

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924AL\
 Data File : FE051712.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2024 14:01
 Operator : YP\AJ
 Sample : PB165706BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165706BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/20/2024

Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e

Quant Time: Dec 20 04:26:53 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M

Quant Title : GC Extractables

QLast Update : Tue Dec 17 15:04:25 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)	12.016	5137982	32.004 ug/ml
Spiked Amount 50.000		Recovery =	64.01%
12) S 1-chlorooctadecane (S...	13.436	4331423	34.336 ug/ml
Spiked Amount 50.000		Recovery =	68.67%
Target Compounds			
1) T n-Nonane (C9)	3.491	5376674	44.873 ug/ml
2) T n-Decane (C10)	4.721	5880092	47.293 ug/ml
3) T A~Naphthalene (C11.7)	6.405	6953386	48.795 ug/ml
4) T n-Dodecane (C12)	6.855	6327314	48.627 ug/ml
5) T A~2-methylnaphthalene...	7.488	6507135	45.980 ug/ml
6) T n-Tetradecane (C14)	8.668	6578349	49.063 ug/ml
7) T n-Hexadecane (C16)	10.261	6736277	47.136 ug/ml
8) T n-Octadecane (C18)	11.695	6943011	47.099 ug/ml
10) T n-Eicosane (C20)	12.996	7132399	49.577 ug/ml
11) T n-Heneicosane (C21)	13.602	6883716	48.440 ug/ml
13) T n-Docosane (C22)	14.184	6845968	48.559 ug/ml
14) T n-Tetracosane (C24)	15.274	13632370	97.707 ug/ml
15) T n-Hexacosane (C26)	16.295	6532640	48.484 ug/ml
16) T n-Octacosane (C28)	17.236	6427853	49.411 ug/ml
17) T n-Tricontane (C30)	18.117	6334997	47.867 ug/ml
18) T n-Dotriacontane (C32)	18.941	6246626	49.827 ug/ml
19) T n-Tetratriacontane (C34)	19.719	6275413	57.038 ug/ml
20) T n-Hexatriacontane (C36)	20.454	6086882	63.397 ug/ml
21) T n-Octatriacontane (C38)	21.192	6253150	69.444 ug/ml
22) T n-Tetracontane (C40)	22.117	6539843	67.003 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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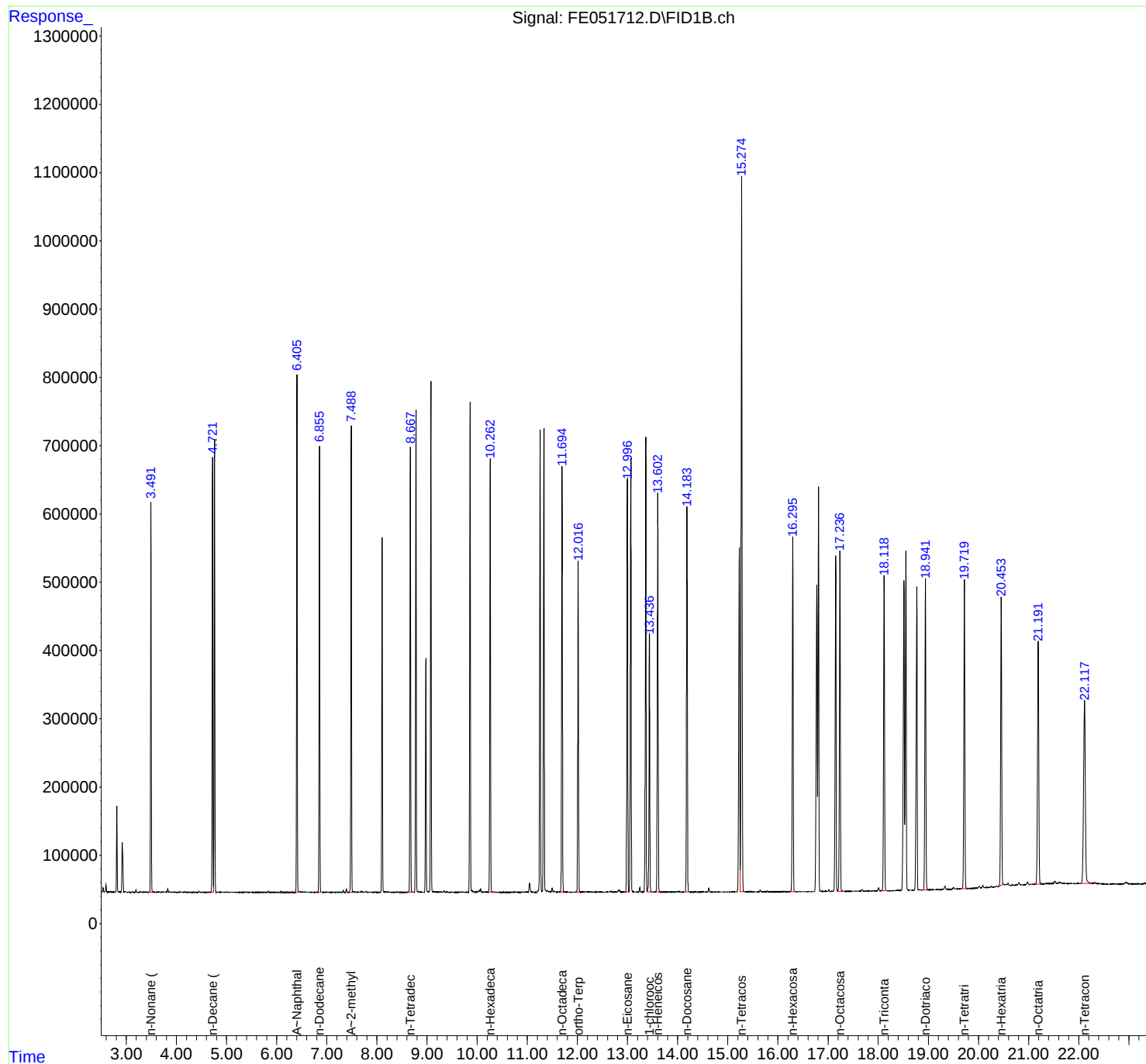
Response via : Initial Calibration

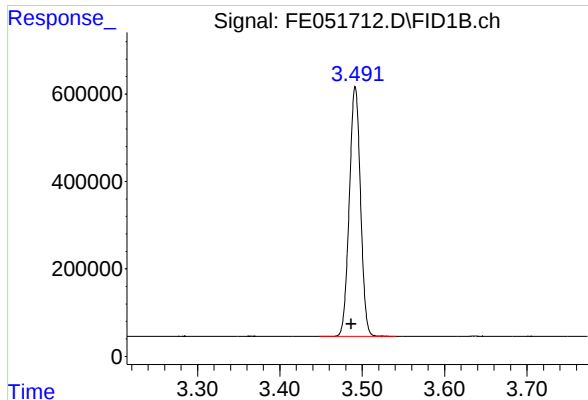
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.491 min
Delta R.T.: 0.004 min
Response: 5376674
Conc: 44.87 ug/ml

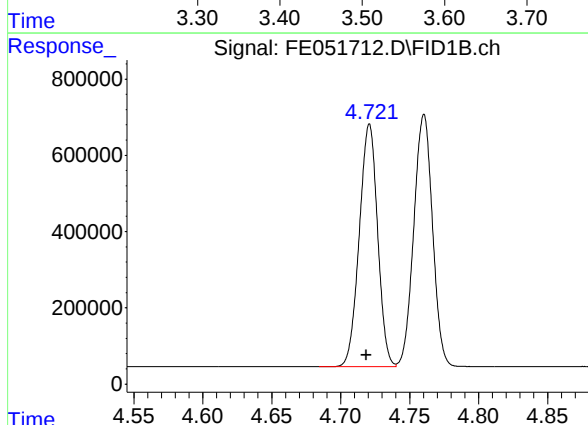
Instrument :

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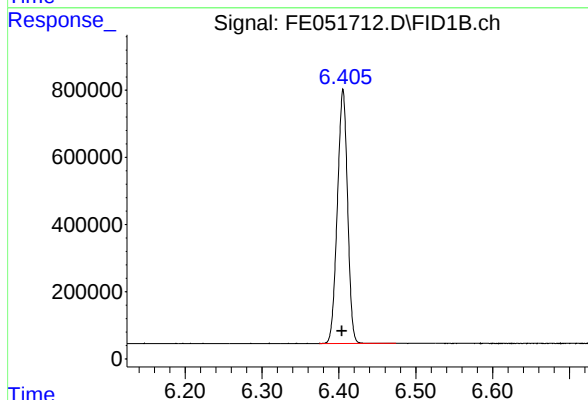
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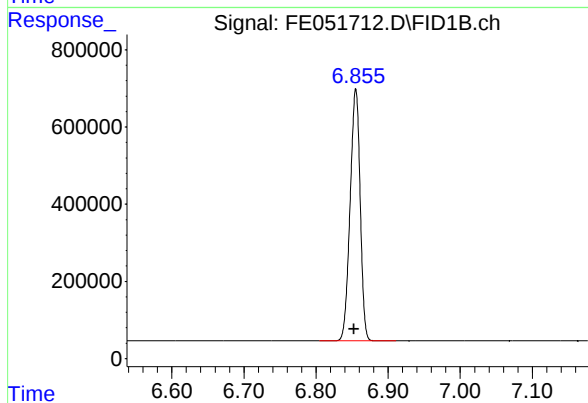
#2 n-Decane (C10)

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 5880092
Conc: 47.29 ug/ml



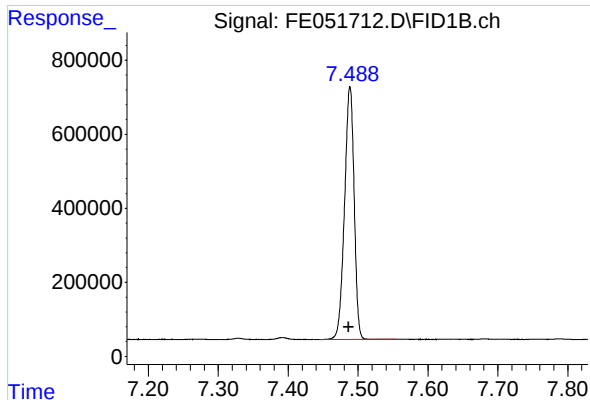
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 6953386
Conc: 48.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.855 min
Delta R.T.: 0.002 min
Response: 6327314
Conc: 48.63 ug/ml



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

R.T.: 7.488 min
Delta R.T.: 0.002 min
Response: 6507135
Conc: 45.98 ug/ml

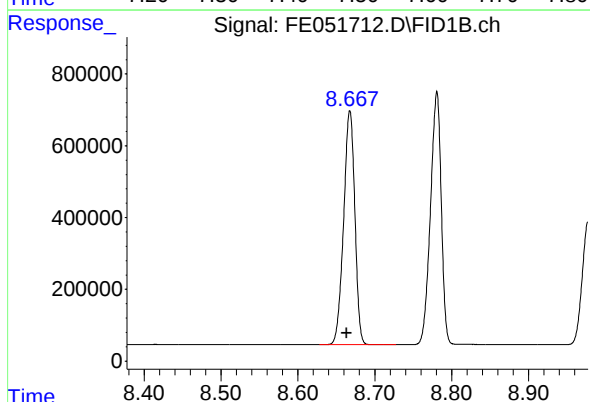
Instrument :

FID_E

ClientSampleId :
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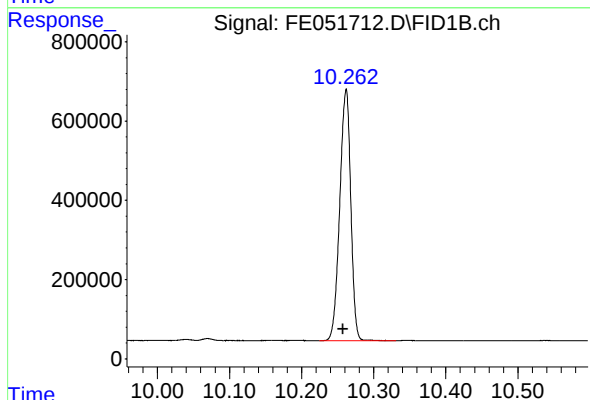
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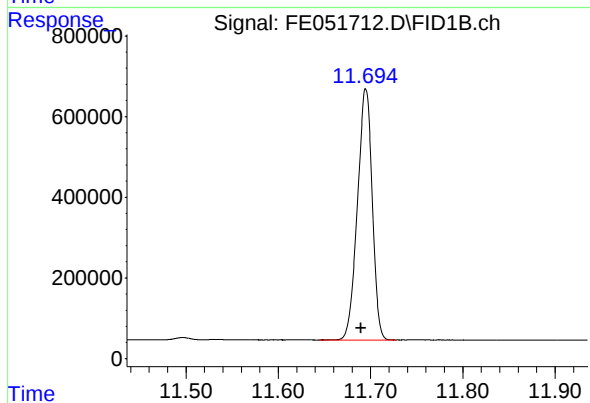
#6 n-Tetradecane (C14)

R.T.: 8.668 min
Delta R.T.: 0.004 min
Response: 6578349
Conc: 49.06 ug/ml



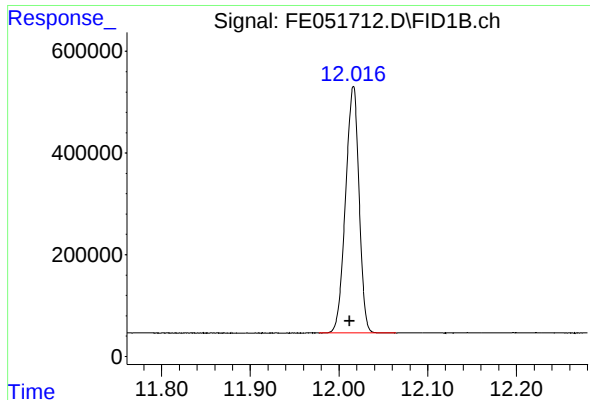
#7 n-Hexadecane (C16)

R.T.: 10.261 min
Delta R.T.: 0.004 min
Response: 6736277
Conc: 47.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.695 min
Delta R.T.: 0.005 min
Response: 6943011
Conc: 47.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.016 min
Delta R.T.: 0.004 min
Response: 5137982
Conc: 32.00 ug/ml

Instrument :

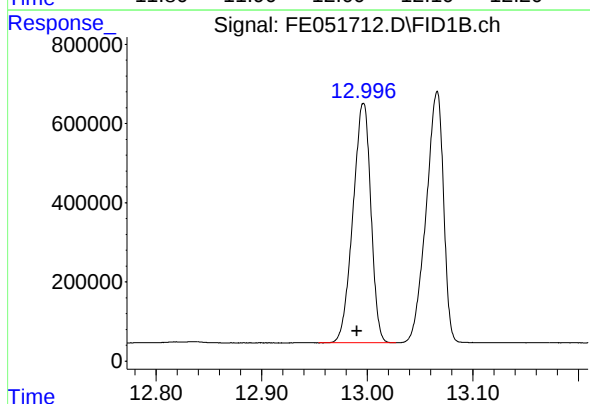
FID_E

ClientSampleId :

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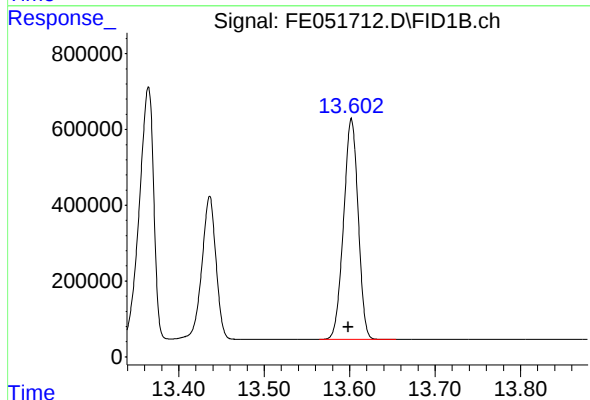
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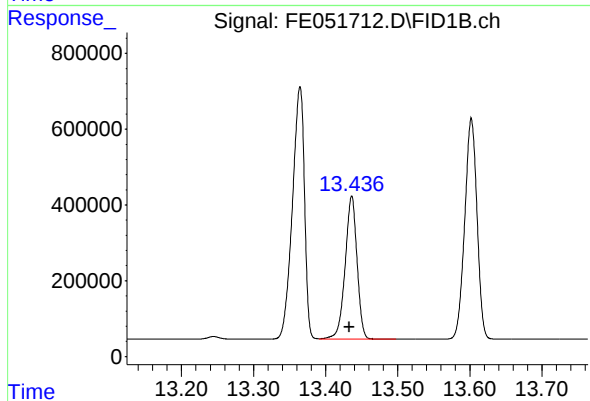
#10 n-Eicosane (C20)

R.T.: 12.996 min
Delta R.T.: 0.006 min
Response: 7132399
Conc: 49.58 ug/ml



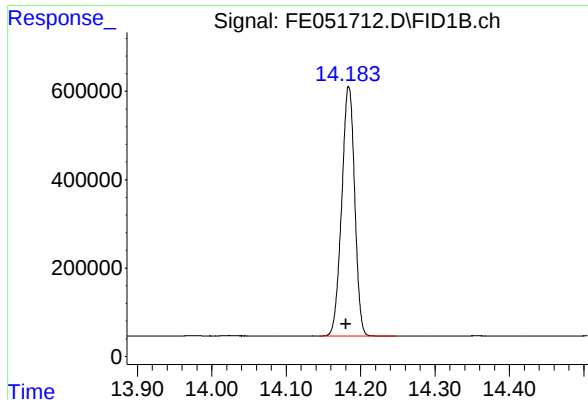
#11 n-Heneicosane (C21)

R.T.: 13.602 min
Delta R.T.: 0.004 min
Response: 6883716
Conc: 48.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.436 min
Delta R.T.: 0.003 min
Response: 4331423
Conc: 34.34 ug/ml



#13 n-Docosane (C22)

R.T.: 14.184 min
Delta R.T.: 0.004 min
Response: 6845968
Conc: 48.56 ug/ml

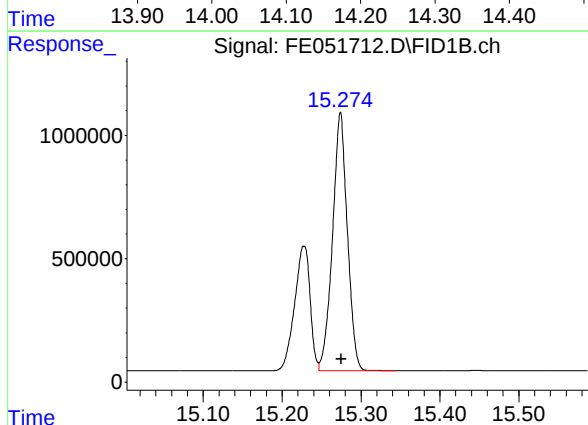
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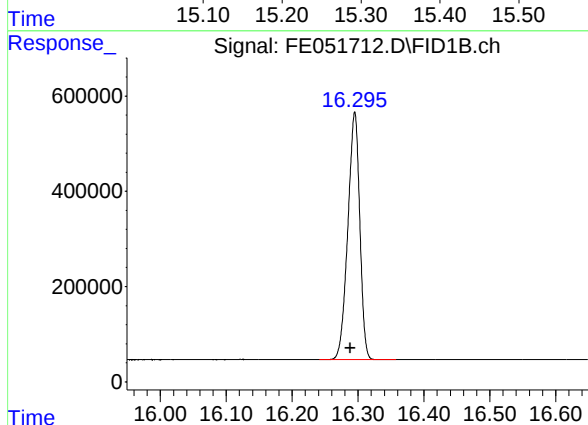
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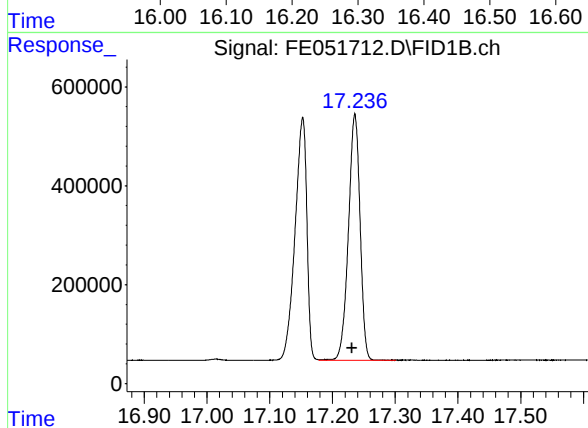
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.000 min
Response: 13632370
Conc: 97.71 ug/ml



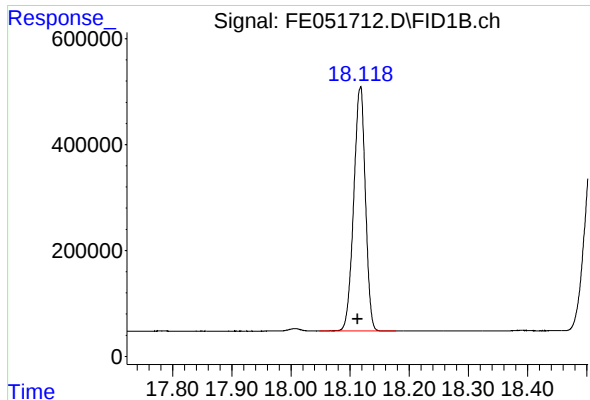
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.006 min
Response: 6532640
Conc: 48.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.004 min
Response: 6427853
Conc: 49.41 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: 0.004 min
Response: 6334997
Conc: 47.87 ug/ml

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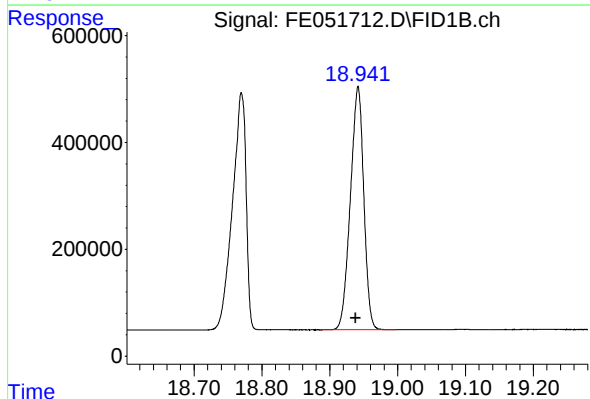
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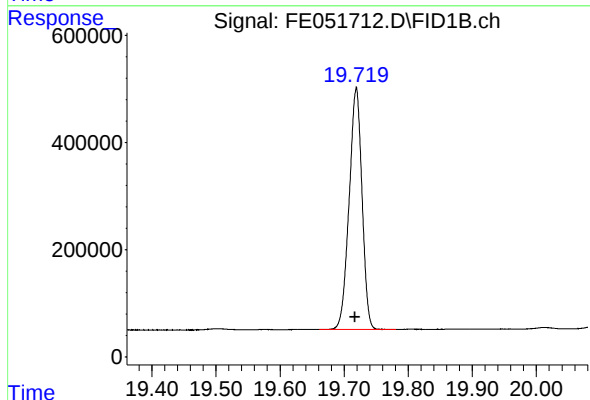
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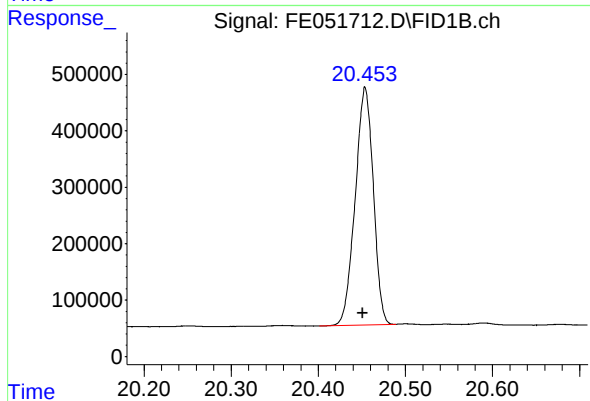
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.003 min
Response: 6246626
Conc: 49.83 ug/ml



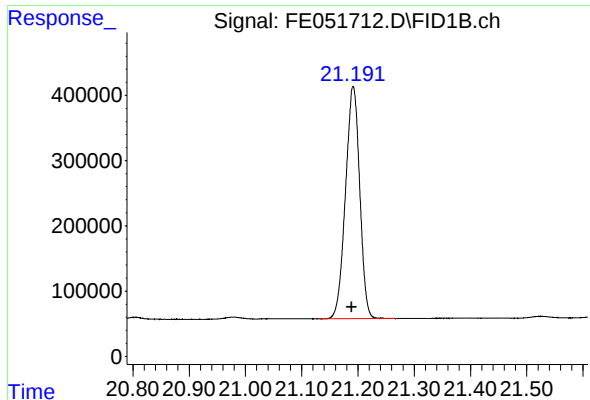
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.002 min
Response: 6275413
Conc: 57.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: 0.003 min
Response: 6086882
Conc: 63.40 ug/ml



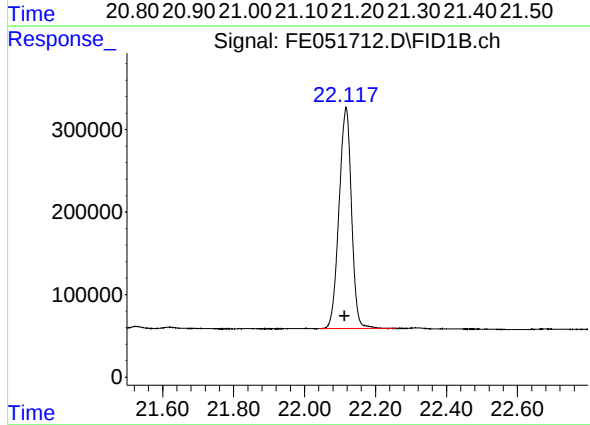
#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.003 min
Response: 6253150
Conc: 69.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.004 min
Response: 6539843
Conc: 67.00 ug/ml