

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090524AL\
 Data File : FE049933.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2024 13:34
 Operator : YP\AJ
 Sample : PB163166BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163166BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/06/2024

Supervised By :Ankita Jodhani 09/06/2024

Integration File: autoint1.e

Quant Time: Sep 06 01:30:57 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.879	6428285	39.752 ug/ml
Spiked Amount 50.000		Recovery =	79.50%
12) S 1-chlorooctadecane (S...	13.313	5314987	43.563 ug/ml
Spiked Amount 50.000		Recovery =	87.13%
Target Compounds			
1) T n-Nonane (C9)	3.279	6855104	44.297 ug/ml
2) T n-Decane (C10)	4.524	7267921	46.031 ug/ml
3) T A~Naphthalene (C11.7)	6.227	7469969	46.555 ug/ml
4) T n-Dodecane (C12)	6.687	7496996	47.688 ug/ml
5) T A~2-methylnaphthalene...	7.322	7191030	48.019 ug/ml
6) T n-Tetradecane (C14)	8.514	7504787	48.612 ug/ml
7) T n-Hexadecane (C16)	10.119	7370387	47.191 ug/ml
8) T n-Octadecane (C18)	11.561	7448119	47.424 ug/ml
10) T n-Eicosane (C20)	12.869	7420690	49.701 ug/ml
11) T n-Heneicosane (C21)	13.480	7203650	49.106 ug/ml
13) T n-Docosane (C22)	14.065	7084599	48.607 ug/ml
14) T n-Tetracosane (C24)	15.162	13334551	91.668 ug/ml
15) T n-Hexacosane (C26)	16.187	6942045	48.100 ug/ml
16) T n-Octacosane (C28)	17.134	7762636	53.893 ug/ml
17) T n-Tricontane (C30)	18.021	7154965	47.794 ug/ml
18) T n-Dotriacontane (C32)	18.851	7344435	48.548 ug/mlm
19) T n-Tetratriacontane (C34)	19.634	7593025	49.666 ug/ml
20) T n-Hexatriacontane (C36)	20.376	7681356	50.584 ug/mlm
21) T n-Octatriacontane (C38)	21.102	7859446	50.075 ug/ml
22) T n-Tetracontane (C40)	21.993	7608488	49.833 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163166BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

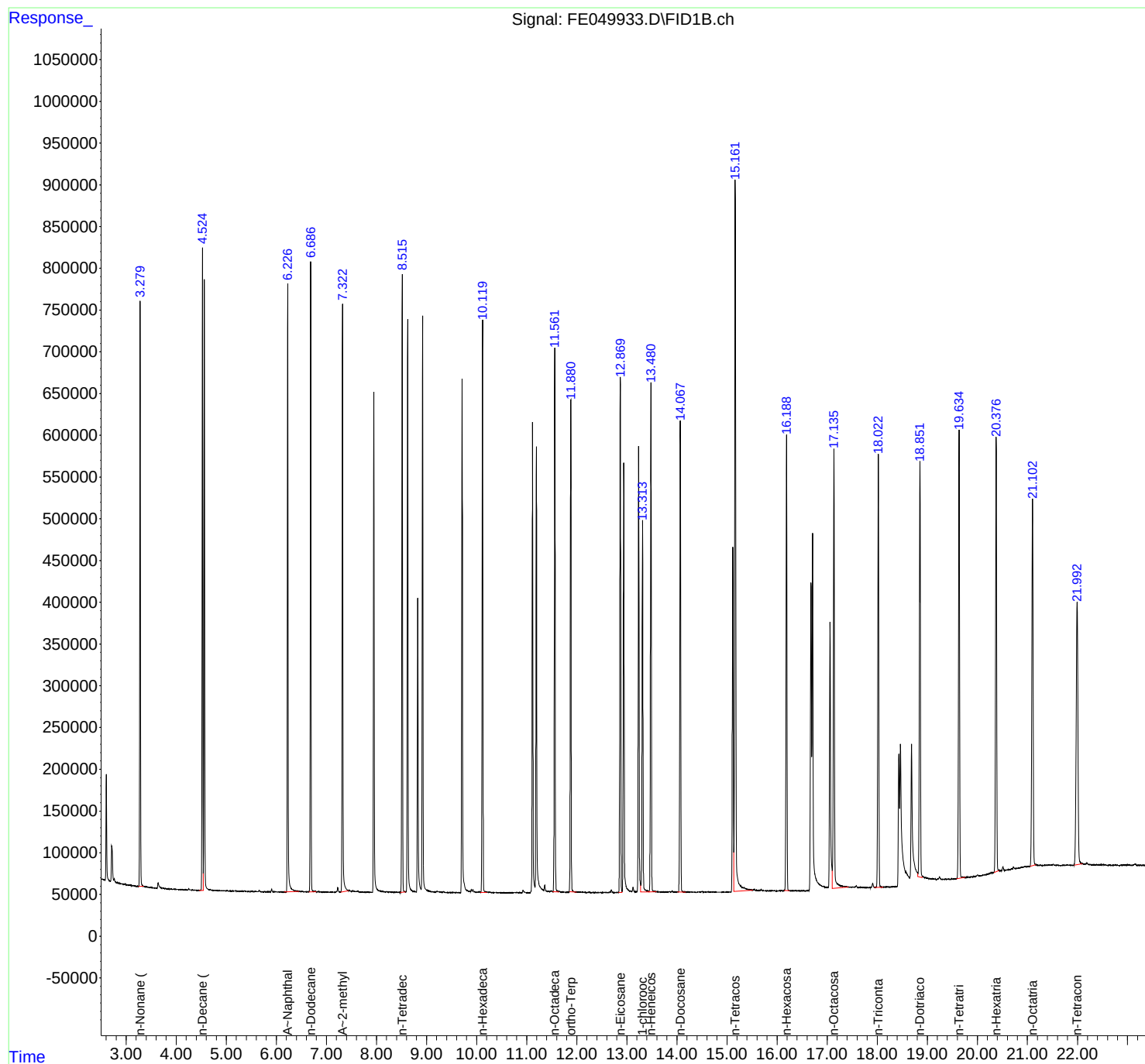
Instrument :
FID_E
ClientSampleId :
PB163166BS

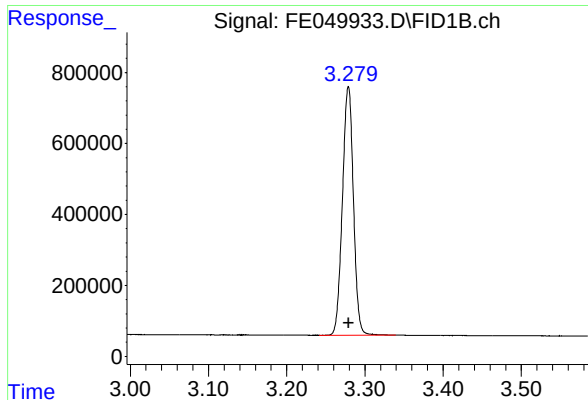
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Signal Info : 20M x 0.18mm x 0.18um





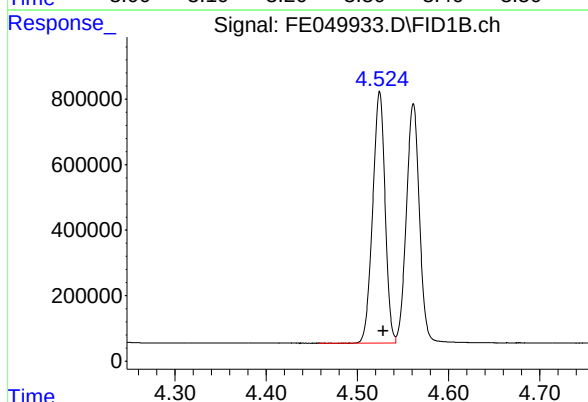
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 6855104
Conc: 44.30 ug/ml

Instrument :
FID_E
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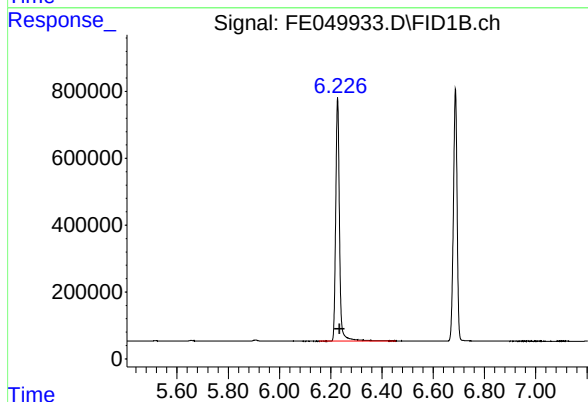
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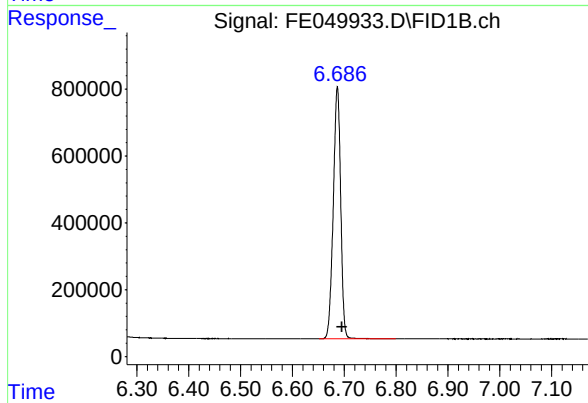
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 7267921
Conc: 46.03 ug/ml



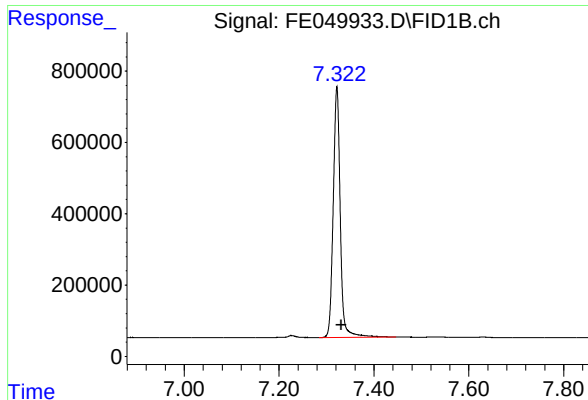
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.008 min
Response: 7469969
Conc: 46.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.009 min
Response: 7496996
Conc: 47.69 ug/ml



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

R.T.: 7.322 min
Delta R.T.: -0.009 min
Response: 7191030
Conc: 48.02 ug/ml

Instrument :

FID_E

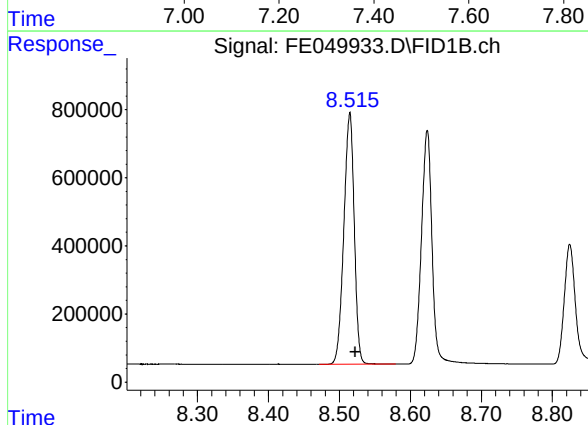
ClientSampleId :

PB163166BS

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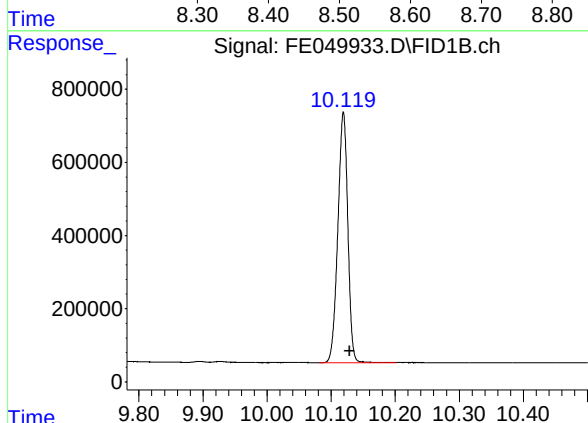
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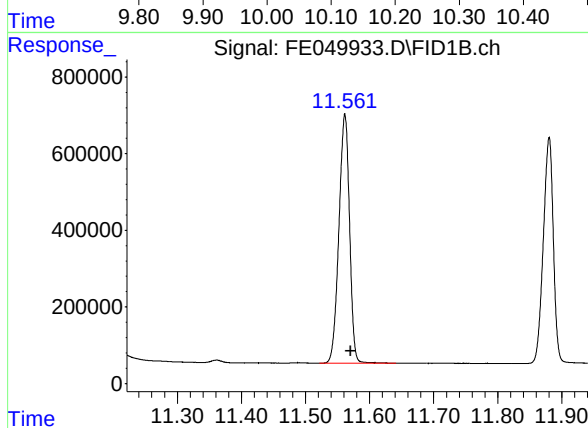
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.008 min
Response: 7504787
Conc: 48.61 ug/ml



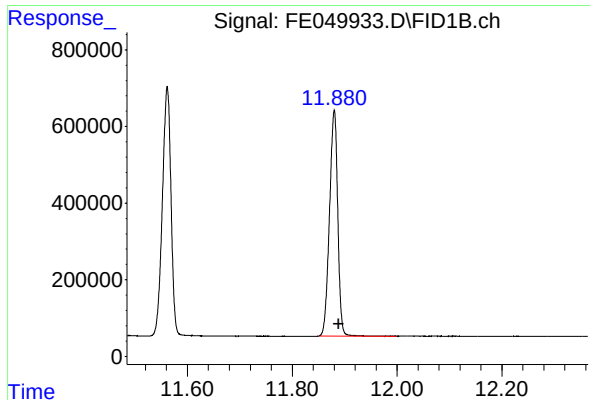
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.010 min
Response: 7370387
Conc: 47.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.010 min
Response: 7448119
Conc: 47.42 ug/ml



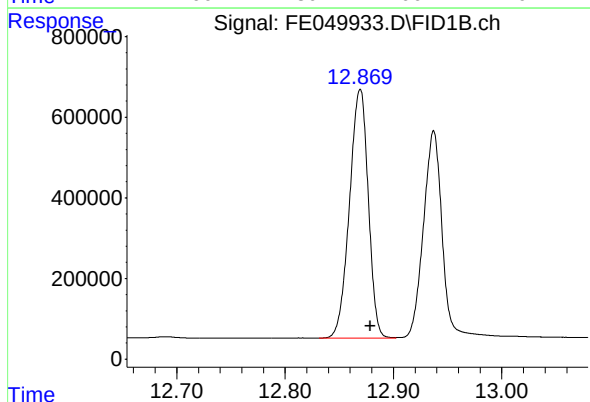
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: -0.009 min
Response: 6428285
Conc: 39.75 ug/ml

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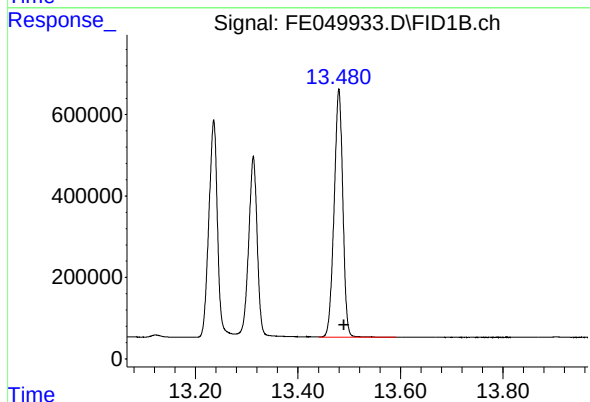
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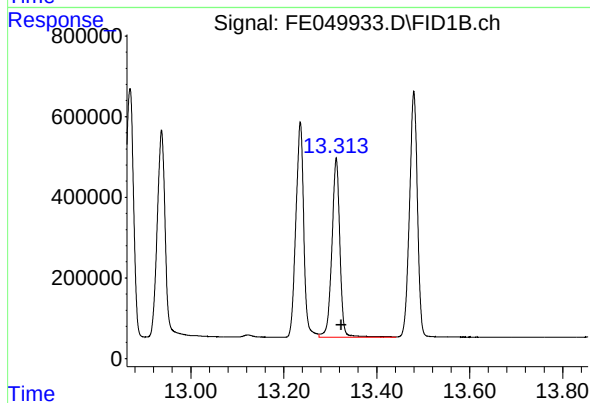
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.010 min
Response: 7420690
Conc: 49.70 ug/ml



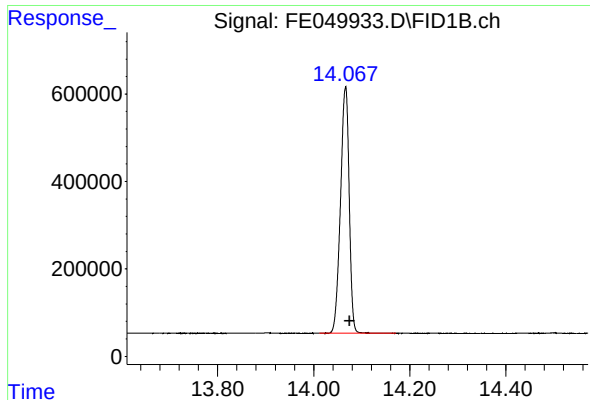
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.010 min
Response: 7203650
Conc: 49.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.011 min
Response: 5314987
Conc: 43.56 ug/ml



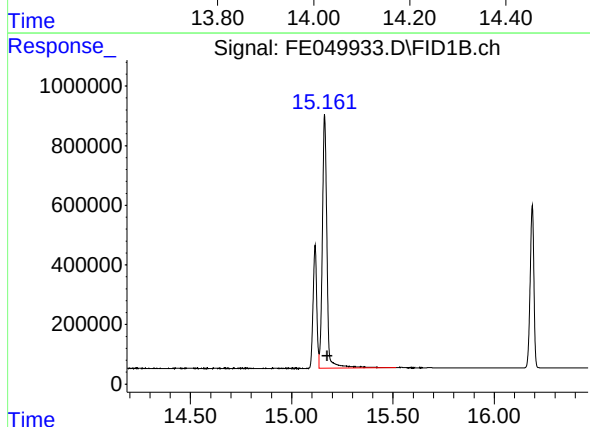
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.010 min
Response: 7084599
Conc: 48.61 ug/ml

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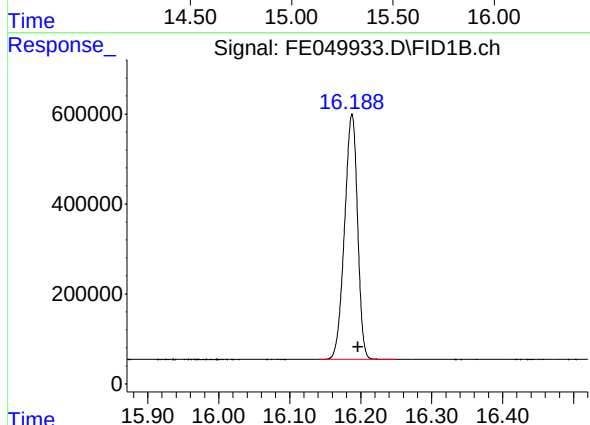
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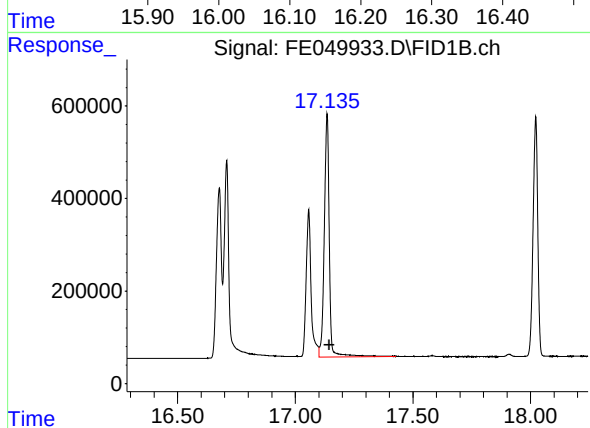
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.014 min
Response: 13334551
Conc: 91.67 ug/ml



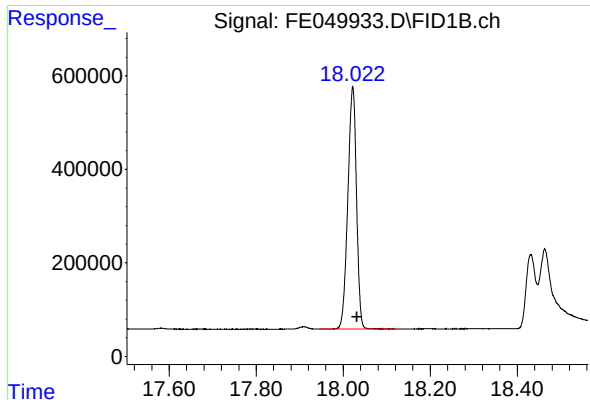
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.009 min
Response: 6942045
Conc: 48.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.011 min
Response: 7762636
Conc: 53.89 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.010 min
Response: 7154965
Conc: 47.79 ug/ml

Instrument :

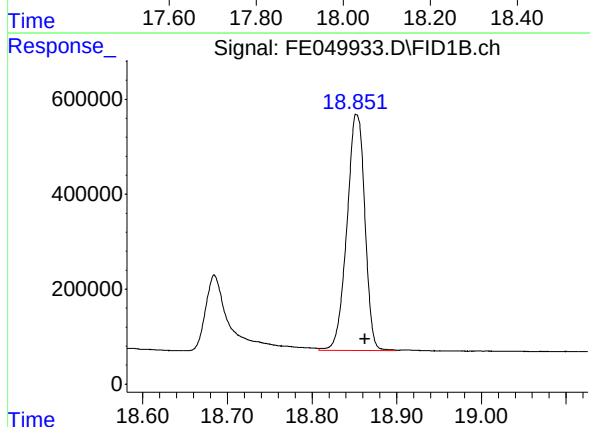
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ClientSampleId :

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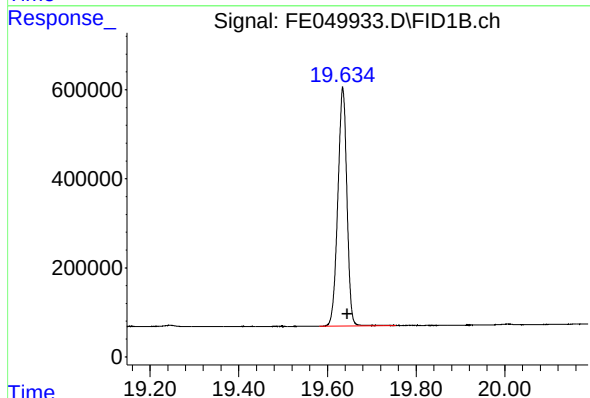
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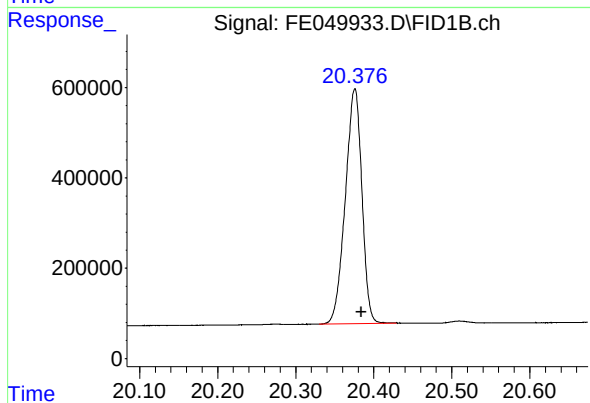
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.011 min
Response: 7344435
Conc: 48.55 ug/ml m



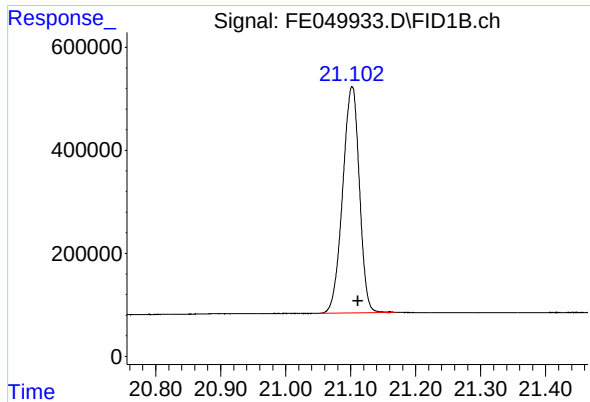
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.010 min
Response: 7593025
Conc: 49.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 7681356
Conc: 50.58 ug/ml m



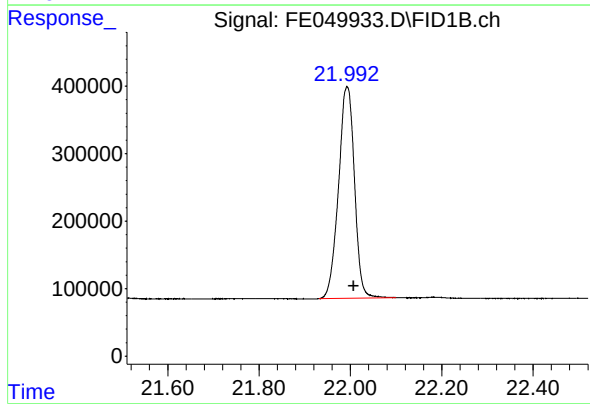
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.010 min
Response: 7859446
Conc: 50.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.015 min
Response: 7608488
Conc: 49.83 ug/ml