

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036260.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 14:42
 Operator : YP\AJ
 Sample : PB145885BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145885BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 08:09:41 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)	11.878	9170068	45.898 ug/ml
Spiked Amount 50.000		Recovery =	91.80%
12) S 1-chlorooctadecane (S...	13.315	7265949	46.932 ug/ml
Spiked Amount 50.000		Recovery =	93.86%
Target Compounds			
1) T n-Nonane (C9)	3.282	9183834	51.061 ug/ml
2) T n-Decane (C10)	4.530	10152250	56.477 ug/ml
3) T A~Naphthalene (C11.7)	6.225	12154260	60.578 ug/ml
4) T n-Dodecane (C12)	6.690	11421218	61.662 ug/ml
5) T A~2-methylnaphthalene...	7.321	12760001	62.681 ug/ml
6) T n-Tetradecane (C14)	8.519	12281722	65.694 ug/ml
7) T n-Hexadecane (C16)	10.123	12543176	66.979 ug/ml
8) T n-Octadecane (C18)	11.566	12879545	69.229 ug/ml
10) T n-Eicosane (C20)	12.874	12255773	67.651 ug/ml
11) T n-Heneicosane (C21)	13.485	12034041	66.994 ug/ml
13) T n-Docosane (C22)	14.070	11789203	66.681 ug/ml
14) T n-Tetracosane (C24)	15.173	7544603	44.050 ug/ml
15) T n-Hexacosane (C26)	16.195	10994335	66.543 ug/ml
16) T n-Octacosane (C28)	17.142	10503937	65.619 ug/ml
17) T n-Tricontane (C30)	18.033	10155149	65.593 ug/ml
18) T n-Dotriacontane (C32)	18.863	10128179	69.306 ug/ml
19) T n-Tetratriacontane (C34)	19.646	9719822	70.239 ug/ml
20) T n-Hexatriacontane (C36)	20.386	9263656	69.004 ug/ml
21) T n-Octatriacontane (C38)	21.116	8947908	67.283 ug/mlm
22) T n-Tetracontane (C40)	22.010	9167268	65.562 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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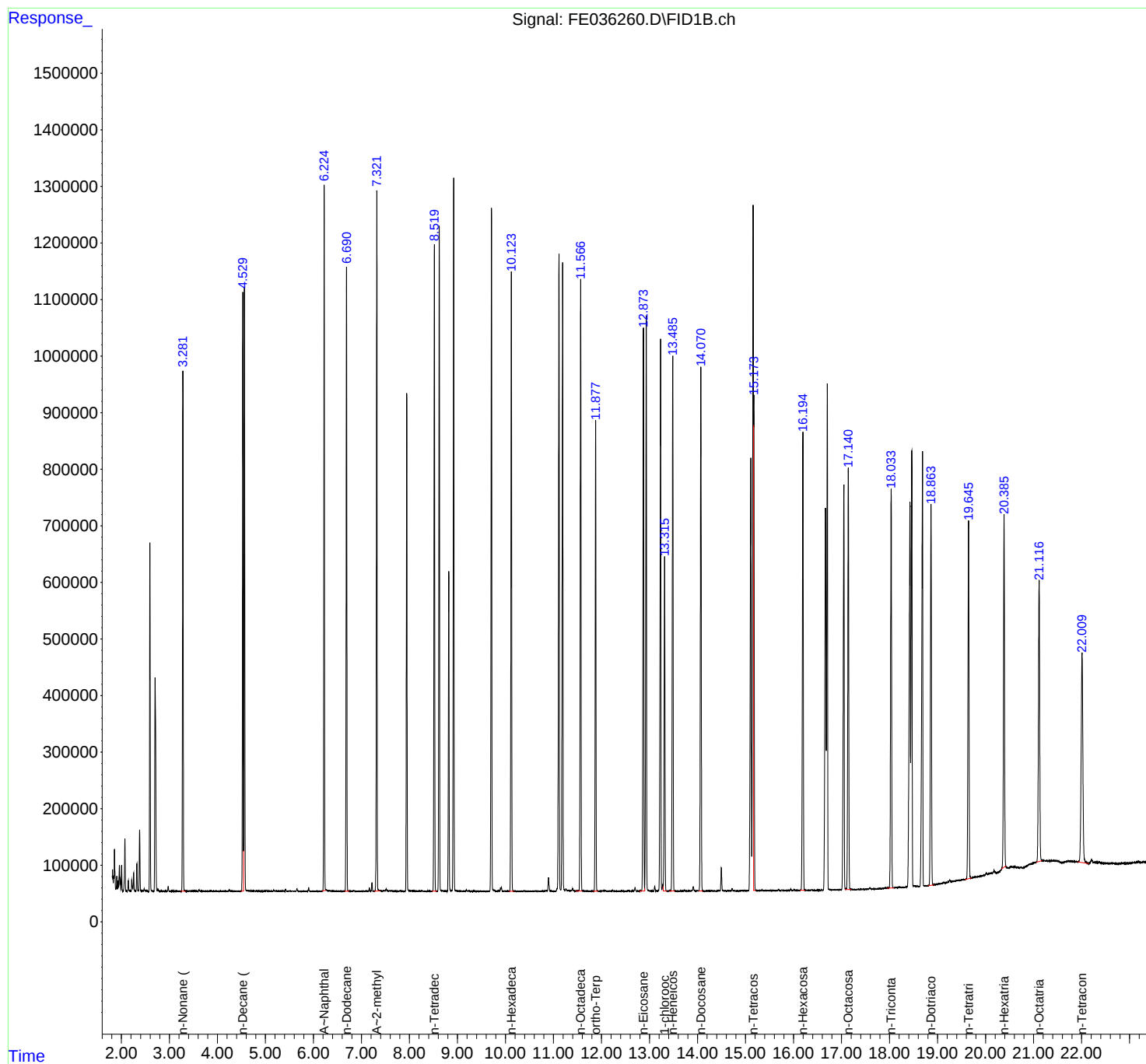
Instrument :
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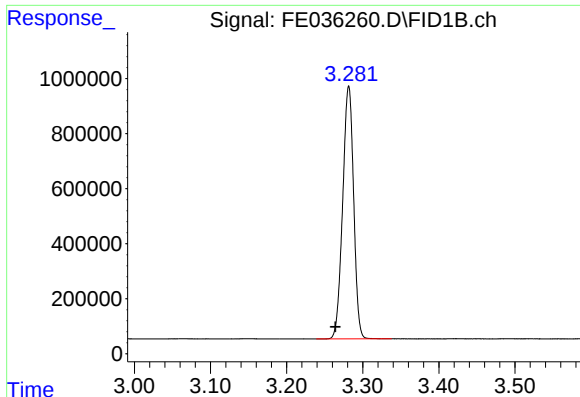
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#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.018 min
Response: 9183834
Conc: 51.06 ug/ml

Instrument :

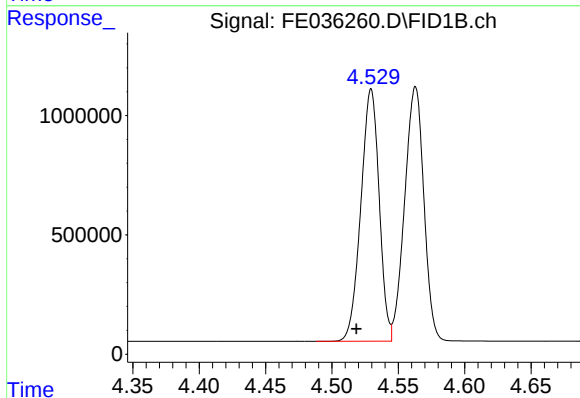
FID_E

ClientSampleId :

PB145885BSD

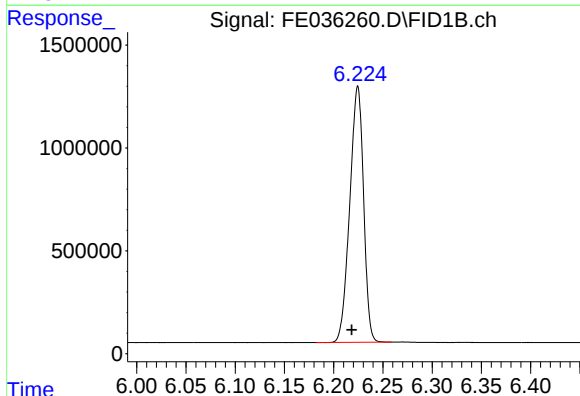
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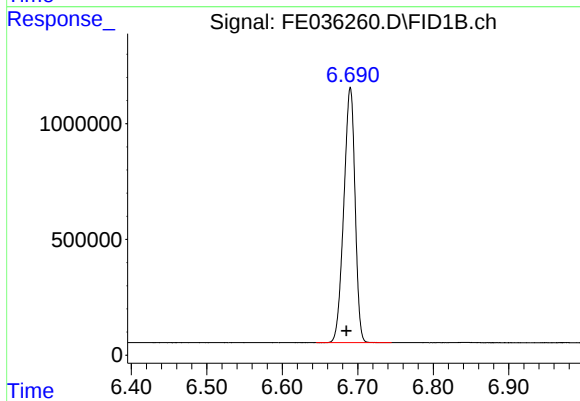
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: 0.011 min
Response: 10152250
Conc: 56.48 ug/ml



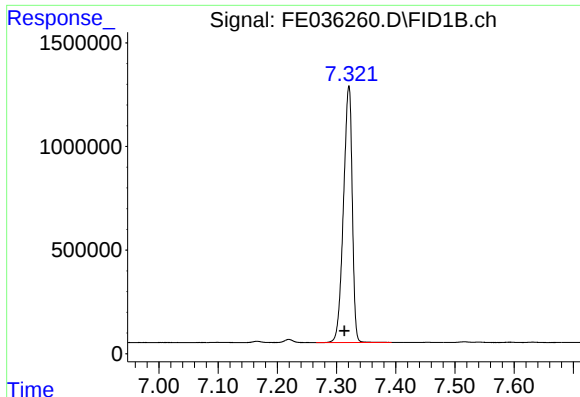
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: 0.006 min
Response: 12154260
Conc: 60.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.005 min
Response: 11421218
Conc: 61.66 ug/ml



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

R.T.: 7.321 min
Delta R.T.: 0.008 min
Response: 12760001
Conc: 62.68 ug/ml

Instrument :

FID_E

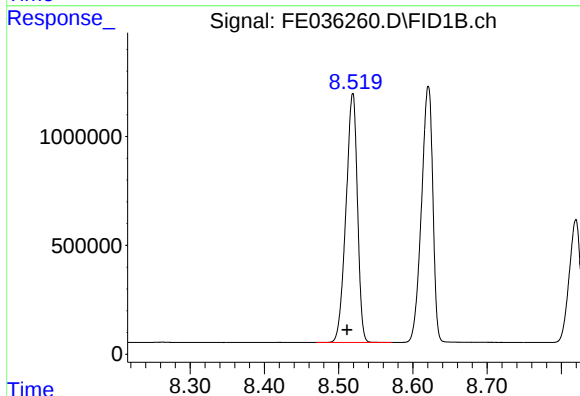
ClientSampleId :

PB145885BSD

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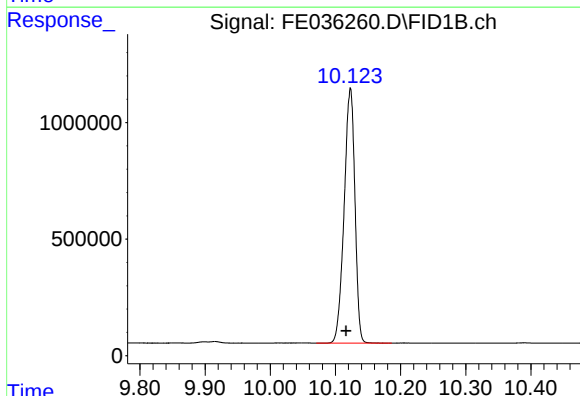
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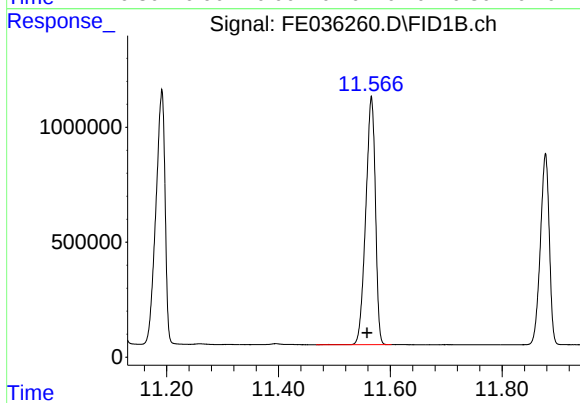
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.008 min
Response: 12281722
Conc: 65.69 ug/ml



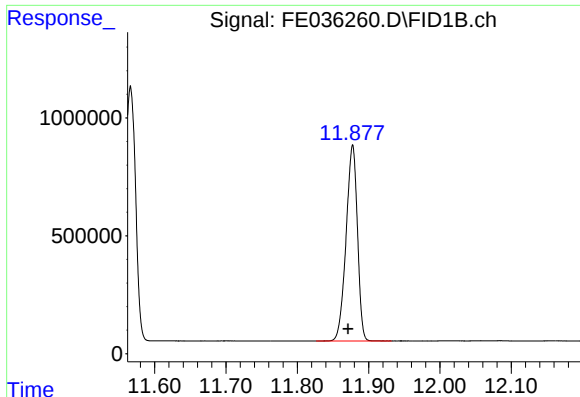
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.007 min
Response: 12543176
Conc: 66.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: 0.008 min
Response: 12879545
Conc: 69.23 ug/ml



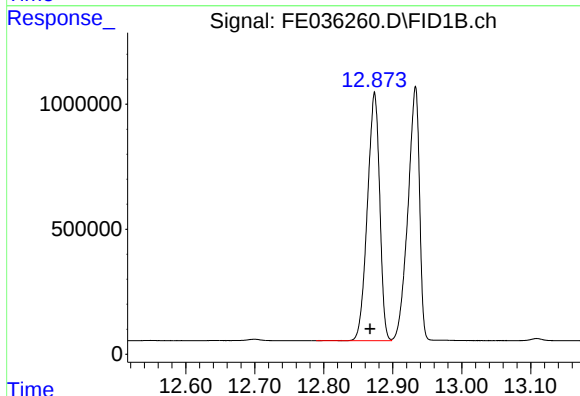
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.007 min
Response: 9170068
Conc: 45.90 ug/ml

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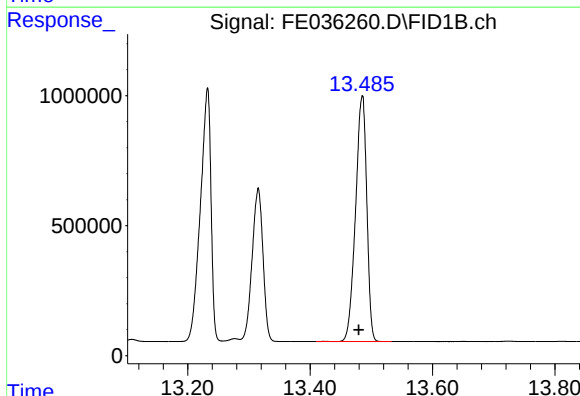
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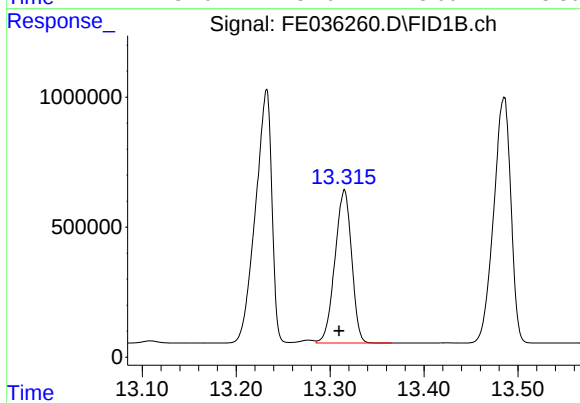
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.006 min
Response: 12255773
Conc: 67.65 ug/ml



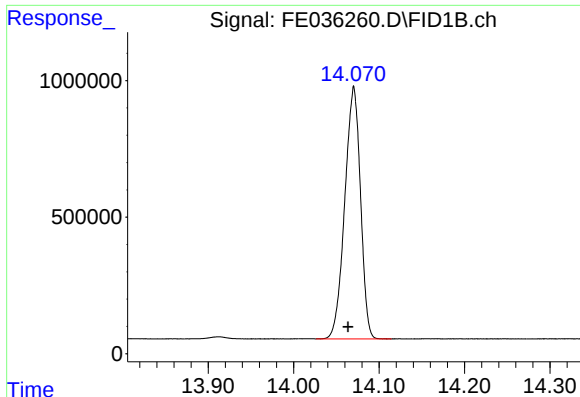
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.006 min
Response: 12034041
Conc: 66.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: 0.006 min
Response: 7265949
Conc: 46.93 ug/ml



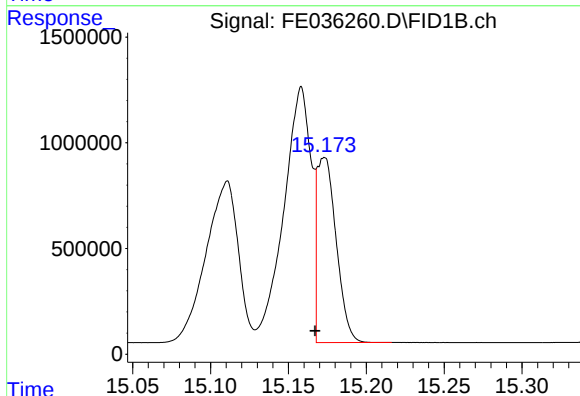
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.007 min
Response: 11789203
Conc: 66.68 ug/ml

Instrument :
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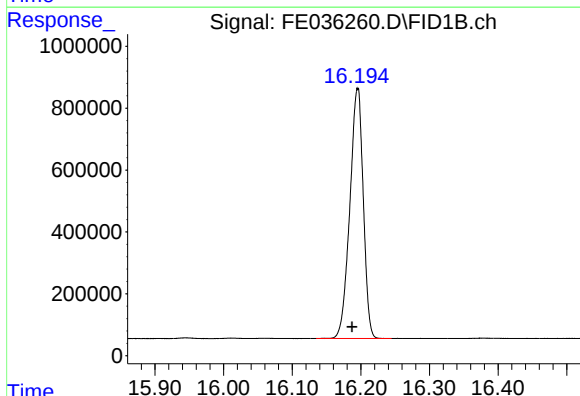
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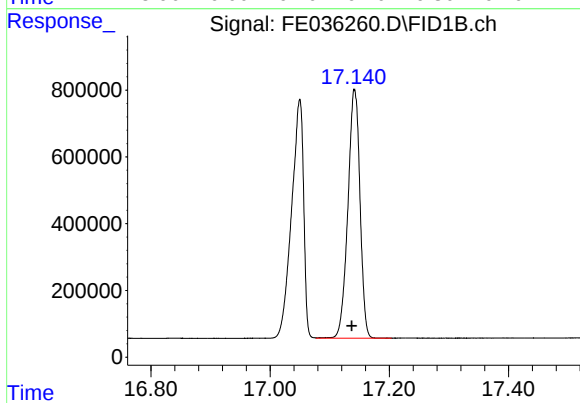
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.006 min
Response: 7544603
Conc: 44.05 ug/ml



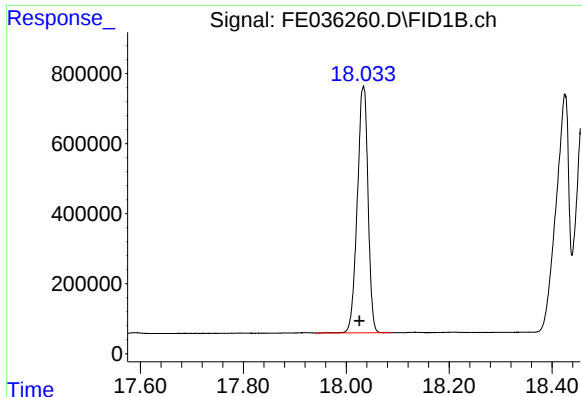
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.008 min
Response: 10994335
Conc: 66.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.005 min
Response: 10503937
Conc: 65.62 ug/ml



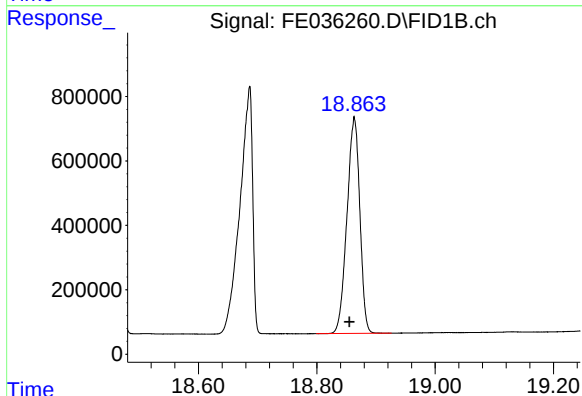
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.008 min
Response: 10155149
Conc: 65.59 ug/ml

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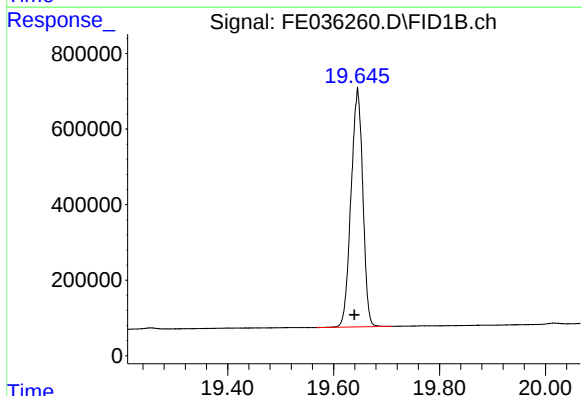
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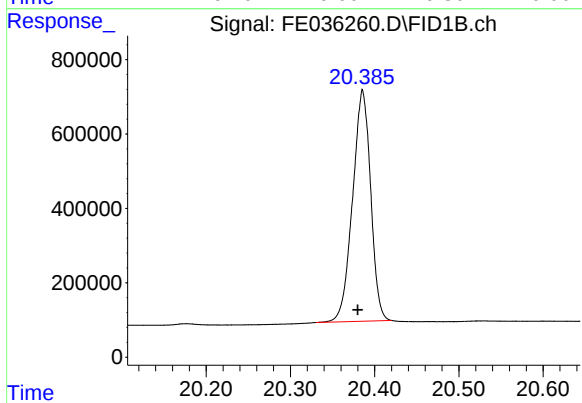
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.008 min
Response: 10128179
Conc: 69.31 ug/ml



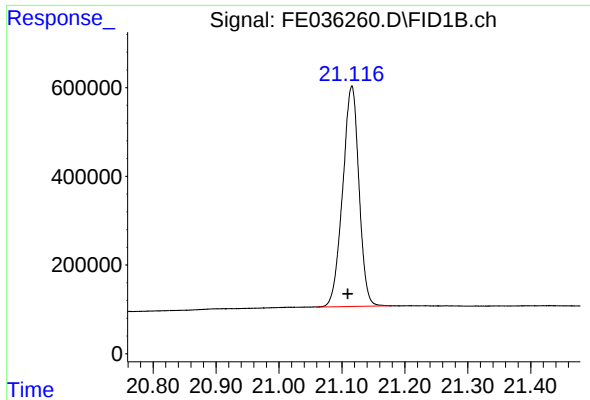
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.006 min
Response: 9719822
Conc: 70.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: 0.006 min
Response: 9263656
Conc: 69.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: 0.006 min
Response: 8947908
Conc: 67.28 ug/ml

Instrument :

FID_E

ClientSampleId :

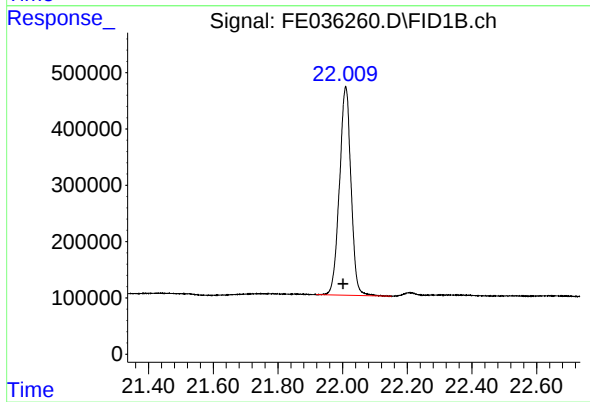
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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.008 min
Response: 9167268
Conc: 65.56 ug/ml