

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111822AL\
 Data File : FE038839.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2022 20:22
 Operator : YP\AJ
 Sample : N5691-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-358MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/21/2022

Supervised By :Ankita Jodhani 11/21/2022

Integration File: sample.E

Quant Time: Nov 20 10:19:21 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M

Quant Title : GC Extractables

Qlast Update : Wed Oct 26 04:49:29 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)	11.958	5242755	30.468 ug/mlm
Spiked Amount 50.000		Recovery =	60.94%
12) S 1-chlorooctadecane (S...	13.392	4362726	31.868 ug/ml
Spiked Amount 50.000		Recovery =	63.74%
Target Compounds			
1) T n-Nonane (C9)	3.354	4448999	28.887 ug/ml
2) T n-Decane (C10)	4.603	5055143	32.567 ug/mlm
3) T A~Naphthalene (C11.7)	6.305	5956588	35.173 ug/ml
4) T n-Dodecane (C12)	6.765	5660256	36.233 ug/ml
5) T A~2-methylnaphthalene...	7.400	5901554	35.215 ug/ml
6) T n-Tetradecane (C14)	8.591	5844125	37.369 ug/ml
7) T n-Hexadecane (C16)	10.198	6147279	38.909 ug/ml
8) T n-Octadecane (C18)	11.640	6268520	39.134 ug/ml
10) T n-Eicosane (C20)	12.949	6174494	38.321 ug/ml
11) T n-Heneicosane (C21)	13.560	6041845	37.403 ug/ml
13) T n-Docosane (C22)	14.147	6106892	37.827 ug/ml
14) T n-Tetracosane (C24)	15.240	11968303	74.616 ug/ml
15) T n-Hexacosane (C26)	16.271	5741690	36.149 ug/ml
16) T n-Octacosane (C28)	17.219	5747305	36.633 ug/mlm
17) T n-Tricontane (C30)	18.107	5512288	34.547 ug/ml
18) T n-Dotriacontane (C32)	18.939	5519822	35.009 ug/ml
19) T n-Tetratriacontane (C34)	19.723	5448522	36.958 ug/ml
20) T n-Hexatriacontane (C36)	20.462	5189813	36.322 ug/ml
21) T n-Octatriacontane (C38)	21.203	5202619	38.520 ug/ml
22) T n-Tetracontane (C40)	22.129	5299628	41.984 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

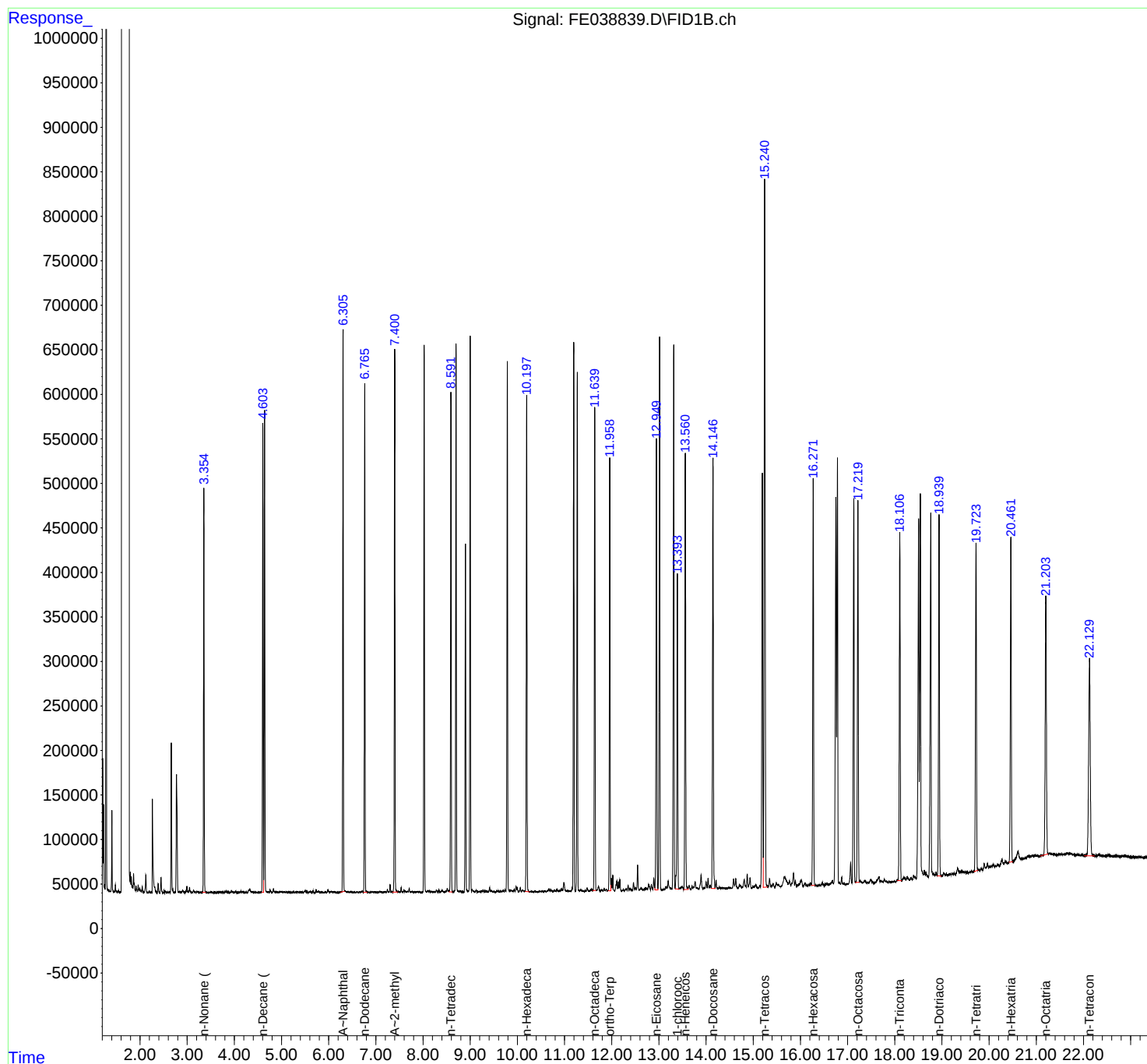
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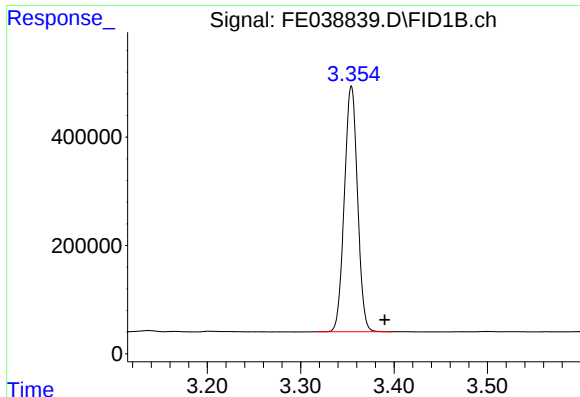
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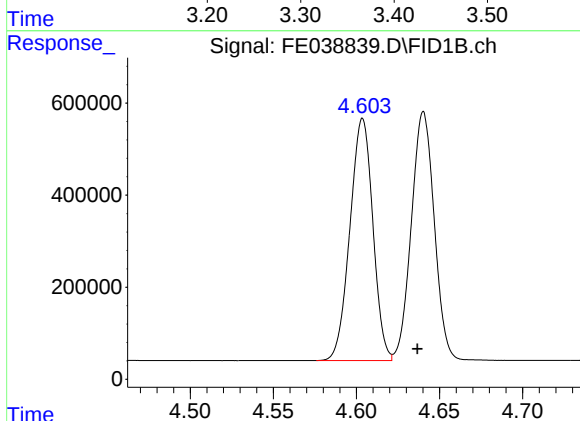
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.036 min
Response: 4448999
Conc: 28.89 ug/ml

Instrument :
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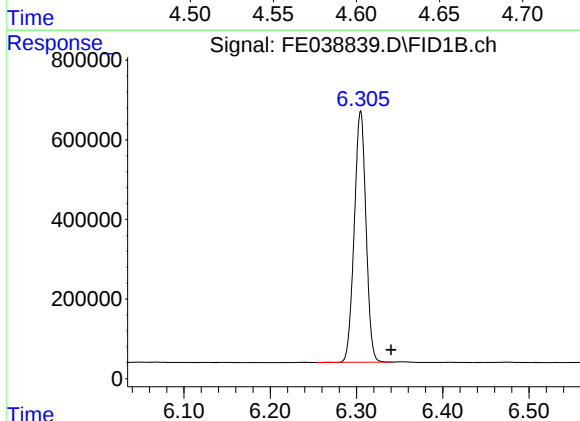
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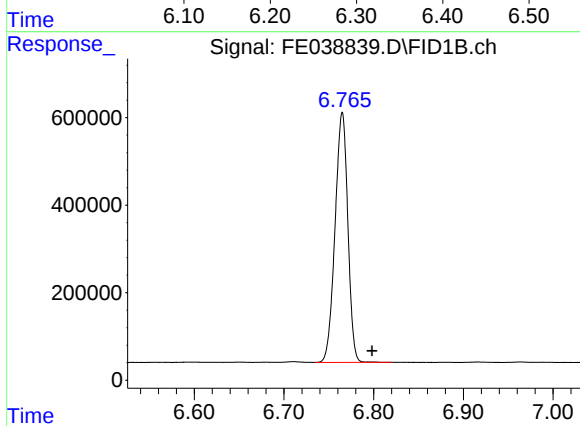
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.034 min
Response: 5055143
Conc: 32.57 ug/ml m



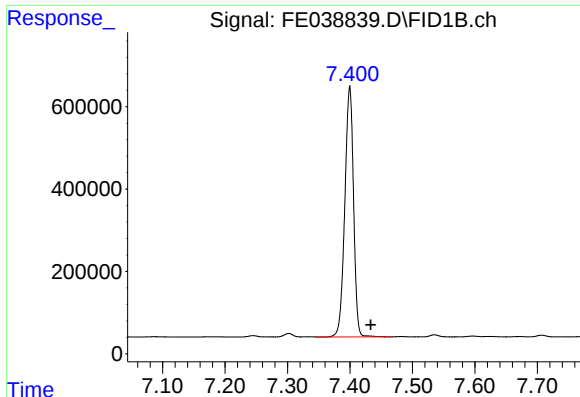
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.035 min
Response: 5956588
Conc: 35.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.765 min
Delta R.T.: -0.033 min
Response: 5660256
Conc: 36.23 ug/ml



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

R.T.: 7.400 min
Delta R.T.: -0.034 min
Response: 5901554
Conc: 35.22 ug/ml

Instrument :

FID_E

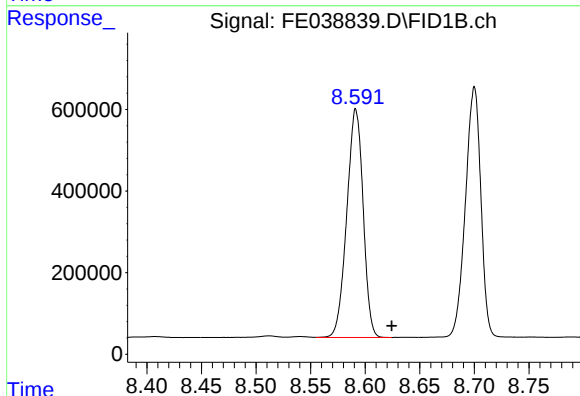
ClientSampleId :

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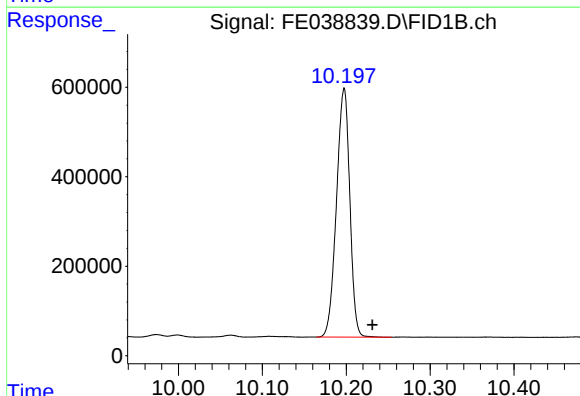
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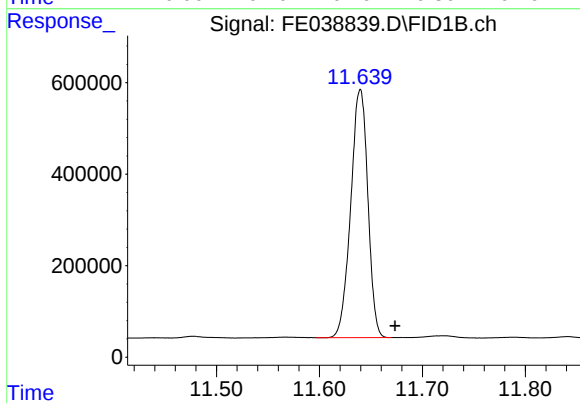
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.033 min
Response: 5844125
Conc: 37.37 ug/ml



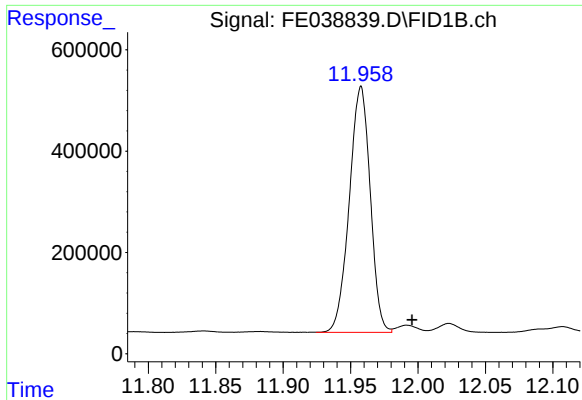
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.034 min
Response: 6147279
Conc: 38.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: -0.034 min
Response: 6268520
Conc: 39.13 ug/ml



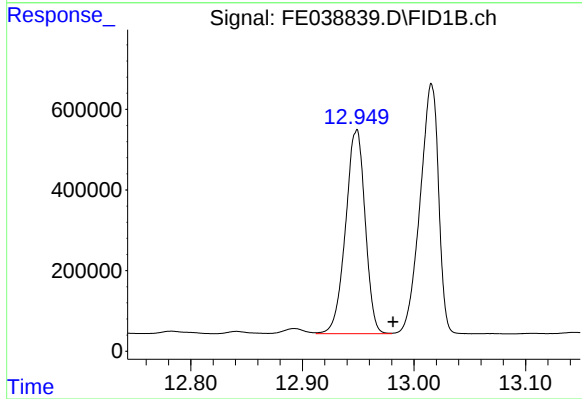
#9 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: -0.038 min
Response: 5242755
Conc: 30.47 ug/ml

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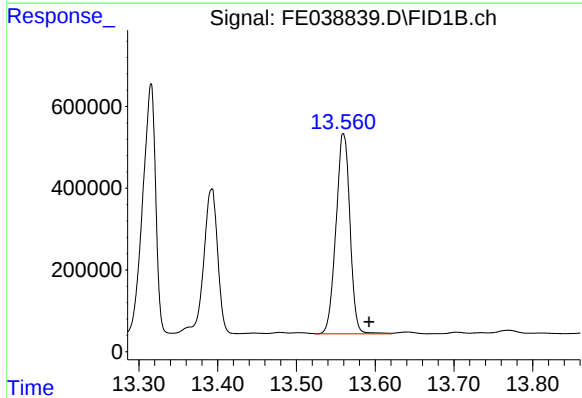
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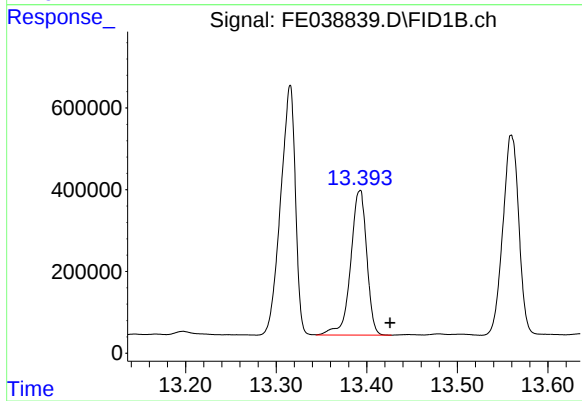
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.033 min
Response: 6174494
Conc: 38.32 ug/ml



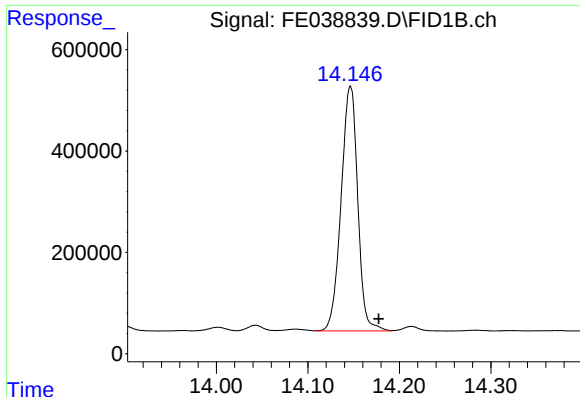
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.032 min
Response: 6041845
Conc: 37.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.033 min
Response: 4362726
Conc: 31.87 ug/ml



#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.031 min
Response: 6106892
Conc: 37.83 ug/ml

Instrument :

FID_E

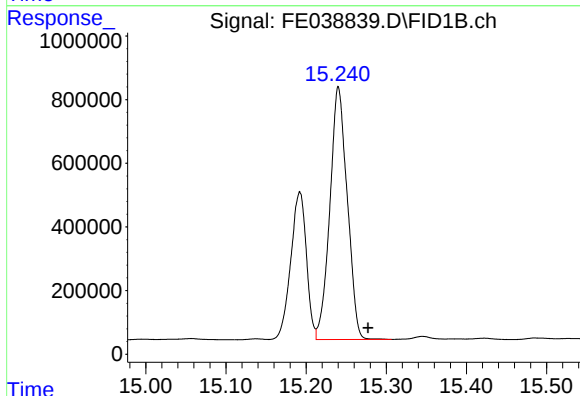
ClientSampleId :

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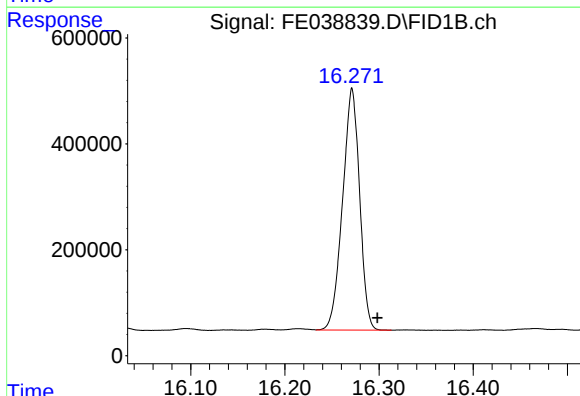
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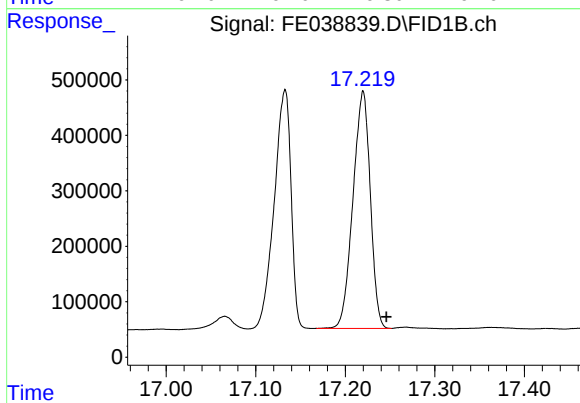
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.037 min
Response: 11968303
Conc: 74.62 ug/ml



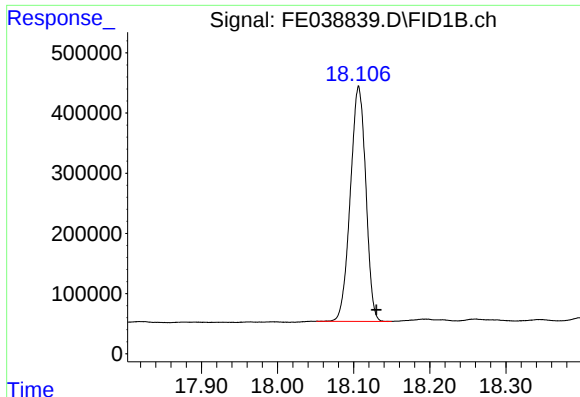
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.027 min
Response: 5741690
Conc: 36.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.026 min
Response: 5747305
Conc: 36.63 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.023 min
Response: 5512288
Conc: 34.55 ug/ml

Instrument :

FID_E

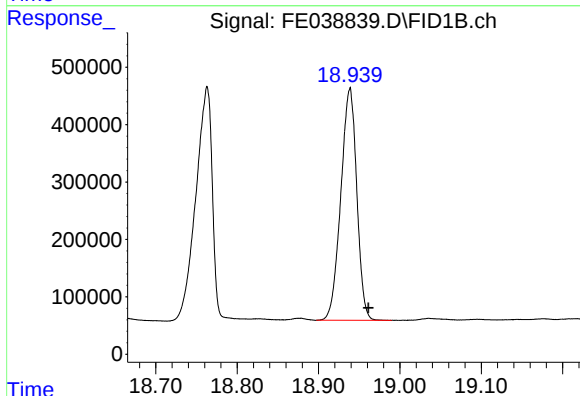
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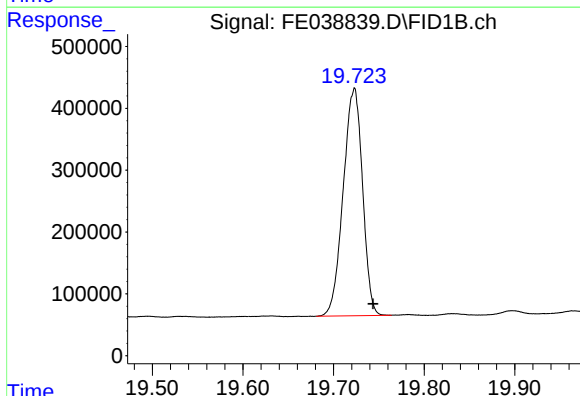
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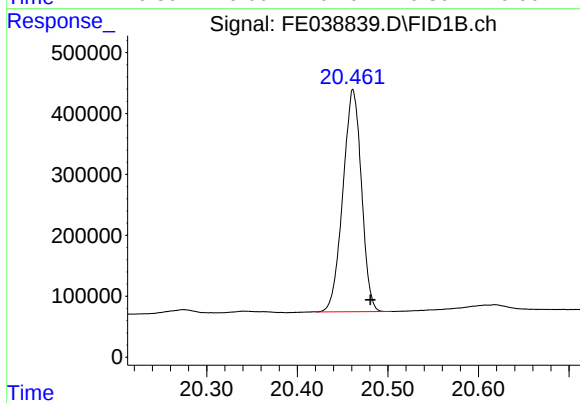
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.023 min
Response: 5519822
Conc: 35.01 ug/ml



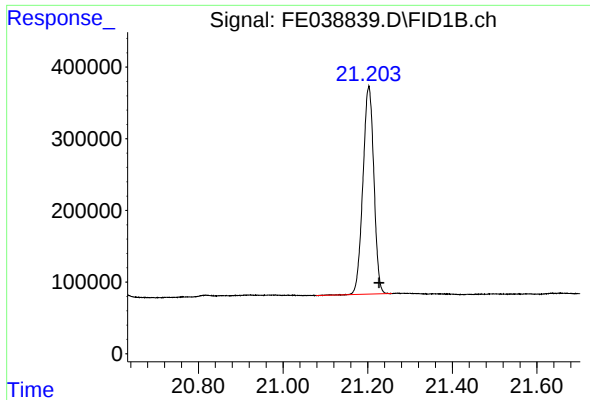
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.020 min
Response: 5448522
Conc: 36.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.019 min
Response: 5189813
Conc: 36.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 5202619
Conc: 38.52 ug/ml

Instrument :

FID_E

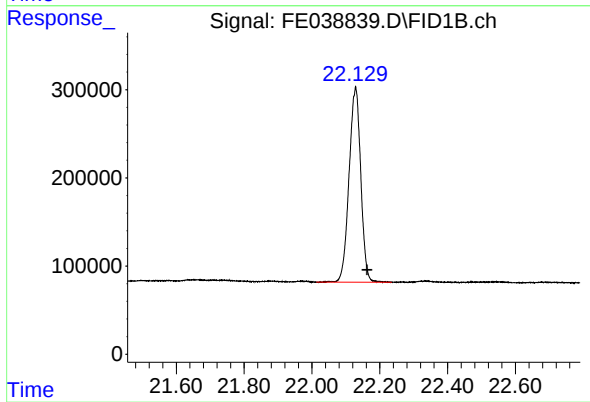
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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.033 min
Response: 5299628
Conc: 41.98 ug/ml