

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120522AL\
 Data File : FE039135.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2022 23:27
 Operator : YP\AJ
 Sample : N5870-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ML-5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2022
 Supervised By :Ankita Jodhani 12/06/2022

Integration File: sample.E
 Quant Time: Dec 06 03:11:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.943	3704586	23.681 ug/ml
Spiked Amount 50.000		Recovery =	47.36%
12) S 1-chlorooctadecane (S...	13.377	2848629	23.593 ug/ml
Spiked Amount 50.000		Recovery =	47.19%
Target Compounds			
1) T n-Nonane (C9)	3.342	3158512	22.283 ug/ml
2) T n-Decane (C10)	4.590	3589608	25.754 ug/ml
3) T A~Naphthalene (C11.7)	6.291	5096097	32.040 ug/ml
4) T n-Dodecane (C12)	6.751	3900171	27.669 ug/ml
5) T A~2-methylnaphthalene...	7.385	4929101	32.934 ug/ml
6) T n-Tetradecane (C14)	8.577	3914413	27.408 ug/ml
7) T n-Hexadecane (C16)	10.183	4079414	27.901 ug/ml
8) T n-Octadecane (C18)	11.625	4198544	28.533 ug/ml
10) T n-Eicosane (C20)	12.933	4066013	28.641 ug/ml
11) T n-Heneicosane (C21)	13.545	3990995	28.086 ug/ml
13) T n-Docosane (C22)	14.130	4024734	28.792 ug/ml
14) T n-Tetracosane (C24)	15.228	2836781	20.541 ug/mlm
15) T n-Hexacosane (C26)	16.254	3903969	29.066 ug/ml
16) T n-Octacosane (C28)	17.203	3853897	29.021 ug/ml
17) T n-Tricontane (C30)	18.091	3665208	27.754 ug/ml
18) T n-Dotriacontane (C32)	18.922	3594720	26.954 ug/ml
19) T n-Tetratriacontane (C34)	19.705	3217783	24.318 ug/mlm
20) T n-Hexatriacontane (C36)	20.446	2625634	20.438 ug/mlm
21) T n-Octatriacontane (C38)	21.183	2117003	16.156 ug/ml
22) T n-Tetracontane (C40)	22.097	1596620	11.725 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N5870-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

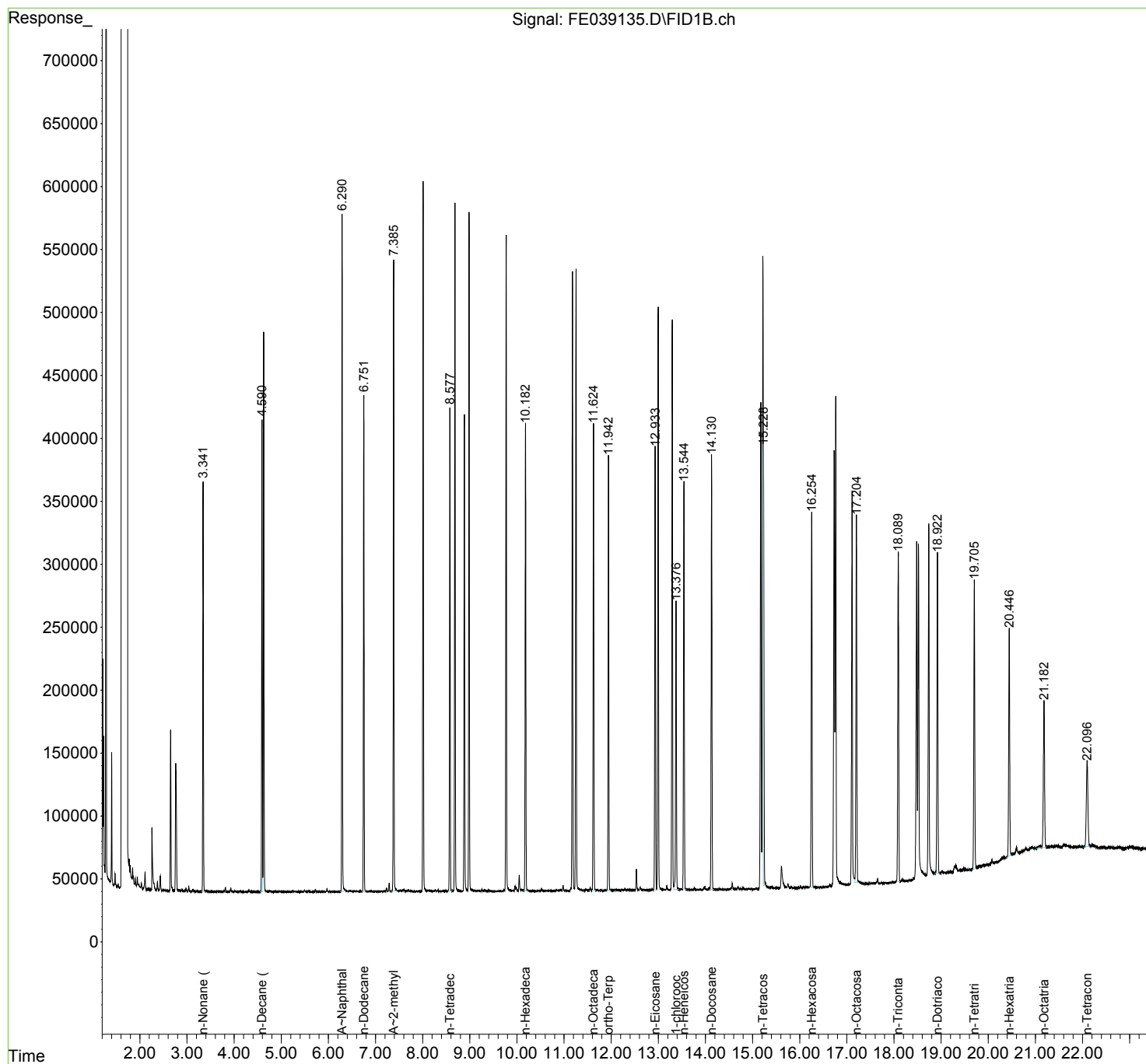
Instrument :
FID_E
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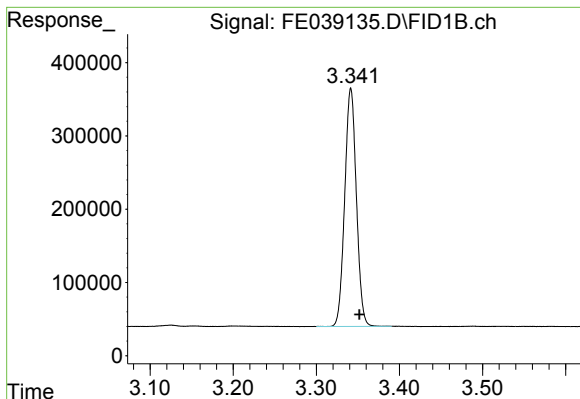
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: -0.010 min
Response: 3158512
Conc: 22.28 ug/ml

Instrument :

FID_E

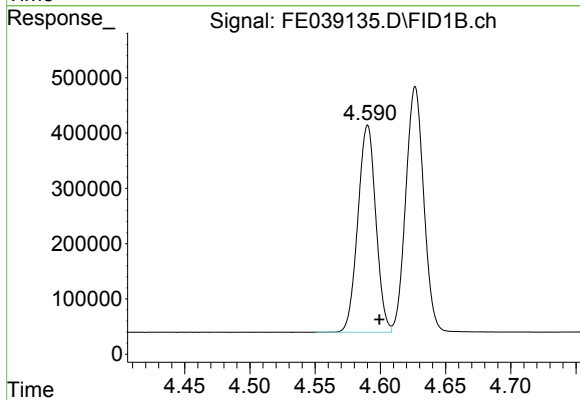
ClientSampleId :

ML-5MSD

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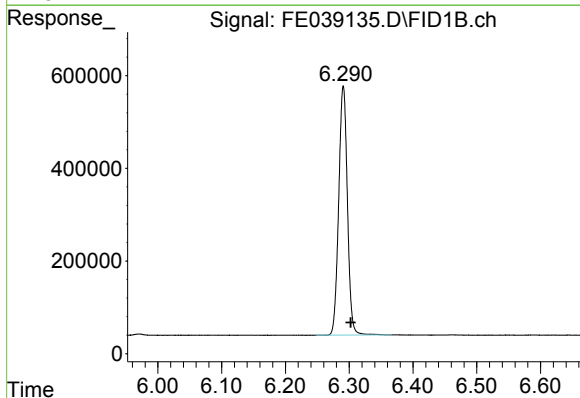
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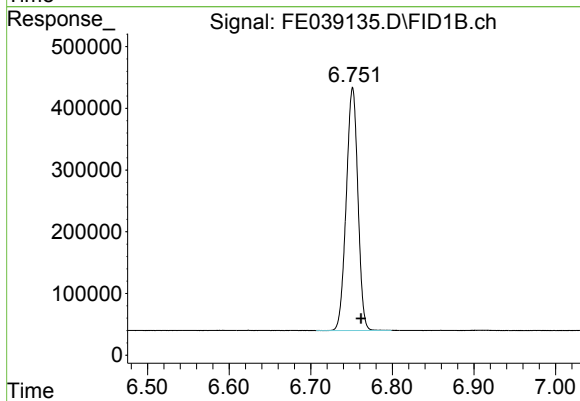
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.009 min
Response: 3589608
Conc: 25.75 ug/ml



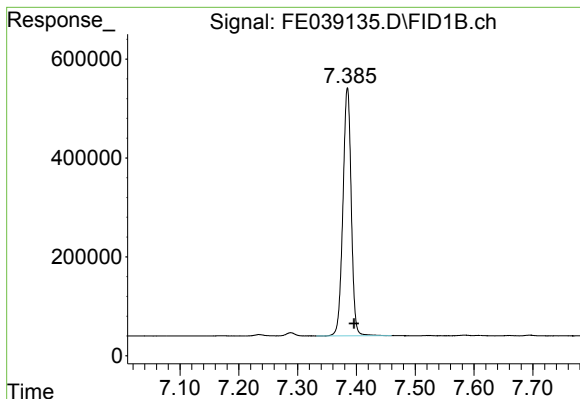
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.011 min
Response: 5096097
Conc: 32.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.010 min
Response: 3900171
Conc: 27.67 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 4929101
Conc: 32.93 ug/ml

Instrument :

FID_E

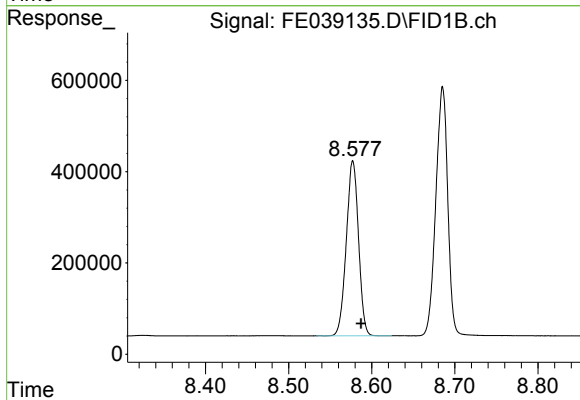
ClientSampleId :

ML-5MSD

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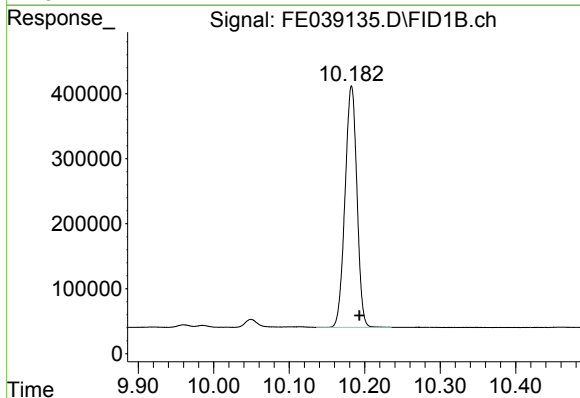
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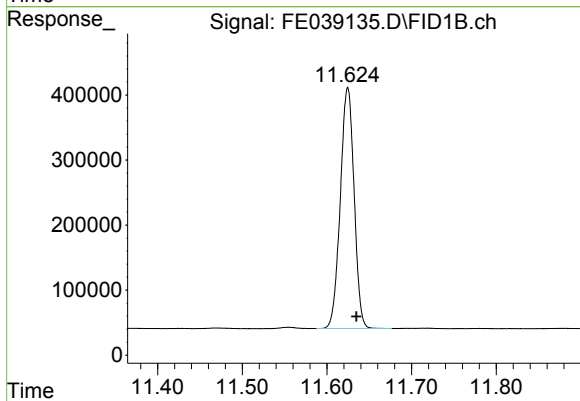
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.010 min
Response: 3914413
Conc: 27.41 ug/ml



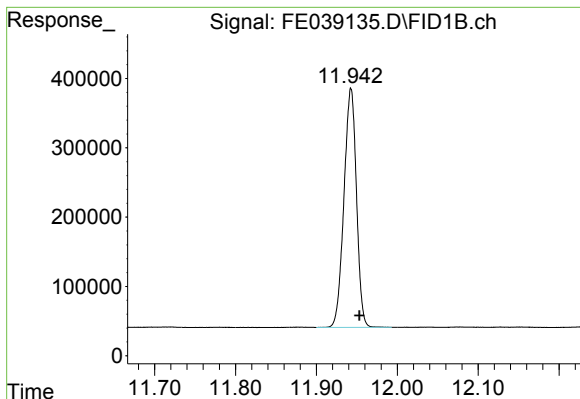
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.010 min
Response: 4079414
Conc: 27.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: -0.010 min
Response: 4198544
Conc: 28.53 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.010 min
Response: 3704586
Conc: 23.68 ug/ml

Instrument :

FID_E

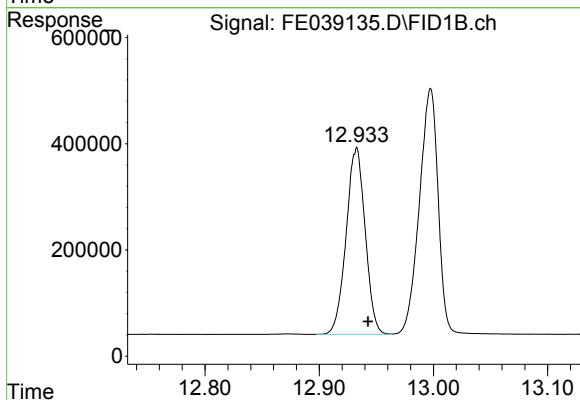
ClientSampleId :

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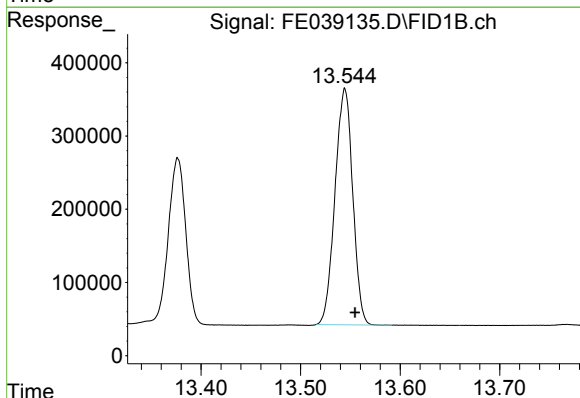
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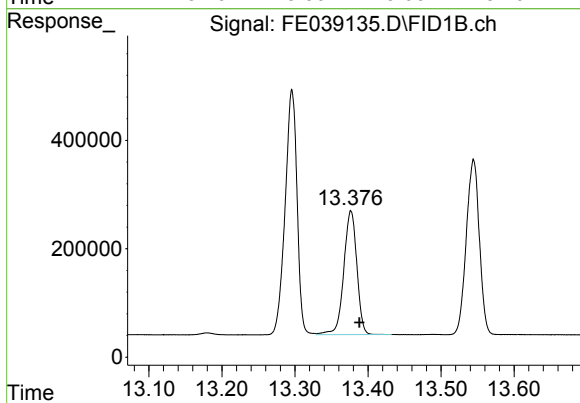
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.010 min
Response: 4066013
Conc: 28.64 ug/ml



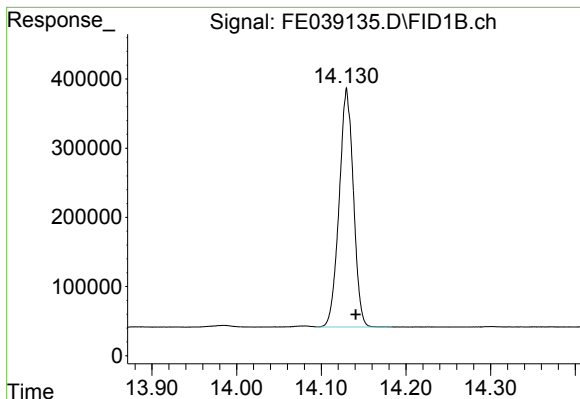
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.010 min
Response: 3990995
Conc: 28.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.011 min
Response: 2848629
Conc: 23.59 ug/ml



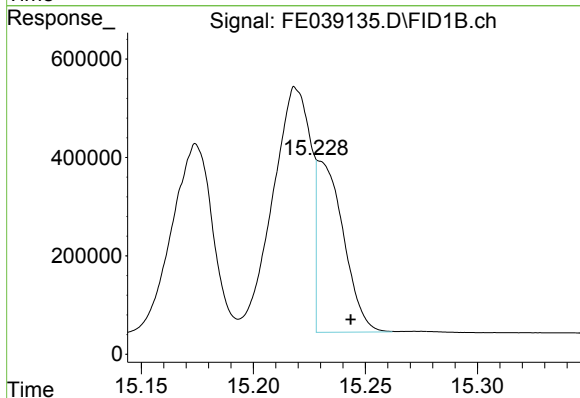
#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: -0.011 min
Response: 4024734
Conc: 28.79 ug/ml

Instrument :
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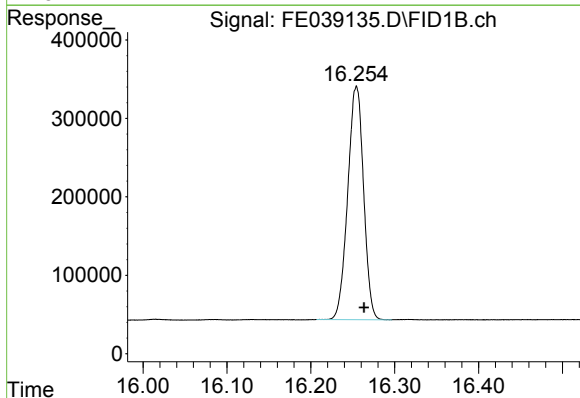
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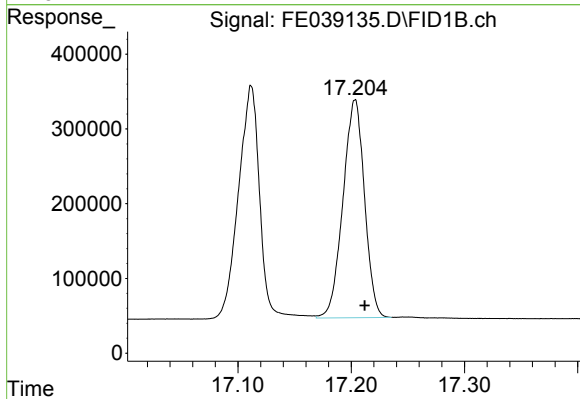
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.015 min
Response: 2836781
Conc: 20.54 ug/ml m



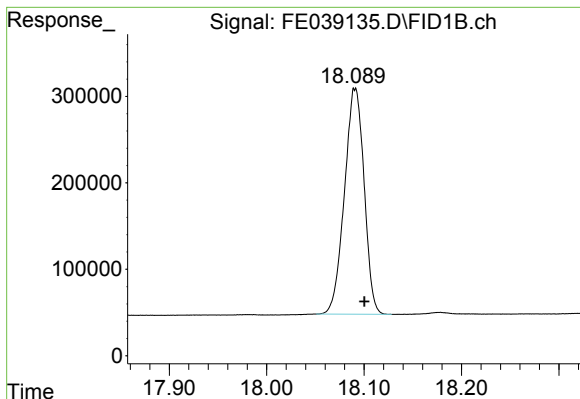
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.009 min
Response: 3903969
Conc: 29.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.008 min
Response: 3853897
Conc: 29.02 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.009 min
Response: 3665208
Conc: 27.75 ug/ml

Instrument :

FID_E

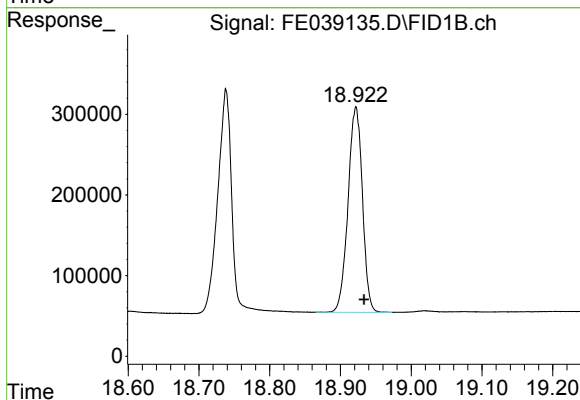
ClientSampleId :

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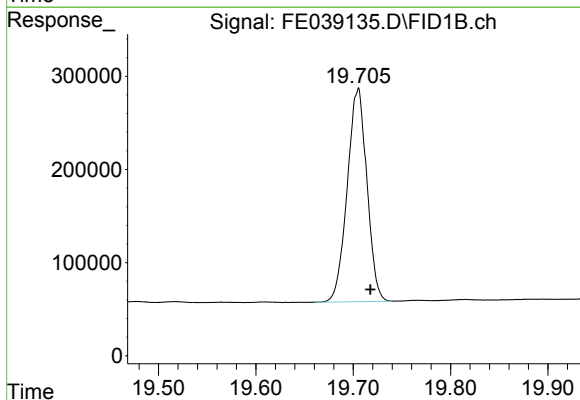
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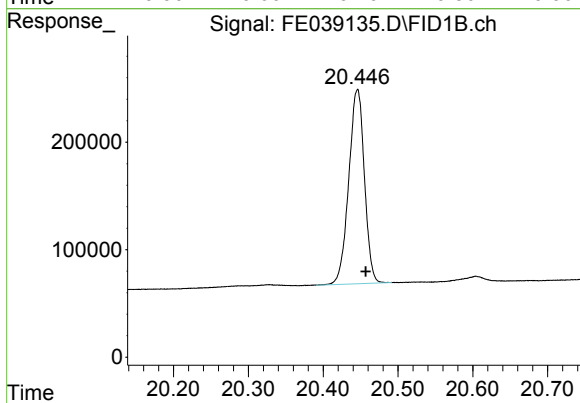
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 3594720
Conc: 26.95 ug/ml



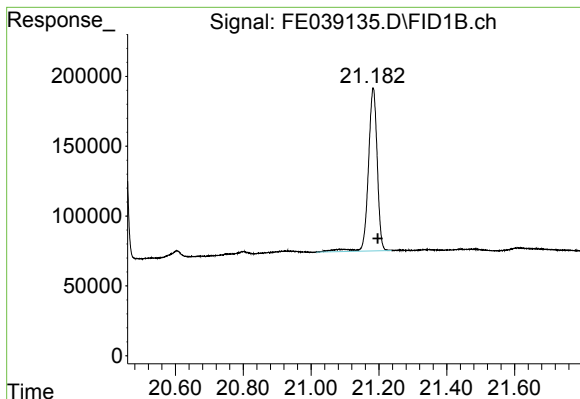
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.012 min
Response: 3217783
Conc: 24.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.011 min
Response: 2625634
Conc: 20.44 ug/ml m



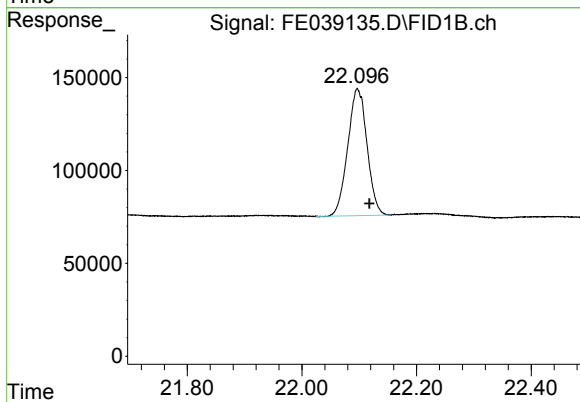
#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.014 min
Response: 2117003
Conc: 16.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.021 min
Response: 1596620
Conc: 11.73 ug/ml