

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035125.D
 Signal(s) : FID1B.CH
 Acq On : 22 Feb 2022 2:17
 Operator : YP\AJ
 Sample : N1571-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-3MSD

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 06:07:57 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)	11.755	45043696	45.142 ug/ml
Spiked Amount 50.000		Recovery =	90.28%
12) S 1-chlorooctadecane (S...	13.165	31268681	40.262 ug/ml
Spiked Amount 50.000		Recovery =	80.52%
Target Compounds			
1) T n-Nonane (C9)	3.639	20047372	24.427 ug/ml
2) T n-Decane (C10)	4.626	20933684	24.719 ug/ml
3) T A~Naphthalene (C11.7)	6.176	29719053	31.495 ug/ml
4) T n-Dodecane (C12)	6.590	25407109	28.931 ug/ml
5) T A~2-methylnaphthalene...	7.225	32496736	34.121 ug/ml
6) T n-Tetradecane (C14)	8.385	32255529	36.691 ug/ml
7) T n-Hexadecane (C16)	9.977	45652301	51.226 ug/ml
8) T n-Octadecane (C18)	11.420	48716277	54.004 ug/ml
10) T n-Eicosane (C20)	12.738	49884024	55.597 ug/ml
11) T n-Heneicosane (C21)	13.338	50110447	55.710 ug/ml
13) T n-Docosane (C22)	13.920	48388069	54.032 ug/mlm
14) T n-Tetracosane (C24)	15.056	34211477	38.850 ug/ml
15) T n-Hexacosane (C26)	16.037	47062623	55.770 ug/ml
16) T n-Octacosane (C28)	16.978	42932158	54.681 ug/ml
17) T n-Tricontane (C30)	17.867	39113510	56.149 ug/ml
18) T n-Dotriacontane (C32)	18.684	31849586	56.427 ug/ml
19) T n-Tetratriacontane (C34)	19.458	24911632	59.787 ug/ml
20) T n-Hexatriacontane (C36)	20.188	18221995	64.992 ug/ml
21) T n-Octatriacontane (C38)	20.934	12905571	70.486 ug/ml
22) T n-Tetracontane (C40)	21.861	9412697	75.549 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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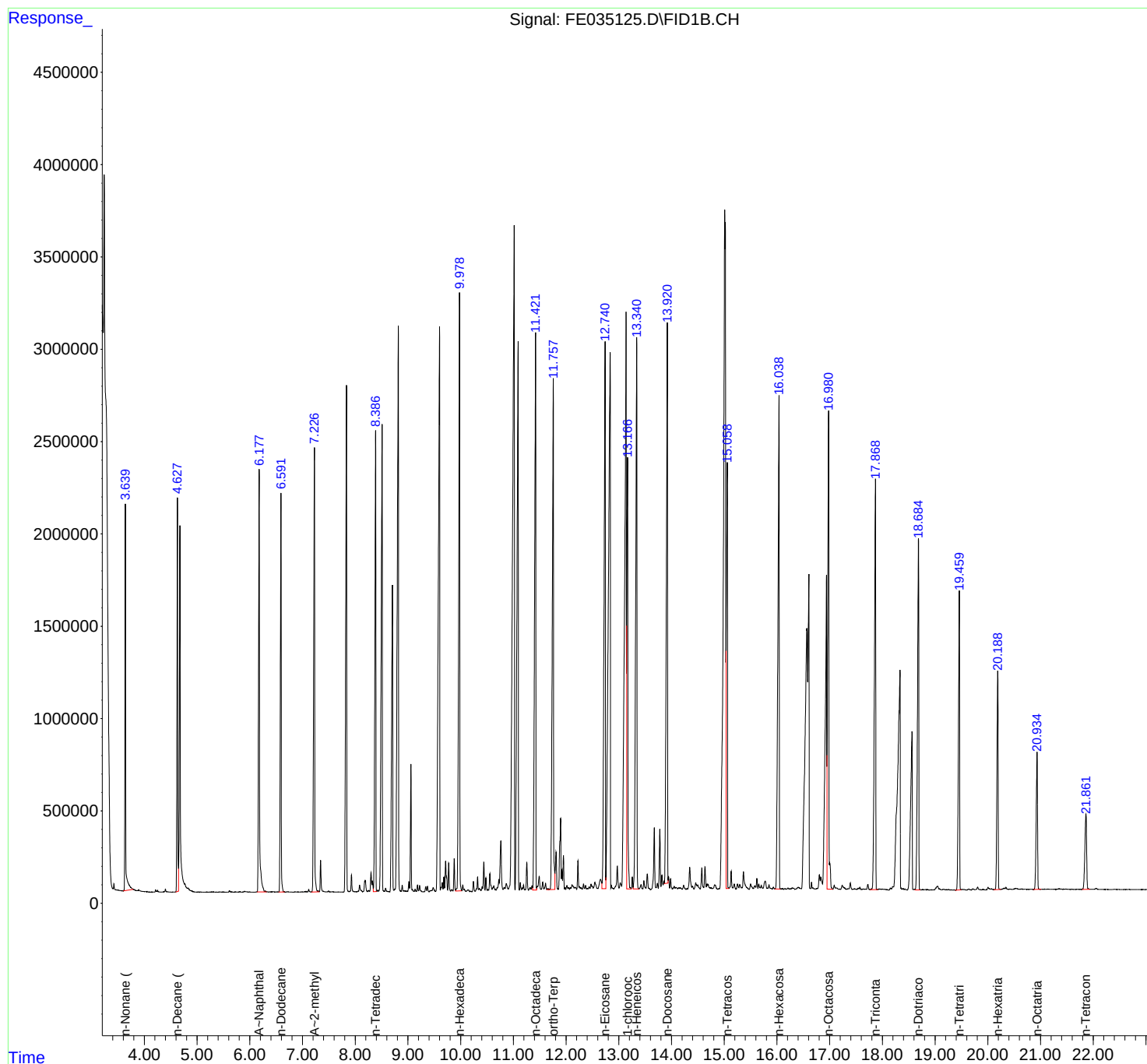
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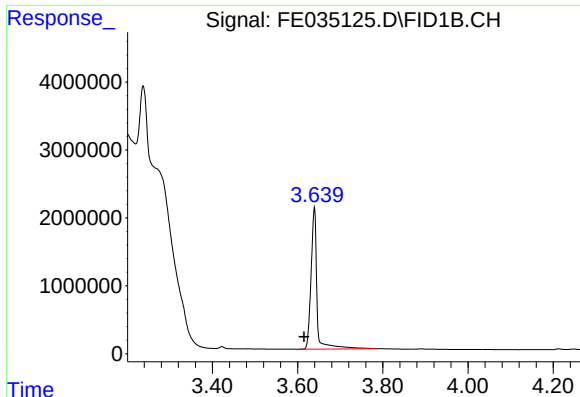
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#1 n-Nonane (C9)

R.T.: 3.639 min
Delta R.T.: 0.024 min
Response: 20047372
Conc: 24.43 ug/ml

Instrument :

FID_E

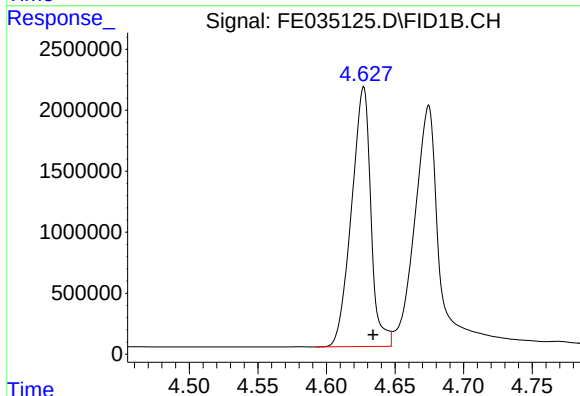
ClientSampleId :

TP-3MSD

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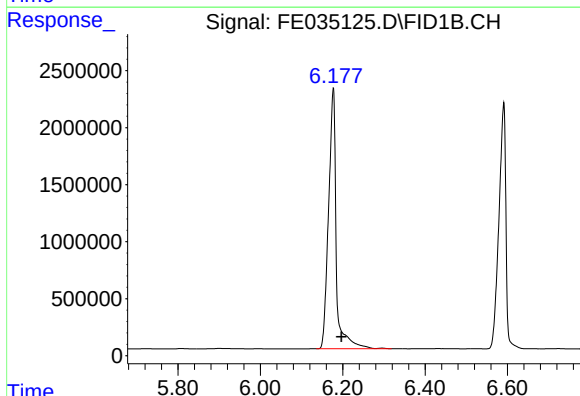
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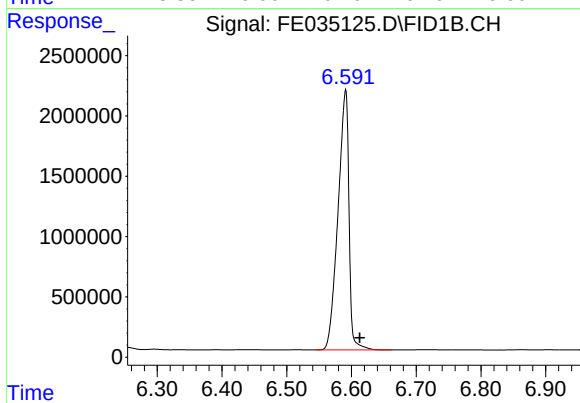
#2 n-Decane (C10)

R.T.: 4.626 min
Delta R.T.: -0.008 min
Response: 20933684
Conc: 24.72 ug/ml



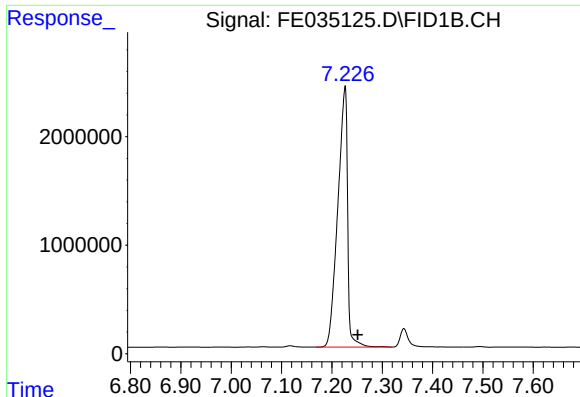
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.021 min
Response: 29719053
Conc: 31.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.590 min
Delta R.T.: -0.023 min
Response: 25407109
Conc: 28.93 ug/ml



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

R.T.: 7.225 min
Delta R.T.: -0.027 min
Response: 32496736
Conc: 34.12 ug/ml

Instrument :

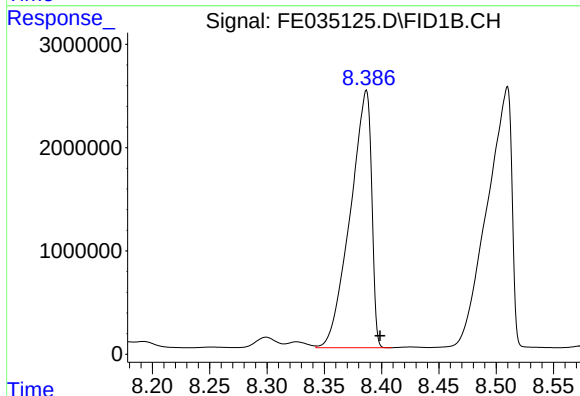
FID_E

ClientSampleId :

TP-3MSD

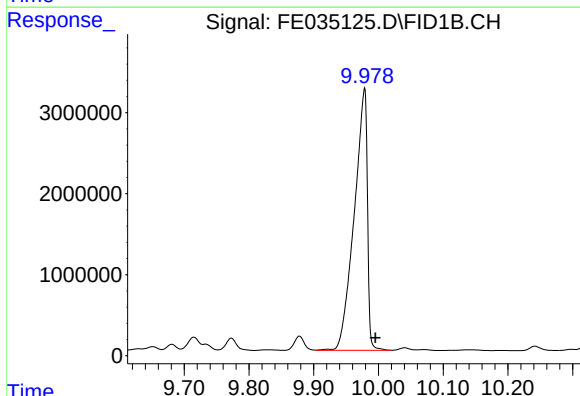
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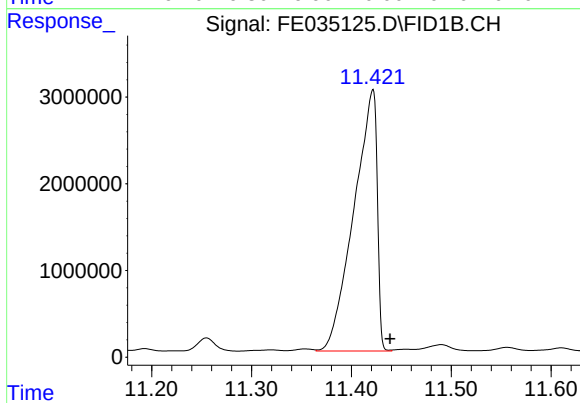
#6 n-Tetradecane (C14)

R.T.: 8.385 min
Delta R.T.: -0.014 min
Response: 32255529
Conc: 36.69 ug/ml



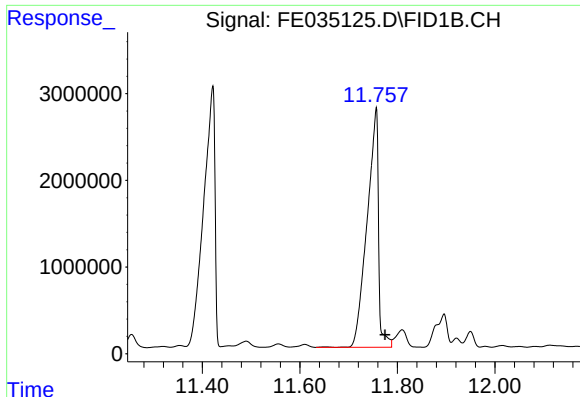
#7 n-Hexadecane (C16)

R.T.: 9.977 min
Delta R.T.: -0.018 min
Response: 45652301
Conc: 51.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.420 min
Delta R.T.: -0.019 min
Response: 48716277
Conc: 54.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.755 min
Delta R.T.: -0.020 min
Response: 45043696
Conc: 45.14 ug/ml

Instrument :

FID_E

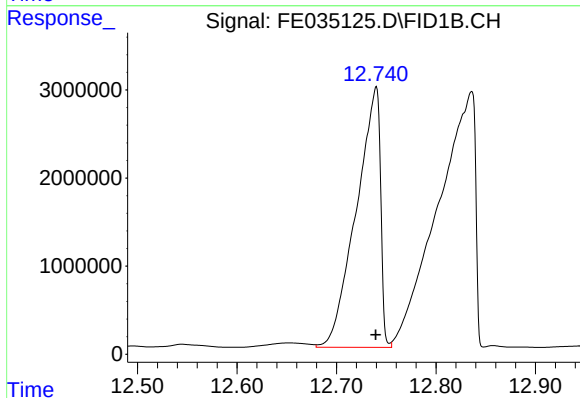
ClientSampleId :

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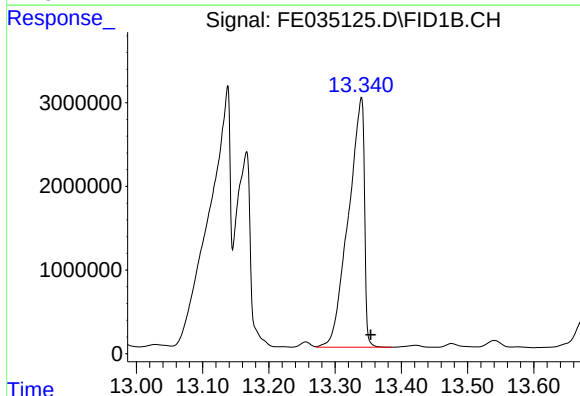
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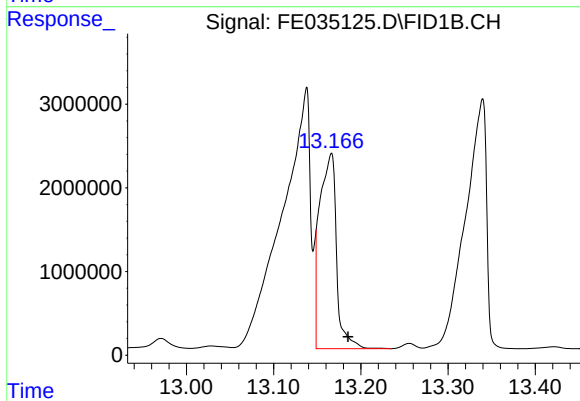
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.002 min
Response: 49884024
Conc: 55.60 ug/ml



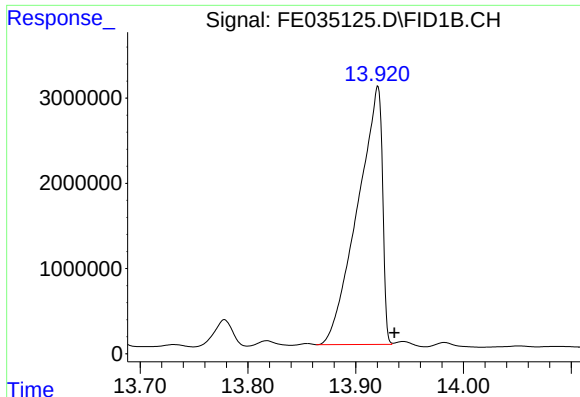
#11 n-Heneicosane (C21)

R.T.: 13.338 min
Delta R.T.: -0.016 min
Response: 50110447
Conc: 55.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.165 min
Delta R.T.: -0.021 min
Response: 31268681
Conc: 40.26 ug/ml



#13 n-Docosane (C22)

R.T.: 13.920 min
Delta R.T.: -0.016 min
Response: 48388069
Conc: 54.03 ug/ml

Instrument :

FID_E

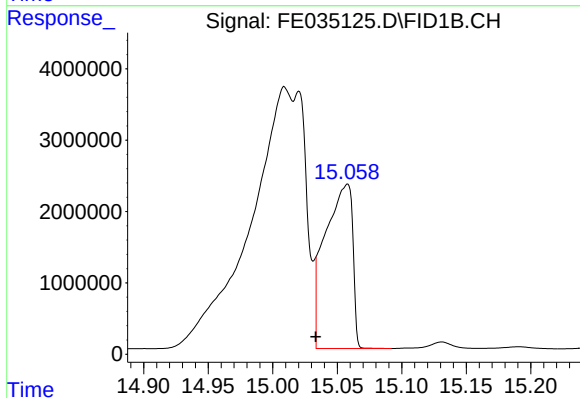
ClientSampleId :

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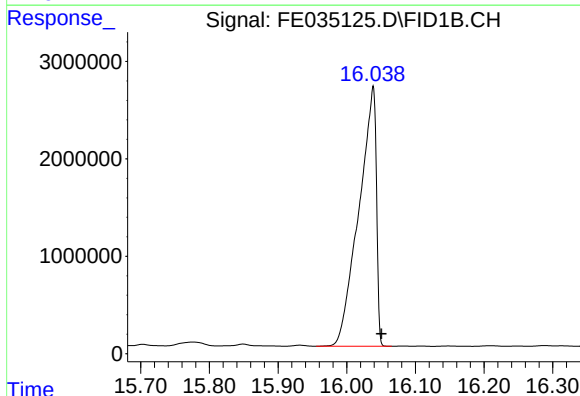
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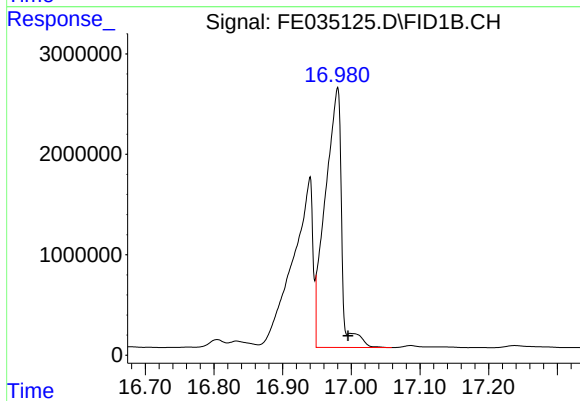
#14 n-Tetracosane (C24)

R.T.: 15.056 min
Delta R.T.: 0.022 min
Response: 34211477
Conc: 38.85 ug/ml



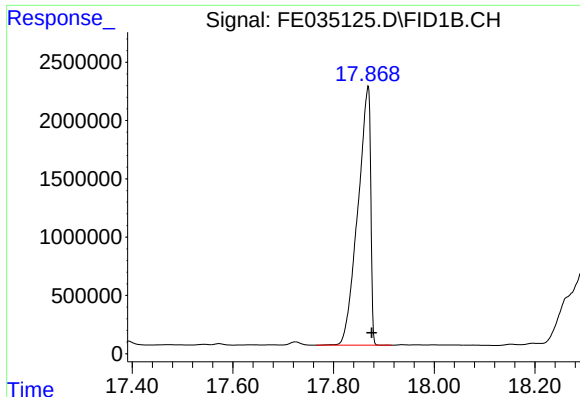
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: -0.013 min
Response: 47062623
Conc: 55.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.978 min
Delta R.T.: -0.017 min
Response: 42932158
Conc: 54.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.867 min
Delta R.T.: -0.009 min
Response: 39113510
Conc: 56.15 ug/ml

Instrument :

FID_E

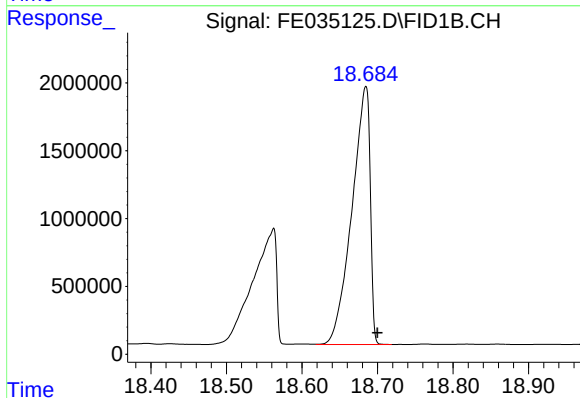
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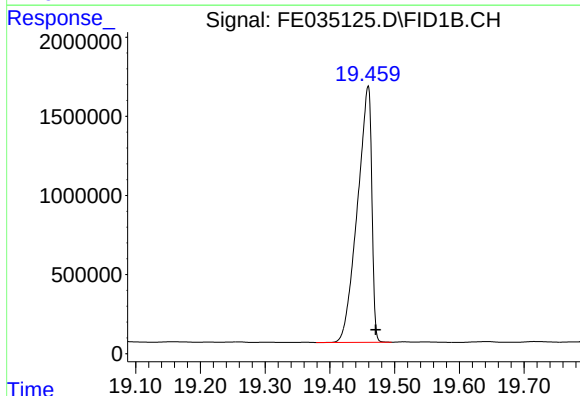
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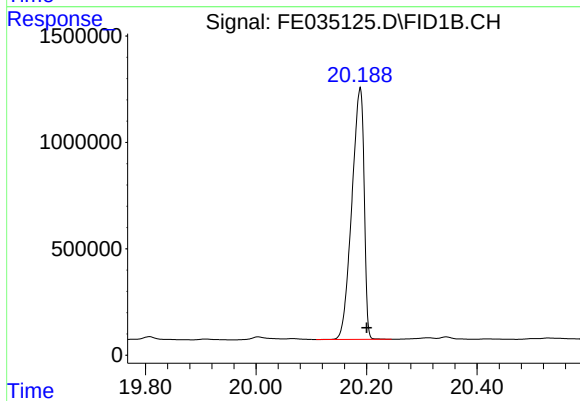
#18 n-Dotriacontane (C32)

R.T.: 18.684 min
Delta R.T.: -0.016 min
Response: 31849586
Conc: 56.43 ug/ml



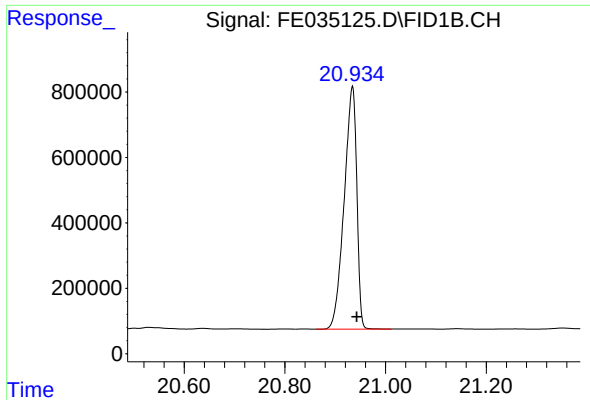
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: -0.013 min
Response: 24911632
Conc: 59.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.188 min
Delta R.T.: -0.012 min
Response: 18221995
Conc: 64.99 ug/ml



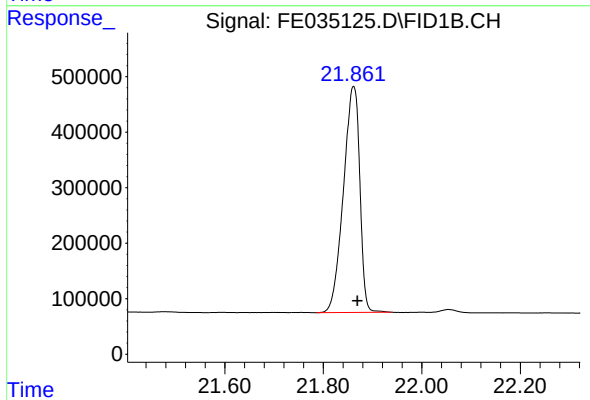
#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.009 min
Response: 12905571
Conc: 70.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.008 min
Response: 9412697
Conc: 75.55 ug/ml