

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120522AL\
 Data File : FE039134.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2022 22:56
 Operator : YP\AJ
 Sample : N5870-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ML-5MS

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 03:11:10 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	3686009	23.562 ug/ml
Spiked Amount 50.000		Recovery =	47.12%
12) S 1-chlorooctadecane (S...	13.376	2829184	23.432 ug/ml
Spiked Amount 50.000		Recovery =	46.86%
Target Compounds			
1) T n-Nonane (C9)	3.342	3173959	22.392 ug/ml
2) T n-Decane (C10)	4.591	3607110	25.880 ug/ml
3) T A~Naphthalene (C11.7)	6.291	5091262	32.010 ug/ml
4) T n-Dodecane (C12)	6.752	3915657	27.779 ug/ml
5) T A~2-methylnaphthalene...	7.386	4925686	32.911 ug/ml
6) T n-Tetradecane (C14)	8.578	3922256	27.463 ug/ml
7) T n-Hexadecane (C16)	10.183	4080503	27.908 ug/ml
8) T n-Octadecane (C18)	11.625	4190400	28.477 ug/ml
10) T n-Eicosane (C20)	12.934	4048776	28.520 ug/ml
11) T n-Heneicosane (C21)	13.545	3977521	27.991 ug/ml
13) T n-Docosane (C22)	14.131	4000636	28.619 ug/ml
14) T n-Tetracosane (C24)	15.227	3148195	22.796 ug/mlm
15) T n-Hexacosane (C26)	16.254	3883511	28.914 ug/ml
16) T n-Octacosane (C28)	17.203	3846407	28.964 ug/ml
17) T n-Tricontane (C30)	18.091	3655171	27.678 ug/ml
18) T n-Dotriacontane (C32)	18.922	3586571	26.893 ug/ml
19) T n-Tetratriacontane (C34)	19.704	3202162	24.200 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2586561	20.133 ug/mlm
21) T n-Octatriacontane (C38)	21.183	2176314	16.608 ug/ml
22) T n-Tetracontane (C40)	22.100	1547972	11.368 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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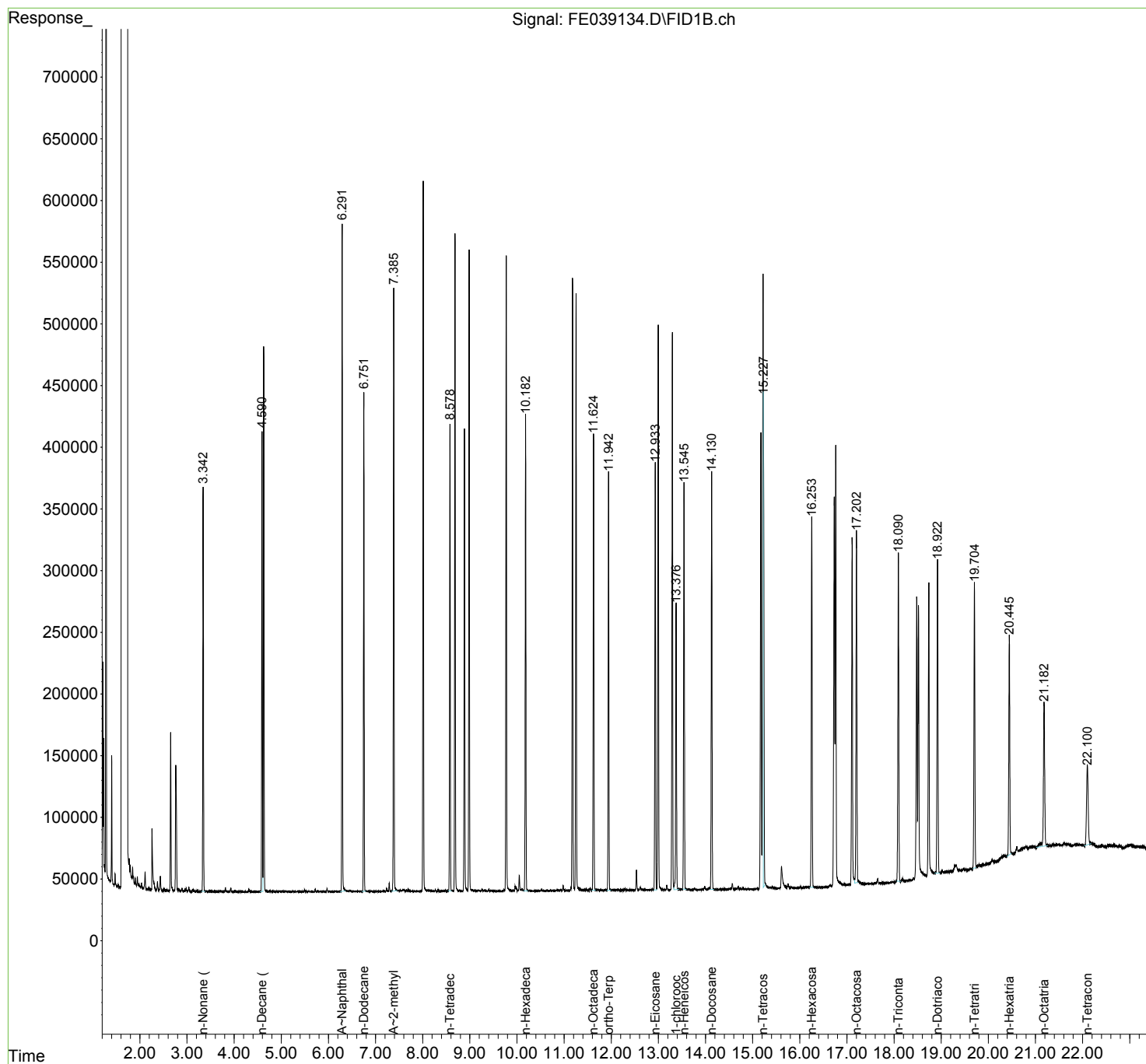
Instrument :
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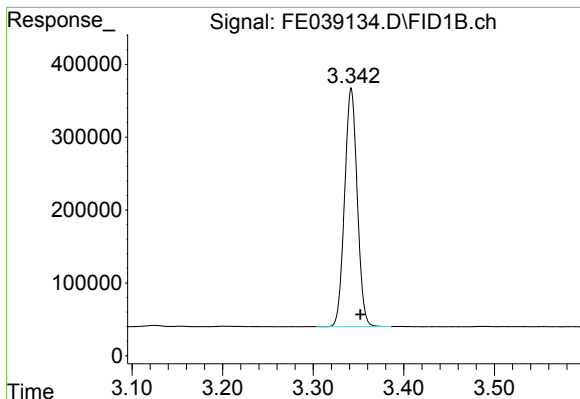
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#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: -0.010 min
Response: 3173959
Conc: 22.39 ug/ml

Instrument :

FID_E

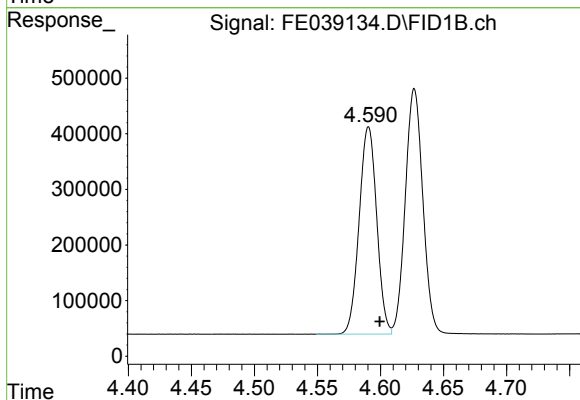
ClientSampleId :

ML-5MS

Manual Integrations

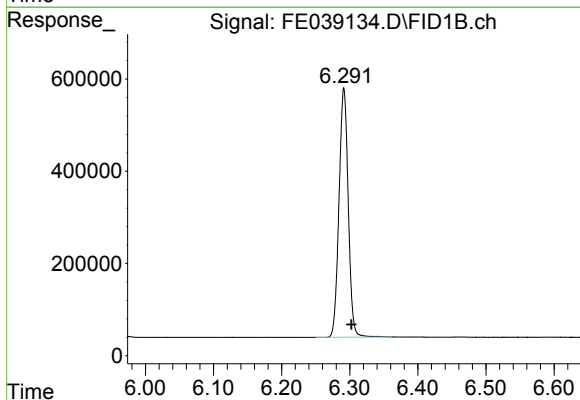
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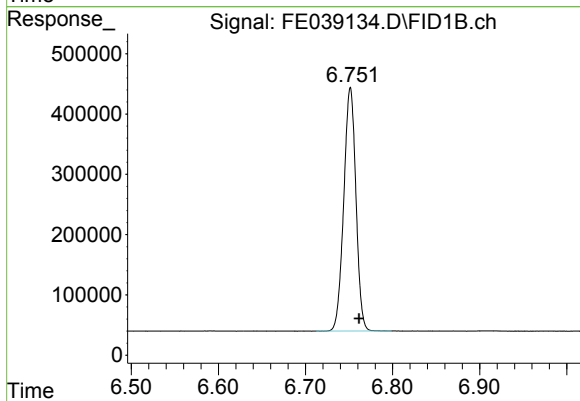
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: -0.009 min
Response: 3607110
Conc: 25.88 ug/ml



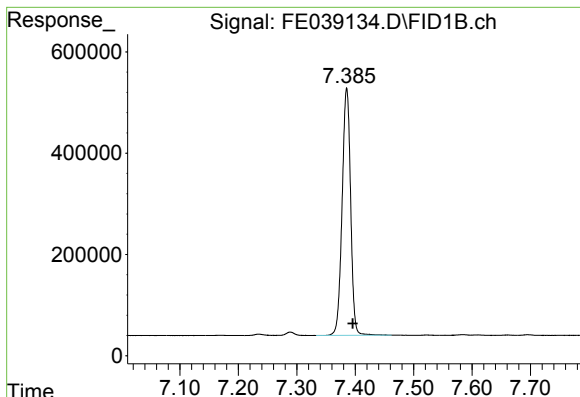
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.011 min
Response: 5091262
Conc: 32.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: -0.010 min
Response: 3915657
Conc: 27.78 ug/ml



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

R.T.: 7.386 min
 Delta R.T.: -0.010 min
 Response: 4925686
 Conc: 32.91 ug/ml

Instrument :

FID_E

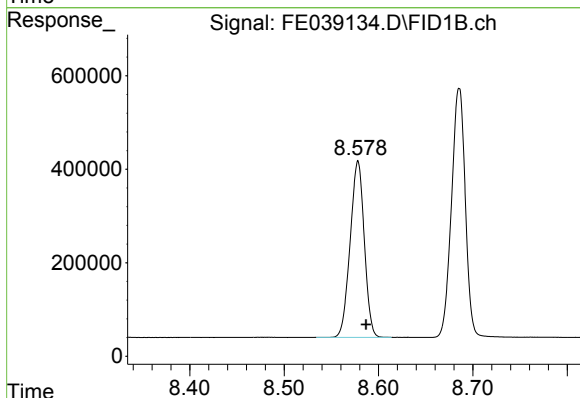
ClientSampleId :

ML-5MS

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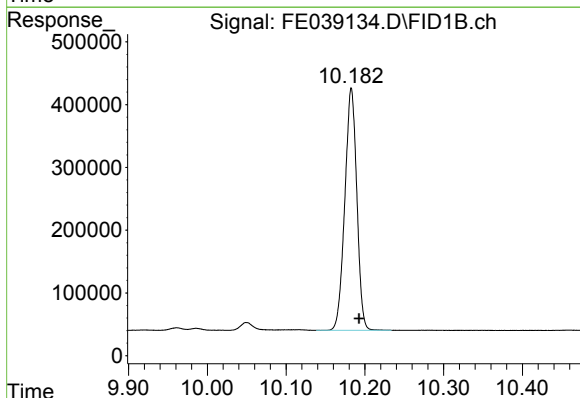
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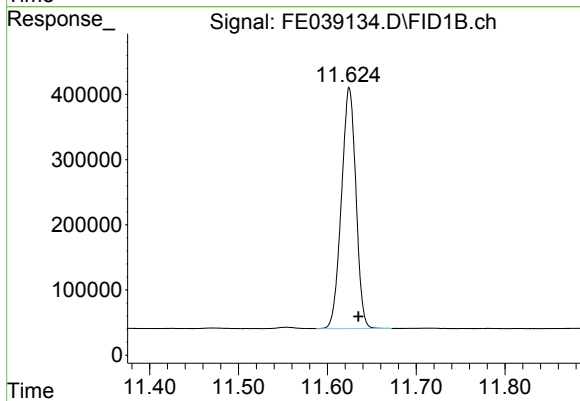
#6 n-Tetradecane (C14)

R.T.: 8.578 min
 Delta R.T.: -0.009 min
 Response: 3922256
 Conc: 27.46 ug/ml



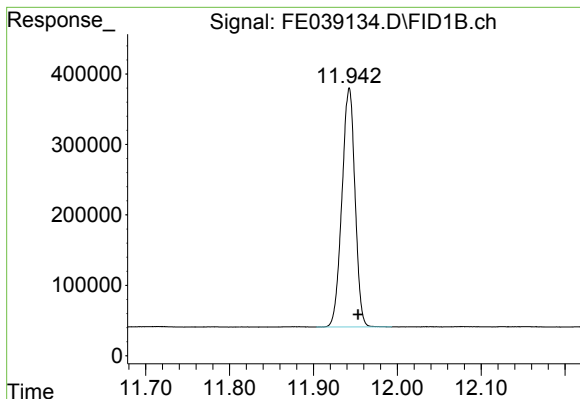
#7 n-Hexadecane (C16)

R.T.: 10.183 min
 Delta R.T.: -0.010 min
 Response: 4080503
 Conc: 27.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.625 min
 Delta R.T.: -0.010 min
 Response: 4190400
 Conc: 28.48 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.010 min
Response: 3686009
Conc: 23.56 ug/ml

Instrument :

FID_E

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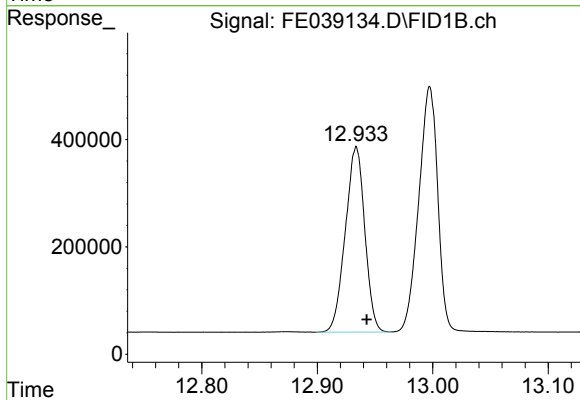
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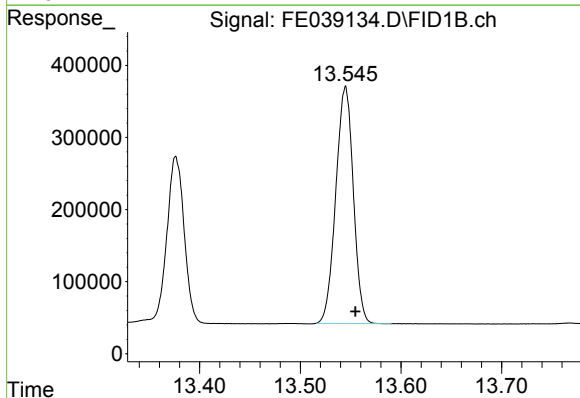
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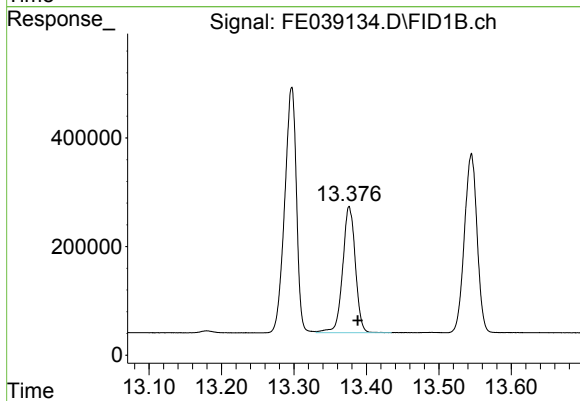
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.009 min
Response: 4048776
Conc: 28.52 ug/ml



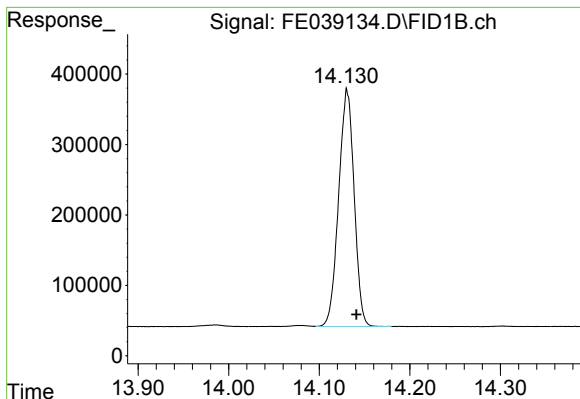
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.010 min
Response: 3977521
Conc: 27.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.012 min
Response: 2829184
Conc: 23.43 ug/ml



#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.010 min
Response: 4000636
Conc: 28.62 ug/ml

Instrument :

FID_E

ClientSampleId :

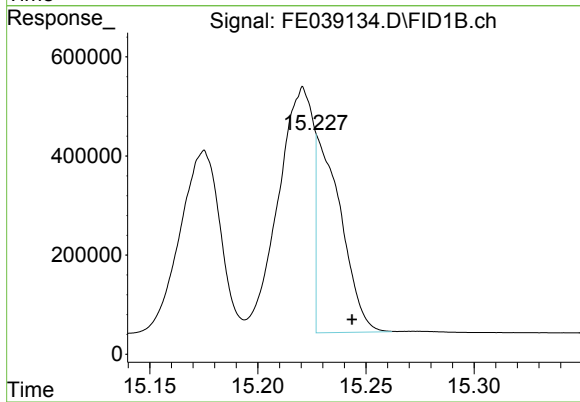
ML-5MS

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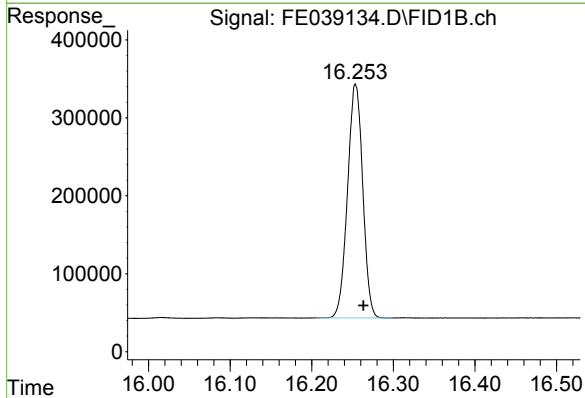
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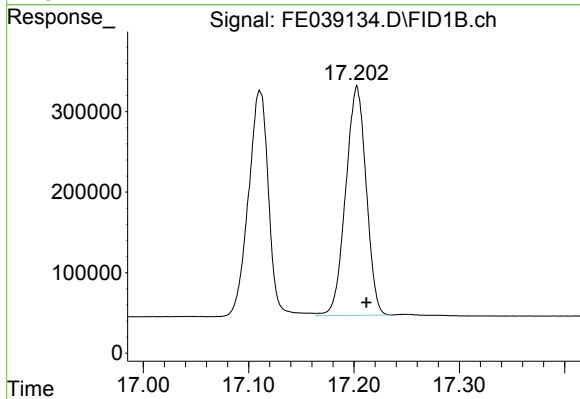
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.017 min
Response: 3148195
Conc: 22.80 ug/ml m



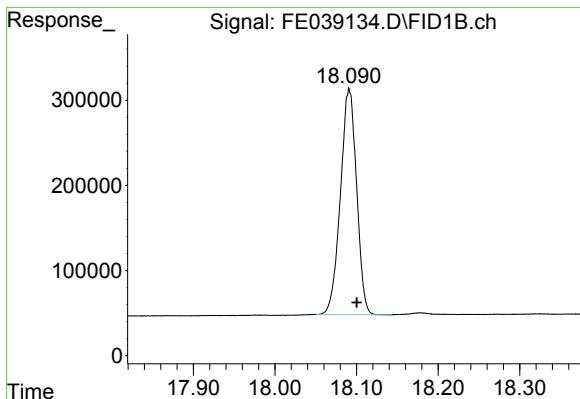
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.010 min
Response: 3883511
Conc: 28.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.009 min
Response: 3846407
Conc: 28.96 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.009 min
Response: 3655171
Conc: 27.68 ug/ml

Instrument :

FID_E

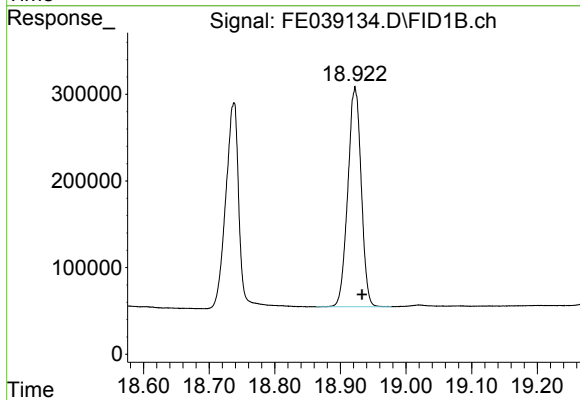
ClientSampleId :

ML-5MS

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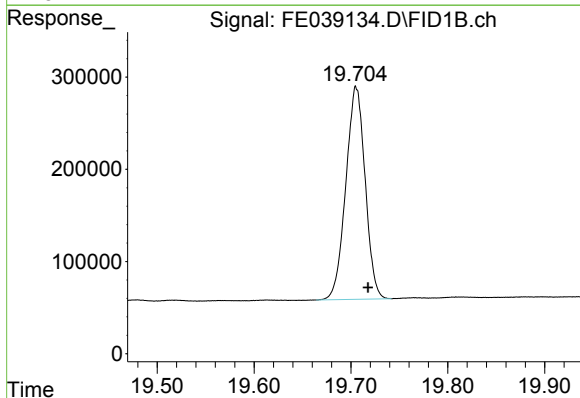
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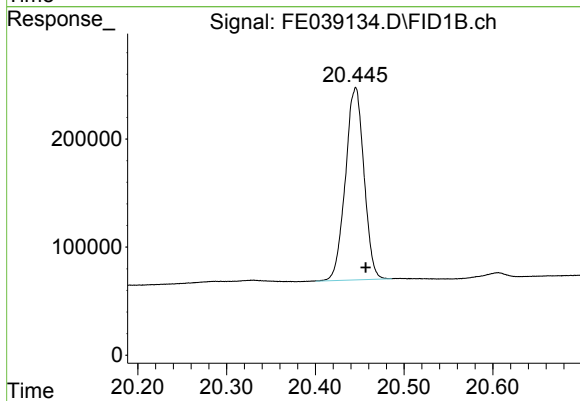
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 3586571
Conc: 26.89 ug/ml



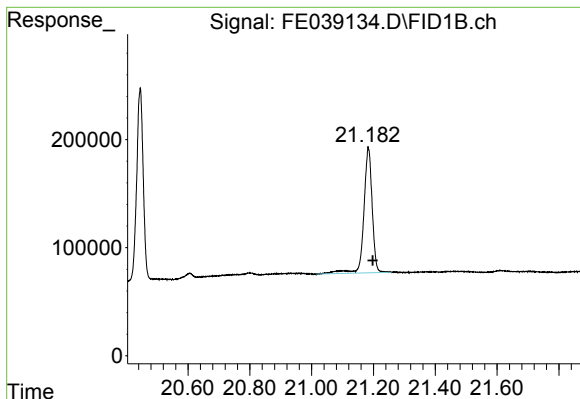
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.013 min
Response: 3202162
Conc: 24.20 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 2586561
Conc: 20.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.014 min
Response: 2176314
Conc: 16.61 ug/ml

Instrument :

FID_E

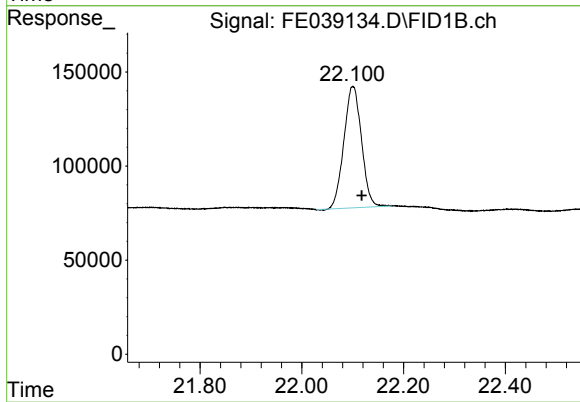
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.017 min
Response: 1547972
Conc: 11.37 ug/ml