

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092222AL\
 Data File : FE037733.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2022 17:22
 Operator : YP\AJ
 Sample : N4725-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2022
 Supervised By :Ankita Jodhani 09/23/2022

Integration File: autoint1.e
 Quant Time: Sep 23 03:43:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.627	4553566	26.945 ug/ml
Spiked Amount 50.000		Recovery =	53.89%
12) S 1-chlorooctadecane (S...	13.051	3817501	29.662 ug/ml
Spiked Amount 50.000		Recovery =	59.32%
Target Compounds			
1) T n-Nonane (C9)	3.021	3951454	25.826 ug/ml
2) T n-Decane (C10)	4.279	4416157	28.644 ug/mlm
3) T A~Naphthalene (C11.7)	5.992	4667524	32.397 ug/ml
4) T n-Dodecane (C12)	6.450	4887097	30.905 ug/ml
5) T A~2-methylnaphthalene...	7.086	4736592	33.926 ug/ml
6) T n-Tetradecane (C14)	9.870	5522417	34.852 ug/ml
7) T n-Hexadecane (C16)	9.870	5522417	34.852 ug/ml
8) T n-Octadecane (C18)	11.306	5594557	35.132 ug/ml
10) T n-Eicosane (C20)	12.610	5365305	33.910 ug/ml
11) T n-Heneicosane (C21)	13.217	5268840	33.413 ug/ml
13) T n-Docosane (C22)	13.801	5204575	33.433 ug/ml
14) T n-Tetracosane (C24)	14.900	9977843	66.340 ug/ml
15) T n-Hexacosane (C26)	15.916	4913019	33.929 ug/ml
16) T n-Octacosane (C28)	16.860	5178063	37.376 ug/ml
17) T n-Tricontane (C30)	17.745	4844680	35.614 ug/ml
18) T n-Dotriacontane (C32)	18.571	5011356	37.529 ug/ml
19) T n-Tetratriacontane (C34)	19.351	5025580	39.719 ug/ml
20) T n-Hexatriacontane (C36)	20.088	4922696	38.275 ug/ml
21) T n-Octatriacontane (C38)	20.787	5087336	40.875 ug/ml
22) T n-Tetracontane (C40)	21.563	5145185	39.911 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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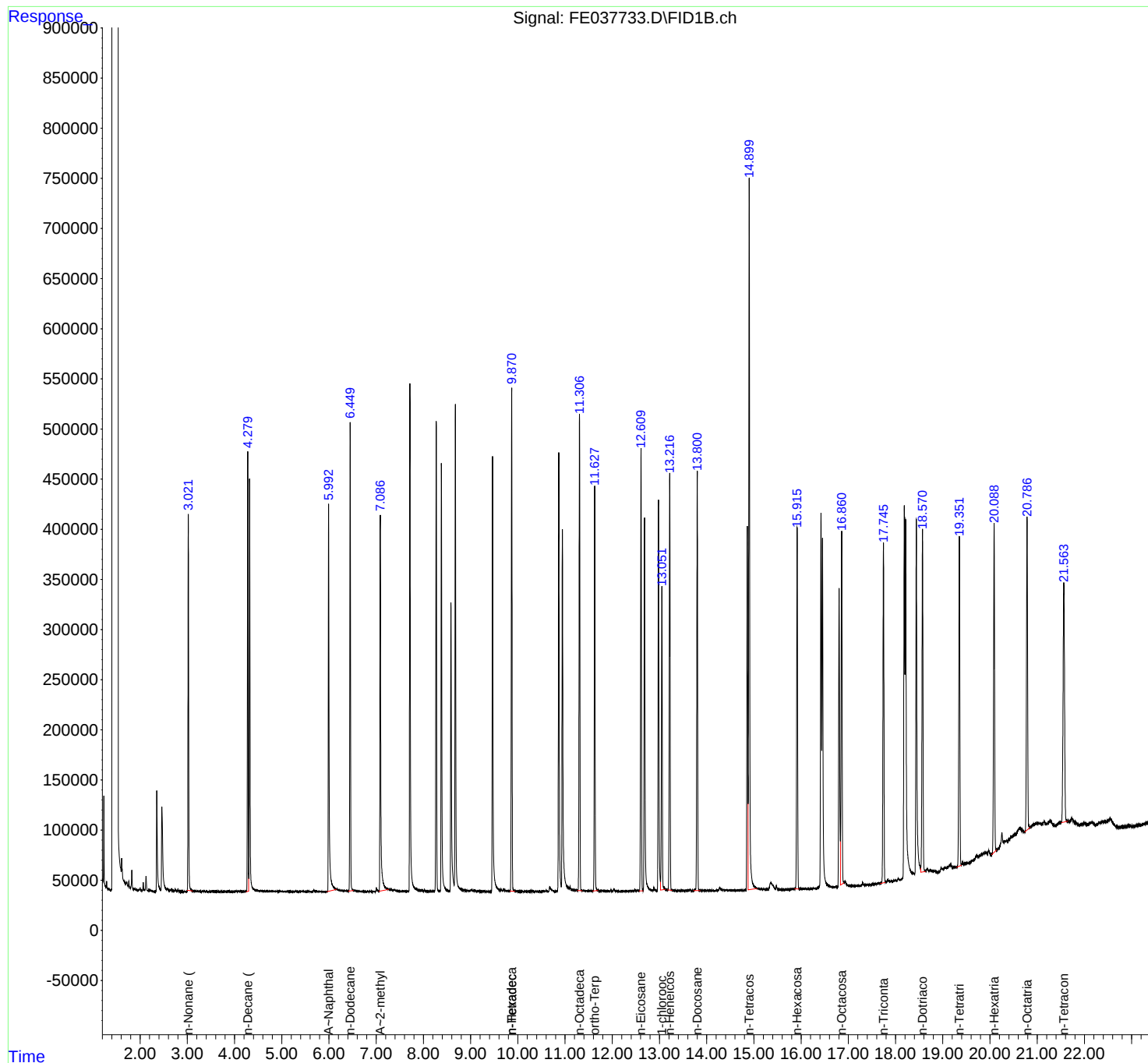
Instrument :
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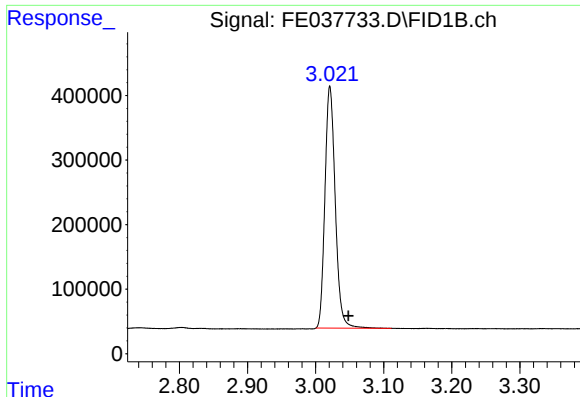
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.021 min
Delta R.T.: -0.027 min
Response: 3951454
Conc: 25.83 ug/ml

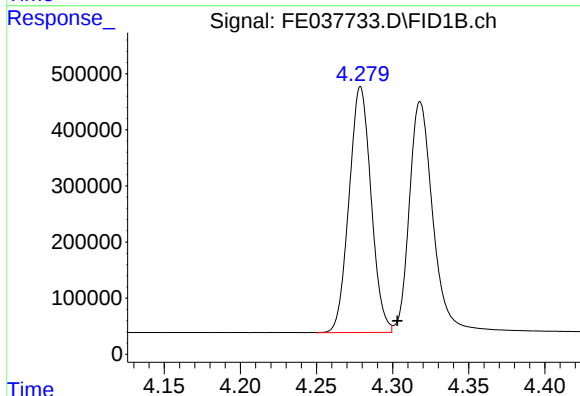
Instrument :

FID_E

ClientSampleId :
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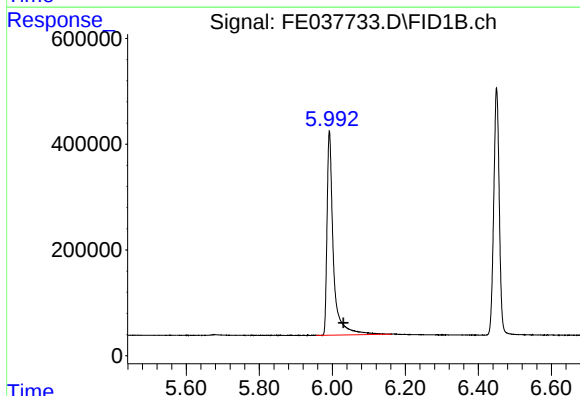
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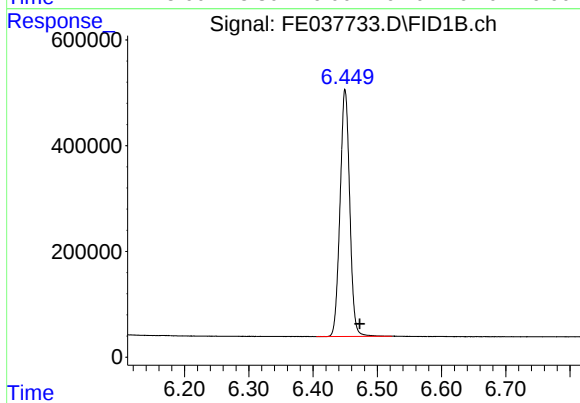
#2 n-Decane (C10)

R.T.: 4.279 min
Delta R.T.: -0.025 min
Response: 4416157
Conc: 28.64 ug/ml m



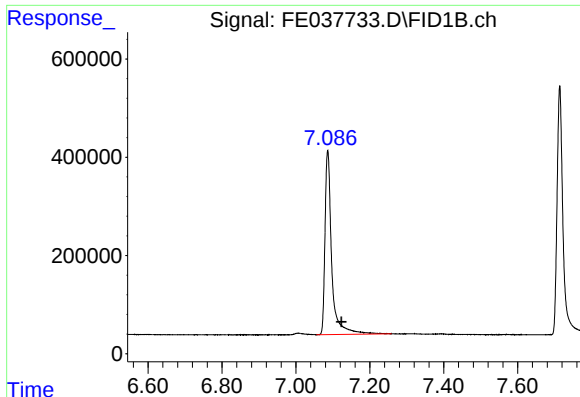
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.039 min
Response: 4667524
Conc: 32.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.450 min
Delta R.T.: -0.022 min
Response: 4887097
Conc: 30.91 ug/ml



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

R.T.: 7.086 min
Delta R.T.: -0.037 min
Response: 4736592
Conc: 33.93 ug/ml

Instrument :

FID_E

ClientSampleId :

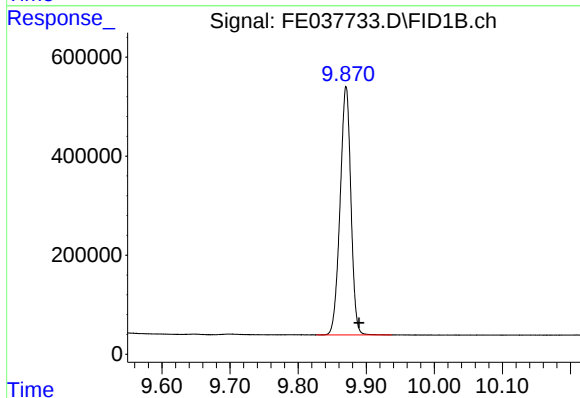
S-1MS

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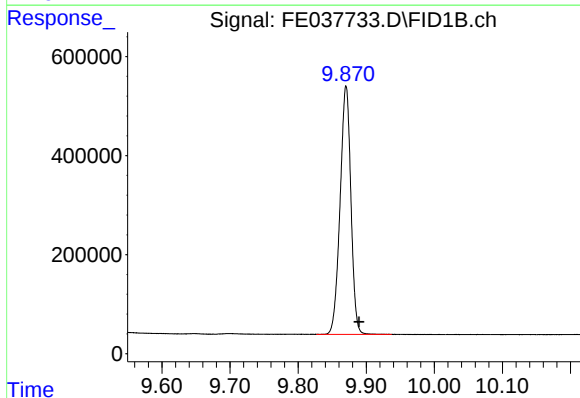
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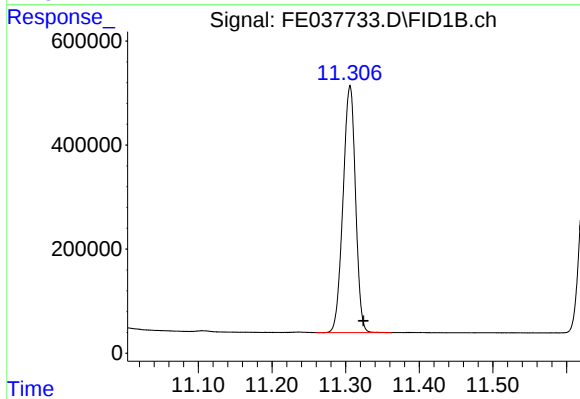
#6 n-Tetradecane (C14)

R.T.: 9.870 min
Delta R.T.: -0.019 min
Response: 5522417
Conc: 34.85 ug/ml



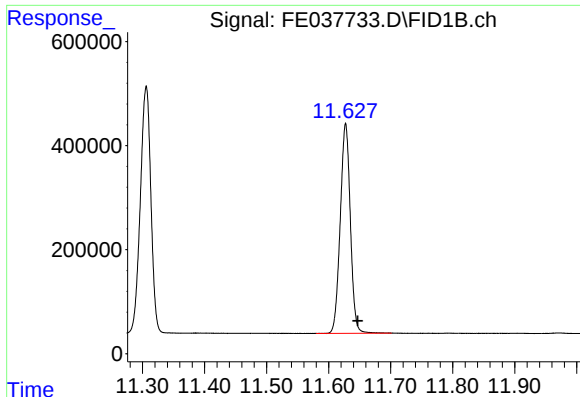
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.019 min
Response: 5522417
Conc: 34.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.018 min
Response: 5594557
Conc: 35.13 ug/ml



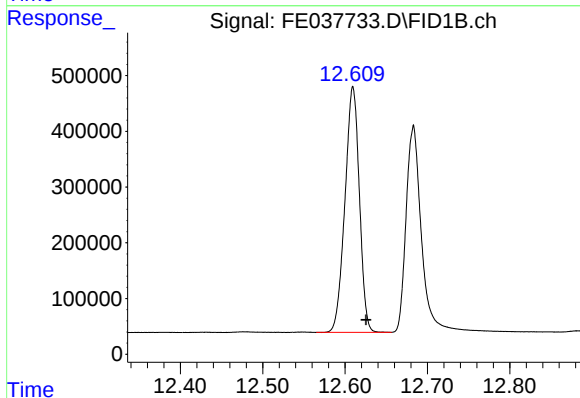
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 4553566
Conc: 26.95 ug/ml

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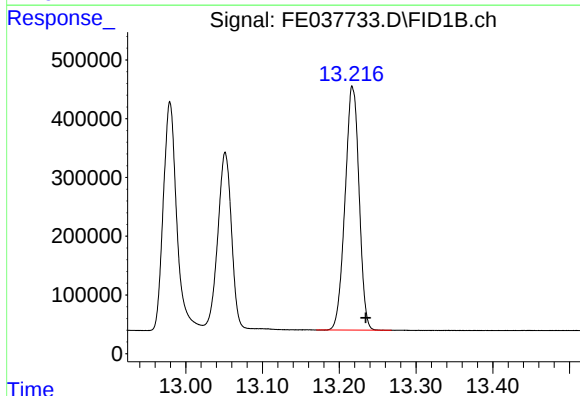
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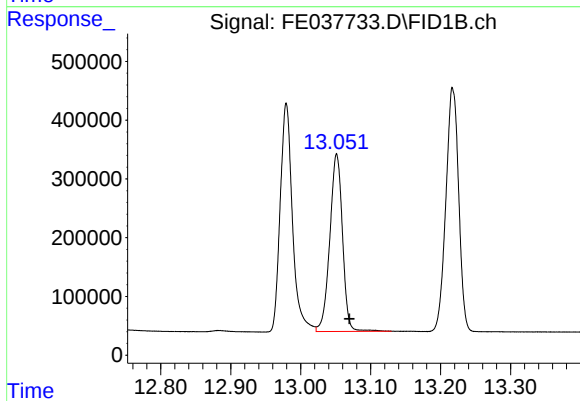
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.016 min
Response: 5365305
Conc: 33.91 ug/ml



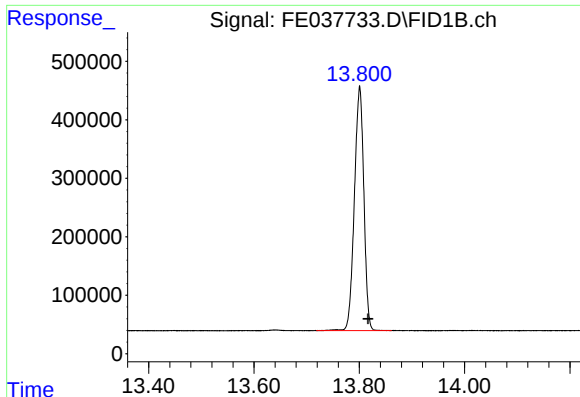
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.018 min
Response: 5268840
Conc: 33.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.051 min
Delta R.T.: -0.018 min
Response: 3817501
Conc: 29.66 ug/ml



#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.016 min
Response: 5204575
Conc: 33.43 ug/ml

Instrument :

FID_E

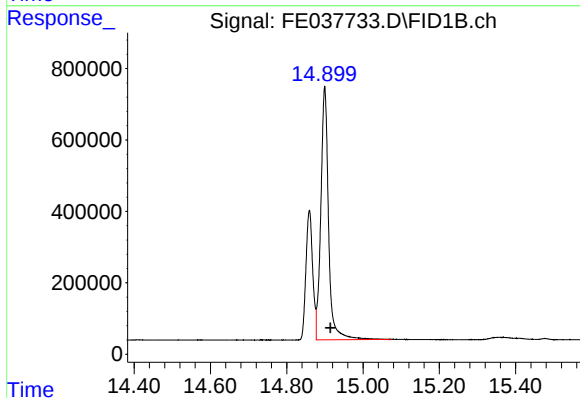
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S-1MS

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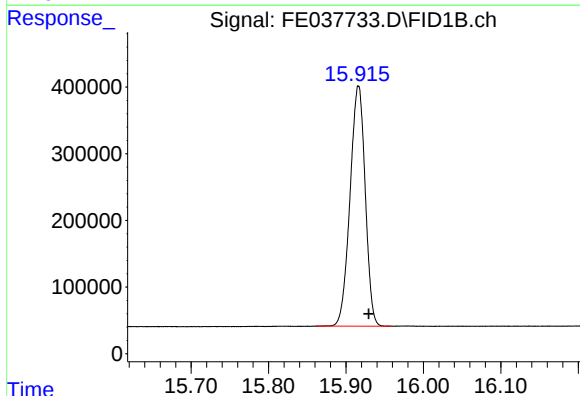
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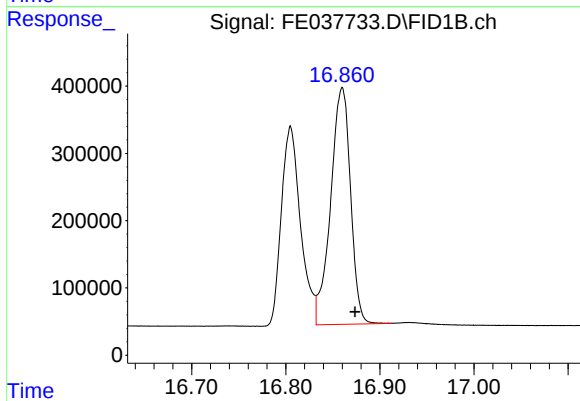
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: -0.015 min
Response: 9977843
Conc: 66.34 ug/ml



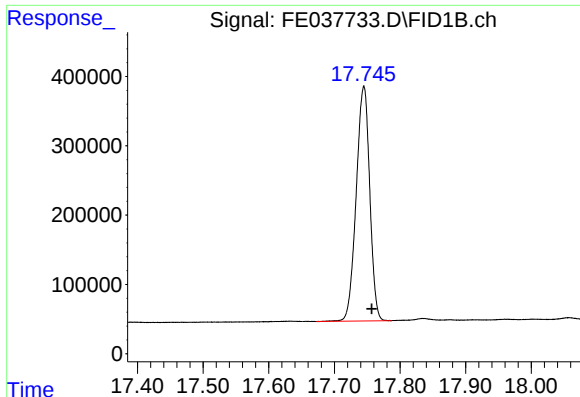
#15 n-Hexacosane (C26)

R.T.: 15.916 min
Delta R.T.: -0.013 min
Response: 4913019
Conc: 33.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.014 min
Response: 5178063
Conc: 37.38 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.012 min
Response: 4844680
Conc: 35.61 ug/ml

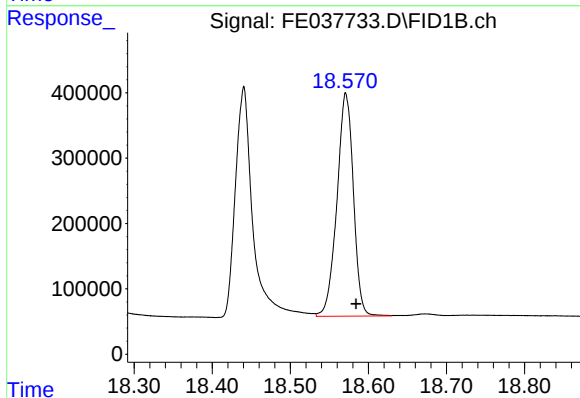
Instrument :

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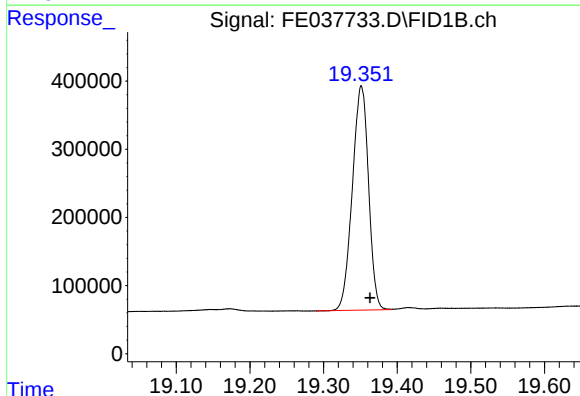
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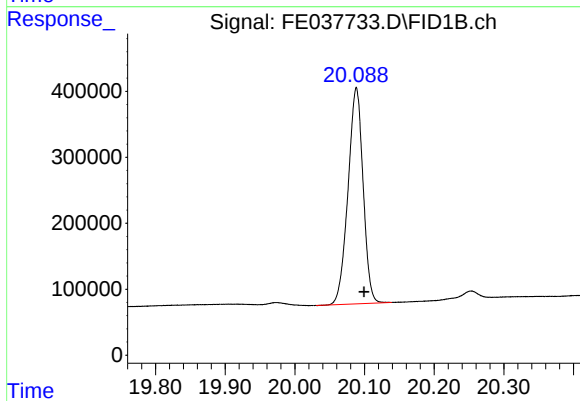
#18 n-Dotriacontane (C32)

R.T.: 18.571 min
Delta R.T.: -0.013 min
Response: 5011356
Conc: 37.53 ug/ml



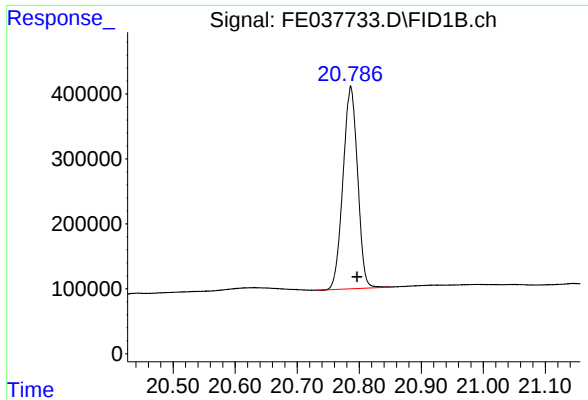
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.012 min
Response: 5025580
Conc: 39.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: -0.011 min
Response: 4922696
Conc: 38.28 ug/ml



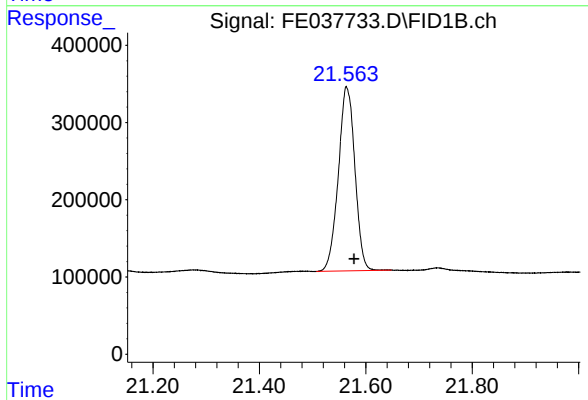
#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.010 min
Response: 5087336
Conc: 40.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.563 min
Delta R.T.: -0.015 min
Response: 5145185
Conc: 39.91 ug/ml m