

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013125AL\
 Data File : FD049021.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 10:24
 Operator : YP/AJ
 Sample : PP24161
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PP24161

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e

Quant Time: Feb 01 03:44:38 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 05:57:24 2025

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			
Target Compounds			
1) T n-Nonane (C9)	3.135	13996286	87.519 ug/ml
2) T n-Decane (C10)	4.166	14076462	86.330 ug/ml
3) T A~Naphthalene (C11.7)	5.705	16098062	94.200 ug/ml
4) T n-Dodecane (C12)	6.150	14219367	85.855 ug/ml
5) T A~2-methylnaphthalene...	6.749	14853077	92.143 ug/ml
6) T n-Tetradecane (C14)	7.931	14425752	87.260 ug/ml
7) T n-Hexadecane (C16)	9.518	14497652	84.081 ug/ml
8) T n-Octadecane (C18)	10.950	14621483	82.924 ug/ml
10) T n-Eicosane (C20)	12.254	16176285	93.991 ug/ml
11) T n-Heneicosane (C21)	12.860	14495225	85.126 ug/ml
13) T n-Docosane (C22)	13.443	14458311	85.025 ug/ml
14) T n-Tetracosane (C24)	14.495	30037256	176.311 ug/mlm
15) T n-Hexacosane (C26)	15.559	14043698	83.845 ug/ml
16) T n-Octacosane (C28)	16.500	13970568	83.982 ug/ml
17) T n-Tricontane (C30)	17.388	13702096	79.824 ug/ml
18) T n-Dotriacontane (C32)	18.210	13295356	81.327 ug/ml
19) T n-Tetratriacontane (C34)	18.990	12901275	92.603 ug/ml
20) T n-Hexatriacontane (C36)	19.725	12207202	106.160 ug/ml
21) T n-Octatriacontane (C38)	20.421	11826369	114.133 ug/ml
22) T n-Tetracontane (C40)	21.196	11495369	119.945 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PP24161
Misc :
ALS Vial : 11 Sample Multiplier: 1

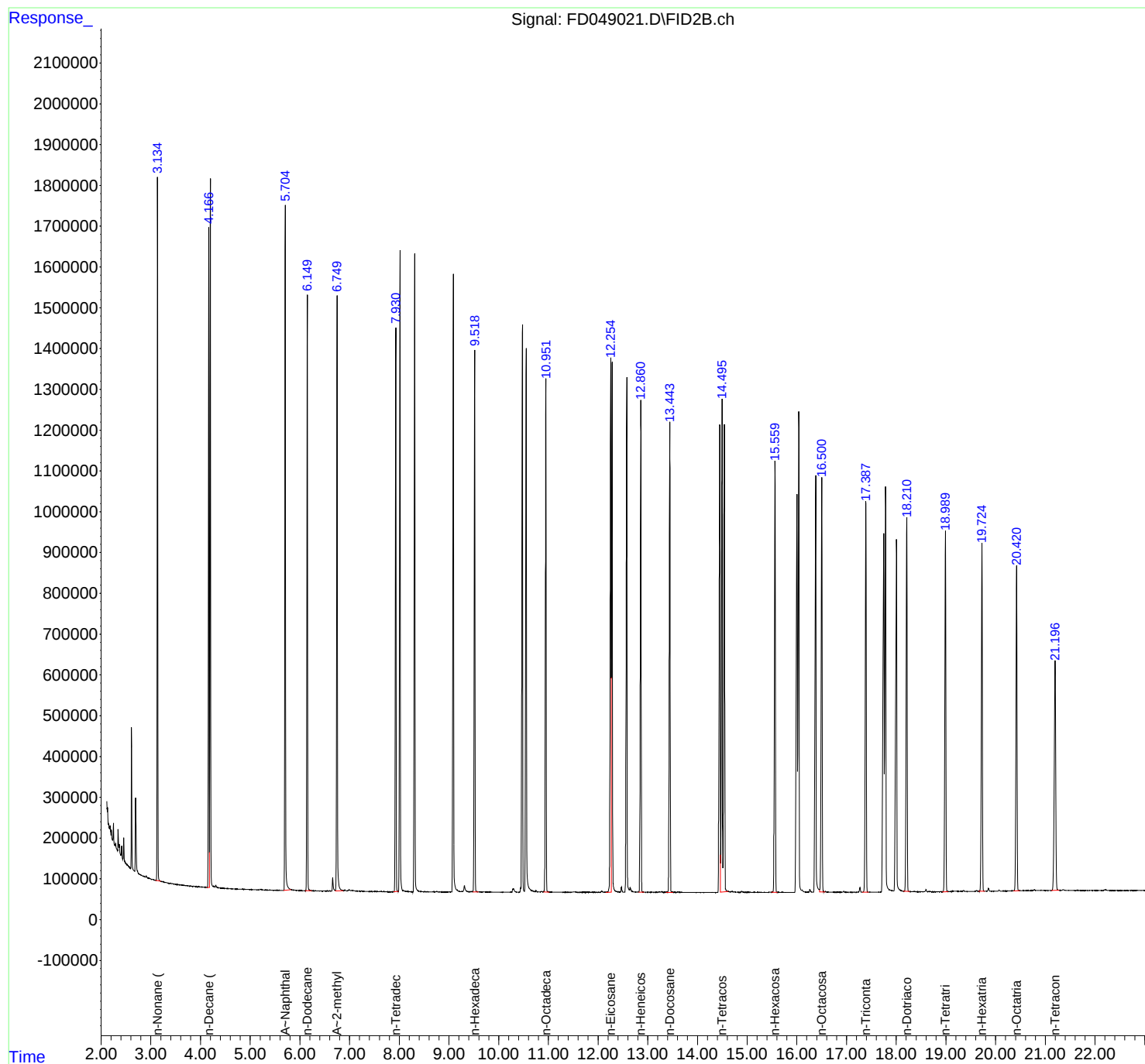
Instrument :
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PP24161

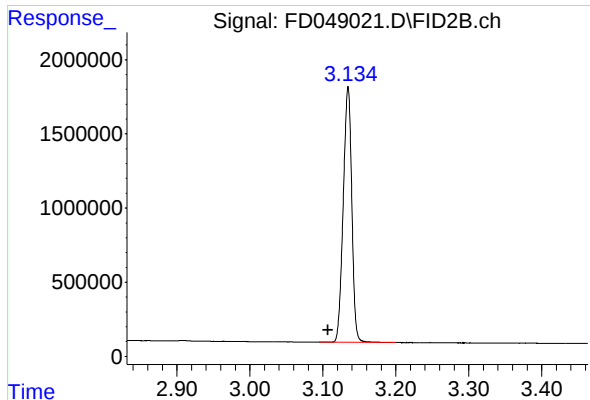
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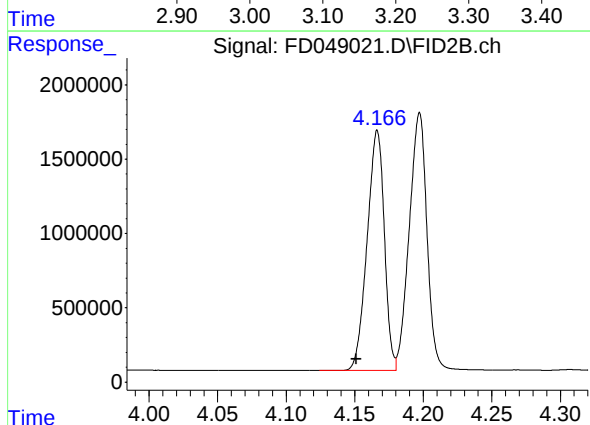
#1 n-Nonane (C9)

R.T.: 3.135 min
Delta R.T.: 0.028 min
Response: 13996286
Conc: 87.52 ug/ml

Instrument :
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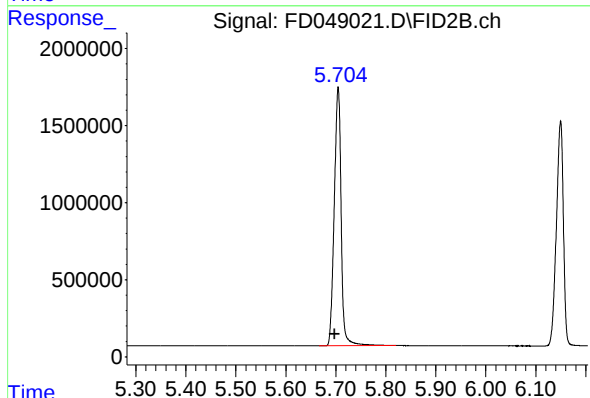
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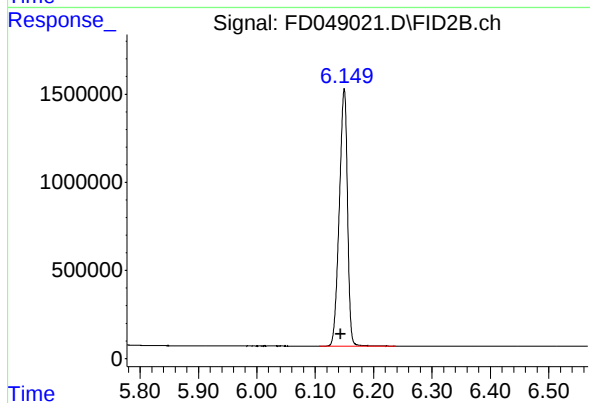
#2 n-Decane (C10)

R.T.: 4.166 min
Delta R.T.: 0.015 min
Response: 14076462
Conc: 86.33 ug/ml



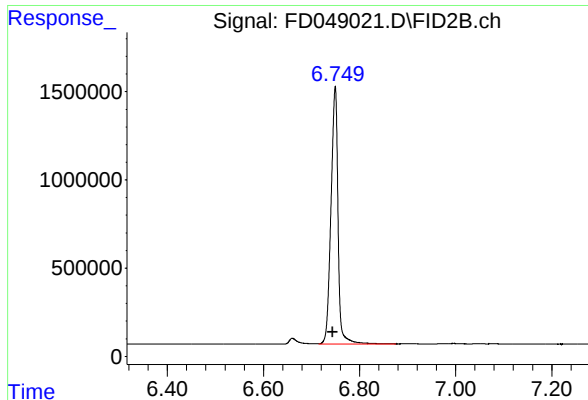
#3 A~Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: 0.007 min
Response: 16098062
Conc: 94.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.150 min
Delta R.T.: 0.007 min
Response: 14219367
Conc: 85.86 ug/ml



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

R.T.: 6.749 min
Delta R.T.: 0.005 min
Response: 14853077
Conc: 92.14 ug/ml

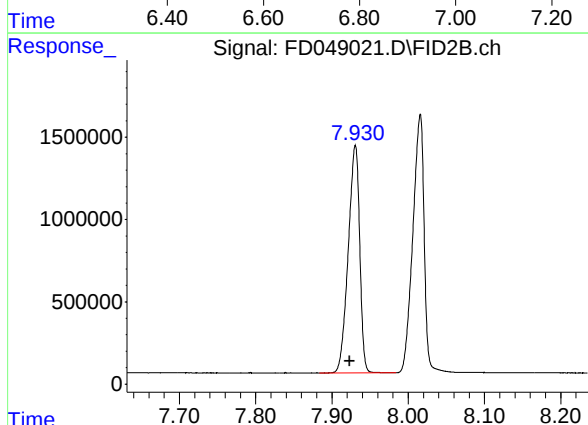
Instrument :

FID_D

ClientSampleId :
PP24161

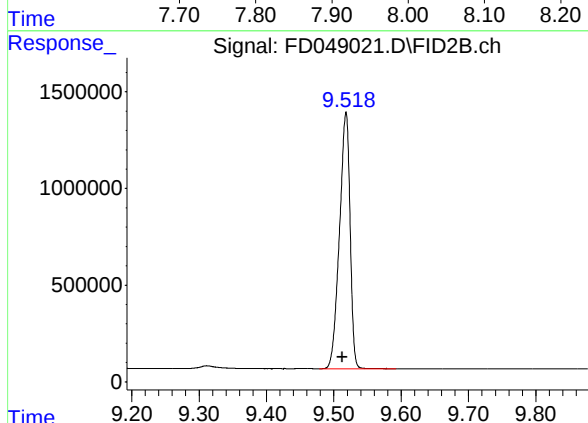
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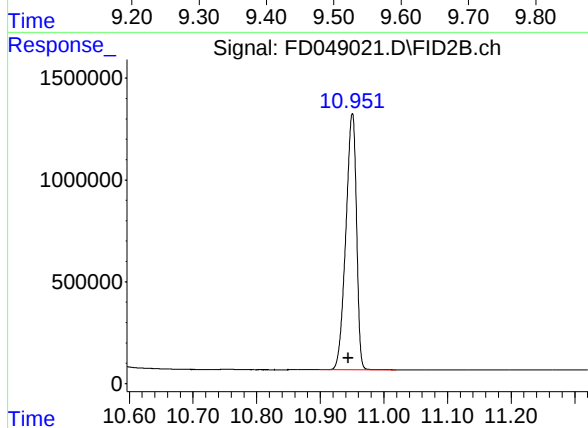
#6 n-Tetradecane (C14)

R.T.: 7.931 min
Delta R.T.: 0.007 min
Response: 14425752
Conc: 87.26 ug/ml



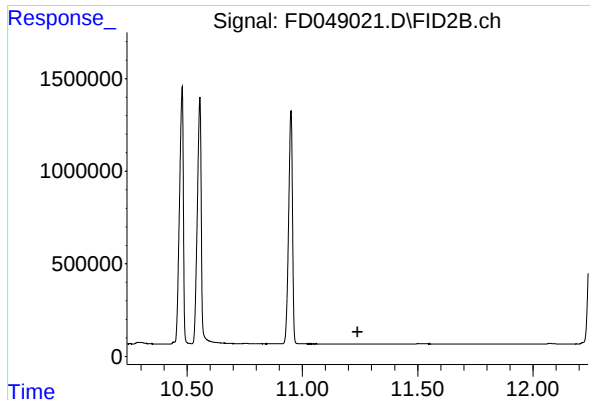
#7 n-Hexadecane (C16)

R.T.: 9.518 min
Delta R.T.: 0.005 min
Response: 14497652
Conc: 84.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.950 min
Delta R.T.: 0.006 min
Response: 14621483
Conc: 82.92 ug/ml



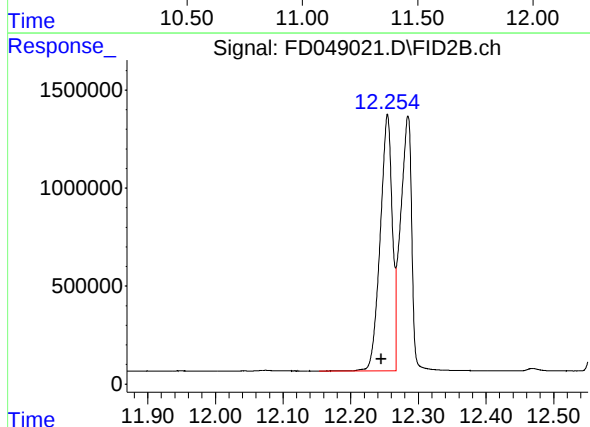
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.239 min
Response: 0
Conc: N.D.

Instrument :
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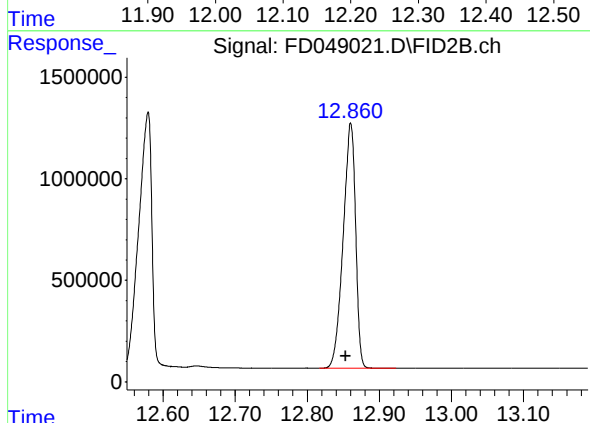
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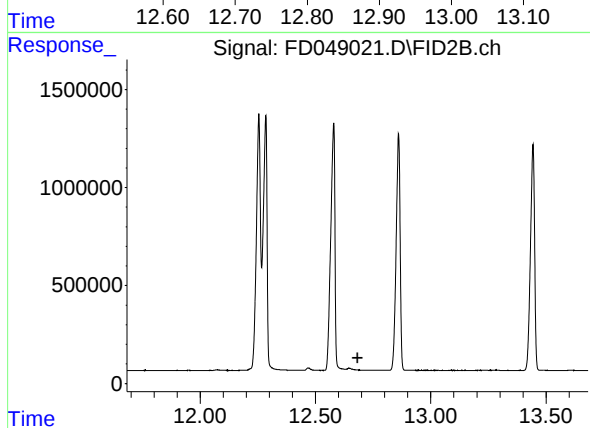
#10 n-Eicosane (C20)

R.T.: 12.254 min
Delta R.T.: 0.009 min
Response: 16176285
Conc: 93.99 ug/ml



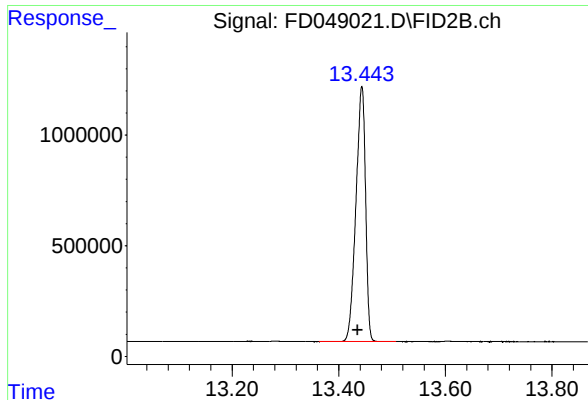
#11 n-Heneicosane (C21)

R.T.: 12.860 min
Delta R.T.: 0.007 min
Response: 14495225
Conc: 85.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 12.682 min
Response: 0
Conc: N.D.



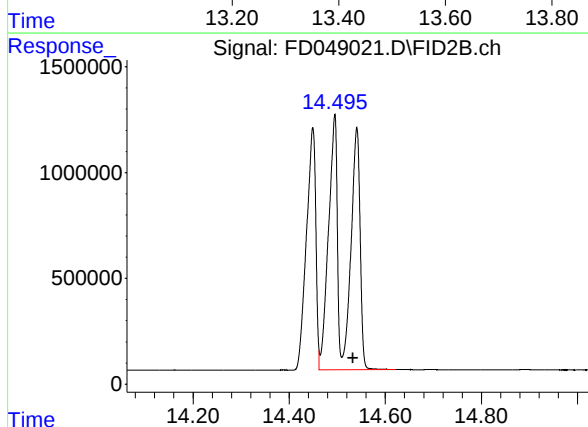
#13 n-Docosane (C22)

R.T.: 13.443 min
Delta R.T.: 0.007 min
Response: 14458311
Conc: 85.03 ug/ml

Instrument :
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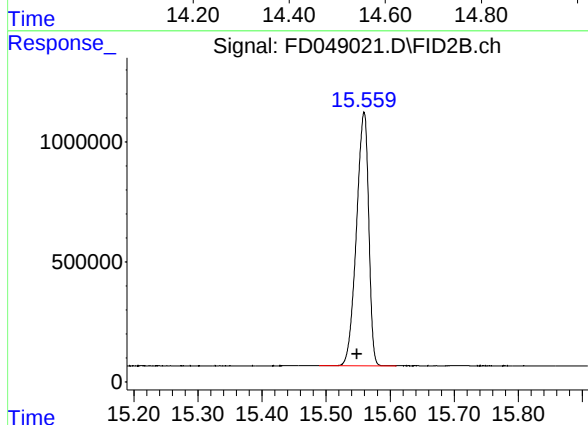
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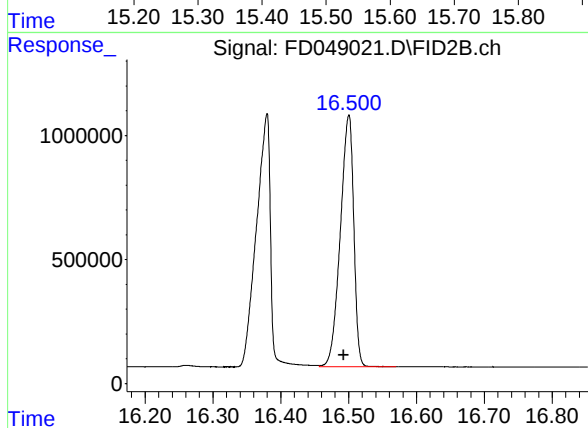
#14 n-Tetracosane (C24)

R.T.: 14.495 min
Delta R.T.: -0.038 min
Response: 30037256
Conc: 176.31 ug/ml m



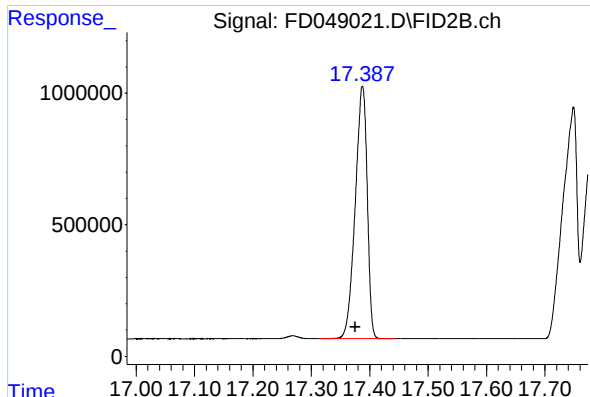
#15 n-Hexacosane (C26)

R.T.: 15.559 min
Delta R.T.: 0.011 min
Response: 14043698
Conc: 83.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.500 min
Delta R.T.: 0.008 min
Response: 13970568
Conc: 83.98 ug/ml



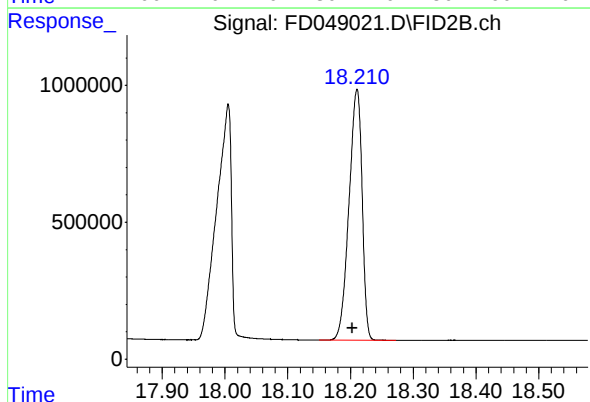
#17 n-Tricontane (C30)

R.T.: 17.388 min
Delta R.T.: 0.013 min
Response: 13702096
Conc: 79.82 ug/ml

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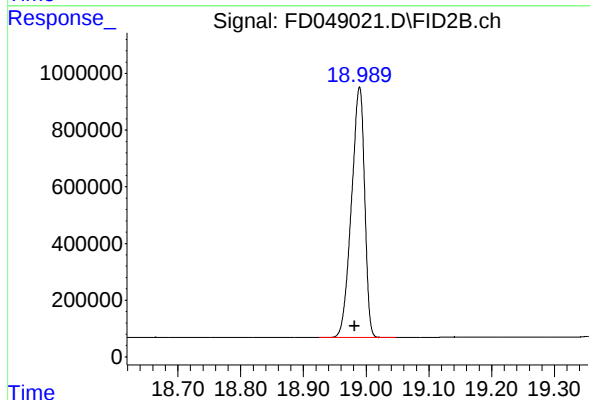
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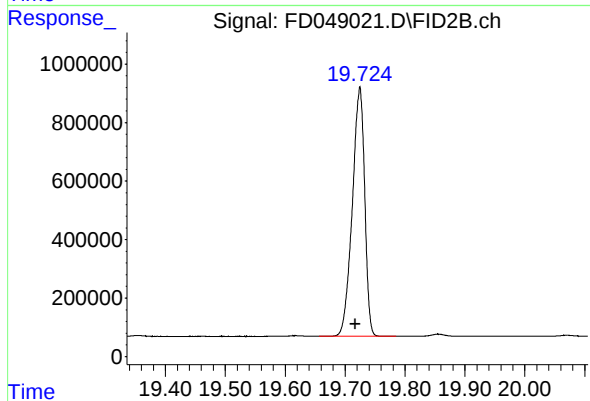
#18 n-Dotriacontane (C32)

R.T.: 18.210 min
Delta R.T.: 0.008 min
Response: 13295356
Conc: 81.33 ug/ml



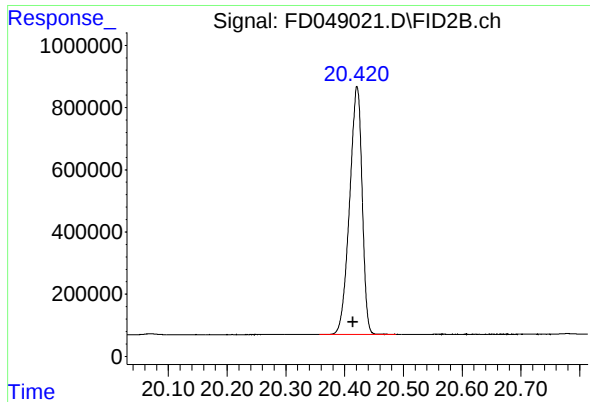
#19 n-Tetratriacontane (C34)

R.T.: 18.990 min
Delta R.T.: 0.008 min
Response: 12901275
Conc: 92.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.725 min
Delta R.T.: 0.008 min
Response: 12207202
Conc: 106.16 ug/ml



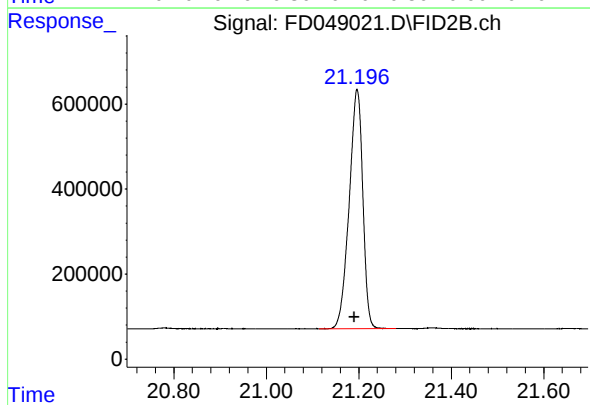
#21 n-Octatriacontane (C38)

R.T.: 20.421 min
Delta R.T.: 0.007 min
Response: 11826369
Conc: 114.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.196 min
Delta R.T.: 0.006 min
Response: 11495369
Conc: 119.94 ug/ml