

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120522AL\
 Data File : FE039122.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2022 16:46
 Operator : YP\AJ
 Sample : PB149414BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149414BS

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 03:08:45 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)	11.945	7418022	47.418 ug/ml
Spiked Amount 50.000		Recovery =	94.84%
12) S 1-chlorooctadecane (S...	13.378	5462858	45.245 ug/ml
Spiked Amount 50.000		Recovery =	90.49%
Target Compounds			
1) T n-Nonane (C9)	3.350	7554550	53.296 ug/ml
2) T n-Decane (C10)	4.594	7952888	57.060 ug/ml
3) T A~Naphthalene (C11.7)	6.291	6325177	39.768 ug/ml
4) T n-Dodecane (C12)	6.753	8510078	60.373 ug/ml
5) T A~2-methylnaphthalene...	7.385	6334110	42.322 ug/ml
6) T n-Tetradecane (C14)	8.580	8615129	60.321 ug/ml
7) T n-Hexadecane (C16)	10.185	9164374	62.679 ug/ml
8) T n-Octadecane (C18)	11.628	9639578	65.509 ug/ml
10) T n-Eicosane (C20)	12.936	9491515	66.859 ug/ml
11) T n-Heneicosane (C21)	13.548	9416060	66.264 ug/ml
13) T n-Docosane (C22)	14.133	9535710	68.216 ug/ml
14) T n-Tetracosane (C24)	15.236	8431367	61.051 ug/ml
15) T n-Hexacosane (C26)	16.258	9456600	70.407 ug/ml
16) T n-Octacosane (C28)	17.207	9357995	70.468 ug/ml
17) T n-Tricontane (C30)	18.094	9029165	68.371 ug/ml
18) T n-Dotriacontane (C32)	18.925	8846526	66.333 ug/ml
19) T n-Tetratriacontane (C34)	19.710	7996955	60.435 ug/mlm
20) T n-Hexatriacontane (C36)	20.449	6342327	49.368 ug/mlm
21) T n-Octatriacontane (C38)	21.186	4729481	36.093 ug/ml
22) T n-Tetracontane (C40)	22.103	3281779	24.101 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149414BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

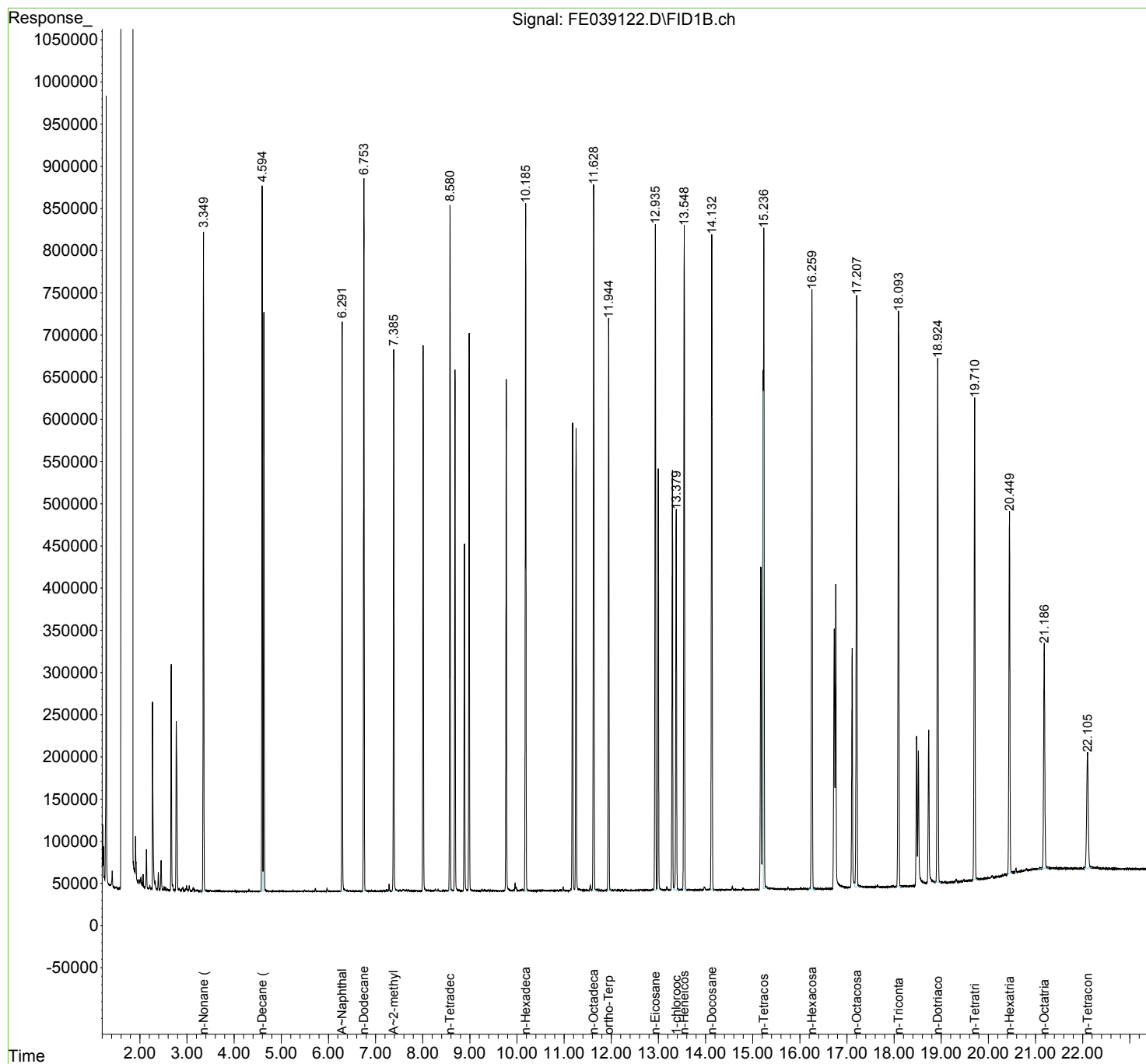
Instrument :
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PB149414BS

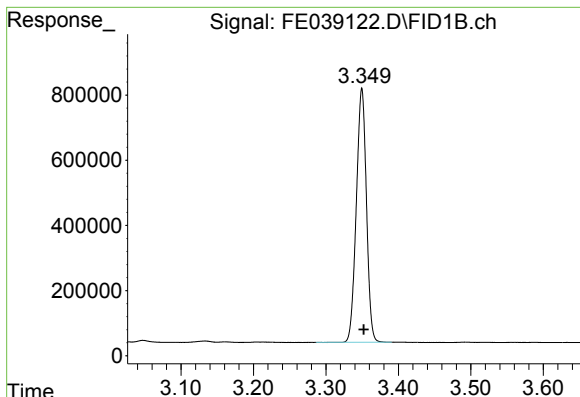
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 7554550
Conc: 53.30 ug/ml

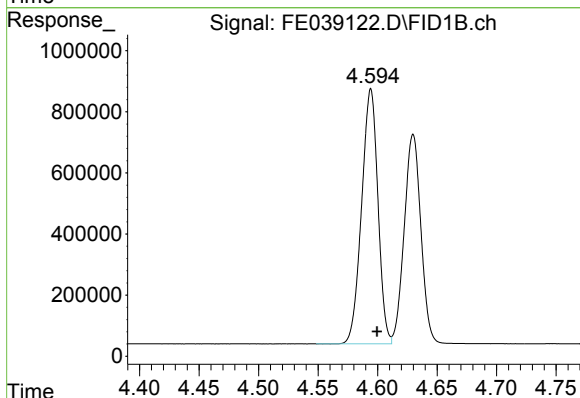
Instrument :

FID_E

ClientSampleId :
PB149414BS

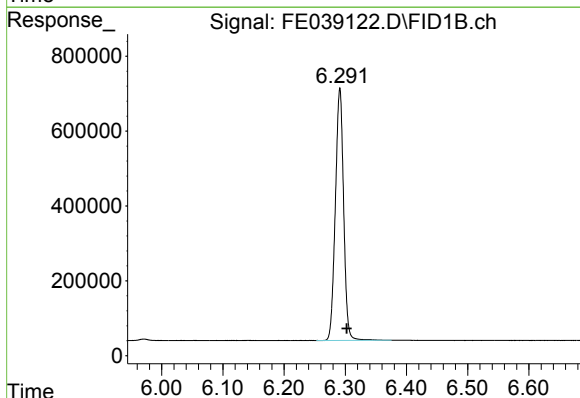
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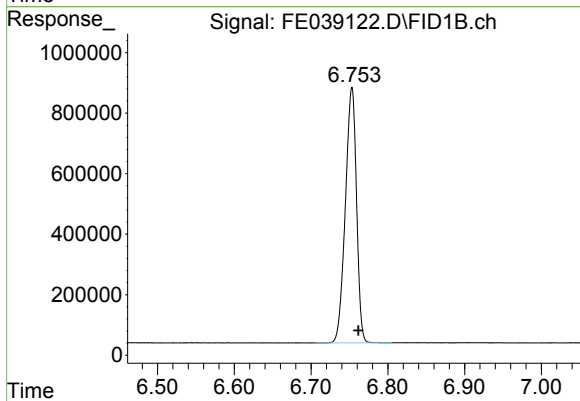
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 7952888
Conc: 57.06 ug/ml



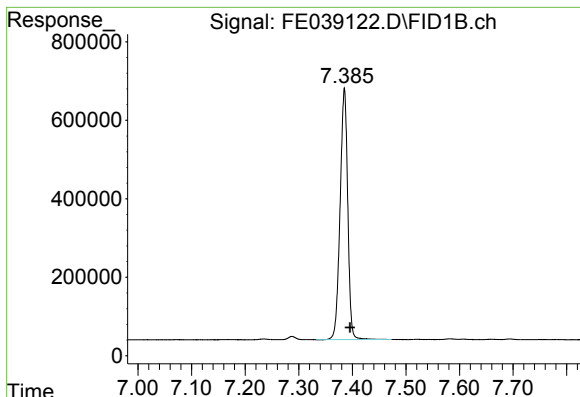
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.011 min
Response: 6325177
Conc: 39.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.008 min
Response: 8510078
Conc: 60.37 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 6334110
Conc: 42.32 ug/ml

Instrument :

FID_E

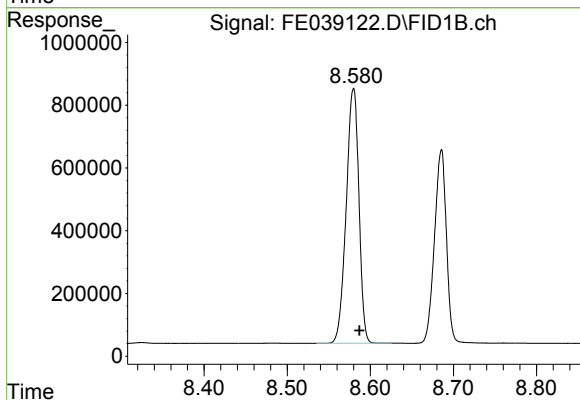
ClientSampleId :

PB149414BS

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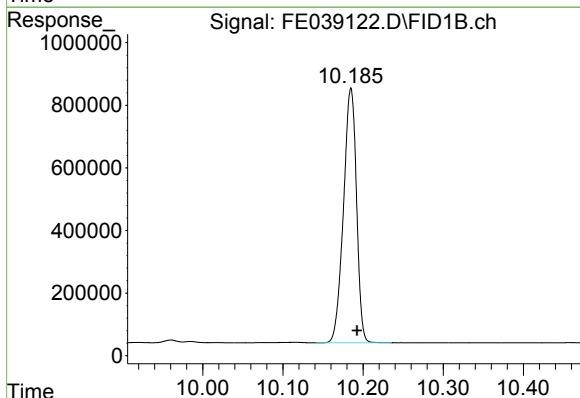
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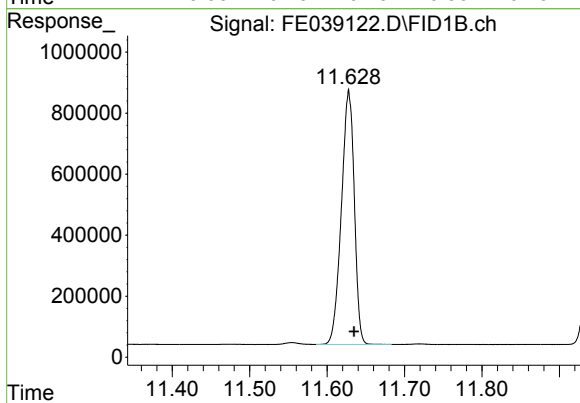
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.007 min
Response: 8615129
Conc: 60.32 ug/ml



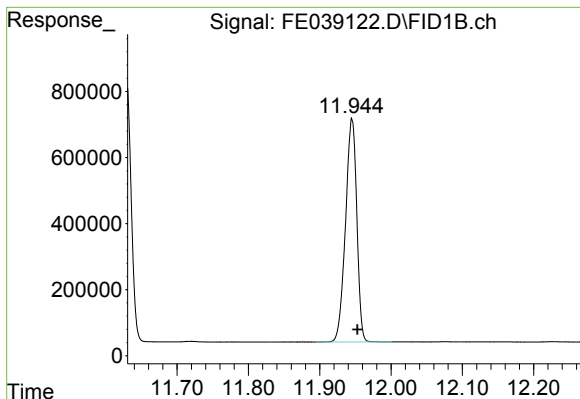
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.008 min
Response: 9164374
Conc: 62.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.007 min
Response: 9639578
Conc: 65.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.008 min
Response: 7418022
Conc: 47.42 ug/ml

Instrument :

FID_E

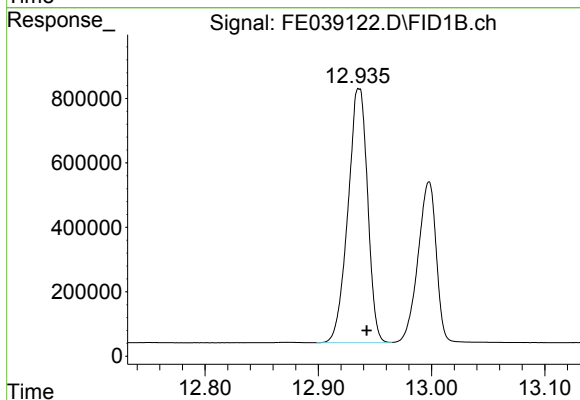
ClientSampleId :

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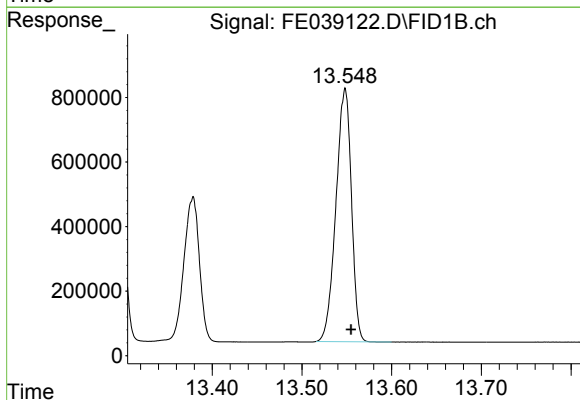
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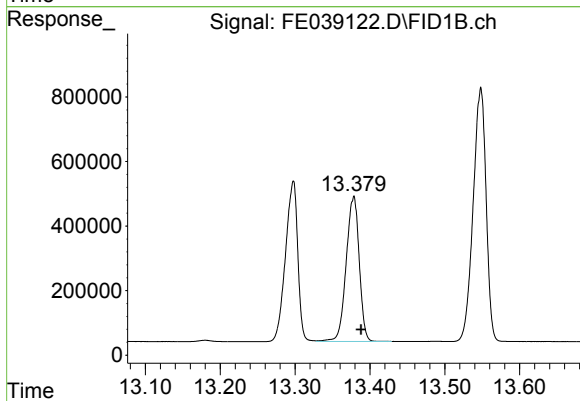
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.007 min
Response: 9491515
Conc: 66.86 ug/ml



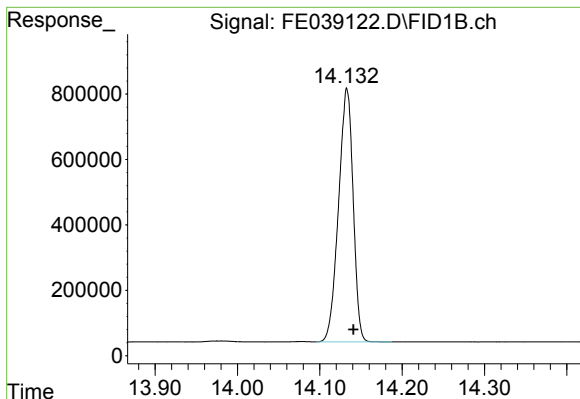
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.007 min
Response: 9416060
Conc: 66.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.010 min
Response: 5462858
Conc: 45.24 ug/ml



#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.008 min
Response: 9535710
Conc: 68.22 ug/ml

Instrument :

FID_E

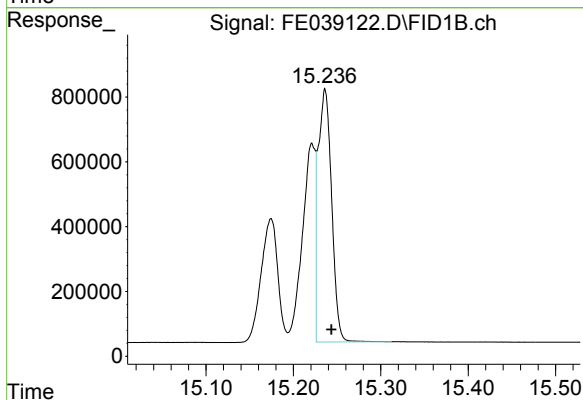
ClientSampleId :

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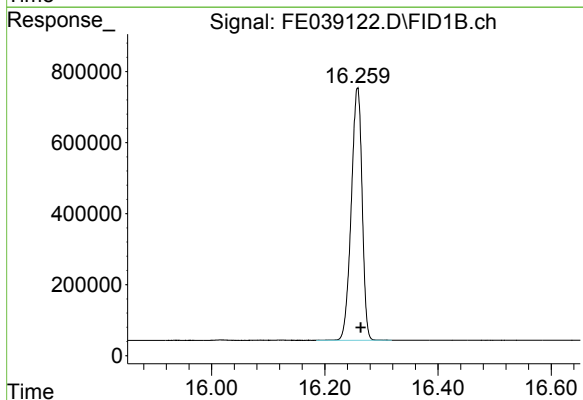
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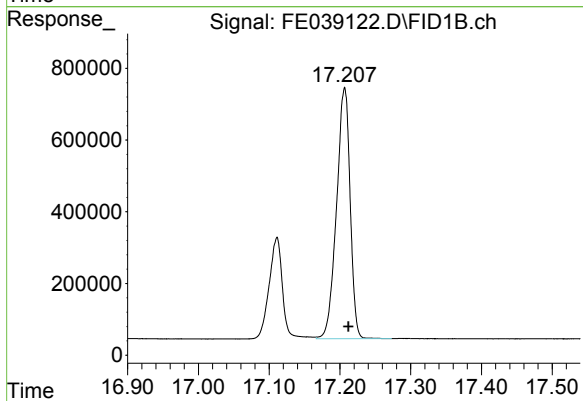
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.007 min
Response: 8431367
Conc: 61.05 ug/ml



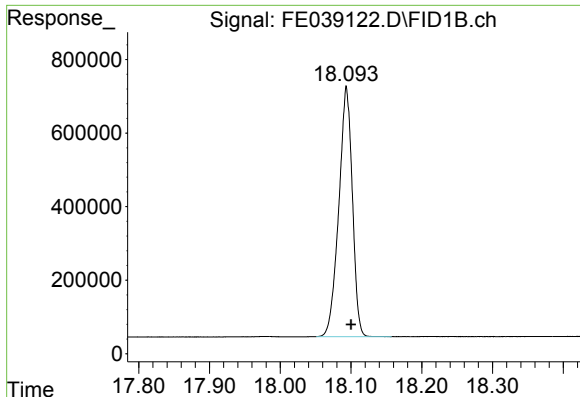
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.005 min
Response: 9456600
Conc: 70.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.005 min
Response: 9357995
Conc: 70.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.007 min
Response: 9029165
Conc: 68.37 ug/ml

Instrument :

FID_E

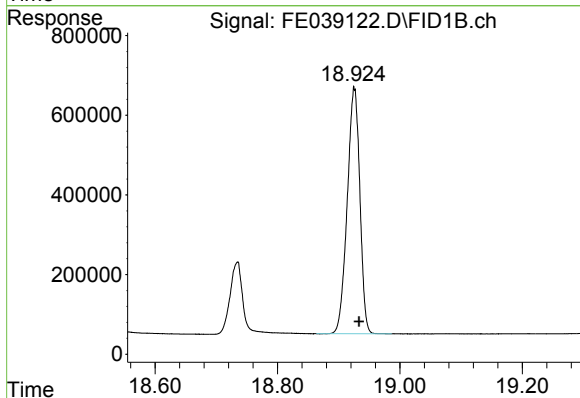
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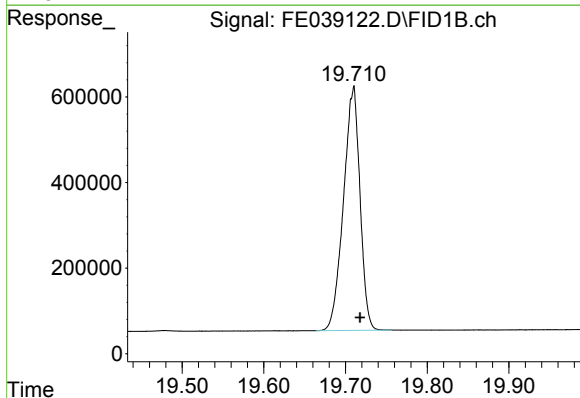
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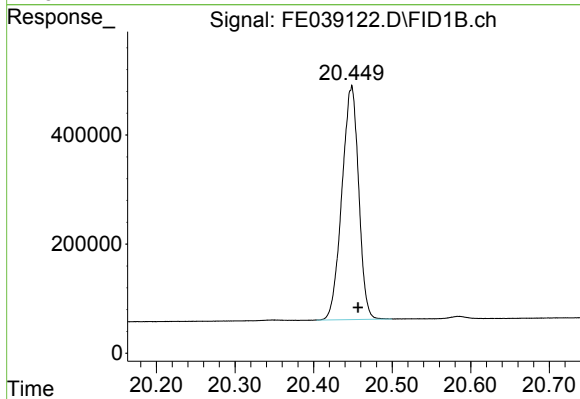
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.008 min
Response: 8846526
Conc: 66.33 ug/ml



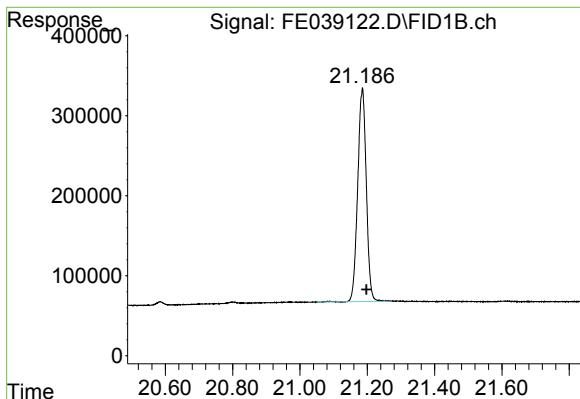
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.008 min
Response: 7996955
Conc: 60.44 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: -0.008 min
Response: 6342327
Conc: 49.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.011 min
Response: 4729481
Conc: 36.09 ug/ml

Instrument :

FID_E

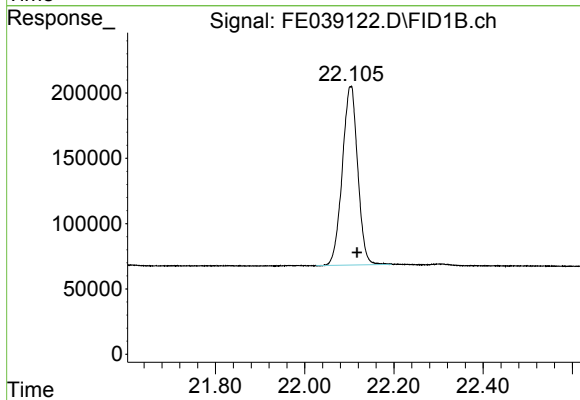
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#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.014 min
Response: 3281779
Conc: 24.10 ug/ml