

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039170.D
 Signal(s) : FID1B.ch
 Acq On : 07 Dec 2022 00:36
 Operator : YP\AJ
 Sample : N5884-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-3-120522MS

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 04:57:51 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	6061443	38.746 ug/ml
Spiked Amount 50.000		Recovery =	77.49%
12) S 1-chlorooctadecane (S...	13.377	4314873	35.737 ug/mlm
Spiked Amount 50.000		Recovery =	71.47%
Target Compounds			
1) T n-Nonane (C9)	3.339	3358179	23.691 ug/ml
2) T n-Decane (C10)	4.589	3871423	27.776 ug/ml
3) T A~Naphthalene (C11.7)	6.291	4815019	30.273 ug/ml
4) T n-Dodecane (C12)	6.753	5479542	38.873 ug/ml
5) T A~2-methylnaphthalene...	7.386	5358175	35.801 ug/ml
6) T n-Tetradecane (C14)	8.580	7109123	49.776 ug/ml
7) T n-Hexadecane (C16)	10.186	7869046	53.820 ug/ml
8) T n-Octadecane (C18)	11.628	7521951	51.118 ug/ml
10) T n-Eicosane (C20)	12.936	6660779	46.919 ug/ml
11) T n-Heneicosane (C21)	13.548	6483360	45.626 ug/ml
13) T n-Docosane (C22)	14.134	6202610	44.372 ug/ml
14) T n-Tetracosane (C24)	15.232	3986524	28.866 ug/mlm
15) T n-Hexacosane (C26)	16.257	5676514	42.263 ug/ml
16) T n-Octacosane (C28)	17.205	5611800	42.258 ug/ml
17) T n-Tricontane (C30)	18.094	5250335	39.757 ug/ml
18) T n-Dotriacontane (C32)	18.924	5209230	39.060 ug/ml
19) T n-Tetratriacontane (C34)	19.709	5101309	38.552 ug/mlm
20) T n-Hexatriacontane (C36)	20.447	4649481	36.191 ug/mlm
21) T n-Octatriacontane (C38)	21.188	4772953	36.425 ug/ml
22) T n-Tetracontane (C40)	22.108	4748175	34.870 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N5884-01MS
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ALS Vial : 30 Sample Multiplier: 1

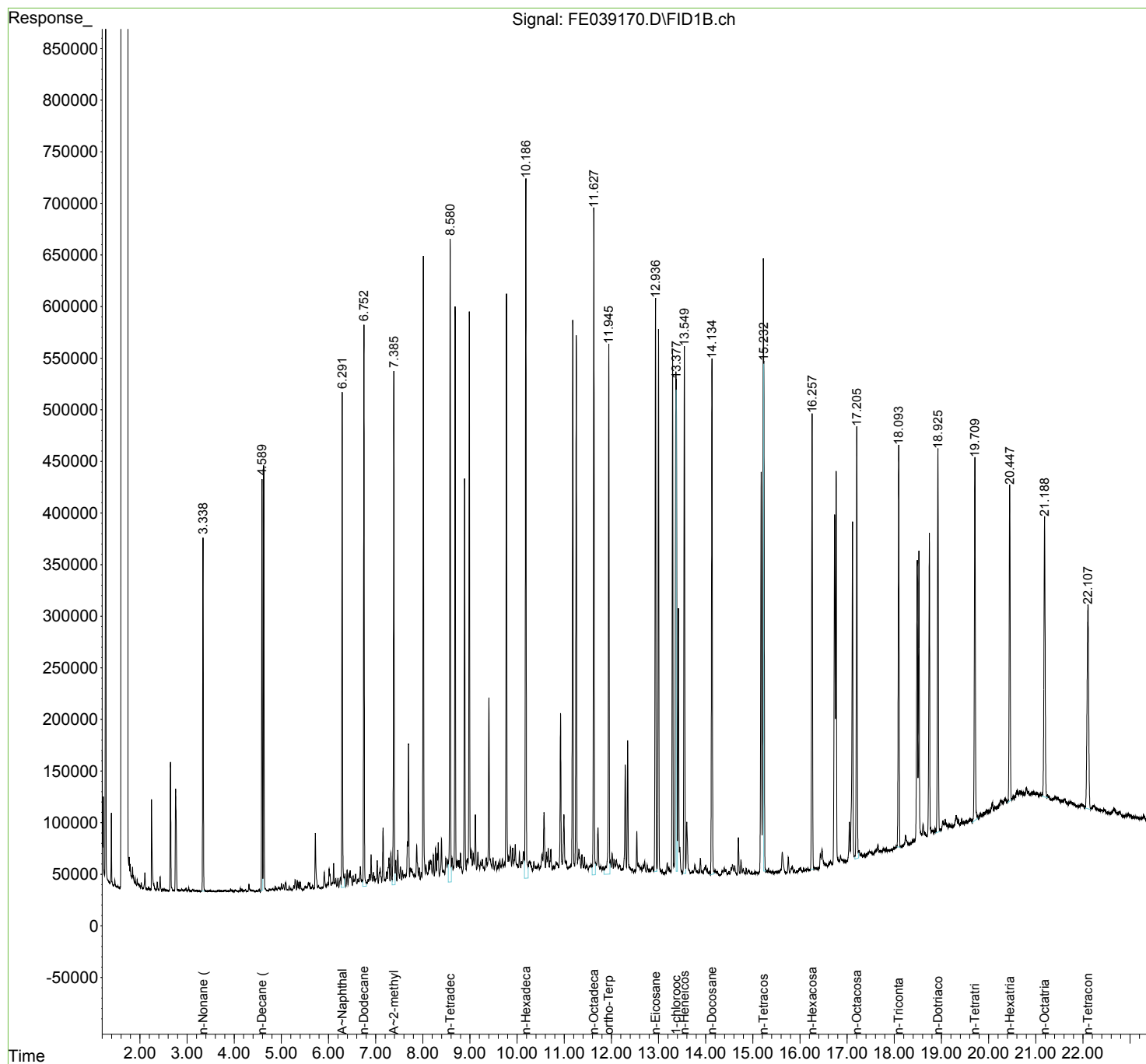
Instrument :
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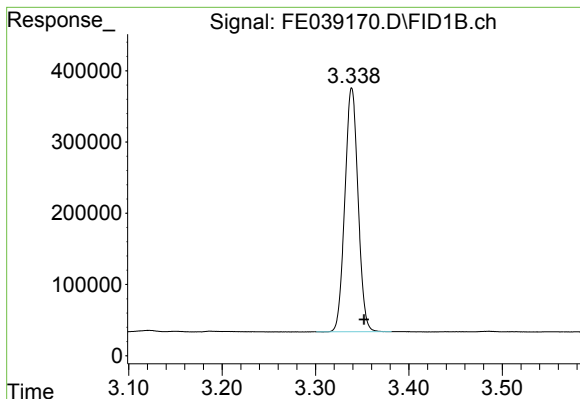
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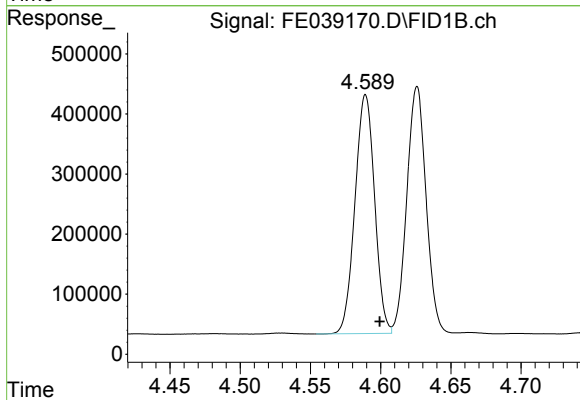
#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: -0.013 min
Response: 3358179
Conc: 23.69 ug/ml

Instrument :
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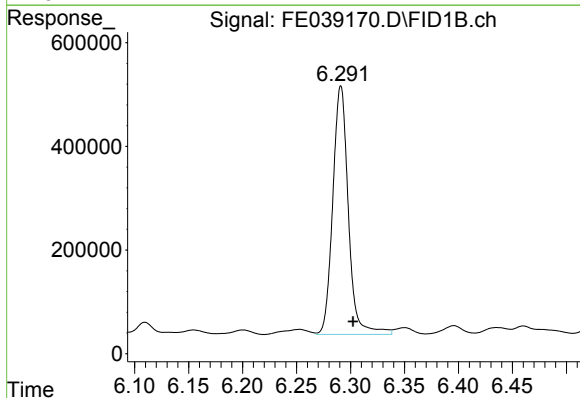
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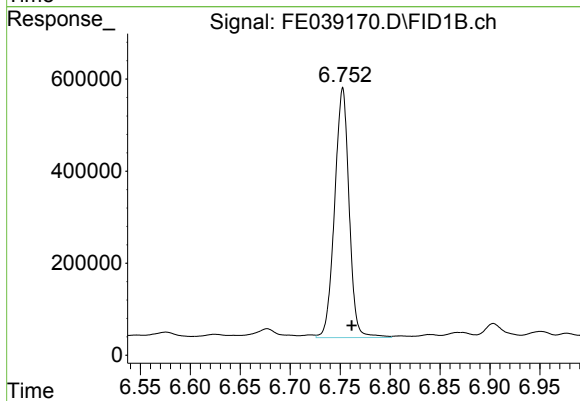
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.010 min
Response: 3871423
Conc: 27.78 ug/ml



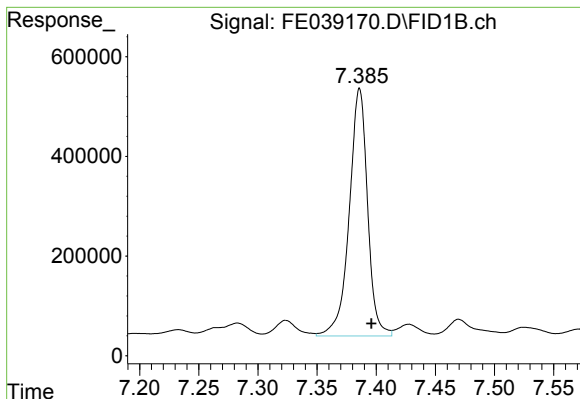
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.011 min
Response: 4815019
Conc: 30.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.009 min
Response: 5479542
Conc: 38.87 ug/ml



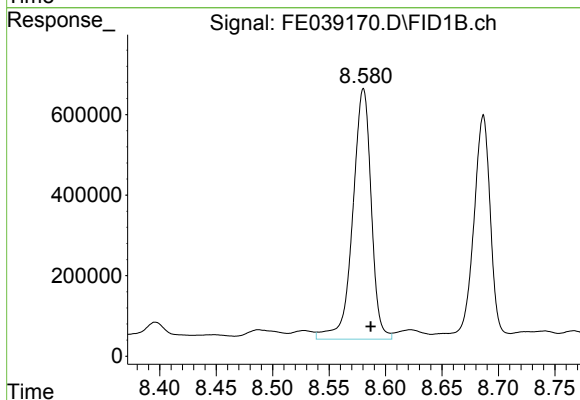
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 5358175
Conc: 35.80 ug/ml

Instrument :
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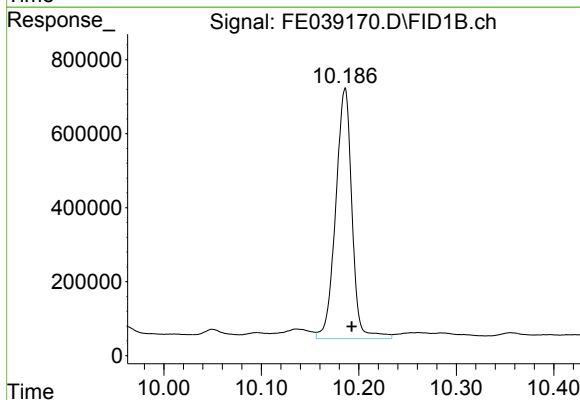
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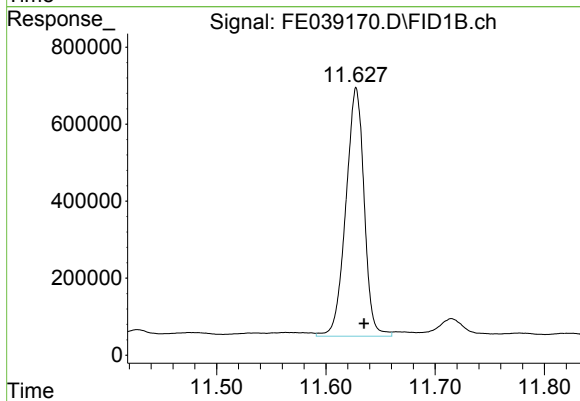
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.007 min
Response: 7109123
Conc: 49.78 ug/ml



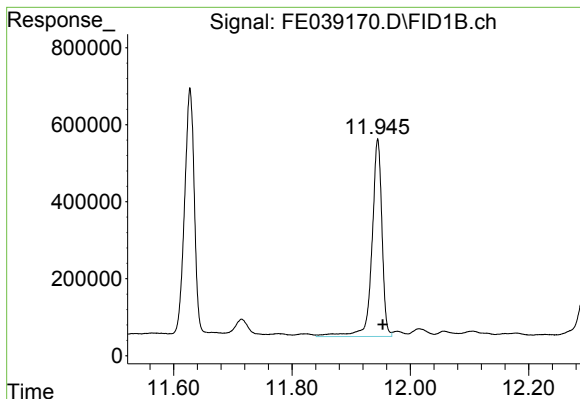
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.007 min
Response: 7869046
Conc: 53.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.007 min
Response: 7521951
Conc: 51.12 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.008 min
Response: 6061443
Conc: 38.75 ug/ml

Instrument :

FID_E

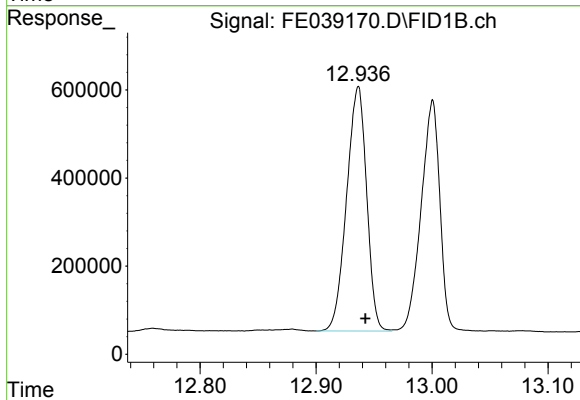
ClientSampleId :

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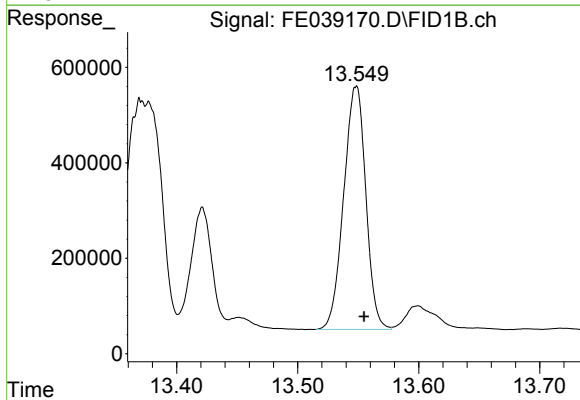
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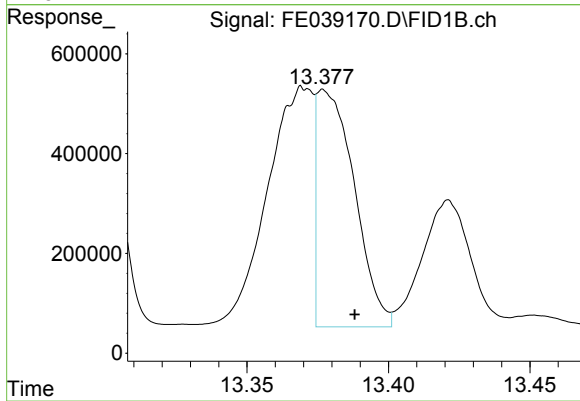
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.006 min
Response: 6660779
Conc: 46.92 ug/ml



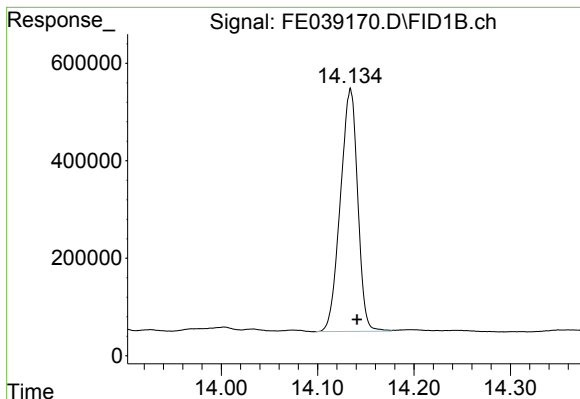
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.007 min
Response: 6483360
Conc: 45.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.012 min
Response: 4314873
Conc: 35.74 ug/ml m



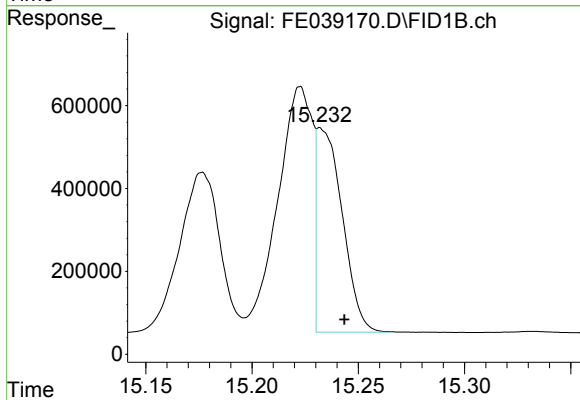
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.007 min
Response: 6202610
Conc: 44.37 ug/ml

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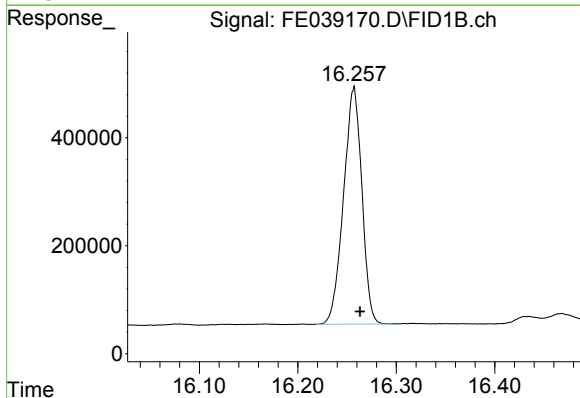
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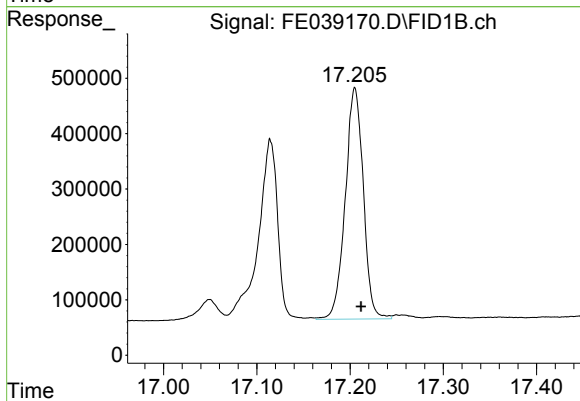
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.012 min
Response: 3986524
Conc: 28.87 ug/ml m



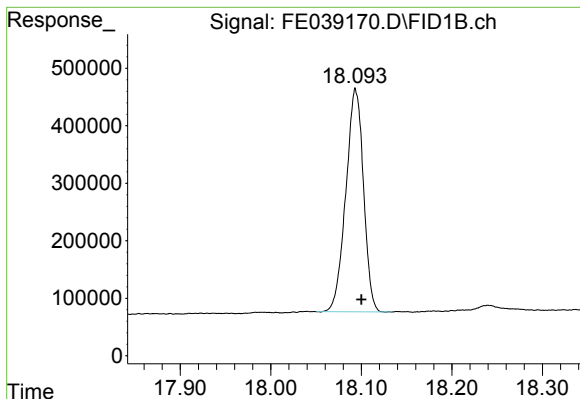
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.007 min
Response: 5676514
Conc: 42.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.007 min
Response: 5611800
Conc: 42.26 ug/ml



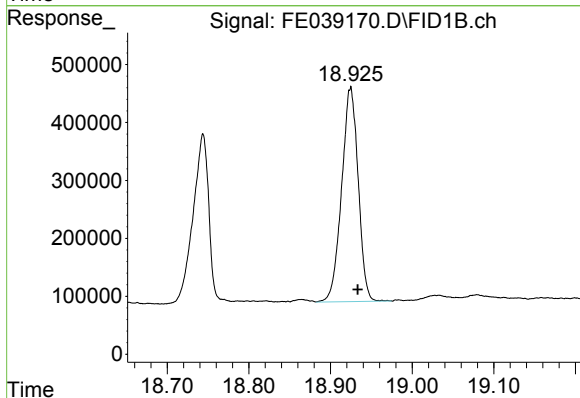
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.007 min
Response: 5250335
Conc: 39.76 ug/ml

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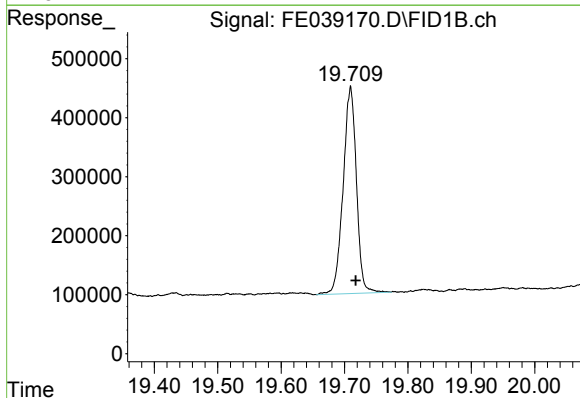
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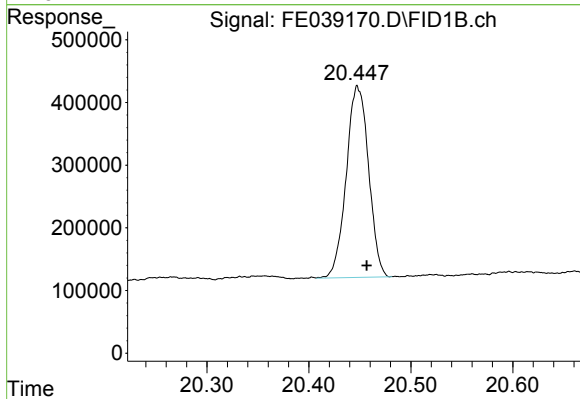
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.009 min
Response: 5209230
Conc: 39.06 ug/ml



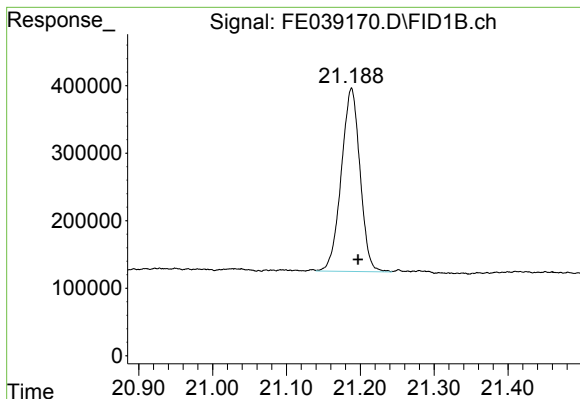
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.008 min
Response: 5101309
Conc: 38.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: -0.010 min
Response: 4649481
Conc: 36.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.009 min
Response: 4772953
Conc: 36.42 ug/ml

Instrument :

FID_E

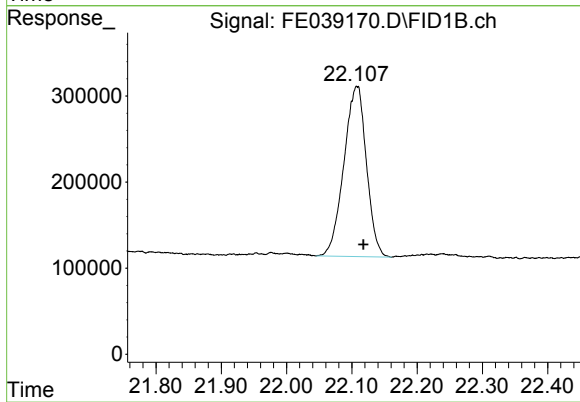
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#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.009 min
Response: 4748175
Conc: 34.87 ug/ml