

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090722AL\
 Data File : FE037449.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2022 20:46
 Operator : YP\AJ
 Sample : N4514-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-02-090622MSD

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 03:05:49 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)	11.647	5002056	29.599 ug/ml
Spiked Amount 50.000		Recovery =	59.20%
12) S 1-chlorooctadecane (S...	13.075	23148945	179.869 ug/ml
Spiked Amount 50.000		Recovery =	359.74%
Target Compounds			
1) T n-Nonane (C9)	3.038	3957541	25.865 ug/ml
2) T n-Decane (C10)	4.297	4490140	29.123 ug/ml
3) T A~Naphthalene (C11.7)	6.010	4814244	33.416 ug/ml
4) T n-Dodecane (C12)	6.468	5177730	32.743 ug/ml
5) T A~2-methylnaphthalene...	7.103	5126836	36.722 ug/ml
6) T n-Tetradecane (C14)	9.889	6315563	39.858 ug/ml
7) T n-Hexadecane (C16)	9.889	6315563	39.858 ug/ml
8) T n-Octadecane (C18)	11.326	6548300	41.121 ug/ml
10) T n-Eicosane (C20)	12.629	6223193	39.332 ug/ml
11) T n-Heneicosane (C21)	13.240	5903813	37.439 ug/ml
13) T n-Docosane (C22)	13.822	5949281	38.217 ug/ml
14) T n-Tetracosane (C24)	14.921	11554202	76.821 ug/ml
15) T n-Hexacosane (C26)	15.939	5572372	38.482 ug/ml
16) T n-Octacosane (C28)	16.884	5821658	42.022 ug/ml
17) T n-Tricontane (C30)	17.771	5723523	42.075 ug/ml
18) T n-Dotriacontane (C32)	18.599	6299850	47.178 ug/ml
19) T n-Tetratriacontane (C34)	19.381	5897434	46.610 ug/ml
20) T n-Hexatriacontane (C36)	20.119	5699320	44.313 ug/ml
21) T n-Octatriacontane (C38)	20.820	6226922	50.032 ug/mlm
22) T n-Tetracontane (C40)	21.610	6525640	50.620 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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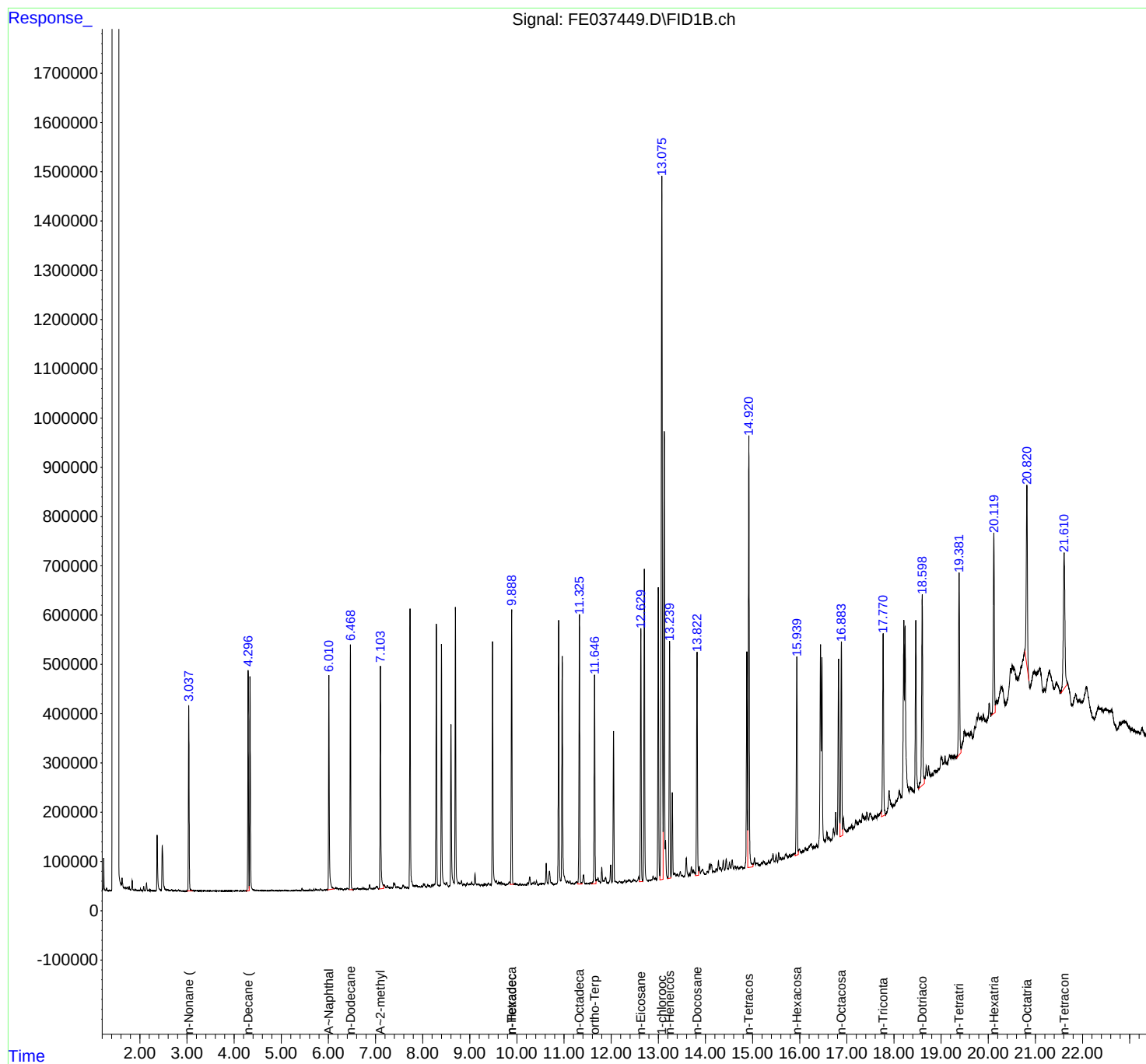
Supervised By :Ankita

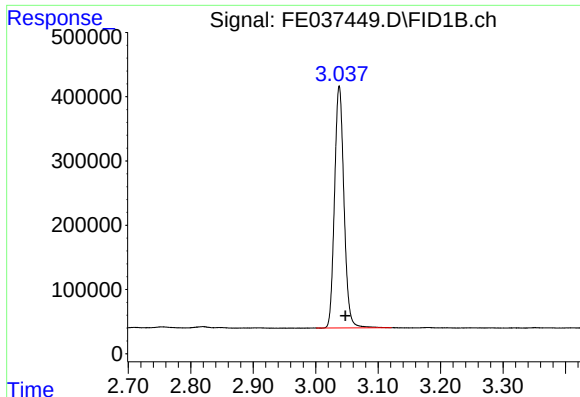
Jodhani

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
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#1 n-Nonane (C9)

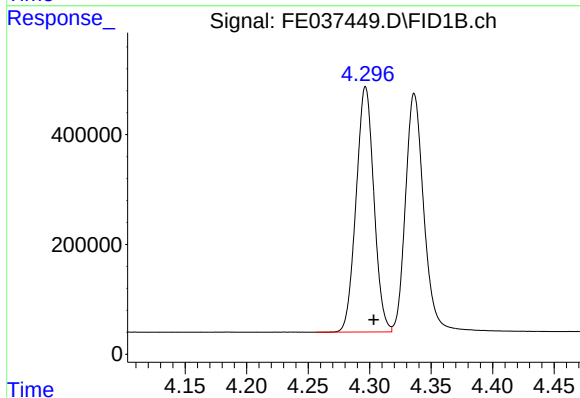
R.T.: 3.038 min
Delta R.T.: -0.010 min
Response: 3957541
Conc: 25.87 ug/ml

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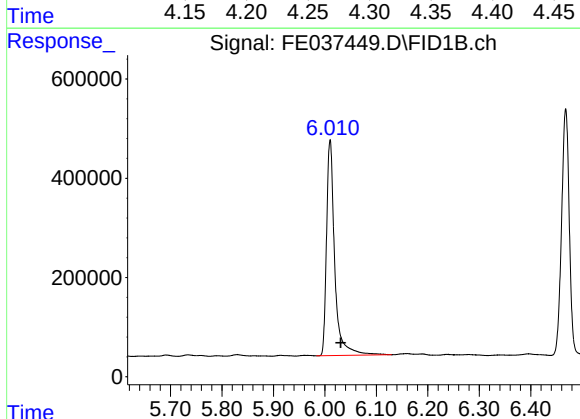
Reviewed By :Yogesh
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Supervised By :Ankita
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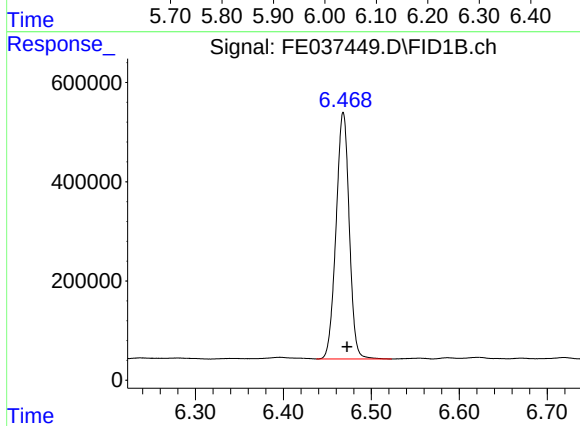
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: -0.007 min
Response: 4490140
Conc: 29.12 ug/ml



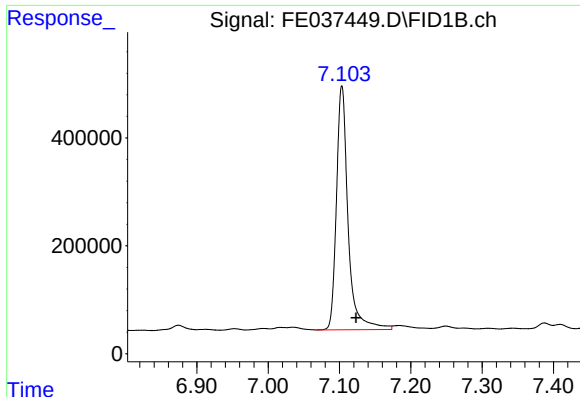
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.020 min
Response: 4814244
Conc: 33.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 5177730
Conc: 32.74 ug/ml



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

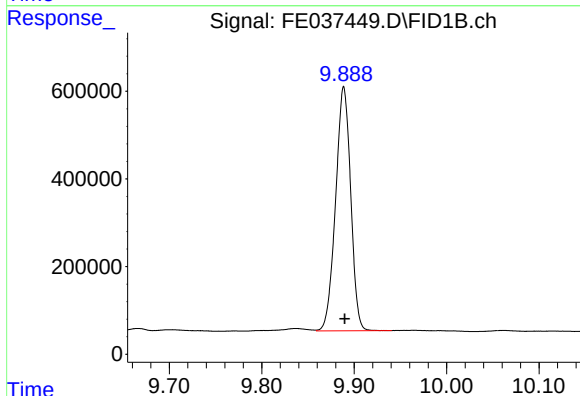
R.T.: 7.103 min
Delta R.T.: -0.020 min
Response: 5126836
Conc: 36.72 ug/ml

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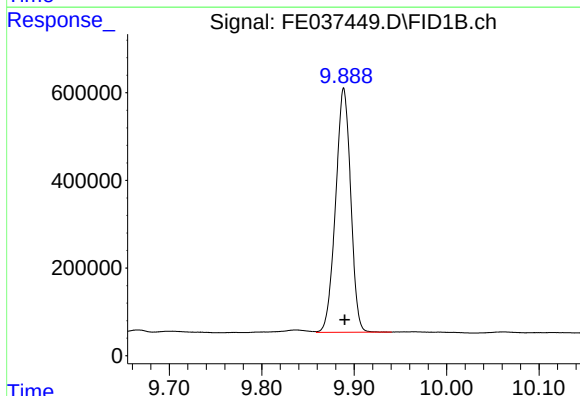
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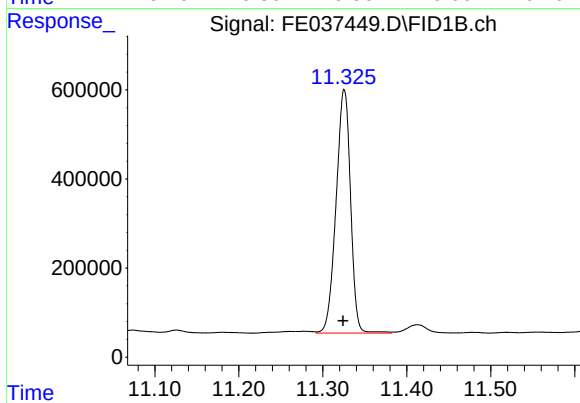
#6 n-Tetradecane (C14)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 6315563
Conc: 39.86 ug/ml



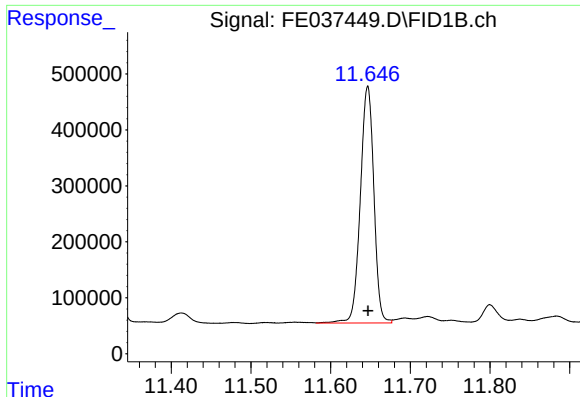
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 6315563
Conc: 39.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: 0.001 min
Response: 6548300
Conc: 41.12 ug/ml



#9 ortho-Terphenyl (SURR)

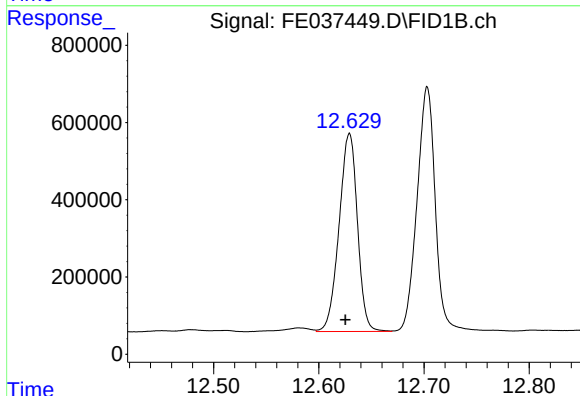
R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 5002056
Conc: 29.60 ug/ml

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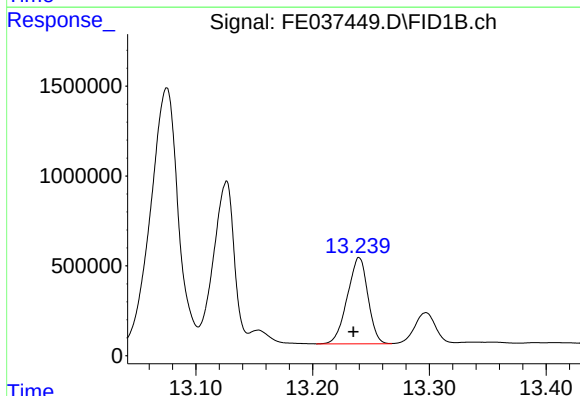
Reviewed By :Yogesh
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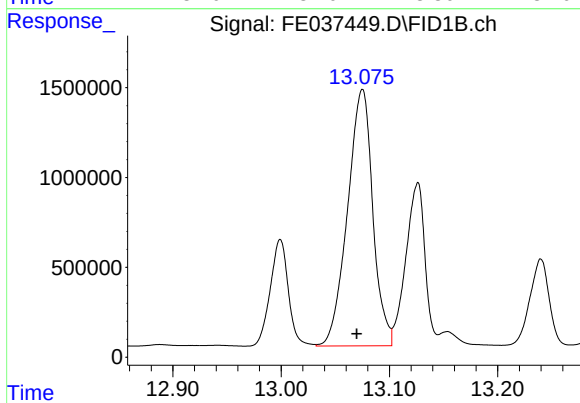
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: 0.004 min
Response: 6223193
Conc: 39.33 ug/ml



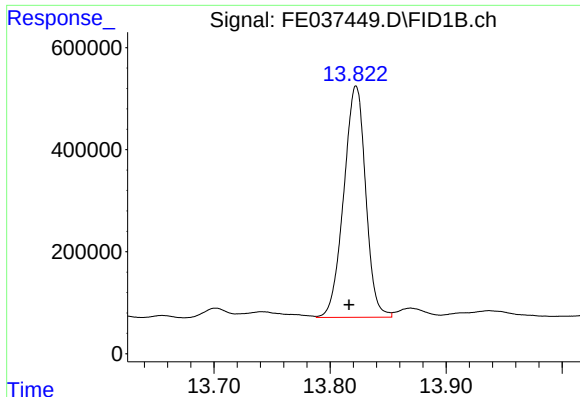
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: 0.005 min
Response: 5903813
Conc: 37.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: 0.005 min
Response: 23148945
Conc: 179.87 ug/ml



#13 n-Docosane (C22)

R.T.: 13.822 min
Delta R.T.: 0.006 min
Response: 5949281
Conc: 38.22 ug/ml

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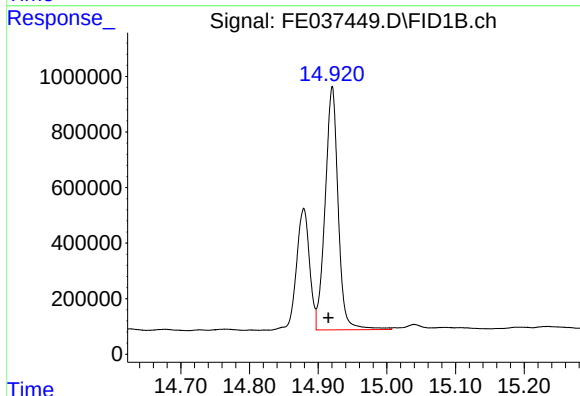
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Supervised By :Ankita

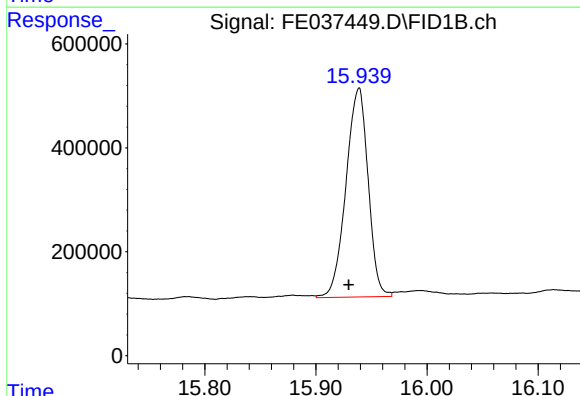
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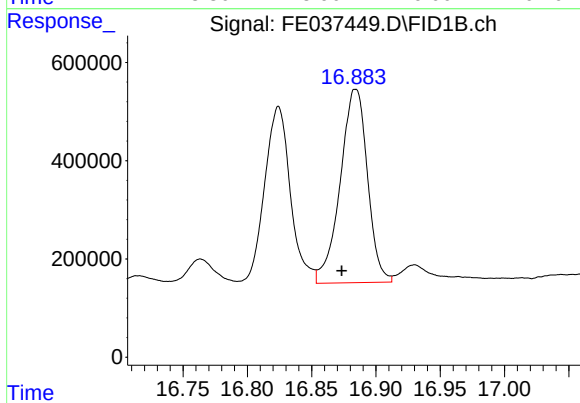
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: 0.006 min
Response: 11554202
Conc: 76.82 ug/ml



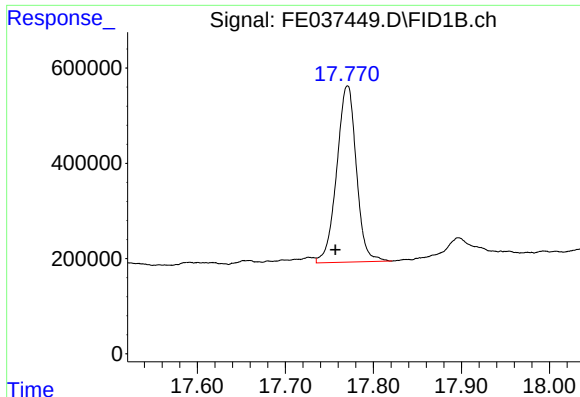
#15 n-Hexacosane (C26)

R.T.: 15.939 min
Delta R.T.: 0.009 min
Response: 5572372
Conc: 38.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.884 min
Delta R.T.: 0.011 min
Response: 5821658
Conc: 42.02 ug/ml



#17 n-Tricontane (C30)

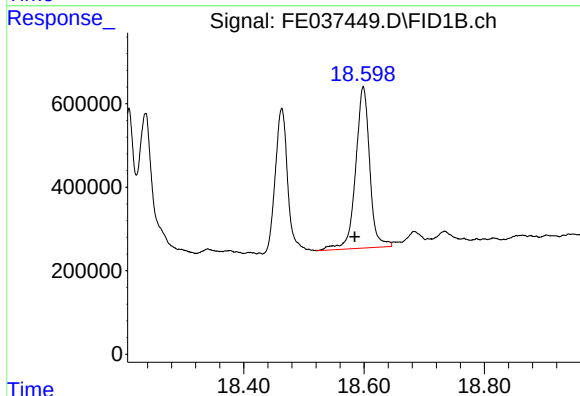
R.T.: 17.771 min
Delta R.T.: 0.014 min
Response: 5723523
Conc: 42.07 ug/ml

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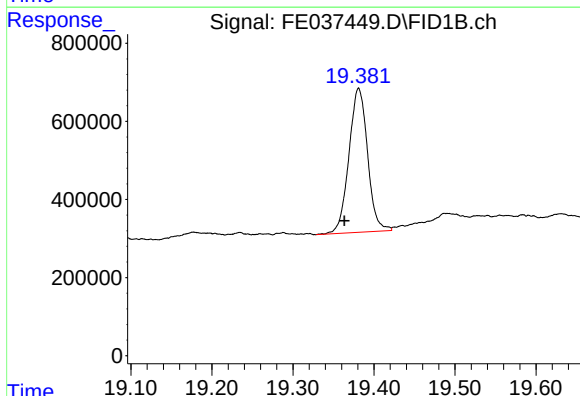
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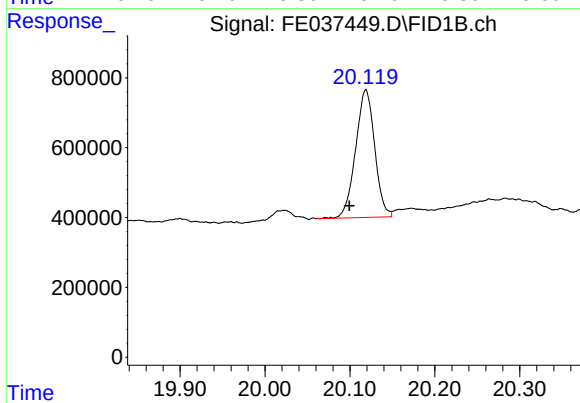
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: 0.014 min
Response: 6299850
Conc: 47.18 ug/ml



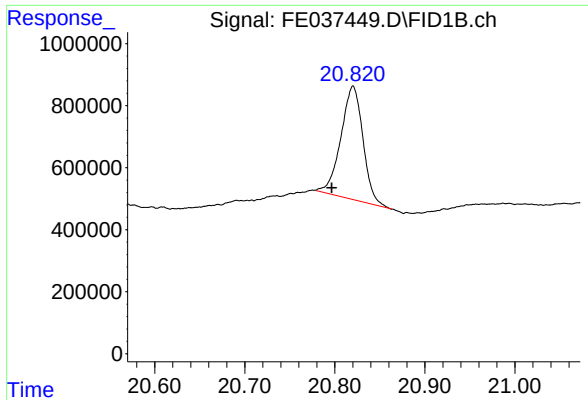
#19 n-Tetratriacontane (C34)

R.T.: 19.381 min
Delta R.T.: 0.018 min
Response: 5897434
Conc: 46.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.119 min
Delta R.T.: 0.019 min
Response: 5699320
Conc: 44.31 ug/ml



#21 n-Octatriacontane (C38)

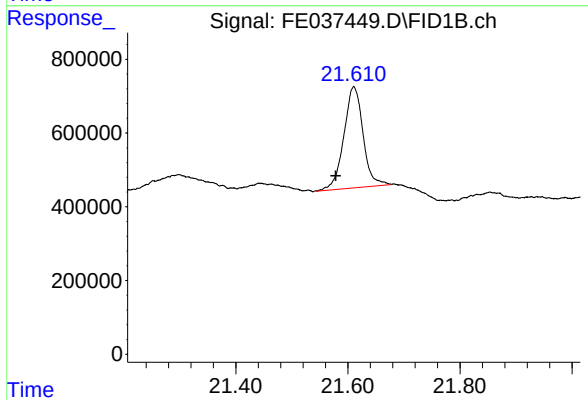
R.T.: 20.820 min
Delta R.T.: 0.024 min
Response: 6226922
Conc: 50.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.032 min
Response: 6525640
Conc: 50.62 ug/ml m