

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049866.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2024 01:54
 Operator : YP\AJ
 Sample : PB163095BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163095BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/03/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 31 04:16:51 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			
12) S 1-chlorooctadecane (S...	13.313	3679245	30.156 ug/ml
Spiked Amount 50.000		Recovery =	60.31%
Target Compounds			
1) T n-Nonane (C9)	3.269	2881279	18.618 ug/ml
2) T n-Decane (C10)	4.519	3531830	22.369 ug/mlm
4) T n-Dodecane (C12)	6.686	4148202	26.387 ug/ml
6) T n-Tetradecane (C14)	8.514	4550987	29.479 ug/ml
7) T n-Hexadecane (C16)	10.119	4854776	31.084 ug/ml
8) T n-Octadecane (C18)	11.561	5209311	33.169 ug/ml
10) T n-Eicosane (C20)	12.869	5450755	36.507 ug/ml
11) T n-Heneicosane (C21)	13.480	5337512	36.385 ug/ml
13) T n-Docosane (C22)	14.065	5287644	36.278 ug/ml
14) T n-Tetracosane (C24)	15.167	5229009	35.947 ug/ml
15) T n-Hexacosane (C26)	16.185	5145170	35.650 ug/ml
16) T n-Octacosane (C28)	17.134	5220119	36.241 ug/ml
17) T n-Tricontane (C30)	18.020	5341427	35.680 ug/ml
18) T n-Dotriacontane (C32)	18.851	5416721	35.805 ug/ml
19) T n-Tetratriacontane (C34)	19.634	5644019	36.918 ug/ml
20) T n-Hexatriacontane (C36)	20.373	5712902	37.621 ug/mlm
21) T n-Octatriacontane (C38)	21.102	5799627	36.951 ug/ml
22) T n-Tetracontane (C40)	21.993	5703964	37.359 ug/mlm

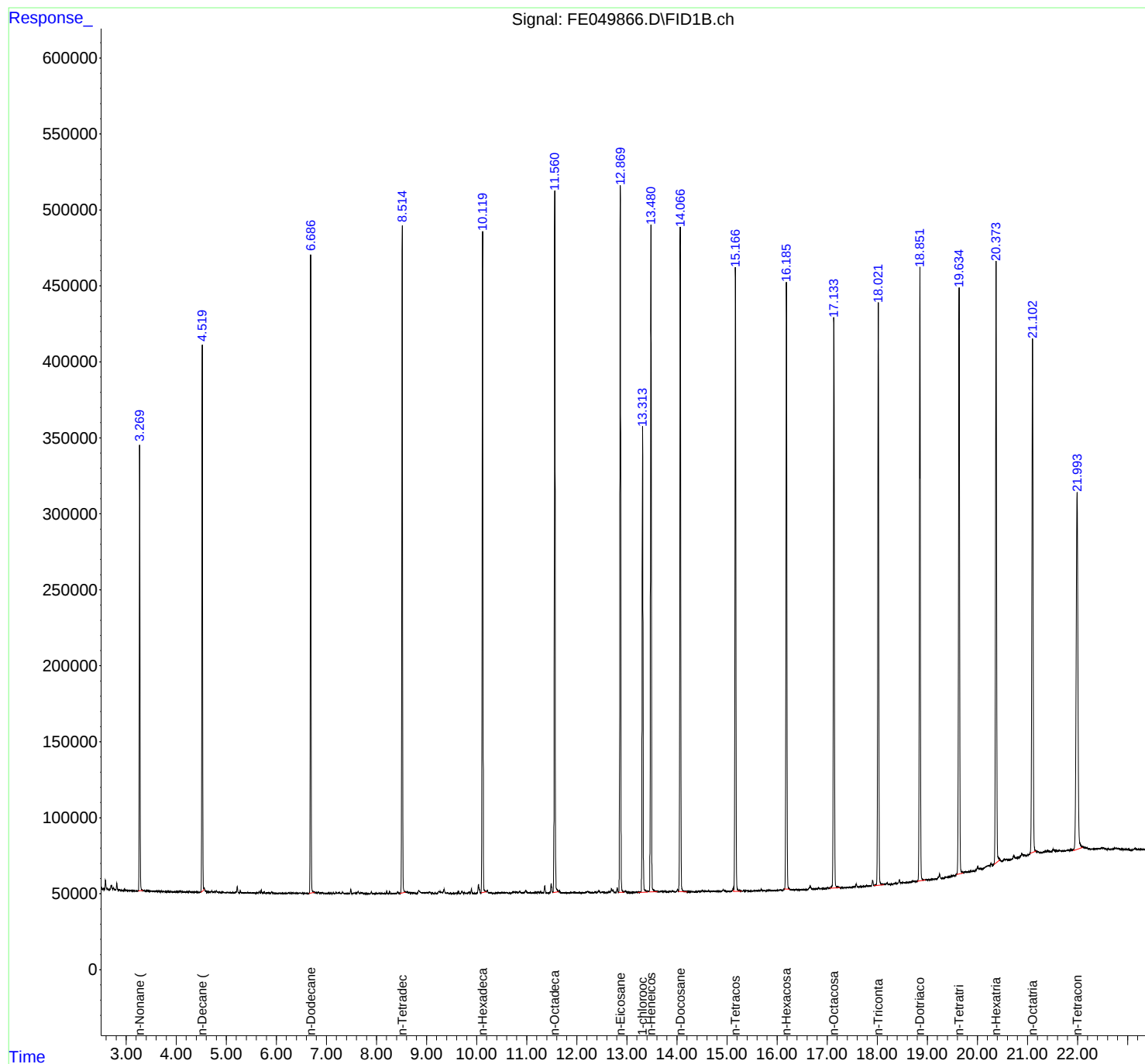
(f)=RT Delta > 1/2 Window

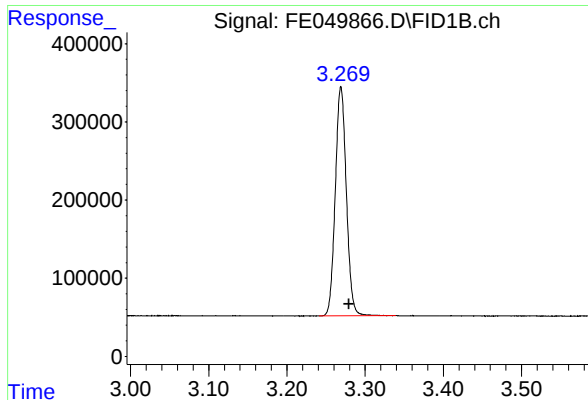
(m)=manual int.

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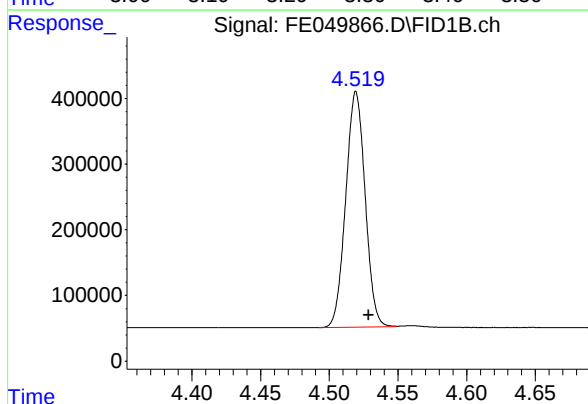
#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: -0.010 min
Response: 2881279
Conc: 18.62 ug/ml

Instrument :
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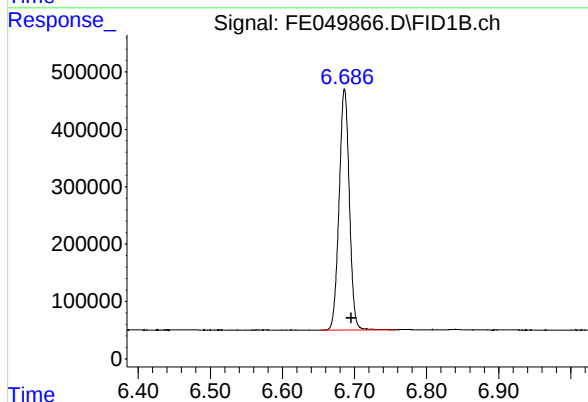
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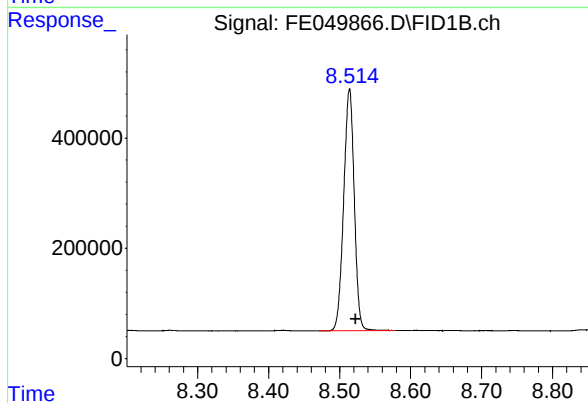
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.010 min
Response: 3531830
Conc: 22.37 ug/ml m



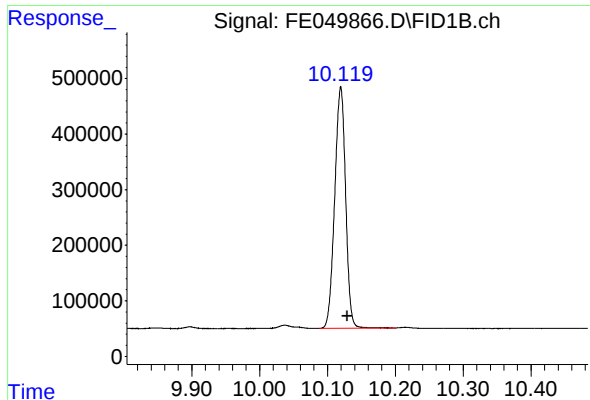
#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.009 min
Response: 4148202
Conc: 26.39 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.009 min
Response: 4550987
Conc: 29.48 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.010 min
Response: 4854776
Conc: 31.08 ug/ml

Instrument :

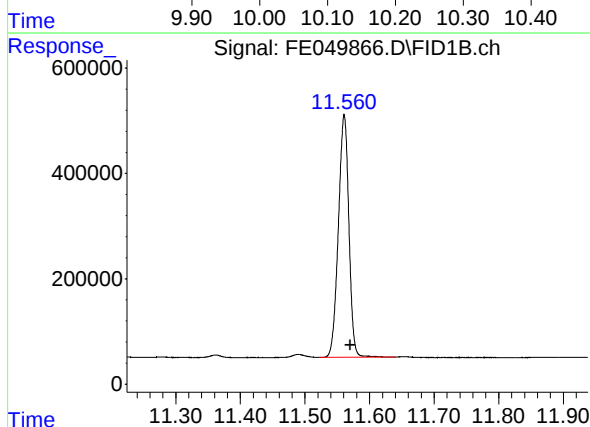
FID_E

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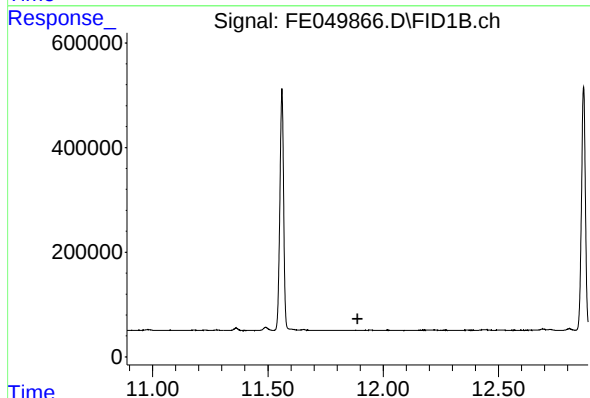
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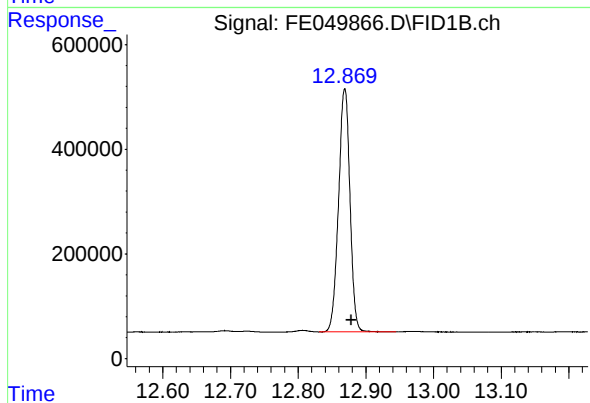
#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.010 min
Response: 5209311
Conc: 33.17 ug/ml



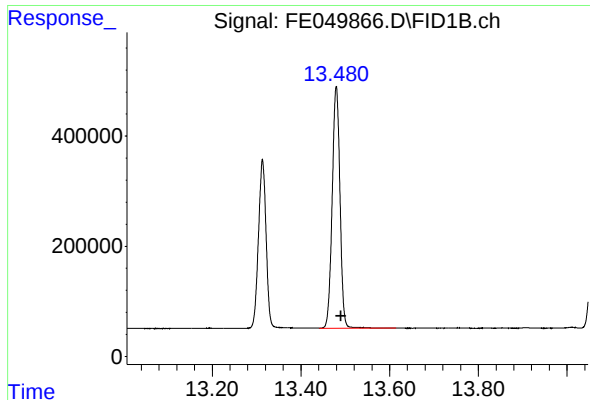
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.888 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.010 min
Response: 5450755
Conc: 36.51 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.010 min
Response: 5337512
Conc: 36.38 ug/ml

Instrument :

FID_E

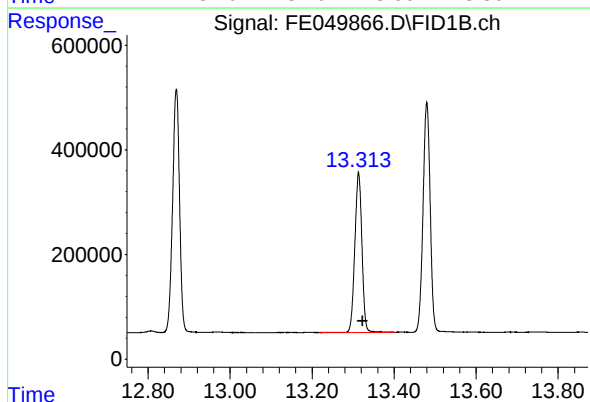
ClientSampleId :

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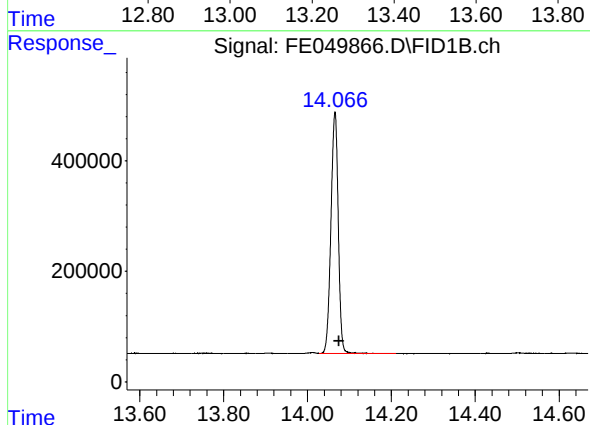
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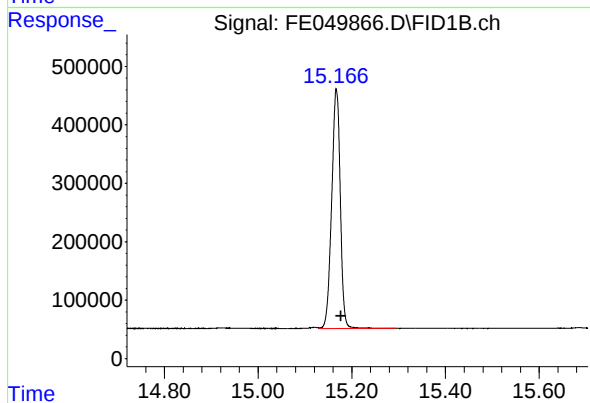
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.010 min
Response: 3679245
Conc: 30.16 ug/ml



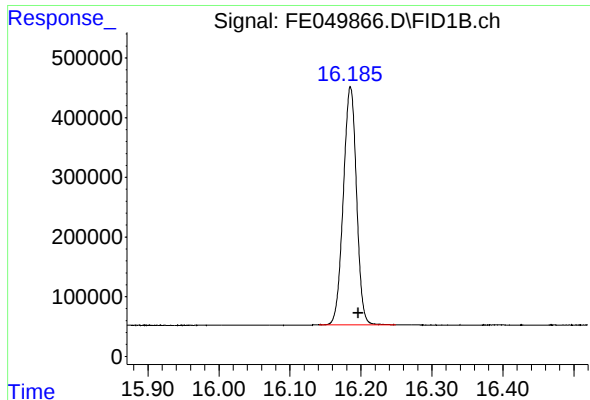
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.010 min
Response: 5287644
Conc: 36.28 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.010 min
Response: 5229009
Conc: 35.95 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.011 min
Response: 5145170
Conc: 35.65 ug/ml

Instrument :

FID_E

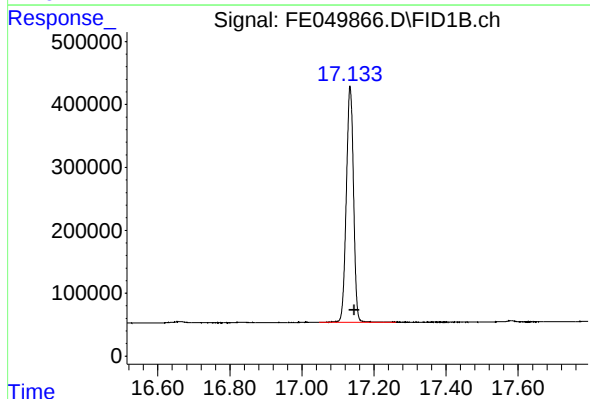
ClientSampleId :

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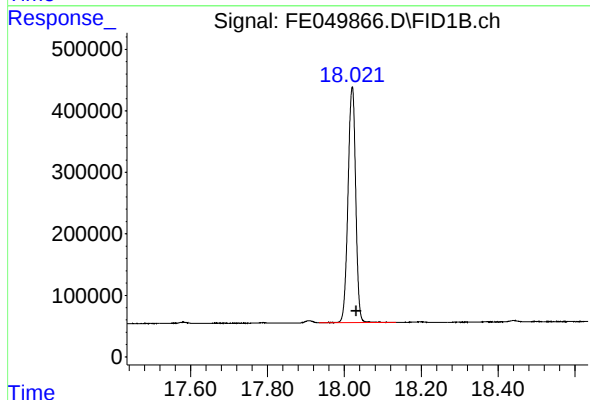
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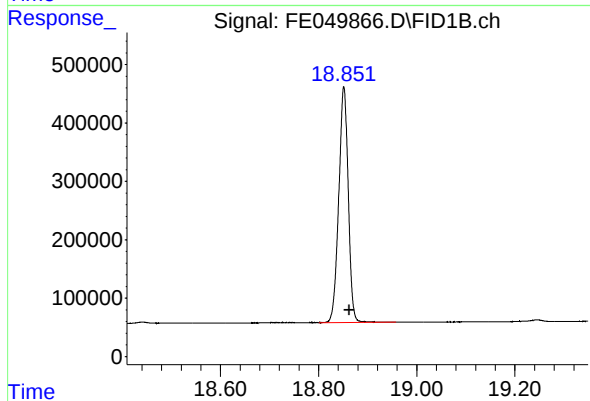
#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.011 min
Response: 5220119
Conc: 36.24 ug/ml



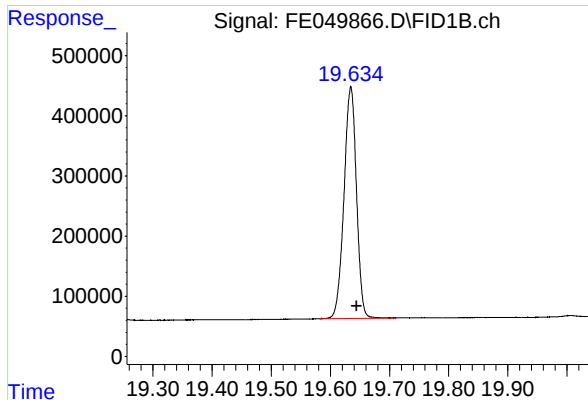
#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: -0.011 min
Response: 5341427
Conc: 35.68 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.011 min
Response: 5416721
Conc: 35.81 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.010 min
Response: 5644019
Conc: 36.92 ug/ml

Instrument :

FID_E

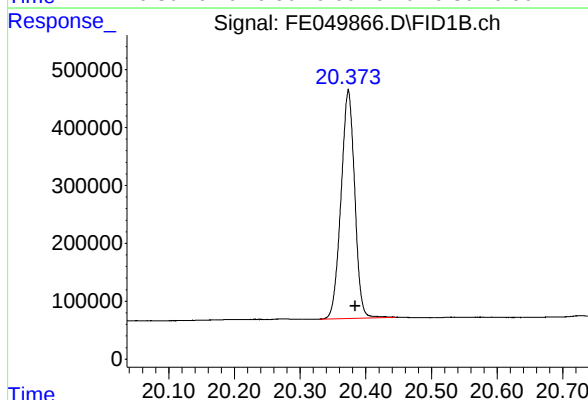
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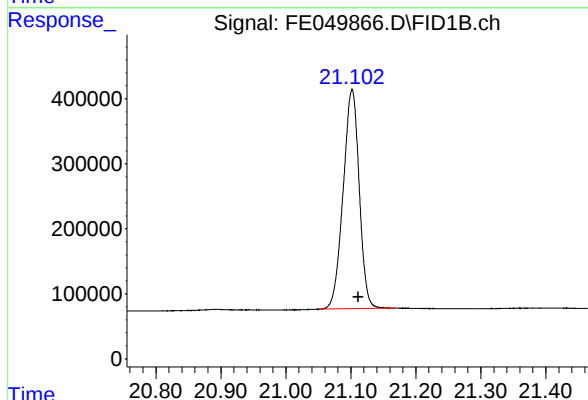
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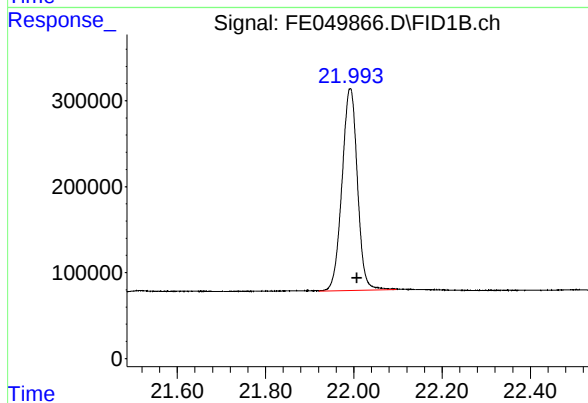
#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.011 min
Response: 5712902
Conc: 37.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.010 min
Response: 5799627
Conc: 36.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.014 min
Response: 5703964
Conc: 37.36 ug/ml m