

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070122AL\
 Data File : FE036345.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2022 18:15
 Operator : YP\AJ
 Sample : PB145981BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145981BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2022
 Supervised By :Ankita Jodhani 07/05/2022

Integration File: sample.E
 Quant Time: Jul 02 03:34:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.872	7363753	36.857 ug/ml
Spiked Amount 50.000		Recovery =	73.71%
12) S 1-chlorooctadecane (S...	13.310	5811779	37.540 ug/ml
Spiked Amount 50.000		Recovery =	75.08%
Target Compounds			
1) T n-Nonane (C9)	3.284	6932979	38.546 ug/ml
2) T n-Decane (C10)	4.528	7003310	38.959 ug/ml
3) T A~Naphthalene (C11.7)	6.222	7740338	38.579 ug/ml
4) T n-Dodecane (C12)	6.687	7157709	38.644 ug/ml
5) T A~2-methylnaphthalene...	7.316	7428149	36.489 ug/ml
6) T n-Tetradecane (C14)	8.512	7071490	37.825 ug/ml
7) T n-Hexadecane (C16)	10.118	6932750	37.020 ug/ml
8) T n-Octadecane (C18)	11.559	6988154	37.562 ug/ml
10) T n-Eicosane (C20)	12.867	6638567	36.644 ug/ml
11) T n-Heneicosane (C21)	13.478	6531385	36.360 ug/ml
13) T n-Docosane (C22)	14.063	6439951	36.425 ug/ml
14) T n-Tetracosane (C24)	15.165	5339782	31.177 ug/ml
15) T n-Hexacosane (C26)	16.186	6204100	37.550 ug/ml
16) T n-Octacosane (C28)	17.135	6161747	38.493 ug/ml
17) T n-Tricontane (C30)	18.024	6068481	39.197 ug/ml
18) T n-Dotriacontane (C32)	18.856	6080967	41.612 ug/ml
19) T n-Tetratriacontane (C34)	19.639	6166739	44.563 ug/ml
20) T n-Hexatriacontane (C36)	20.381	5895319	43.914 ug/ml
21) T n-Octatriacontane (C38)	21.105	5827270	43.817 ug/mlm
22) T n-Tetracontane (C40)	22.001	6293295	45.008 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB145981BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

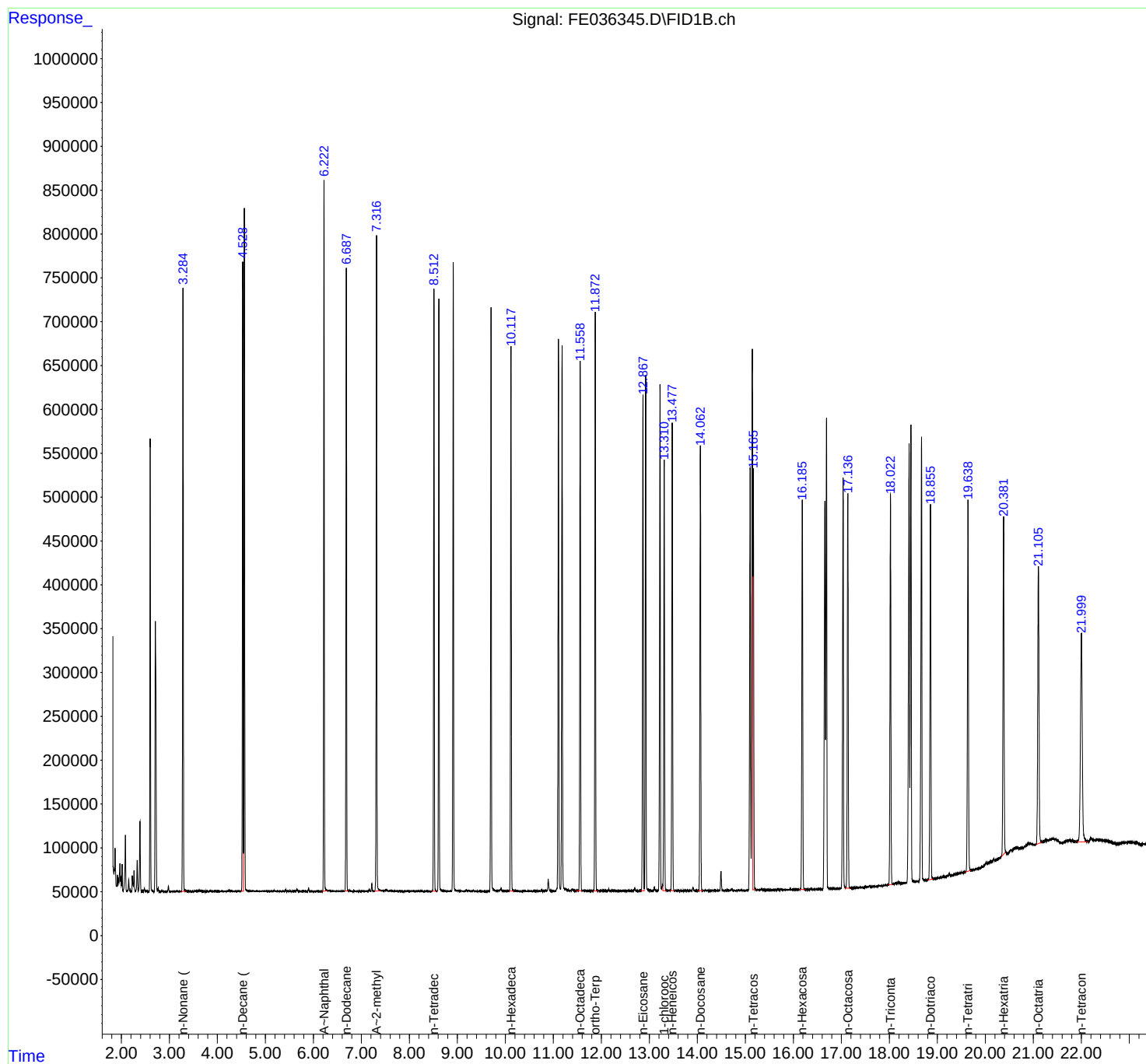
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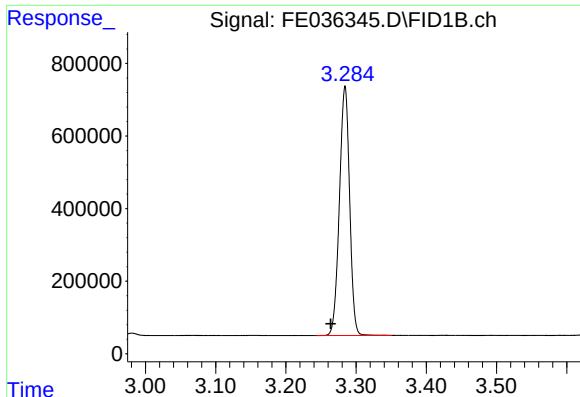
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#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.020 min
Response: 6932979
Conc: 38.55 ug/ml

Instrument :

FID_E

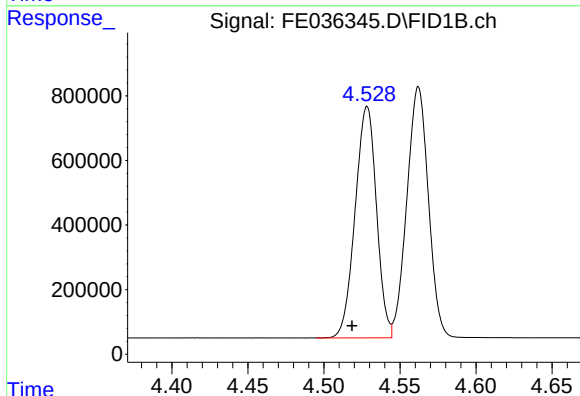
ClientSampleId :

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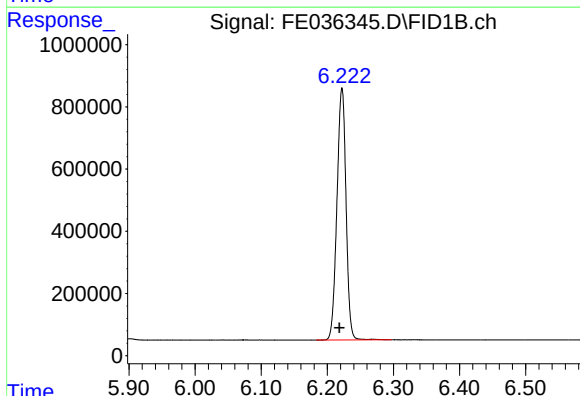
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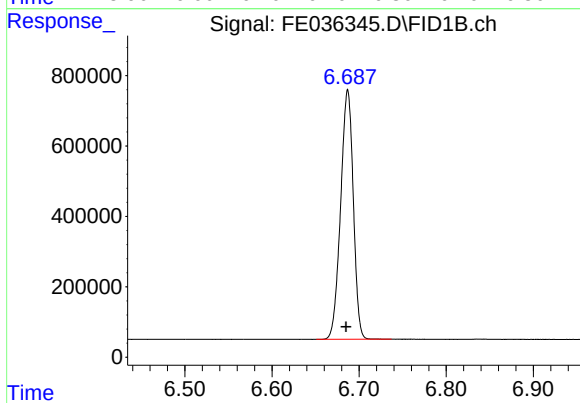
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.010 min
Response: 7003310
Conc: 38.96 ug/ml



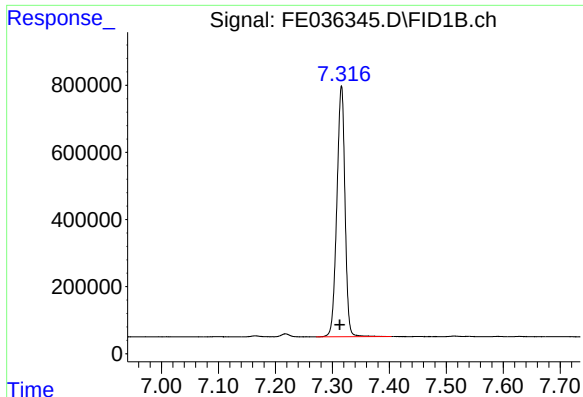
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.004 min
Response: 7740338
Conc: 38.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 7157709
Conc: 38.64 ug/ml



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

R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 7428149
Conc: 36.49 ug/ml

Instrument :

FID_E

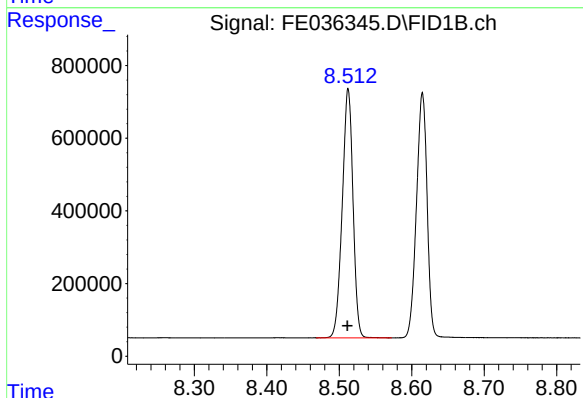
ClientSampleId :

PB145981BS

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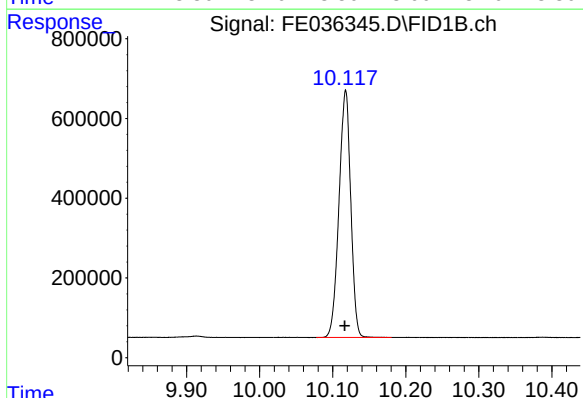
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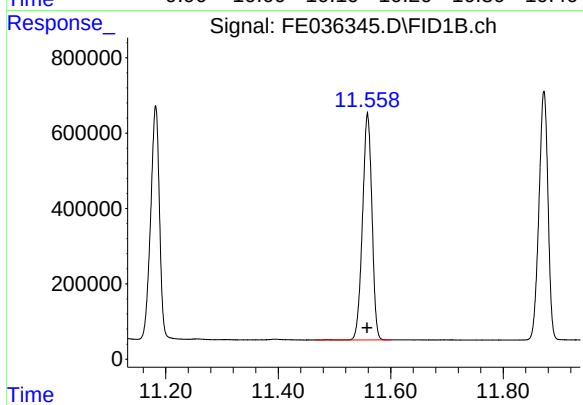
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: 0.001 min
Response: 7071490
Conc: 37.82 ug/ml



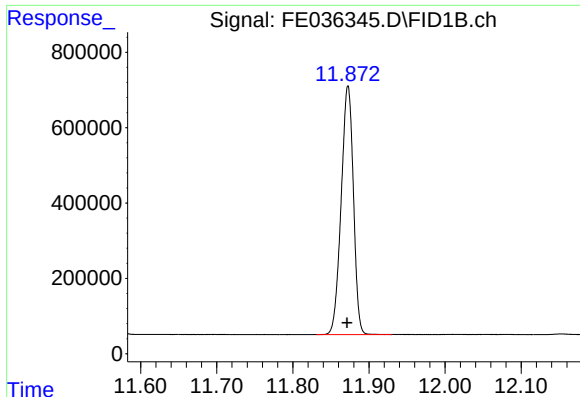
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.001 min
Response: 6932750
Conc: 37.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 6988154
Conc: 37.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.001 min
Response: 7363753
Conc: 36.86 ug/ml

Instrument :

FID_E

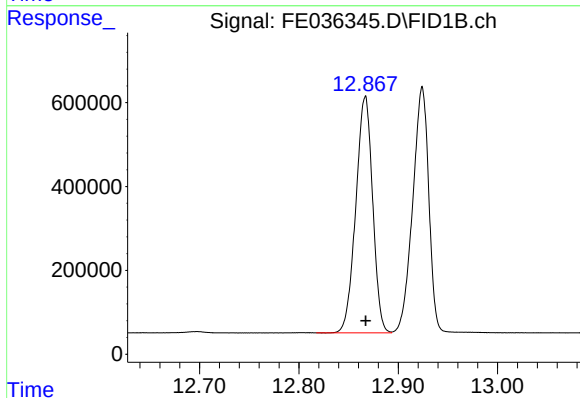
ClientSampleId :

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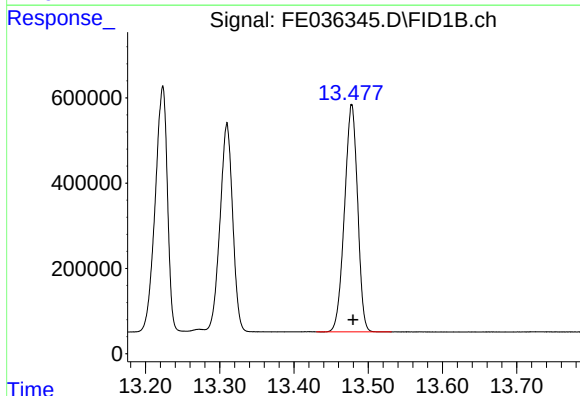
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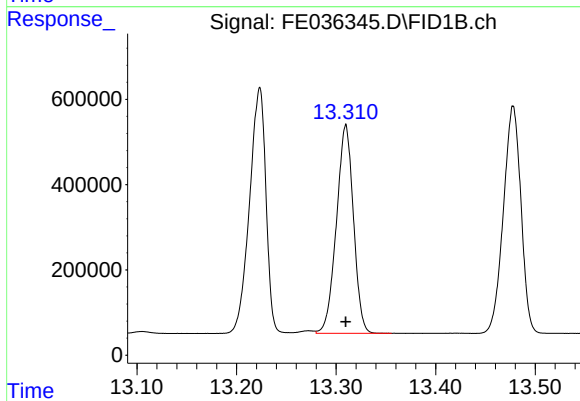
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 6638567
Conc: 36.64 ug/ml



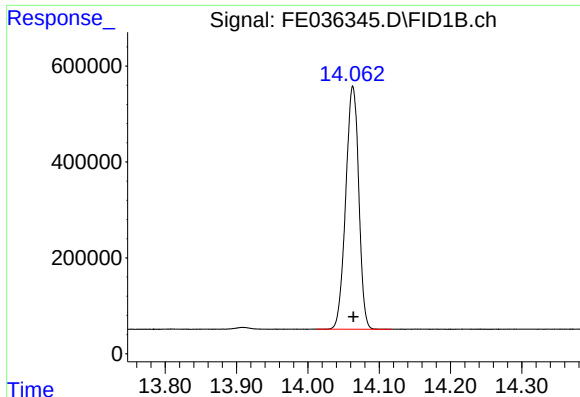
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.001 min
Response: 6531385
Conc: 36.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 5811779
Conc: 37.54 ug/ml



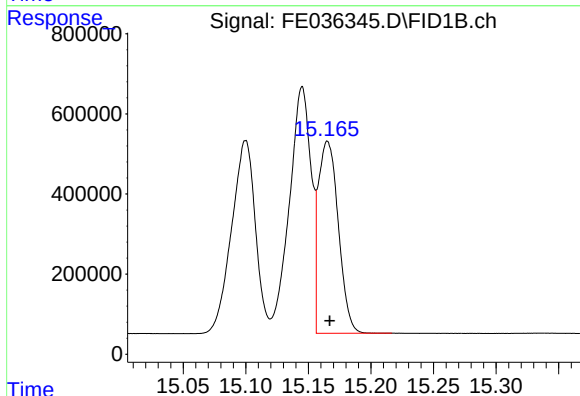
#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 6439951
Conc: 36.43 ug/ml

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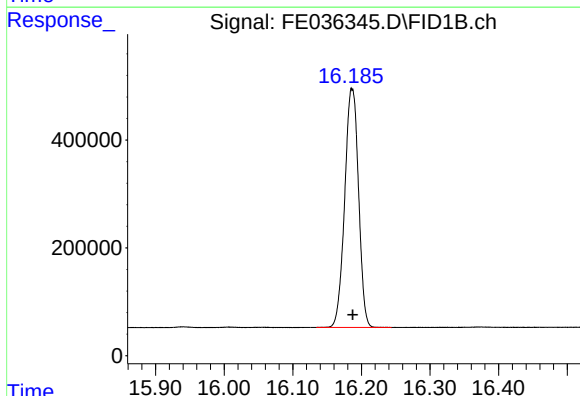
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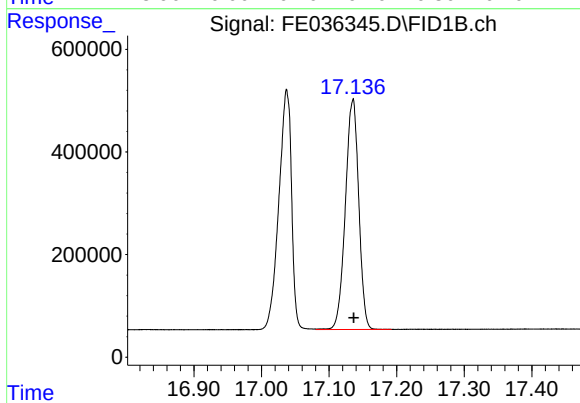
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.002 min
Response: 5339782
Conc: 31.18 ug/ml



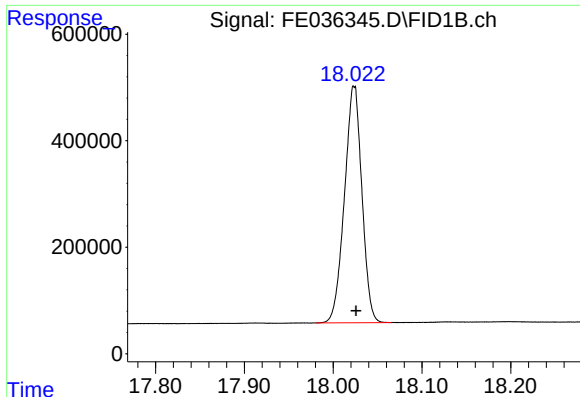
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: -0.001 min
Response: 6204100
Conc: 37.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.001 min
Response: 6161747
Conc: 38.49 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.002 min
Response: 6068481
Conc: 39.20 ug/ml

Instrument :

FID_E

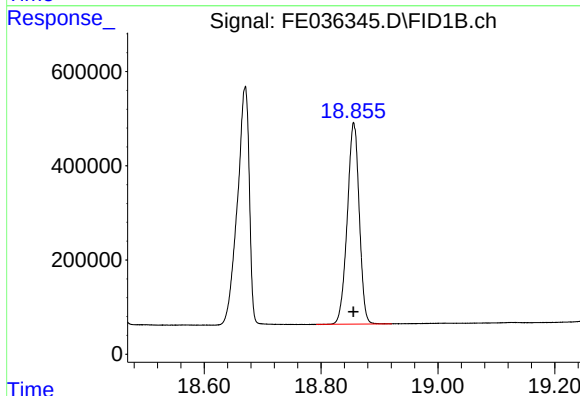
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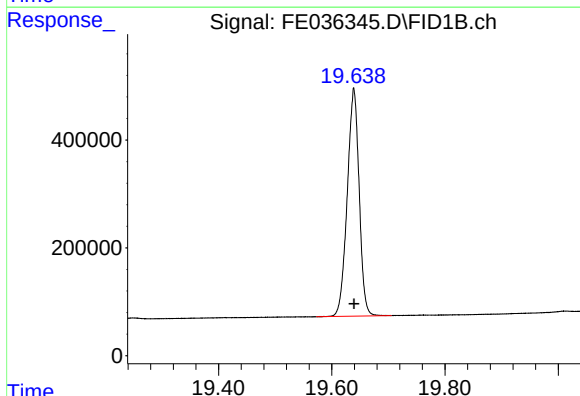
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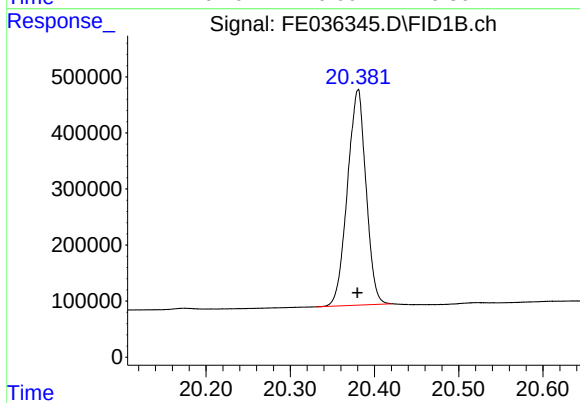
#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: 0.000 min
Response: 6080967
Conc: 41.61 ug/ml



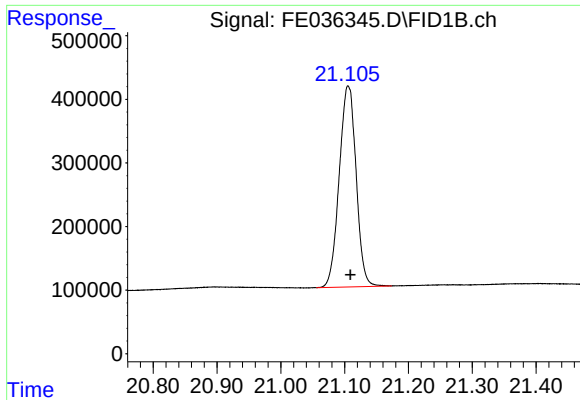
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 6166739
Conc: 44.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 5895319
Conc: 43.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.005 min
Response: 5827270
Conc: 43.82 ug/ml

Instrument :

FID_E

ClientSampleId :

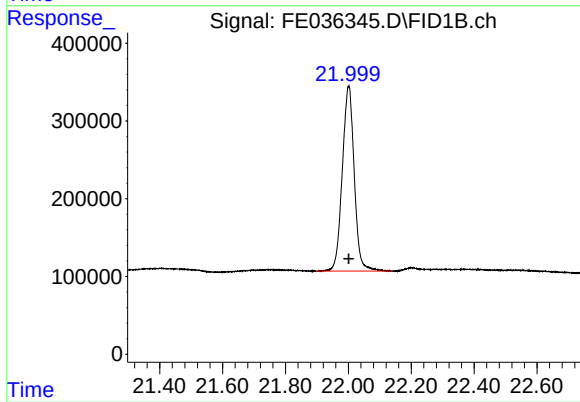
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#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.000 min
Response: 6293295
Conc: 45.01 ug/ml