

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE02222AL\
 Data File : FE035120.D
 Signal(s) : FID1B.CH
 Acq On : 21 Feb 2022 23:38
 Operator : YP\AJ
 Sample : PB142760BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB142760BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: sample.E
 Quant Time: Feb 22 03:24:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 01:24:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.754	47802665	47.907 ug/ml
Spiked Amount 50.000		Recovery =	95.81%
12) S 1-chlorooctadecane (S...	13.167	36476125	46.967 ug/ml
Spiked Amount 50.000		Recovery =	93.93%
Target Compounds			
1) T n-Nonane (C9)	3.714f	38061885	46.377 ug/mlm
2) T n-Decane (C10)	4.665	40599513	47.941 ug/ml
3) T A~Naphthalene (C11.7)	6.191	48583490	51.487 ug/ml
4) T n-Dodecane (C12)	6.601	44958299	51.193 ug/ml
5) T A~2-methylnaphthalene...	7.235	48368048	50.786 ug/ml
6) T n-Tetradecane (C14)	8.395	47987381	54.586 ug/ml
7) T n-Hexadecane (C16)	9.982	52922078	59.383 ug/ml
8) T n-Octadecane (C18)	11.425	56563460	62.703 ug/ml
10) T n-Eicosane (C20)	12.740	56691494	63.184 ug/ml
11) T n-Heneicosane (C21)	13.340	56319326	62.612 ug/ml
13) T n-Docosane (C22)	13.923	56062594	62.602 ug/ml
14) T n-Tetracosane (C24)	15.024	44142195	50.127 ug/ml
15) T n-Hexacosane (C26)	16.043	53782146	63.733 ug/ml
16) T n-Octacosane (C28)	16.982	45642998	58.134 ug/ml
17) T n-Tricontane (C30)	17.872	44879903	64.427 ug/ml
18) T n-Dotriacontane (C32)	18.688	36728447	65.070 ug/ml
19) T n-Tetratriacontane (C34)	19.462	29363105	70.471 ug/ml
20) T n-Hexatriacontane (C36)	20.192	21736467	77.528 ug/ml
21) T n-Octatriacontane (C38)	20.938	15545963	84.907 ug/ml
22) T n-Tetracontane (C40)	21.865	11426968	91.717 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
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Sample : PB142760BS
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ALS Vial : 13 Sample Multiplier: 1

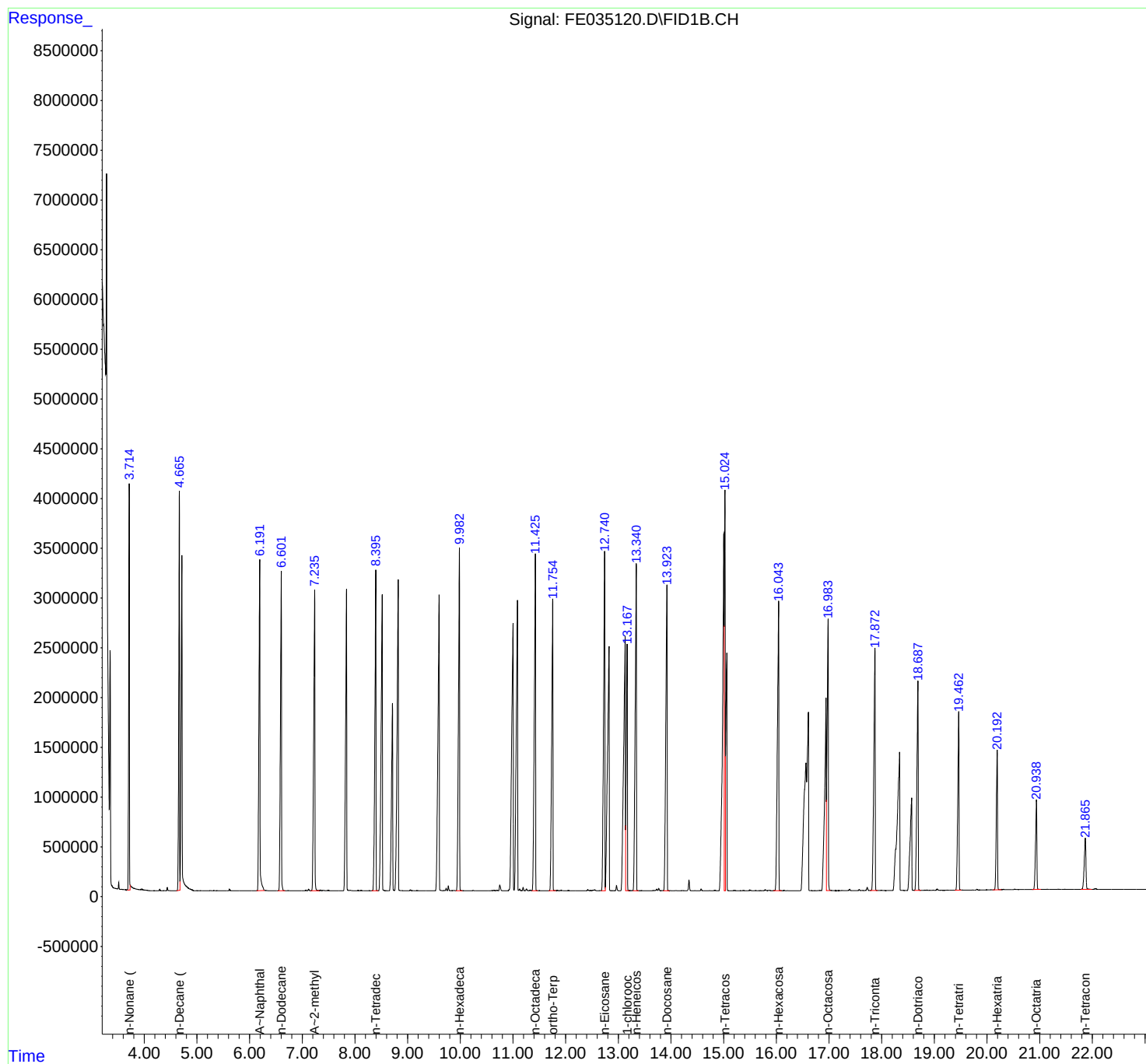
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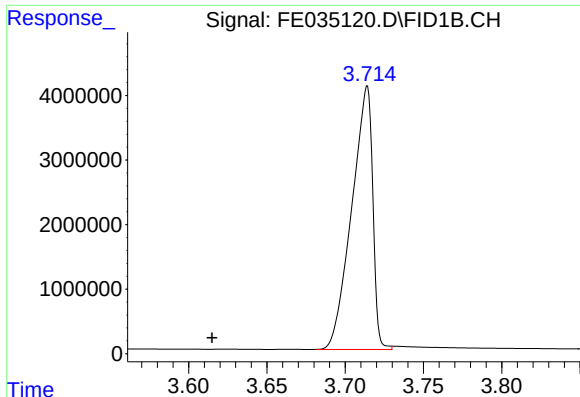
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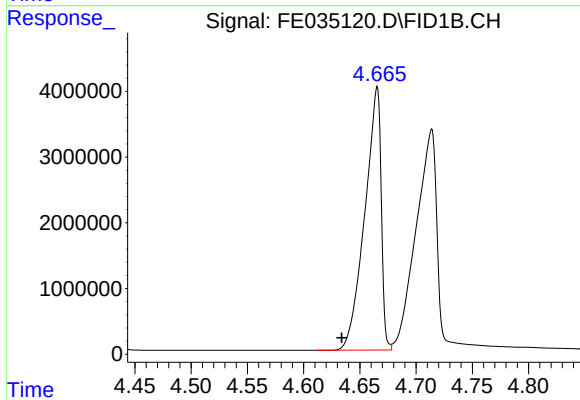
#1 n-Nonane (C9)

R.T.: 3.714 min
Delta R.T.: 0.099 min
Response: 38061885
Conc: 46.38 ug/ml

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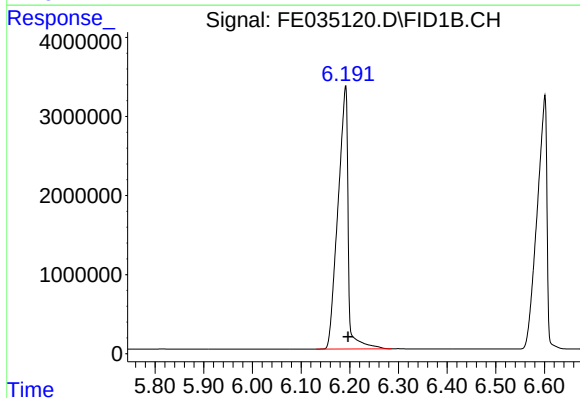
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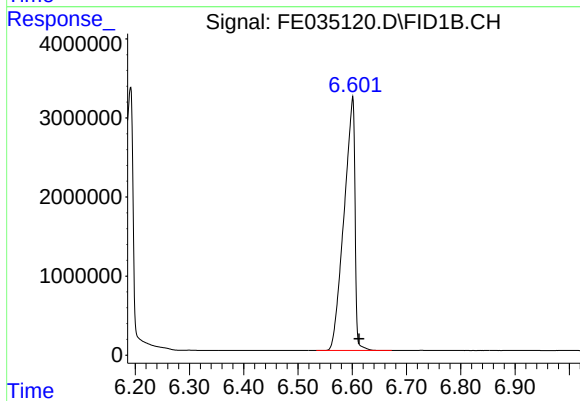
#2 n-Decane (C10)

R.T.: 4.665 min
Delta R.T.: 0.031 min
Response: 40599513
Conc: 47.94 ug/ml



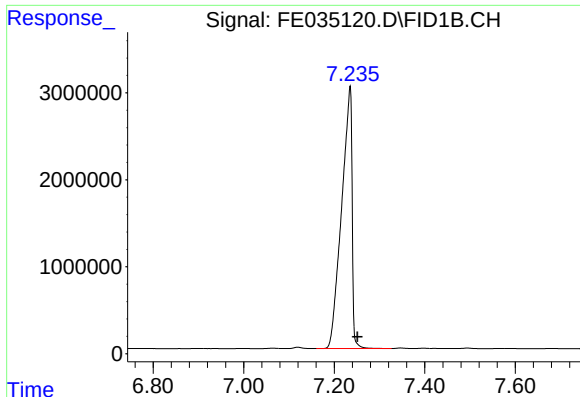
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.005 min
Response: 48583490
Conc: 51.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.601 min
Delta R.T.: -0.012 min
Response: 44958299
Conc: 51.19 ug/ml



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

R.T.: 7.235 min
Delta R.T.: -0.017 min
Response: 48368048
Conc: 50.79 ug/ml

Instrument :

FID_E

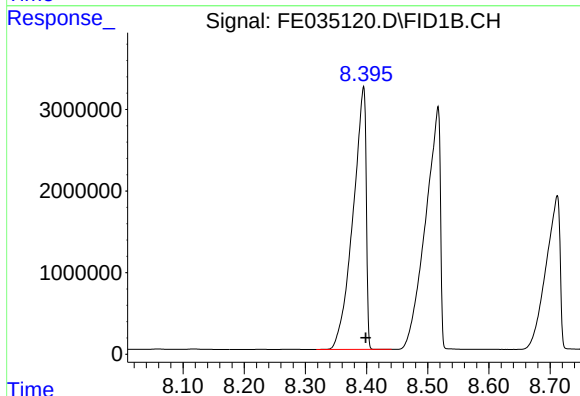
ClientSampleId :

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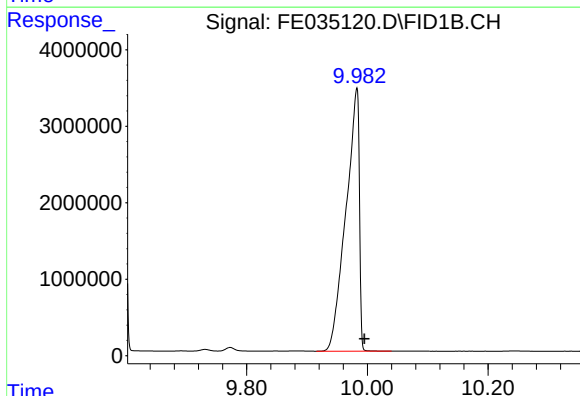
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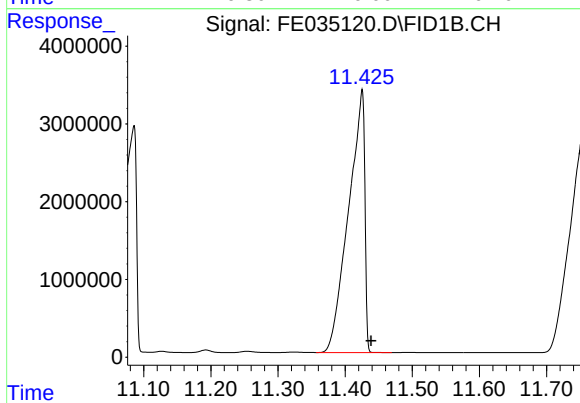
#6 n-Tetradecane (C14)

R.T.: 8.395 min
Delta R.T.: -0.004 min
Response: 47987381
Conc: 54.59 ug/ml



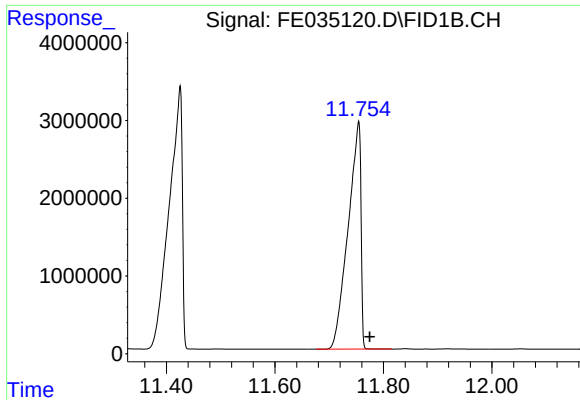
#7 n-Hexadecane (C16)

R.T.: 9.982 min
Delta R.T.: -0.013 min
Response: 52922078
Conc: 59.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.425 min
Delta R.T.: -0.014 min
Response: 56563460
Conc: 62.70 ug/ml



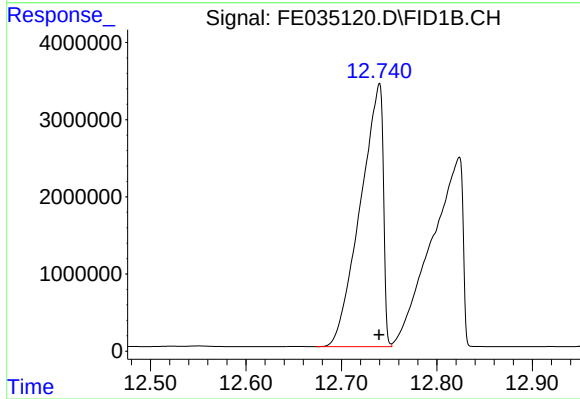
#9 ortho-Terphenyl (SURR)

R.T.: 11.754 min
Delta R.T.: -0.021 min
Response: 47802665
Conc: 47.91 ug/ml

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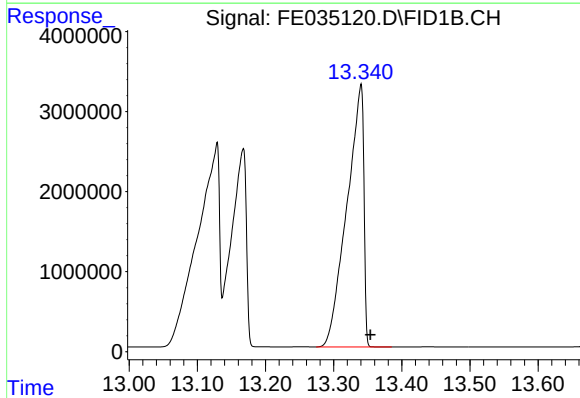
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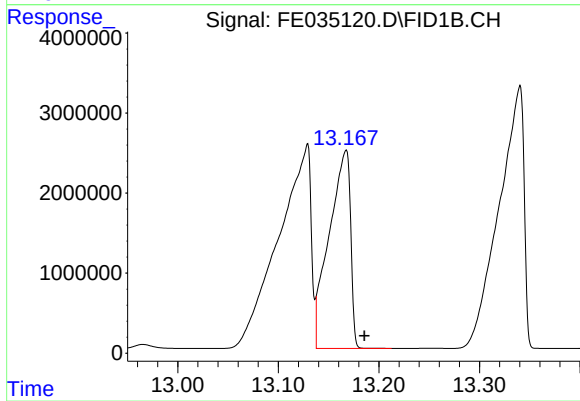
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: 0.000 min
Response: 56691494
Conc: 63.18 ug/ml



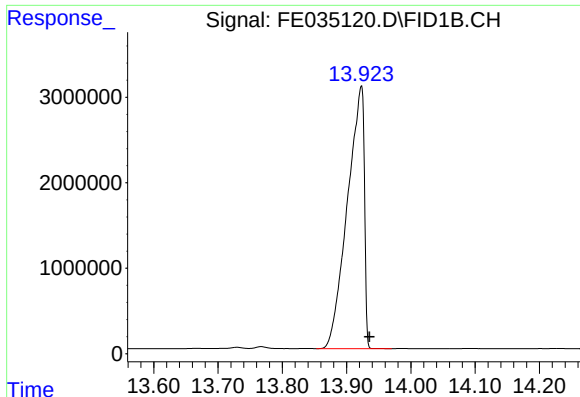
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: -0.014 min
Response: 56319326
Conc: 62.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.167 min
Delta R.T.: -0.018 min
Response: 36476125
Conc: 46.97 ug/ml



#13 n-Docosane (C22)

R.T.: 13.923 min
Delta R.T.: -0.013 min
Response: 56062594
Conc: 62.60 ug/ml

Instrument :

FID_E

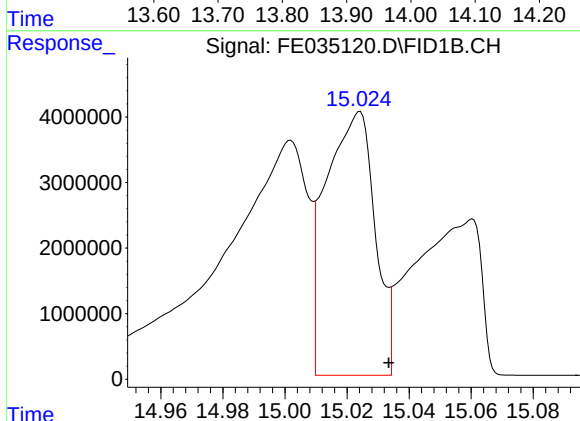
ClientSampleId :

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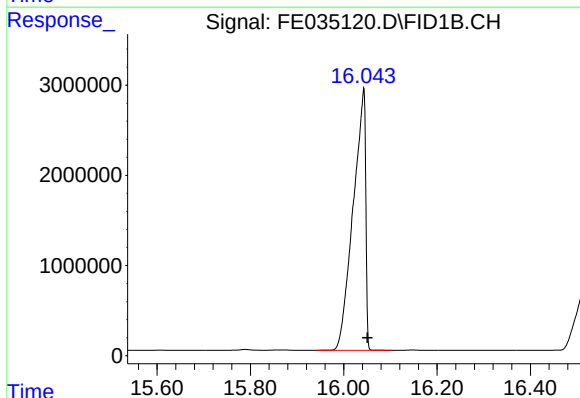
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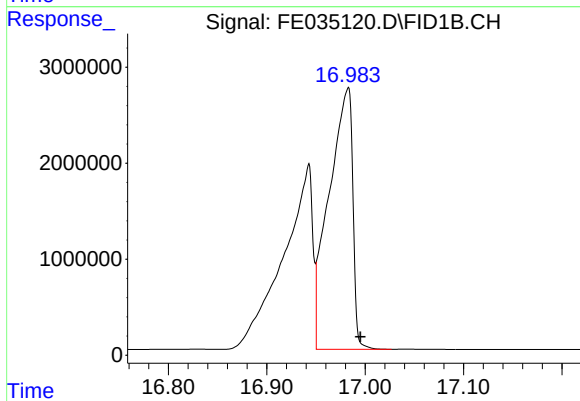
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.010 min
Response: 44142195
Conc: 50.13 ug/ml



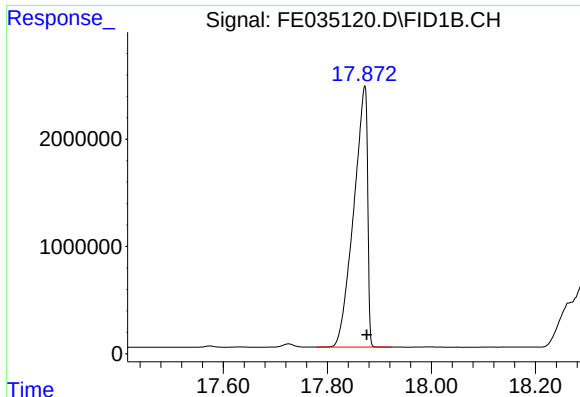
#15 n-Hexacosane (C26)

R.T.: 16.043 min
Delta R.T.: -0.008 min
Response: 53782146
Conc: 63.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.982 min
Delta R.T.: -0.013 min
Response: 45642998
Conc: 58.13 ug/ml



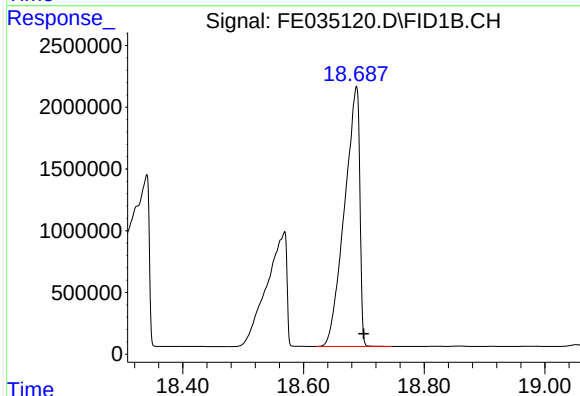
#17 n-Tricontane (C30)

R.T.: 17.872 min
Delta R.T.: -0.004 min
Response: 44879903
Conc: 64.43 ug/ml

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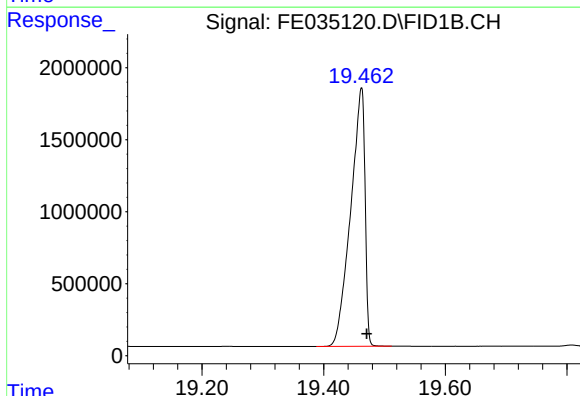
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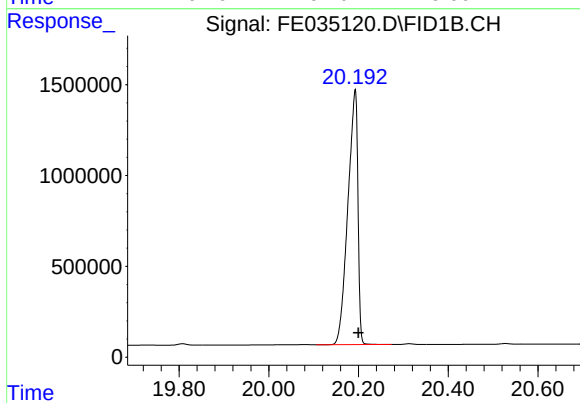
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: -0.012 min
Response: 36728447
Conc: 65.07 ug/ml



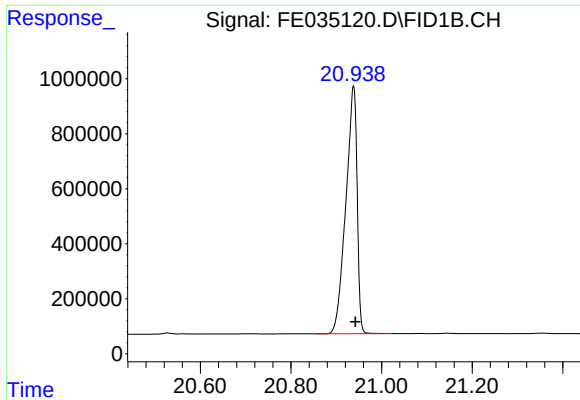
#19 n-Tetratriacontane (C34)

R.T.: 19.462 min
Delta R.T.: -0.009 min
Response: 29363105
Conc: 70.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.192 min
Delta R.T.: -0.008 min
Response: 21736467
Conc: 77.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.938 min
Delta R.T.: -0.005 min
Response: 15545963
Conc: 84.91 ug/ml

Instrument :

FID_E

ClientSampleId :

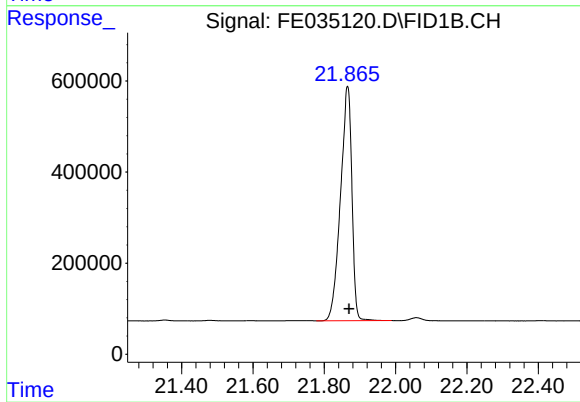
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#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: -0.004 min
Response: 11426968
Conc: 91.72 ug/ml