

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
 Data File : FE049998.D
 Signal(s) : FID1B.ch
 Acq On : 10 Sep 2024 13:30
 Operator : YP\AJ
 Sample : PB163248BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163248BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/11/2024

Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e

Quant Time: Sep 11 03:17:56 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	6877921	46.229 ug/ml
Spiked Amount 50.000		Recovery =	92.46%
12) S 1-chlorooctadecane (S...	13.311	5773107	51.395 ug/ml
Spiked Amount 50.000		Recovery =	102.79%
Target Compounds			
1) T n-Nonane (C9)	3.282	8969476	66.173 ug/ml
2) T n-Decane (C10)	4.525	9450766	68.478 ug/ml
3) T A~Naphthalene (C11.7)	6.227	9761797	69.743 ug/ml
4) T n-Dodecane (C12)	6.686	9733830	70.390 ug/ml
5) T A~2-methylnaphthalene...	7.321	9361313	71.222 ug/ml
6) T n-Tetradecane (C14)	8.514	9743042	71.550 ug/ml
7) T n-Hexadecane (C16)	10.118	9581727	68.982 ug/ml
8) T n-Octadecane (C18)	11.560	9694492	69.196 ug/ml
10) T n-Eicosane (C20)	12.869	9680214	72.163 ug/ml
11) T n-Heneicosane (C21)	13.480	9407662	71.597 ug/ml
13) T n-Docosane (C22)	14.064	9268553	71.178 ug/ml
14) T n-Tetracosane (C24)	15.164	17432987	133.494 ug/ml
15) T n-Hexacosane (C26)	16.187	9075013	70.932 ug/ml
16) T n-Octacosane (C28)	17.134	10201320	79.197 ug/ml
17) T n-Tricontane (C30)	18.022	9367056	70.049 ug/ml
18) T n-Dotriacontane (C32)	18.853	9745922	73.137 ug/mlm
19) T n-Tetratriacontane (C34)	19.636	10264662	83.074 ug/ml
20) T n-Hexatriacontane (C36)	20.376	10741736	96.816 ug/ml
21) T n-Octatriacontane (C38)	21.103	11388519	103.270 ug/ml
22) T n-Tetracontane (C40)	21.995	11205840	102.981 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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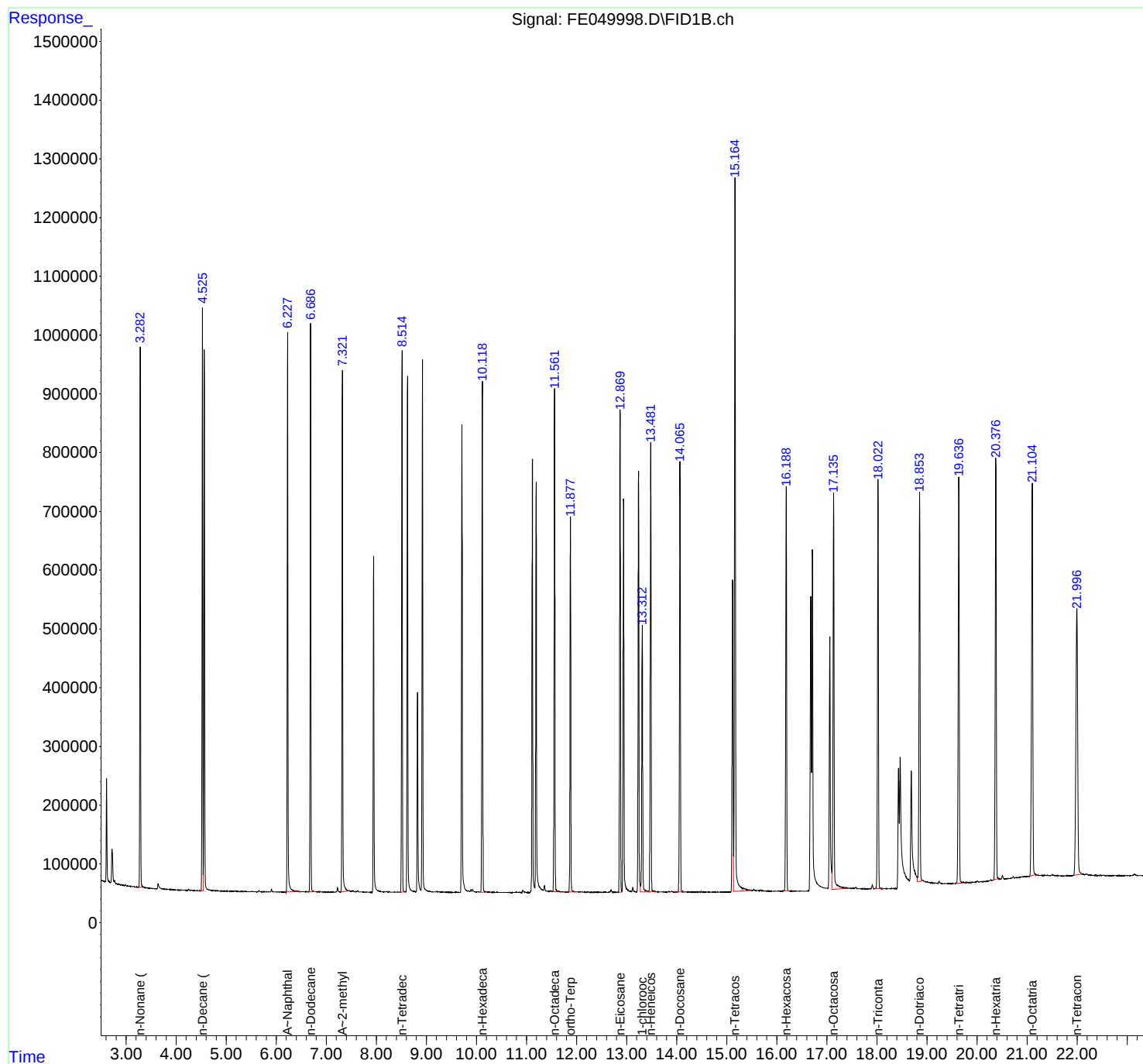
Response via : Initial Calibration

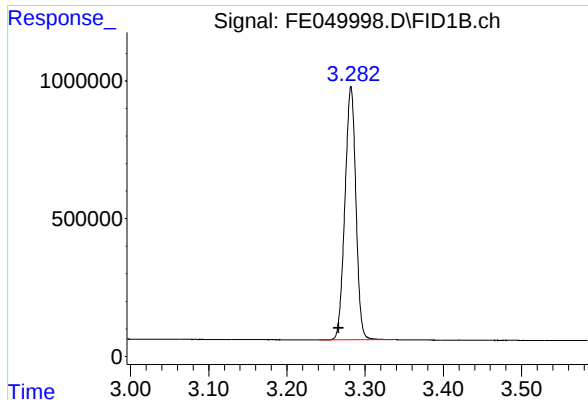
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





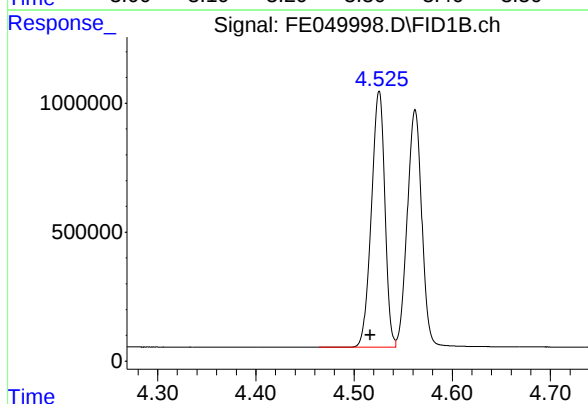
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.016 min
Response: 8969476
Conc: 66.17 ug/ml

Instrument :
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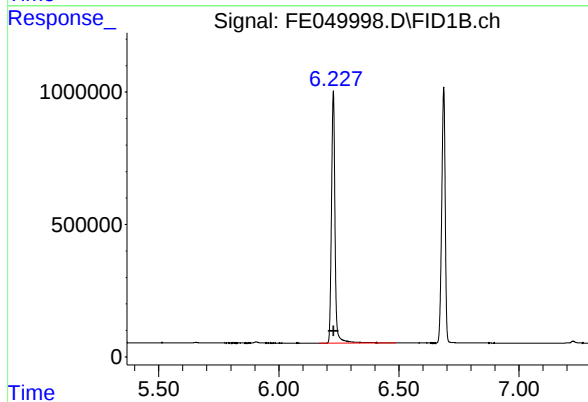
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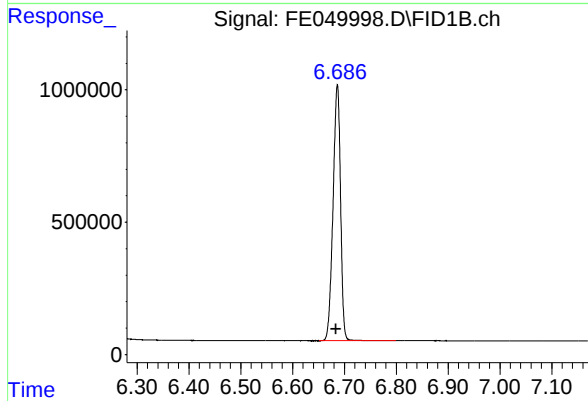
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.009 min
Response: 9450766
Conc: 68.48 ug/ml



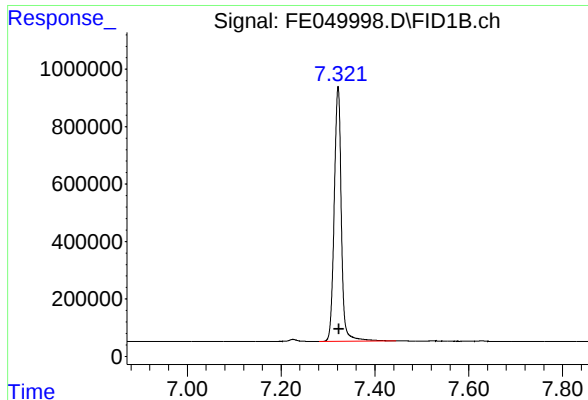
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 9761797
Conc: 69.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.002 min
Response: 9733830
Conc: 70.39 ug/ml



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

R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 9361313
Conc: 71.22 ug/ml

Instrument :

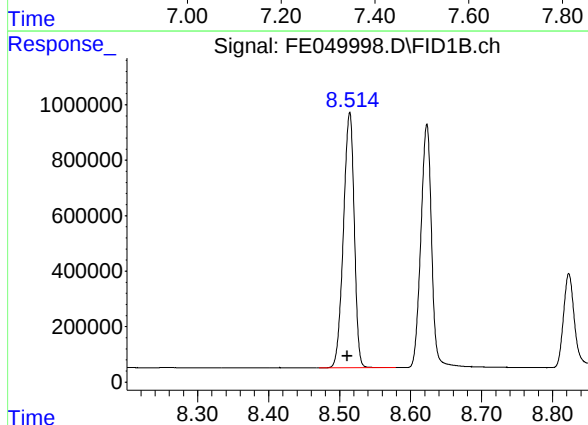
FID_E

ClientSampleId :

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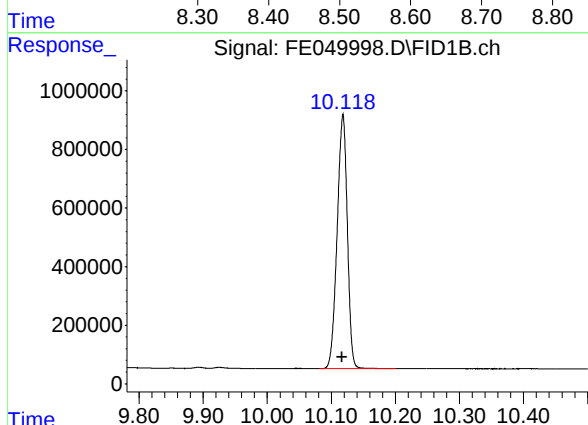
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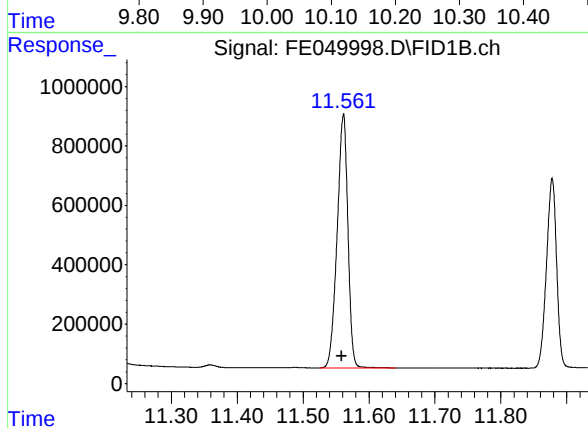
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.003 min
Response: 9743042
Conc: 71.55 ug/ml



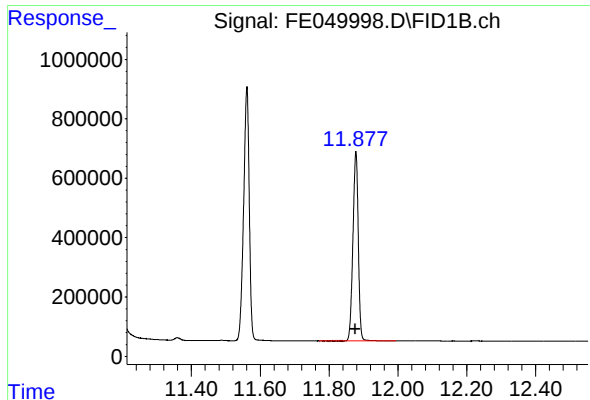
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.000 min
Response: 9581727
Conc: 68.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 9694492
Conc: 69.20 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: 0.000 min
Response: 6877921
Conc: 46.23 ug/ml

Instrument :

FID_E

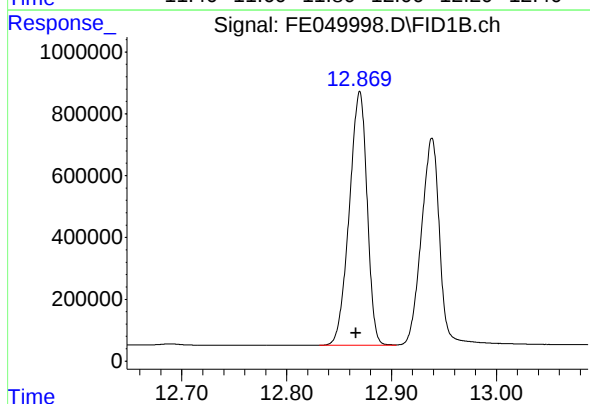
ClientSampleId :

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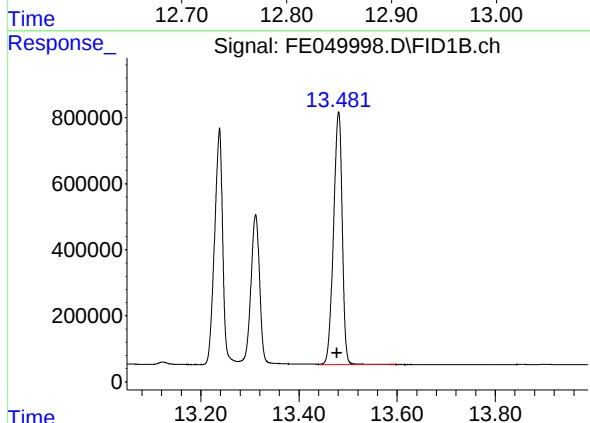
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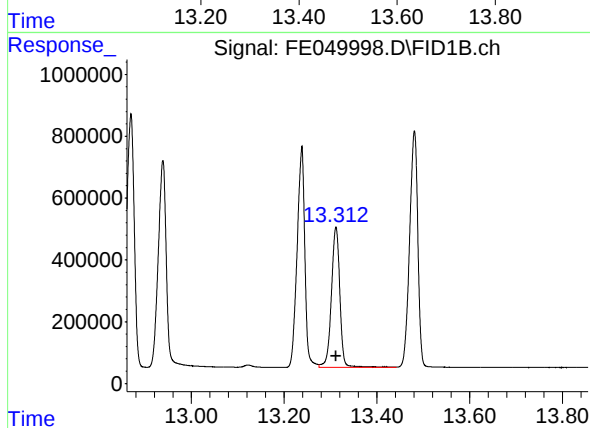
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.003 min
Response: 9680214
Conc: 72.16 ug/ml



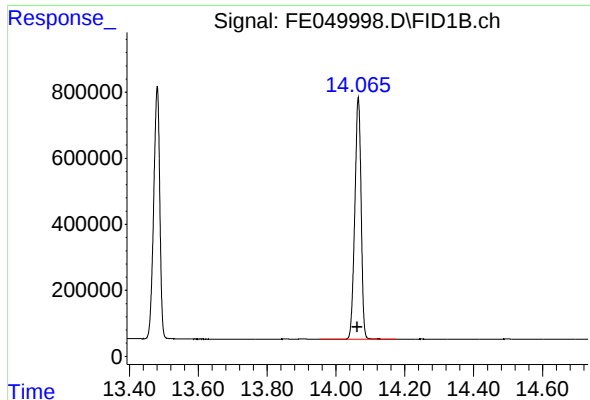
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.003 min
Response: 9407662
Conc: 71.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 5773107
Conc: 51.40 ug/ml



#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: 0.002 min
Response: 9268553
Conc: 71.18 ug/ml

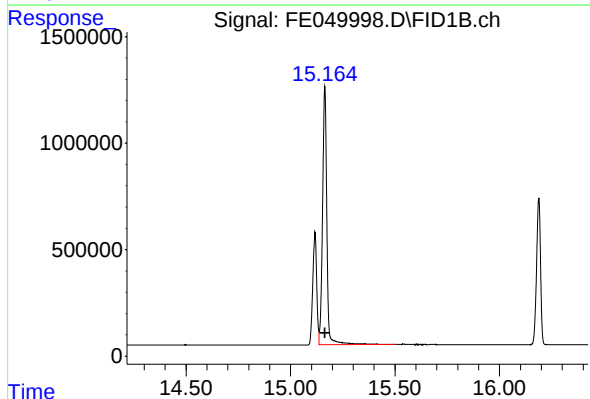
Instrument :

FID_E

ClientSampleId :
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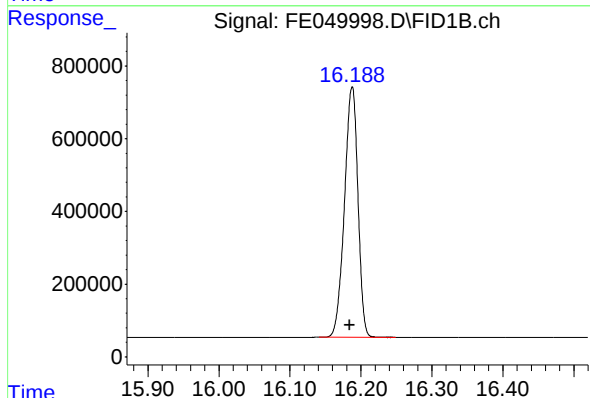
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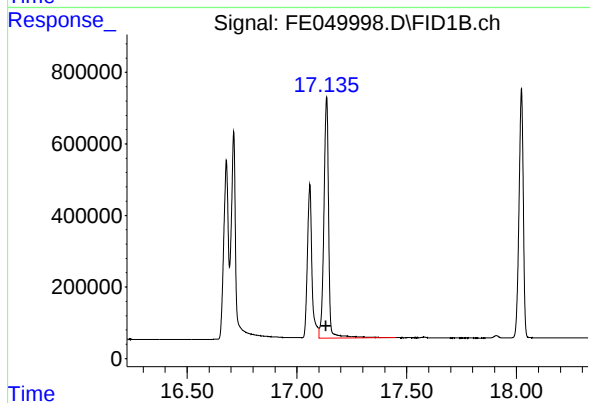
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.000 min
Response: 17432987
Conc: 133.49 ug/ml



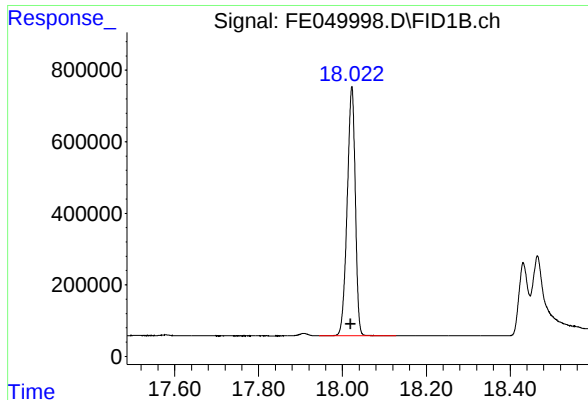
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: 0.003 min
Response: 9075013
Conc: 70.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: 0.001 min
Response: 10201320
Conc: 79.20 ug/ml



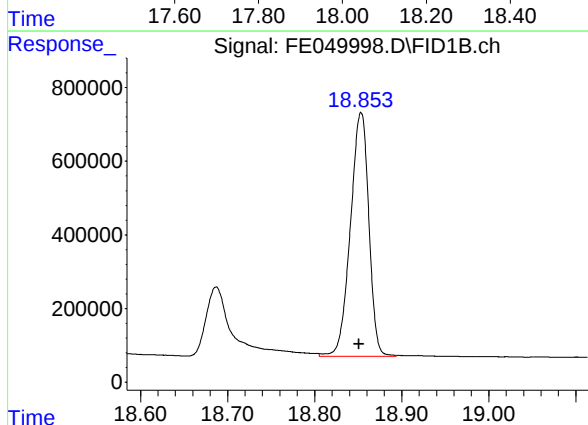
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: 0.002 min
Response: 9367056
Conc: 70.05 ug/ml

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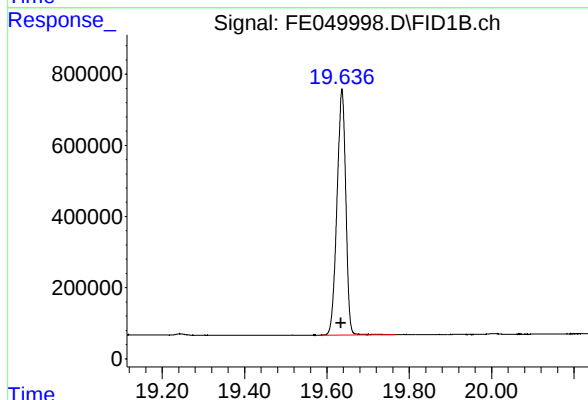
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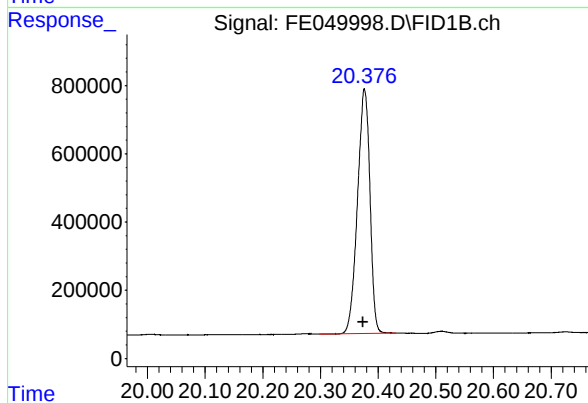
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.002 min
Response: 9745922
Conc: 73.14 ug/ml



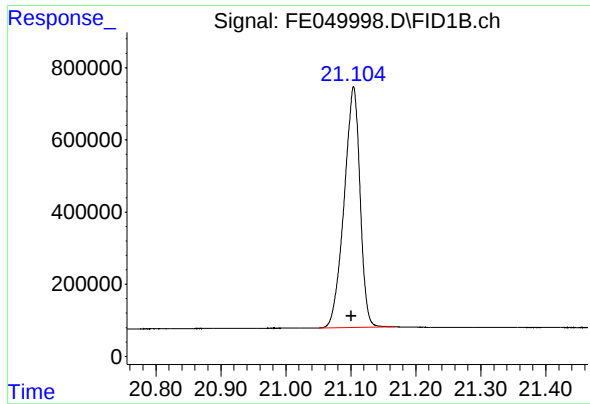
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: 0.002 min
Response: 10264662
Conc: 83.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: 0.002 min
Response: 10741736
Conc: 96.82 ug/ml



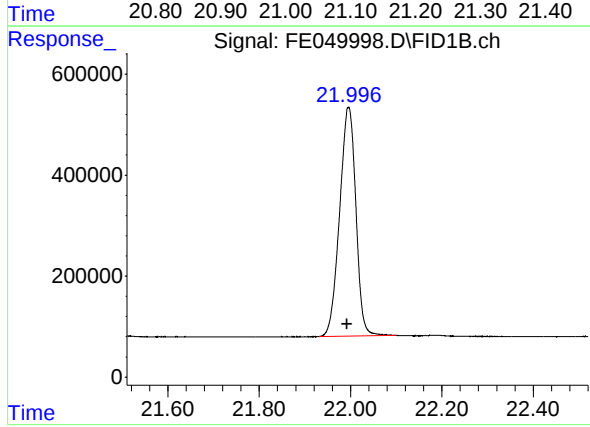
#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: 0.002 min
Response: 11388519
Conc: 103.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: 0.003 min
Response: 11205840
Conc: 102.98 ug/ml