

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045119.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 22:49
 Operator : YP\AJ
 Sample : PP22659
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PP22659

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2023
 Supervised By :mohammad ahmed 11/01/2023

Integration File: autoint1.e
 Quant Time: Nov 01 00:08:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	3.319	14378422	85.712 ug/ml
2) T n-Decane (C10)	4.554	14692420	86.248 ug/ml
3) T A~Naphthalene (C11.7)	6.245	15969245	86.265 ug/ml
4) T n-Dodecane (C12)	6.706	14799562	85.735 ug/ml
5) T A~2-methylnaphthalene...	7.338	15290860	84.765 ug/ml
6) T n-Tetradecane (C14)	8.534	14750811	86.021 ug/ml
7) T n-Hexadecane (C16)	10.142	14581413	83.385 ug/ml
8) T n-Octadecane (C18)	11.589	14465533	82.938 ug/ml
10) T n-Eicosane (C20)	12.903	14322291	85.747 ug/ml
11) T n-Heneicosane (C21)	13.515	13592752	83.385 ug/ml
13) T n-Docosane (C22)	14.103	13449234	84.082 ug/ml
14) T n-Tetracosane (C24)	15.203	26872724	173.153 ug/ml
15) T n-Hexacosane (C26)	16.238	12875865	85.762 ug/ml
16) T n-Octacosane (C28)	17.184	12915088	87.951 ug/ml
17) T n-Tricontane (C30)	18.080	12795878	86.035 ug/ml
18) T n-Dotriacontane (C32)	18.910	12934438	86.175 ug/mlm
19) T n-Tetratriacontane (C34)	19.696	13072850	87.817 ug/mlm
20) T n-Hexatriacontane (C36)	20.439	13173836	85.689 ug/mlm
21) T n-Octatriacontane (C38)	21.181	13172602	84.326 ug/mlm
22) T n-Tetracontane (C40)	22.105	13790777	82.519 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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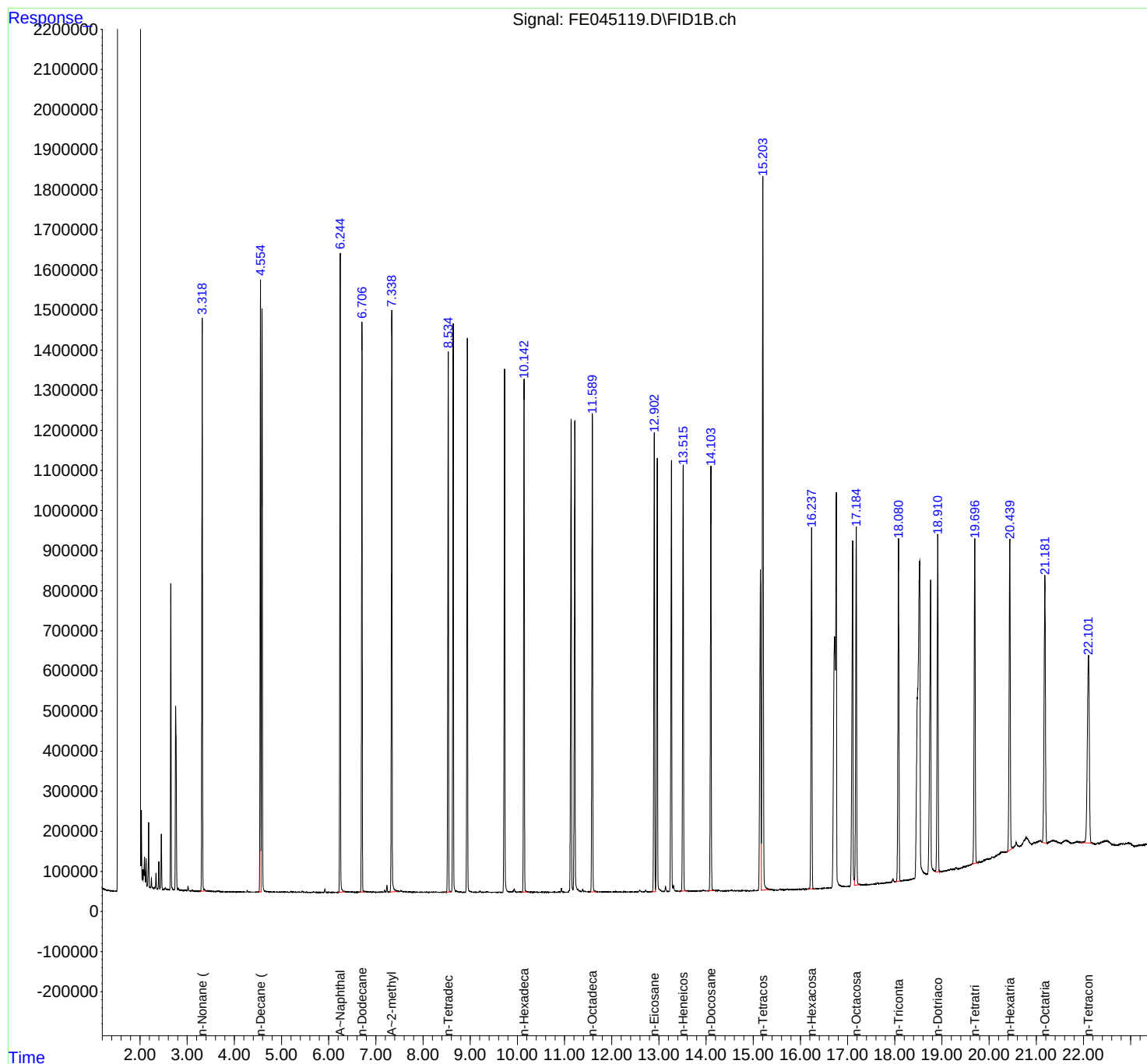
Instrument :
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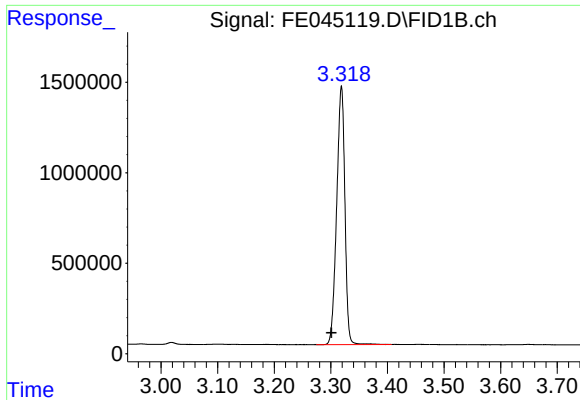
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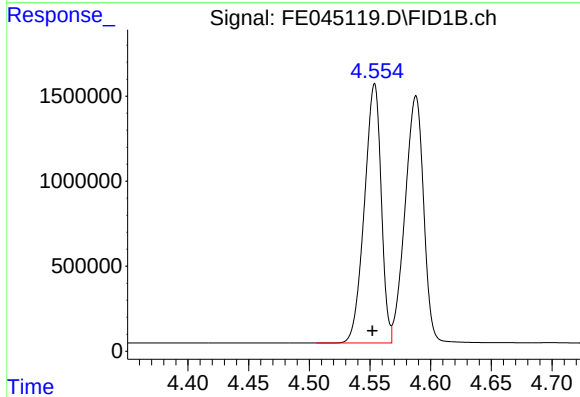
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: 0.018 min
Response: 14378422
Conc: 85.71 ug/ml

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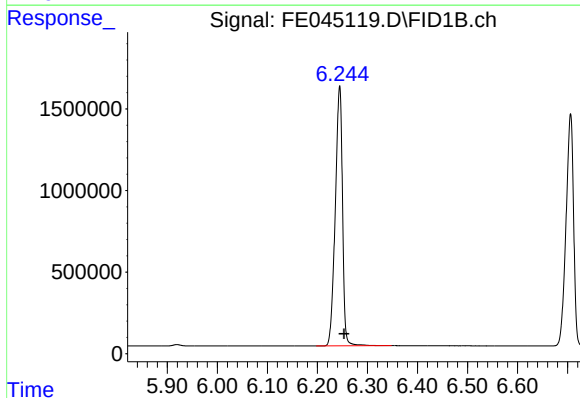
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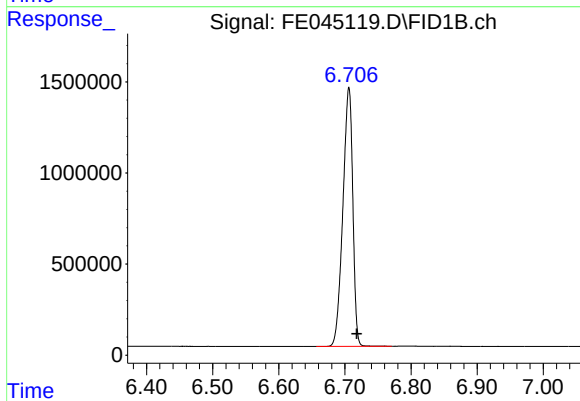
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: 0.002 min
Response: 14692420
Conc: 86.25 ug/ml



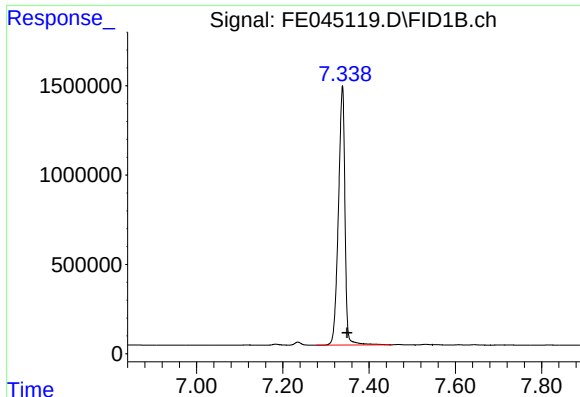
#3 A~Naphthalene (C11.7)

R.T.: 6.245 min
Delta R.T.: -0.009 min
Response: 15969245
Conc: 86.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.706 min
Delta R.T.: -0.011 min
Response: 14799562
Conc: 85.73 ug/ml



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

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 15290860
Conc: 84.76 ug/ml

Instrument :

FID_E

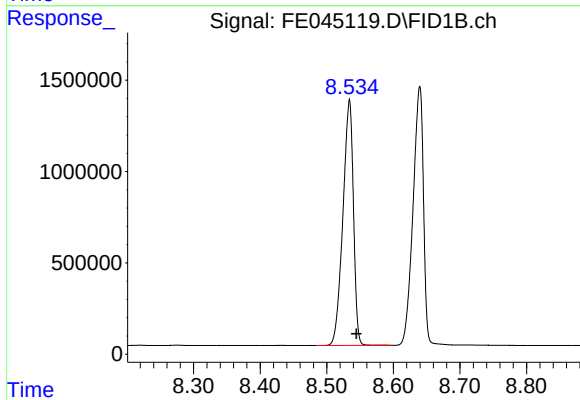
ClientSampleId :

PP22659

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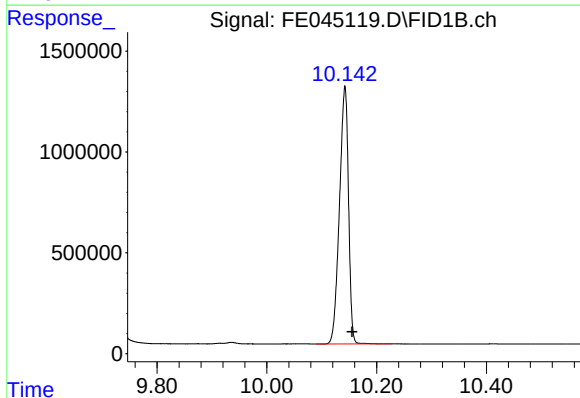
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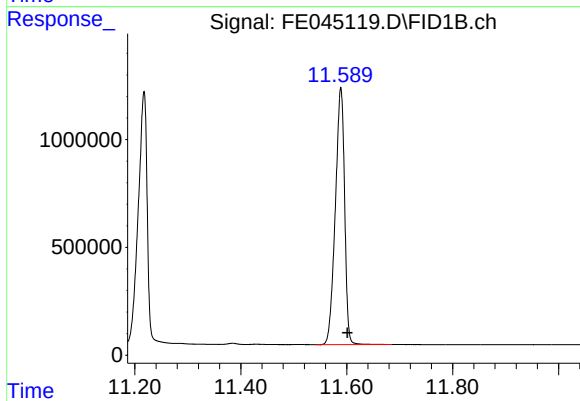
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.010 min
Response: 14750811
Conc: 86.02 ug/ml



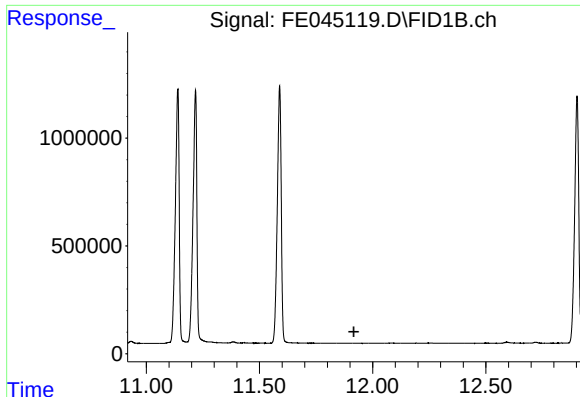
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.013 min
Response: 14581413
Conc: 83.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.589 min
Delta R.T.: -0.012 min
Response: 14465533
Conc: 82.94 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.917 min
Response: 0
Conc: N.D.

Instrument :

FID_E

ClientSampleId :

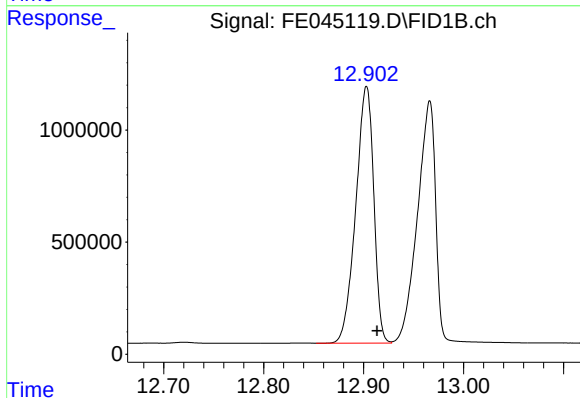
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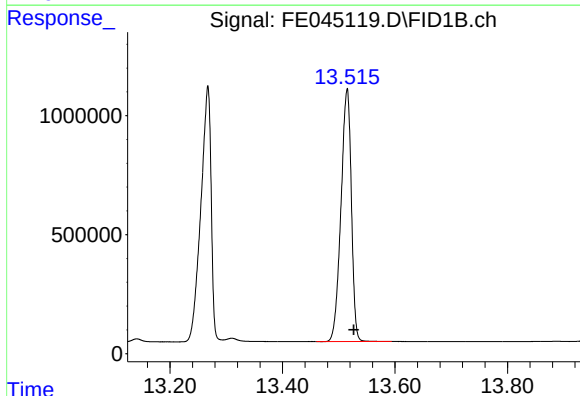
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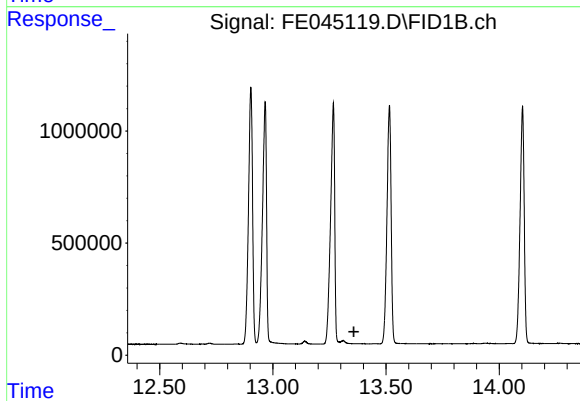
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.011 min
Response: 14322291
Conc: 85.75 ug/ml



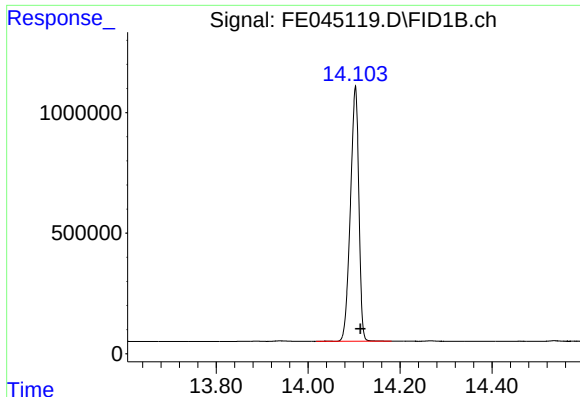
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: -0.012 min
Response: 13592752
Conc: 83.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.358 min
Response: 0
Conc: N.D.



#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: -0.011 min
Response: 13449234
Conc: 84.08 ug/ml

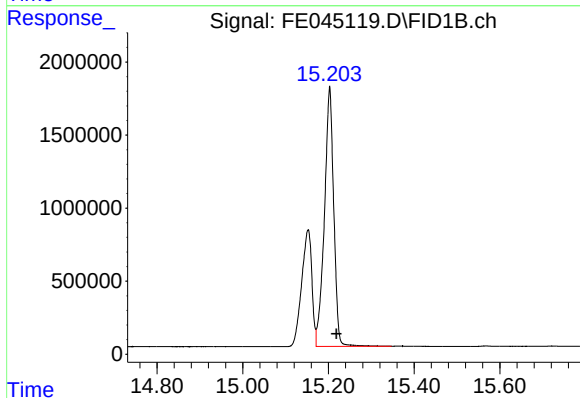
Instrument :

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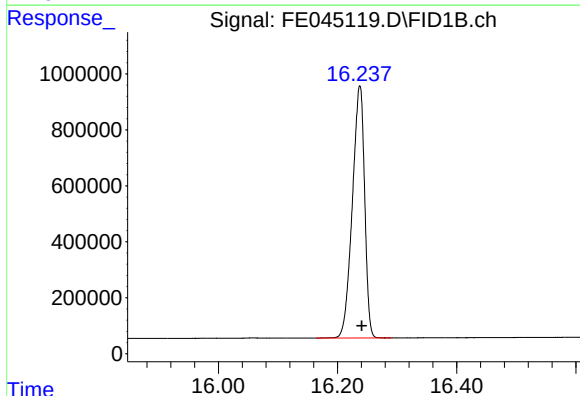
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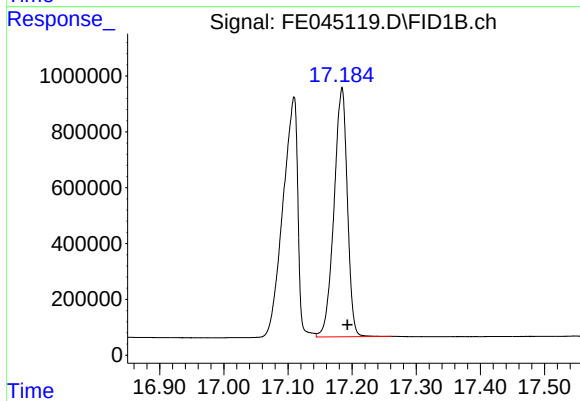
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.016 min
Response: 26872724
Conc: 173.15 ug/ml



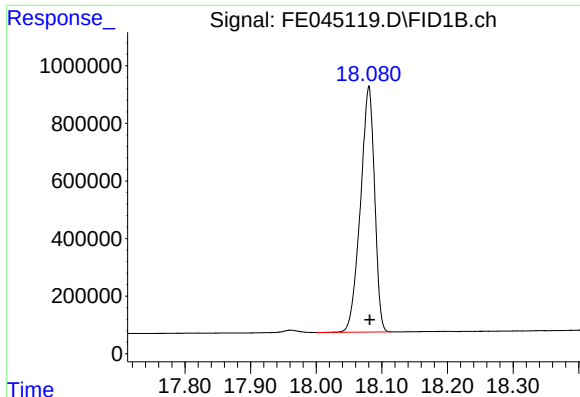
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 12875865
Conc: 85.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: -0.008 min
Response: 12915088
Conc: 87.95 ug/ml



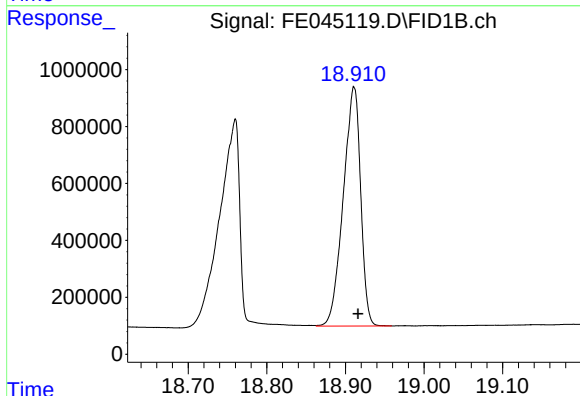
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: -0.002 min
Response: 12795878
Conc: 86.03 ug/ml

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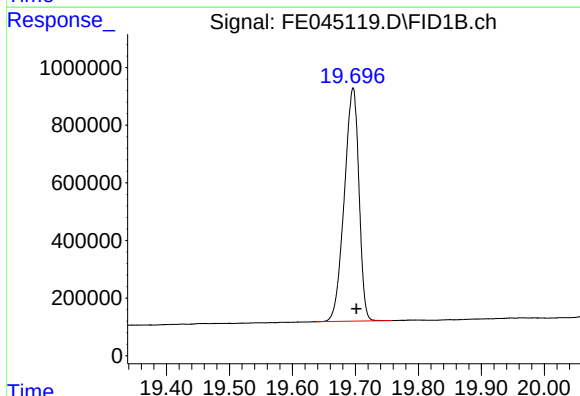
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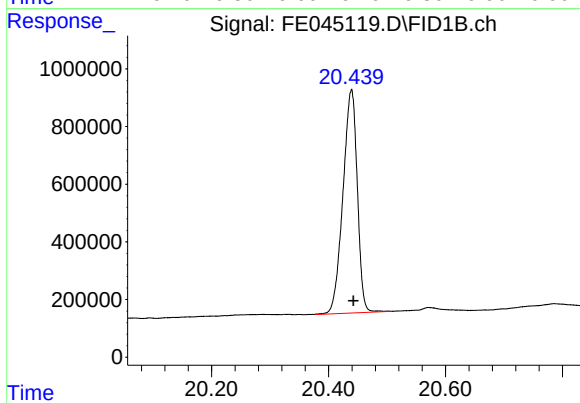
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.006 min
Response: 12934438
Conc: 86.18 ug/ml m



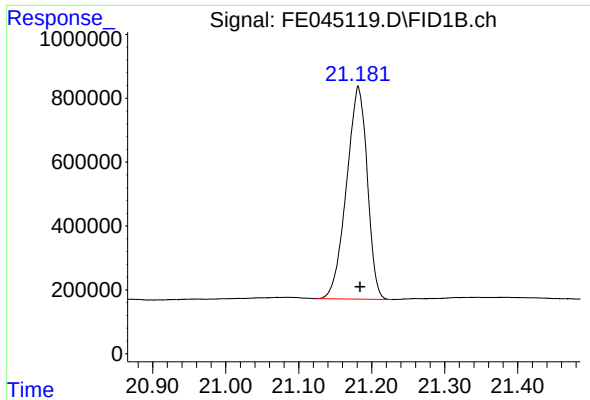
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.005 min
Response: 13072850
Conc: 87.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.003 min
Response: 13173836
Conc: 85.69 ug/ml m



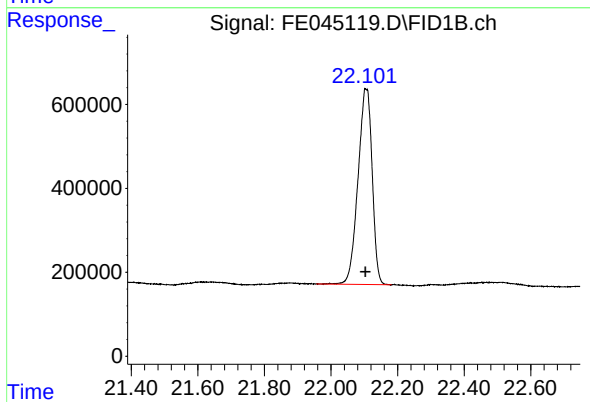
#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.003 min
Response: 13172602
Conc: 84.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.002 min
Response: 13790777
Conc: 82.52 ug/ml