

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039163.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2022 20:59
 Operator : YP\AJ
 Sample : PB149433BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149433BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 07 04:26:30 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)	11.946	7579667	48.451 ug/ml
Spiked Amount 50.000		Recovery =	96.90%
12) S 1-chlorooctadecane (S...	13.378	5717328	47.352 ug/ml
Spiked Amount 50.000		Recovery =	94.70%
Target Compounds			
1) T n-Nonane (C9)	3.351	7425142	52.383 ug/ml
2) T n-Decane (C10)	4.596	7904821	56.715 ug/ml
3) T A~Naphthalene (C11.7)	6.293	6584132	41.396 ug/ml
4) T n-Dodecane (C12)	6.754	8490856	60.236 ug/ml
5) T A~2-methylnaphthalene...	7.387	6560372	43.833 ug/ml
6) T n-Tetradecane (C14)	8.581	8633161	60.447 ug/ml
7) T n-Hexadecane (C16)	10.186	9204460	62.953 ug/ml
8) T n-Octadecane (C18)	11.629	9680535	65.787 ug/ml
10) T n-Eicosane (C20)	12.936	9533266	67.153 ug/ml
11) T n-Heneicosane (C21)	13.548	9452150	66.518 ug/ml
13) T n-Docosane (C22)	14.134	9556476	68.364 ug/ml
14) T n-Tetracosane (C24)	15.236	8087112	58.558 ug/ml
15) T n-Hexacosane (C26)	16.257	9400383	69.988 ug/ml
16) T n-Octacosane (C28)	17.206	9256656	69.705 ug/ml
17) T n-Tricontane (C30)	18.093	8874990	67.204 ug/ml
18) T n-Dotriacontane (C32)	18.923	8663521	64.960 ug/ml
19) T n-Tetratriacontane (C34)	19.707	7904831	59.739 ug/mlm
20) T n-Hexatriacontane (C36)	20.446	6479064	50.432 ug/mlm
21) T n-Octatriacontane (C38)	21.184	5247351	40.045 ug/ml
22) T n-Tetracontane (C40)	22.099	4202054	30.859 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149433BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

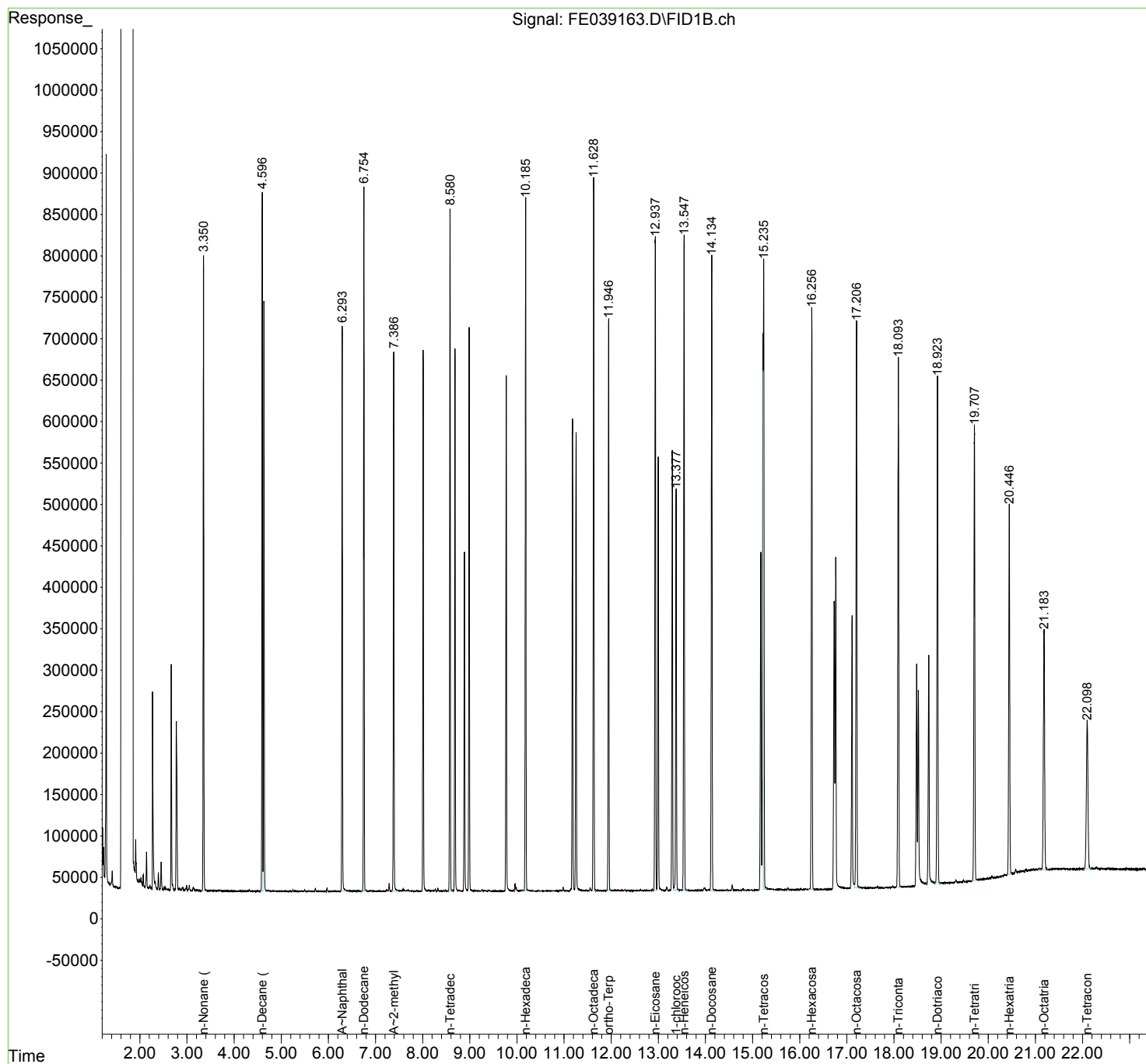
Instrument :
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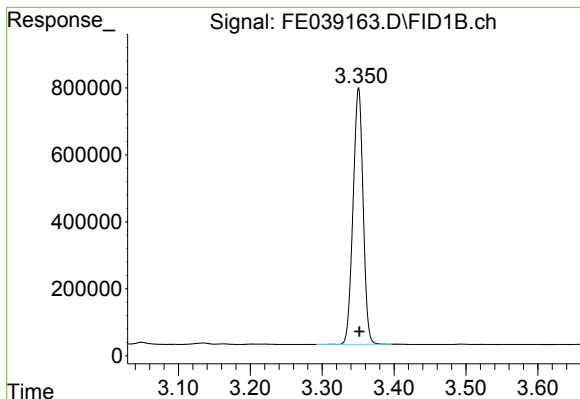
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 7425142
Conc: 52.38 ug/ml

Instrument :

FID_E

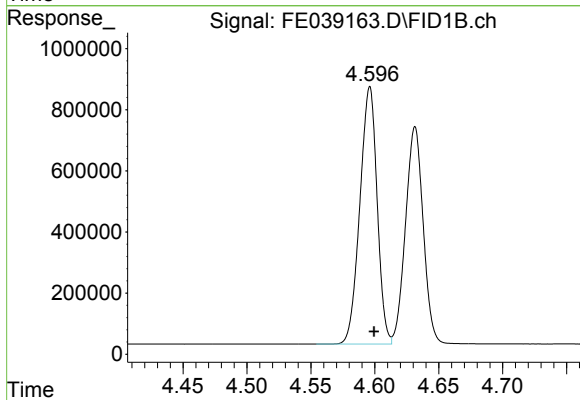
ClientSampleId :

PB149433BS

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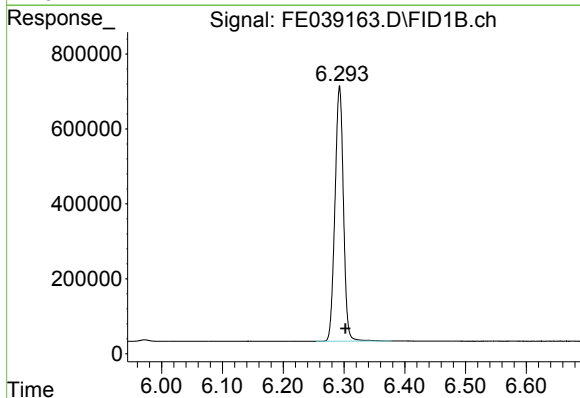
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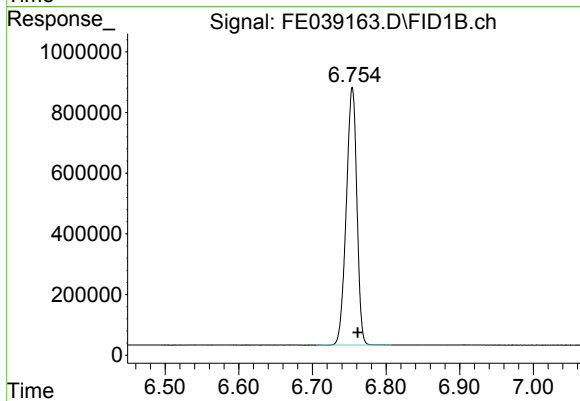
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 7904821
Conc: 56.71 ug/ml



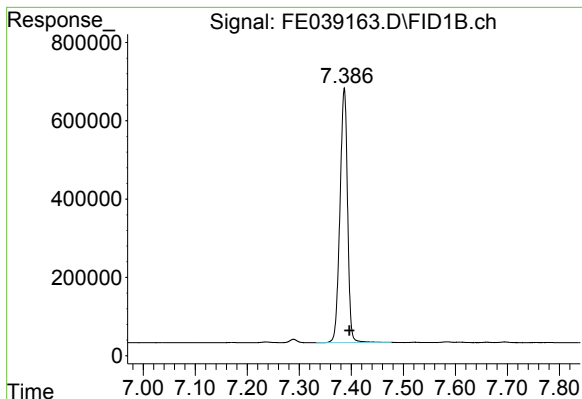
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.010 min
Response: 6584132
Conc: 41.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.754 min
Delta R.T.: -0.007 min
Response: 8490856
Conc: 60.24 ug/ml



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

R.T.: 7.387 min
Delta R.T.: -0.009 min
Response: 6560372
Conc: 43.83 ug/ml

Instrument :

FID_E

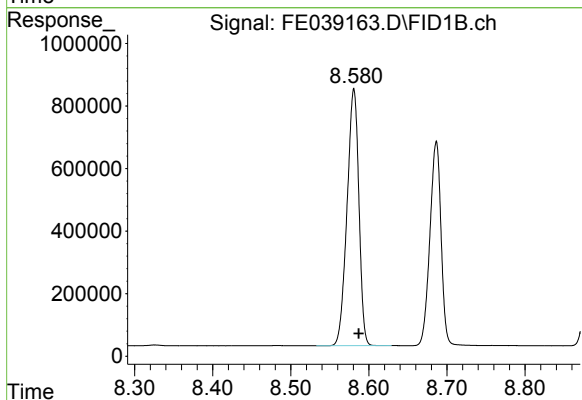
ClientSampleId :

PB149433BS

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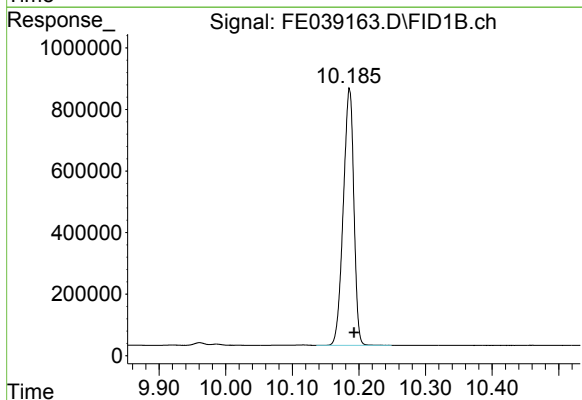
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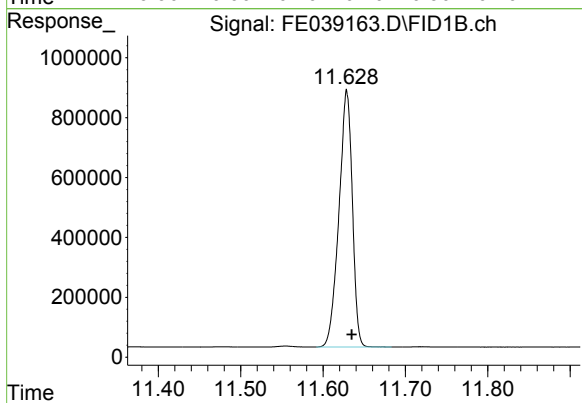
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.006 min
Response: 8633161
Conc: 60.45 ug/ml



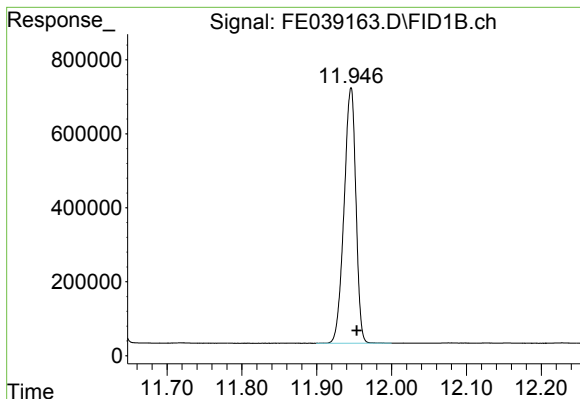
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.007 min
Response: 9204460
Conc: 62.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: -0.006 min
Response: 9680535
Conc: 65.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.007 min
Response: 7579667
Conc: 48.45 ug/ml

Instrument :

FID_E

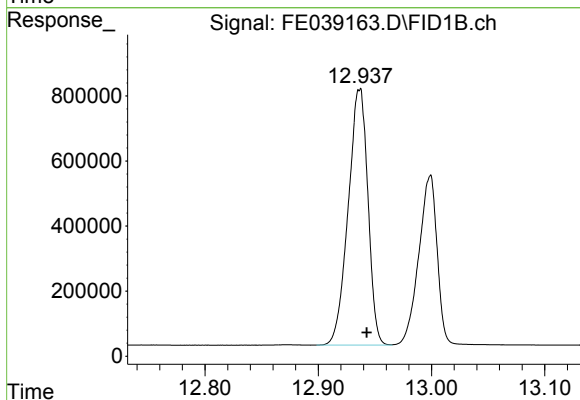
ClientSampleId :

PB149433BS

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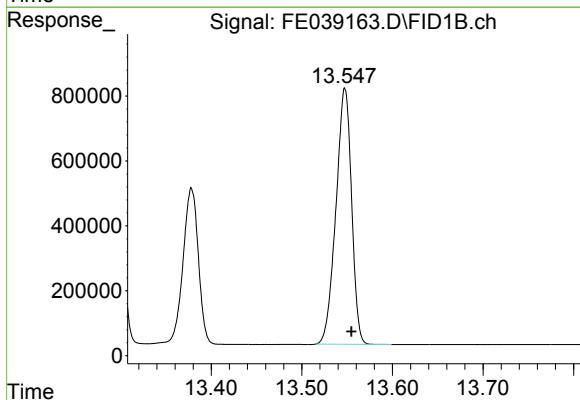
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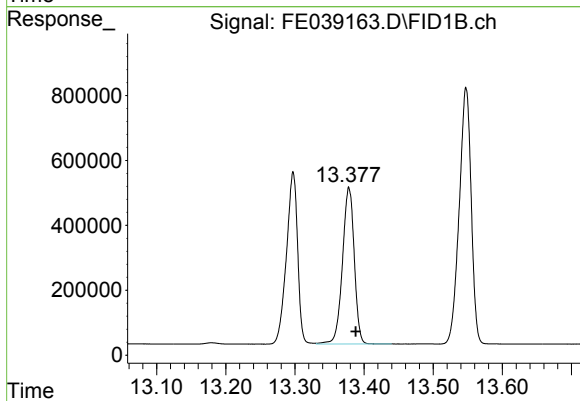
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.006 min
Response: 9533266
Conc: 67.15 ug/ml



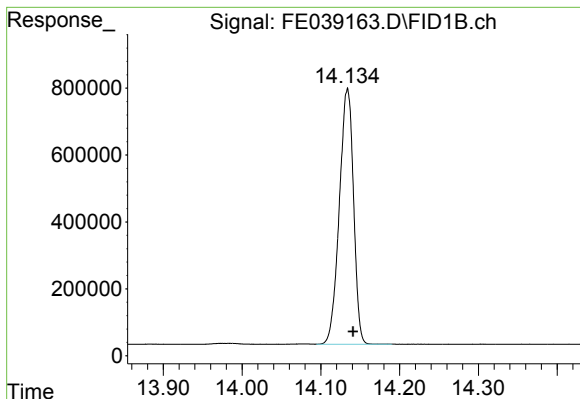
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.007 min
Response: 9452150
Conc: 66.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.010 min
Response: 5717328
Conc: 47.35 ug/ml



#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.007 min
Response: 9556476
Conc: 68.36 ug/ml

Instrument :

FID_E

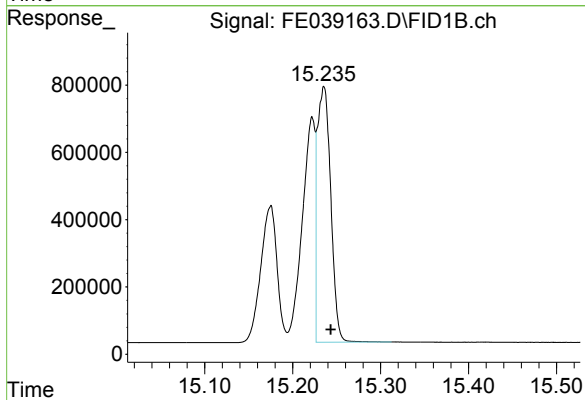
ClientSampleId :

PB149433BS

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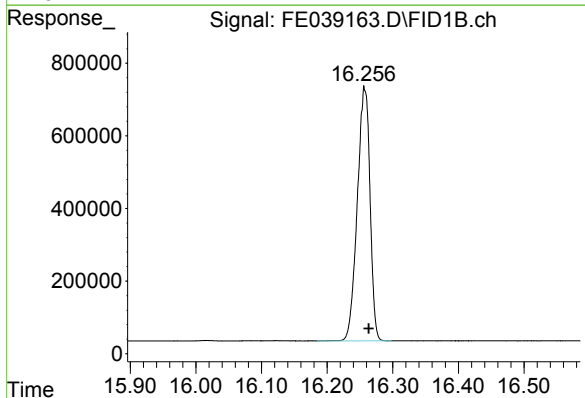
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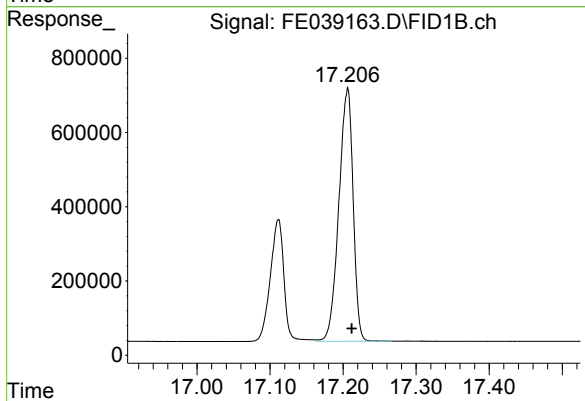
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.008 min
Response: 8087112
Conc: 58.56 ug/ml



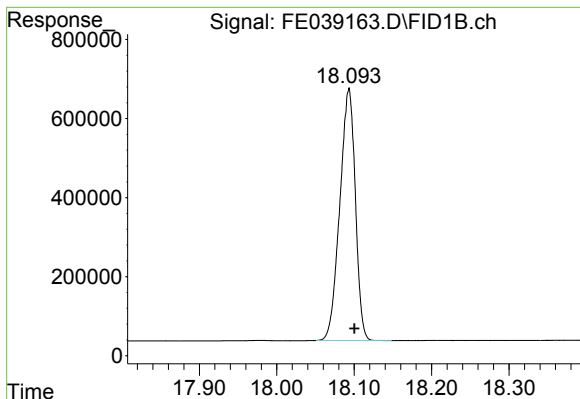
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.006 min
Response: 9400383
Conc: 69.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.006 min
Response: 9256656
Conc: 69.70 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.007 min
Response: 8874990
Conc: 67.20 ug/ml

Instrument :

FID_E

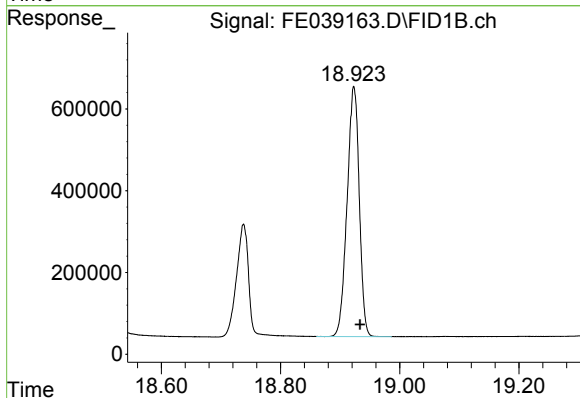
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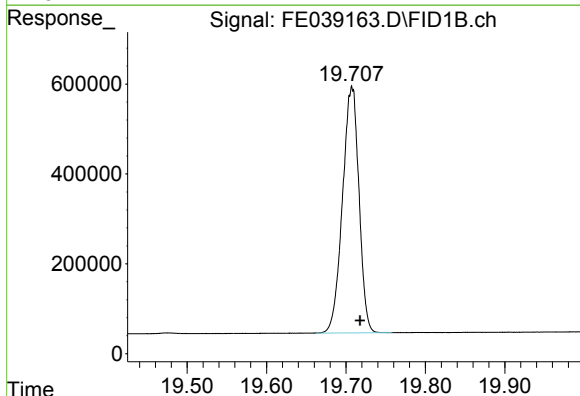
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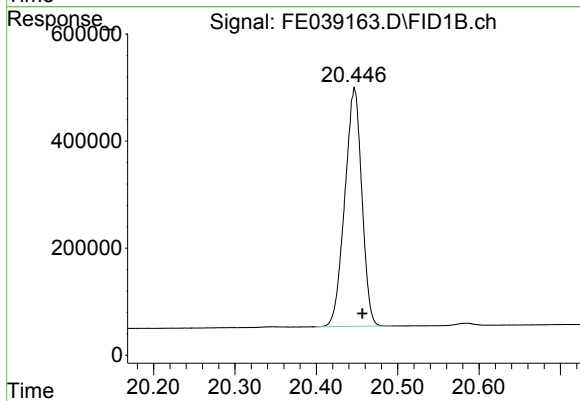
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.010 min
Response: 8663521
Conc: 64.96 ug/ml



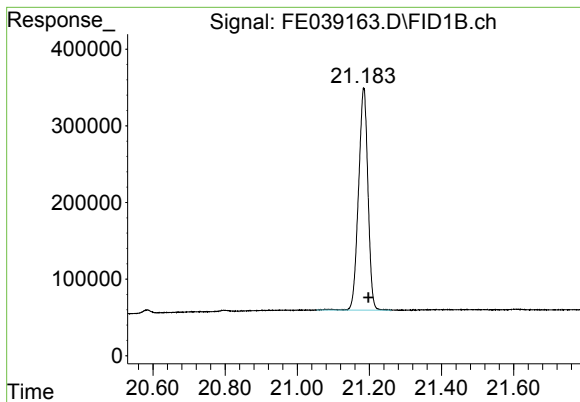
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.011 min
Response: 7904831
Conc: 59.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.010 min
Response: 6479064
Conc: 50.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.013 min
Response: 5247351
Conc: 40.04 ug/ml

Instrument :

FID_E

ClientSampleId :

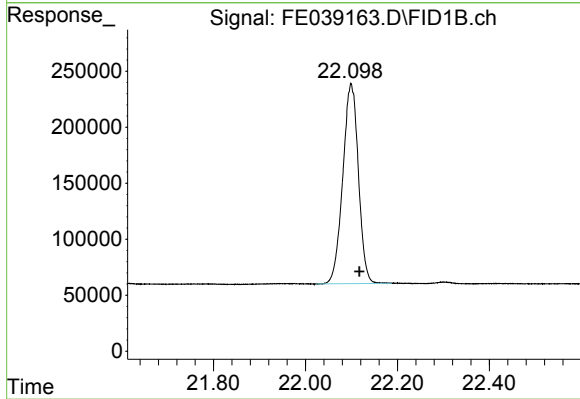
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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.018 min
Response: 4202054
Conc: 30.86 ug/ml