

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090722AL\
 Data File : FE037441.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2022 16:38
 Operator : YP\AJ
 Sample : PB147510BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB147510BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/08/2022

Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e

Quant Time: Sep 08 03:04:42 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M

Quant Title : GC Extractables

QLast Update : Tue Aug 30 06:54:11 2022

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)	11.646	6813597	40.319 ug/ml
Spiked Amount 50.000		Recovery =	80.64%
12) S 1-chlorooctadecane (S...	13.068	5482183	42.597 ug/ml
Spiked Amount 50.000		Recovery =	85.19%
Target Compounds			
1) T n-Nonane (C9)	3.050	6382071	41.711 ug/ml
2) T n-Decane (C10)	4.301	6665249	43.231 ug/ml
3) T A~Naphthalene (C11.7)	6.009	6991187	48.526 ug/ml
4) T n-Dodecane (C12)	6.467	7108159	44.951 ug/ml
5) T A~2-methylnaphthalene...	7.101	6900379	49.425 ug/ml
6) T n-Tetradecane (C14)	9.887	7131531	45.007 ug/ml
7) T n-Hexadecane (C16)	9.887	7131531	45.007 ug/ml
8) T n-Octadecane (C18)	11.324	7134582	44.803 ug/ml
10) T n-Eicosane (C20)	12.626	6858641	43.348 ug/ml
11) T n-Heneicosane (C21)	13.236	6754241	42.832 ug/ml
13) T n-Docosane (C22)	13.818	6645145	42.687 ug/ml
14) T n-Tetracosane (C24)	14.916	12640802	84.046 ug/ml
15) T n-Hexacosane (C26)	15.934	6239981	43.093 ug/ml
16) T n-Octacosane (C28)	16.878	6251082	45.122 ug/ml
17) T n-Tricontane (C30)	17.763	5983289	43.985 ug/ml
18) T n-Dotriacontane (C32)	18.590	6025878	45.127 ug/ml
19) T n-Tetratriacontane (C34)	19.369	6028055	47.642 ug/mlm
20) T n-Hexatriacontane (C36)	20.106	5819716	45.250 ug/ml
21) T n-Octatriacontane (C38)	20.806	5939103	47.719 ug/ml
22) T n-Tetracontane (C40)	21.590	6271843	48.651 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147510BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

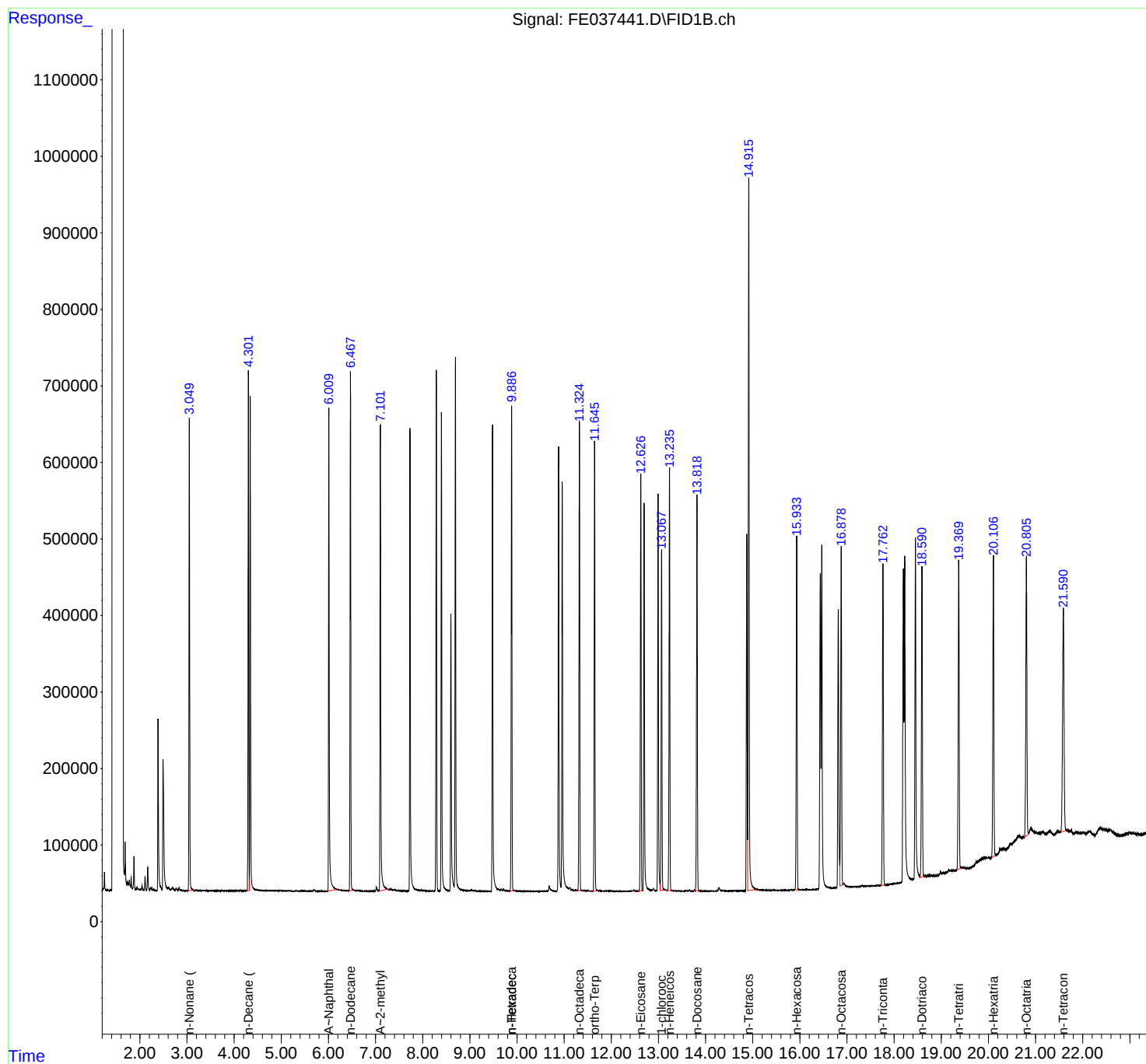
Instrument :
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PB147510BS

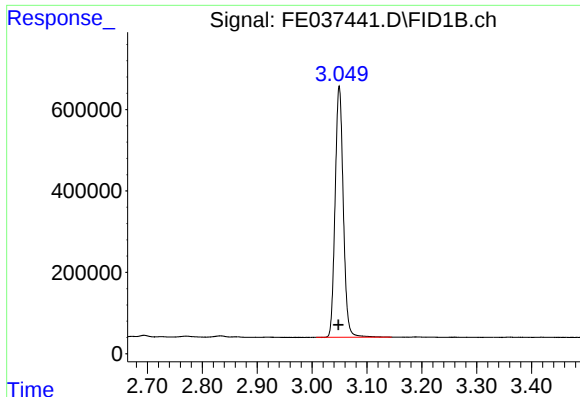
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
Quant Title : GC Extractables
QLast Update : Tue Aug 30 06:54:11 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.050 min
Delta R.T.: 0.002 min
Response: 6382071
Conc: 41.71 ug/ml

Instrument :

FID_E

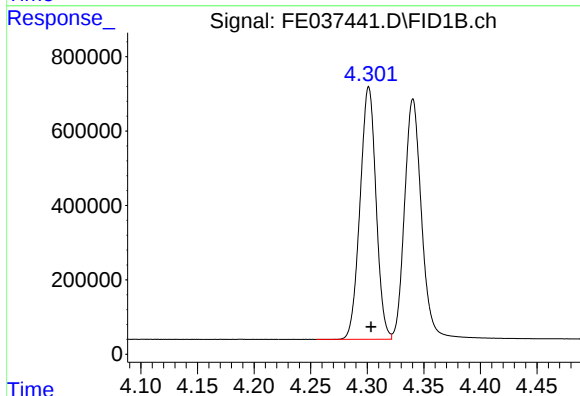
ClientSampleId :

PB147510BS

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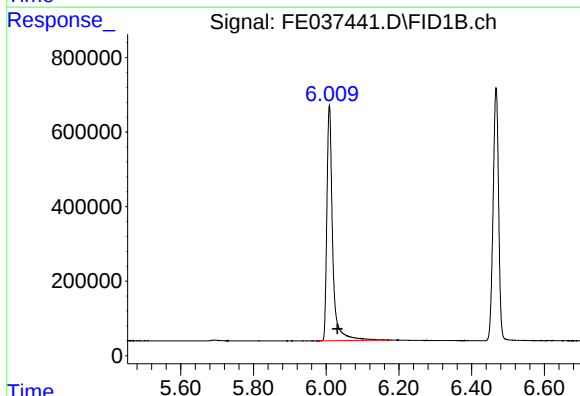
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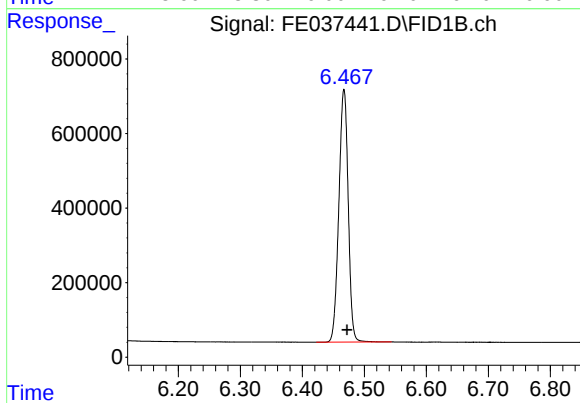
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 6665249
Conc: 43.23 ug/ml



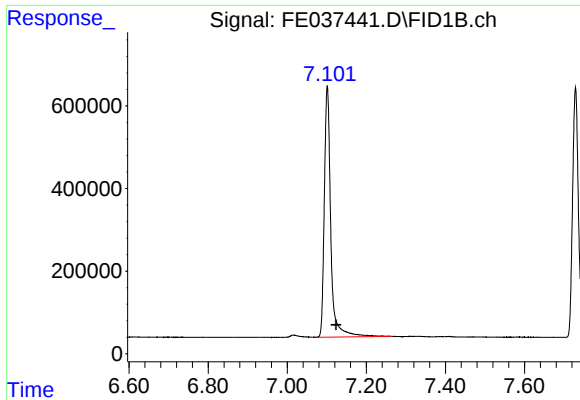
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.022 min
Response: 6991187
Conc: 48.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 7108159
Conc: 44.95 ug/ml



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

R.T.: 7.101 min
Delta R.T.: -0.022 min
Response: 6900379
Conc: 49.42 ug/ml

Instrument :

FID_E

ClientSampleId :

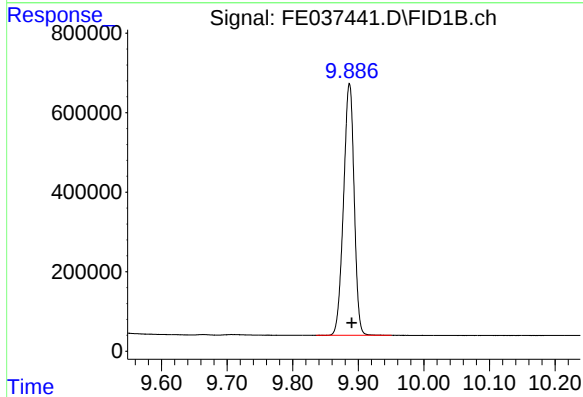
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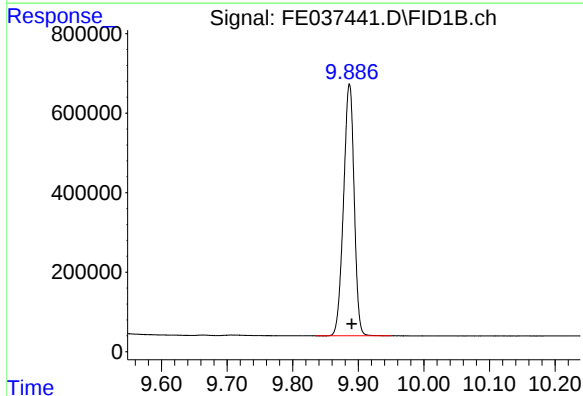
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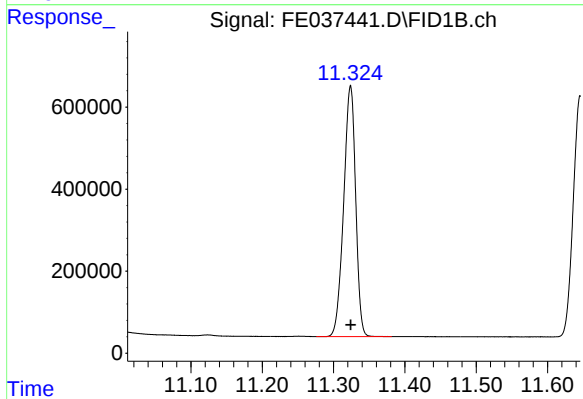
#6 n-Tetradecane (C14)

R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 7131531
Conc: 45.01 ug/ml



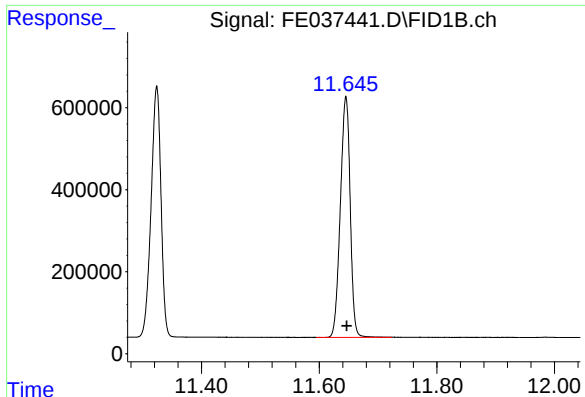
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 7131531
Conc: 45.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: 0.000 min
Response: 7134582
Conc: 44.80 ug/ml



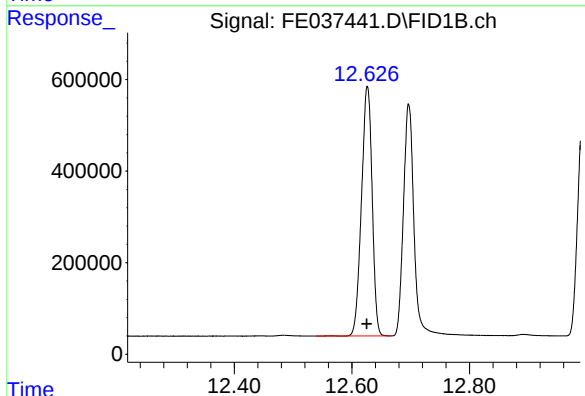
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.001 min
Response: 6813597
Conc: 40.32 ug/ml

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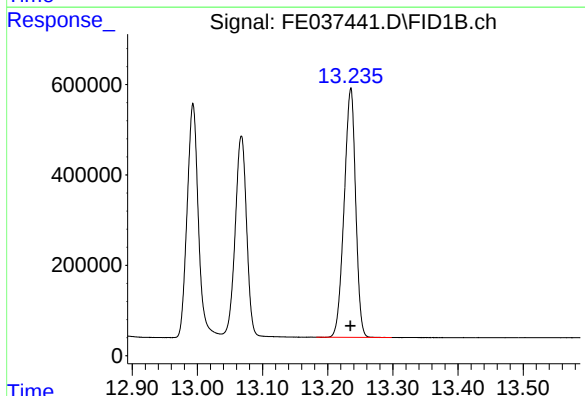
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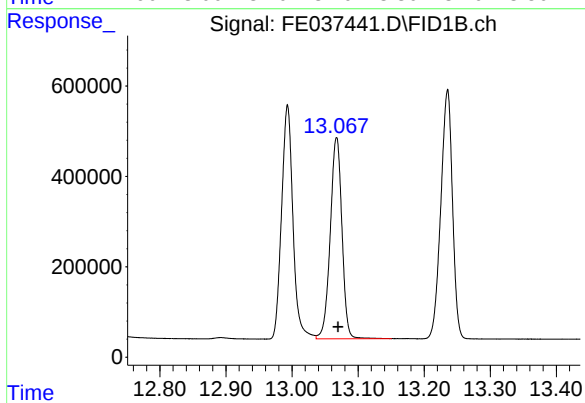
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: 0.000 min
Response: 6858641
Conc: 43.35 ug/ml



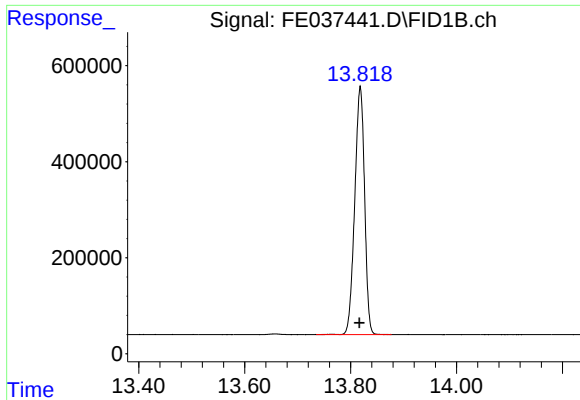
#11 n-Heneicosane (C21)

R.T.: 13.236 min
Delta R.T.: 0.000 min
Response: 6754241
Conc: 42.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min
Delta R.T.: -0.002 min
Response: 5482183
Conc: 42.60 ug/ml



#13 n-Docosane (C22)

R.T.: 13.818 min
Delta R.T.: 0.002 min
Response: 6645145
Conc: 42.69 ug/ml

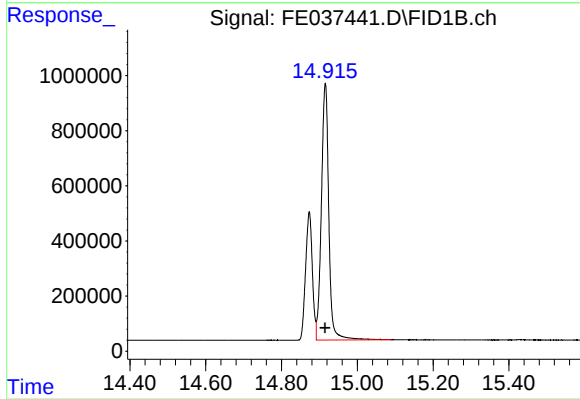
Instrument :

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ClientSampleId :
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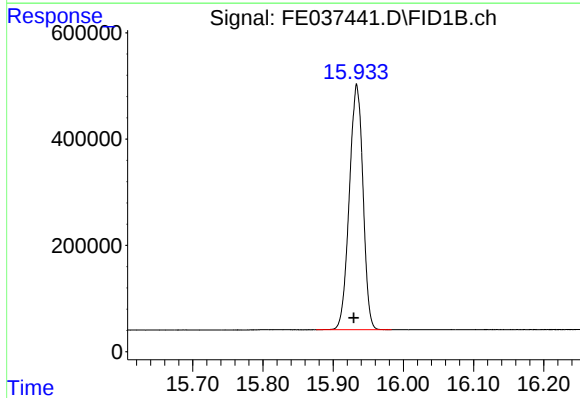
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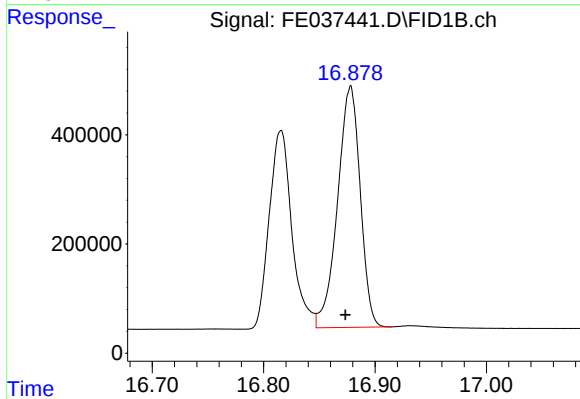
#14 n-Tetracosane (C24)

R.T.: 14.916 min
Delta R.T.: 0.001 min
Response: 12640802
Conc: 84.05 ug/ml



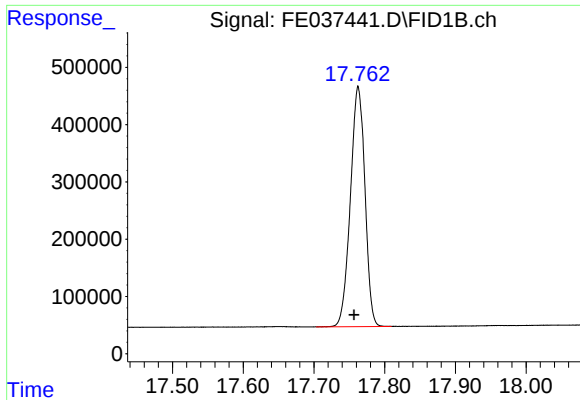
#15 n-Hexacosane (C26)

R.T.: 15.934 min
Delta R.T.: 0.004 min
Response: 6239981
Conc: 43.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.878 min
Delta R.T.: 0.004 min
Response: 6251082
Conc: 45.12 ug/ml



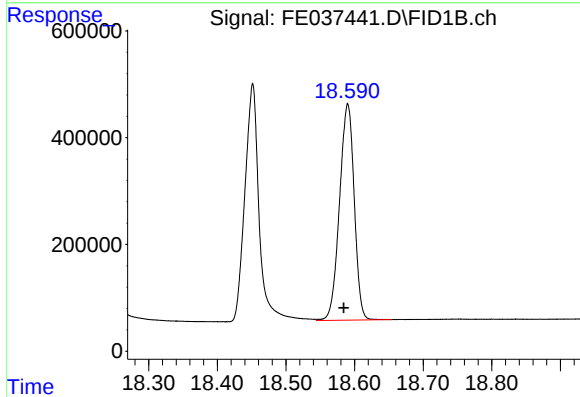
#17 n-Tricontane (C30)

R.T.: 17.763 min
Delta R.T.: 0.006 min
Response: 5983289
Conc: 43.98 ug/ml

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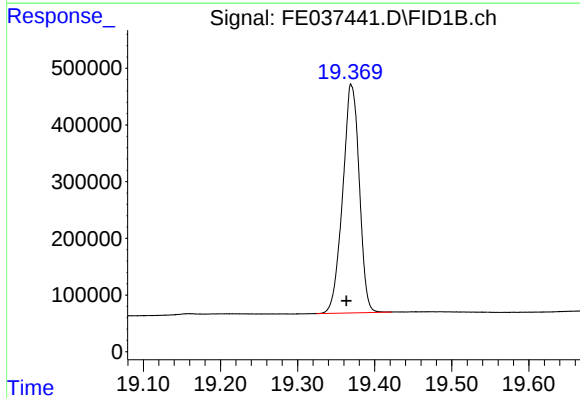
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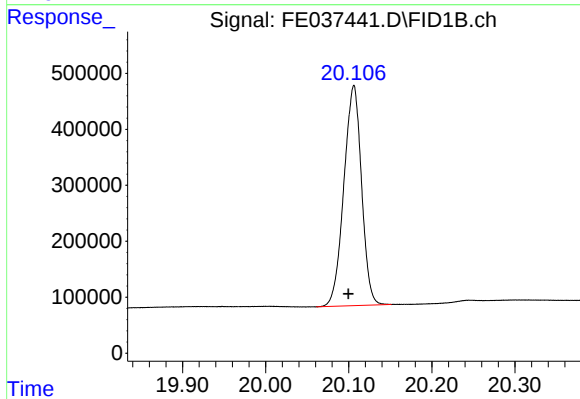
#18 n-Dotriacontane (C32)

R.T.: 18.590 min
Delta R.T.: 0.006 min
Response: 6025878
Conc: 45.13 ug/ml



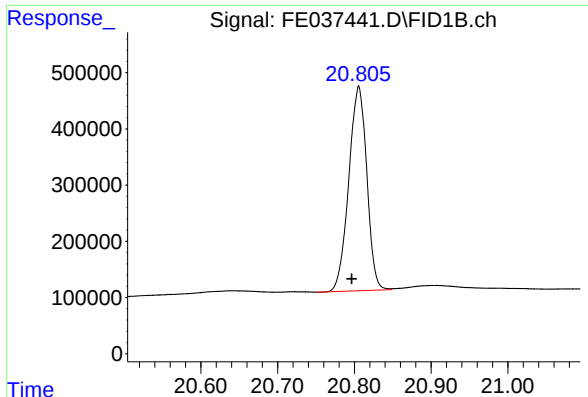
#19 n-Tetratriacontane (C34)

R.T.: 19.369 min
Delta R.T.: 0.005 min
Response: 6028055
Conc: 47.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.106 min
Delta R.T.: 0.007 min
Response: 5819716
Conc: 45.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.009 min
Response: 5939103
Conc: 47.72 ug/ml

Instrument :

FID_E

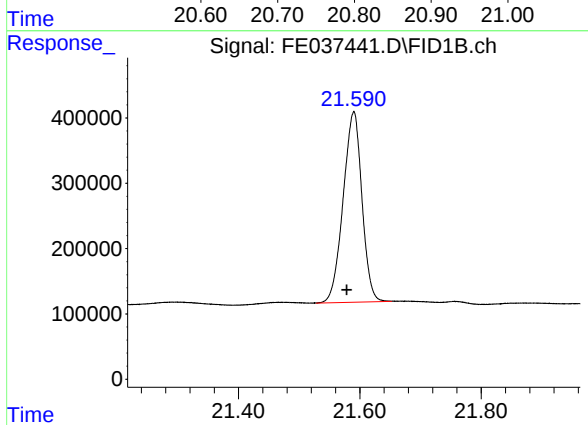
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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.012 min
Response: 6271843
Conc: 48.65 ug/ml m