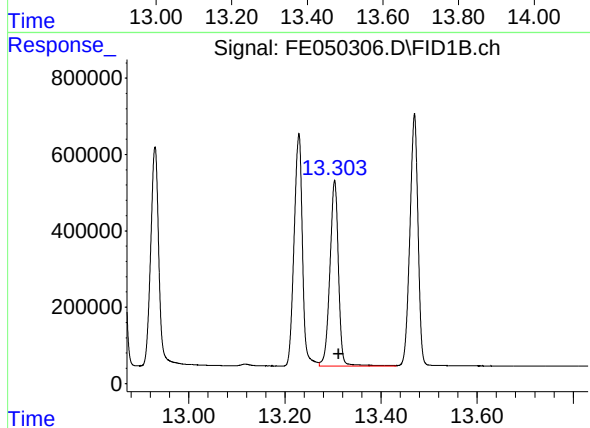
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: -0.007 min
Response: 8010935
Conc: 59.72 ug/ml



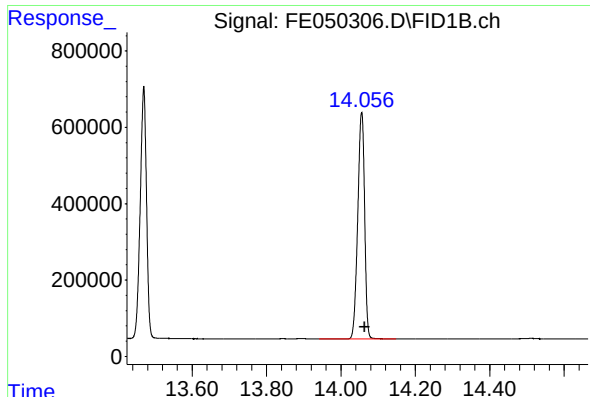
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.008 min
Response: 7786567
Conc: 59.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: -0.009 min
Response: 6036030
Conc: 53.74 ug/ml



#13 n-Docosane (C22)

R.T.: 14.055 min
Delta R.T.: -0.008 min
Response: 7621374
Conc: 58.53 ug/ml

Instrument :

FID_E

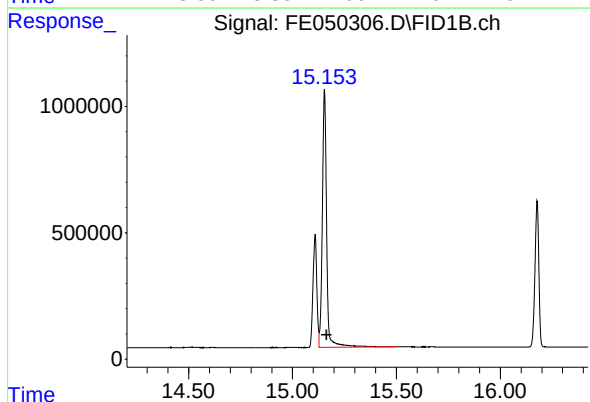
ClientSampleId :

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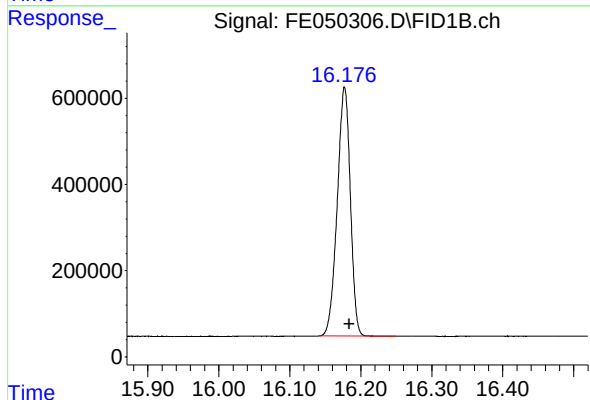
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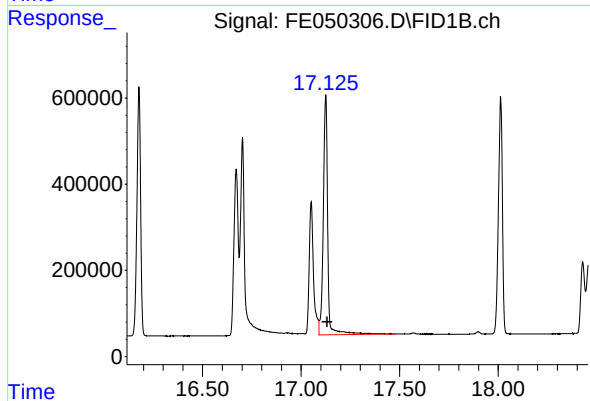
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.011 min
Response: 14724469
Conc: 112.75 ug/ml



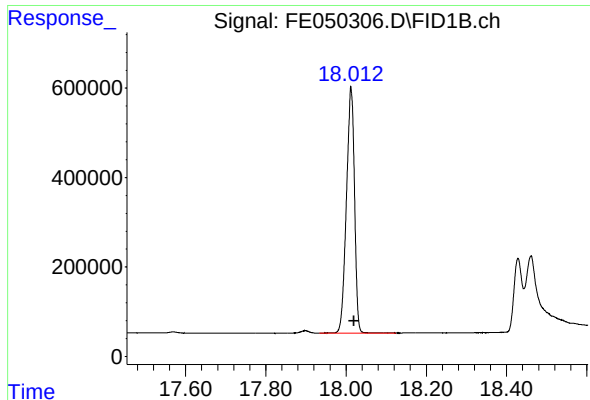
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: -0.007 min
Response: 7411990
Conc: 57.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.009 min
Response: 8684091
Conc: 67.42 ug/ml



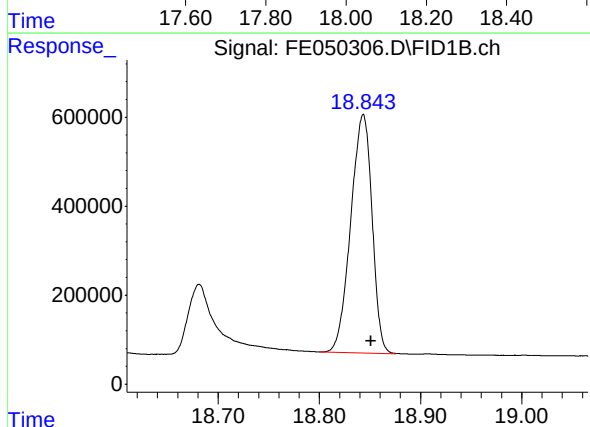
#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: -0.008 min
Response: 7690287
Conc: 57.51 ug/ml

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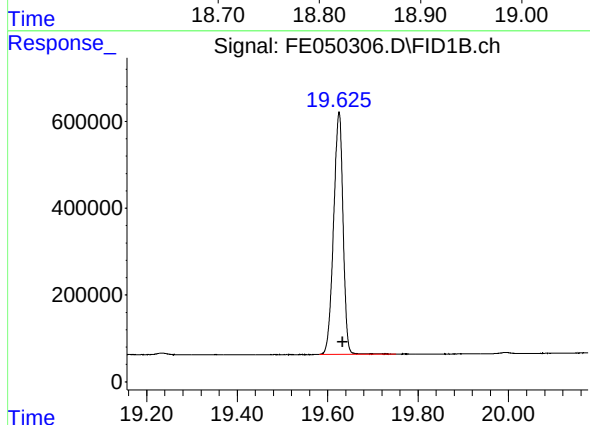
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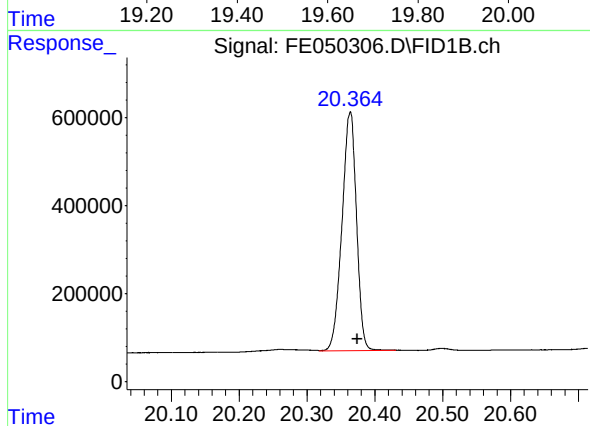
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.008 min
Response: 7849926
Conc: 58.91 ug/ml



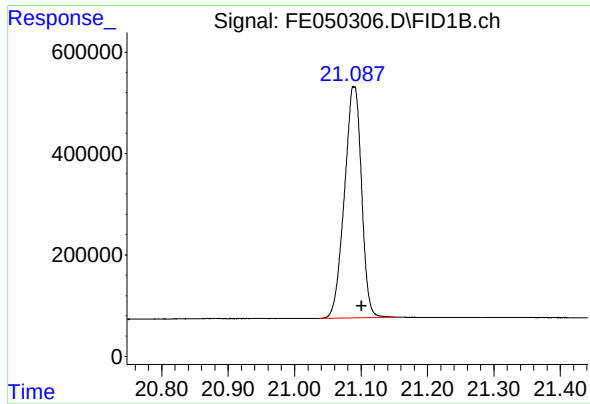
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.009 min
Response: 8106805
Conc: 65.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.011 min
Response: 8067976
Conc: 72.72 ug/ml



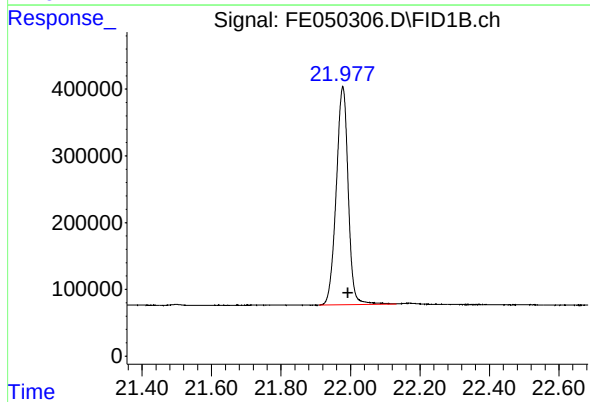
#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.014 min
Response: 8168723
Conc: 74.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.015 min
Response: 7800354
Conc: 71.68 ug/ml m