

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091522AL\
 Data File : FE037594.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 17:37
 Operator : YP\AJ
 Sample : PB147655BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147655BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2022
 Supervised By :Ankita Jodhani 09/16/2022

Integration File: autoint1.e
 Quant Time: Sep 16 04:54:43 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)	11.628	7313396	43.276 ug/ml
Spiked Amount 50.000		Recovery =	86.55%
12) S 1-chlorooctadecane (S...	13.050	5992378	46.561 ug/ml
Spiked Amount 50.000		Recovery =	93.12%
Target Compounds			
1) T n-Nonane (C9)	3.036	6963667	45.512 ug/ml
2) T n-Decane (C10)	4.289	7258017	47.076 ug/ml
3) T A~Naphthalene (C11.7)	5.997	7901021	54.841 ug/ml
4) T n-Dodecane (C12)	6.455	8051507	50.916 ug/ml
5) T A~2-methylnaphthalene...	7.088	7906853	56.634 ug/ml
6) T n-Tetradecane (C14)	9.872	8452860	53.346 ug/ml
7) T n-Hexadecane (C16)	9.872	8452860	53.346 ug/ml
8) T n-Octadecane (C18)	11.307	8433742	52.961 ug/ml
10) T n-Eicosane (C20)	12.609	8073719	51.028 ug/ml
11) T n-Heneicosane (C21)	13.217	7940047	50.352 ug/ml
13) T n-Docosane (C22)	13.799	7796960	50.087 ug/ml
14) T n-Tetracosane (C24)	14.896	15133723	100.621 ug/ml
15) T n-Hexacosane (C26)	15.913	7437947	51.366 ug/ml
16) T n-Octacosane (C28)	16.856	7796199	56.275 ug/ml
17) T n-Tricontane (C30)	17.741	7291285	53.600 ug/ml
18) T n-Dotriacontane (C32)	18.565	7525618	56.358 ug/ml
19) T n-Tetratriacontane (C34)	19.346	7500210	59.277 ug/ml
20) T n-Hexatriacontane (C36)	20.082	7345154	57.110 ug/mlm
21) T n-Octatriacontane (C38)	20.779	7586454	60.955 ug/mlm
22) T n-Tetracontane (C40)	21.555	7963343	61.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147655BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

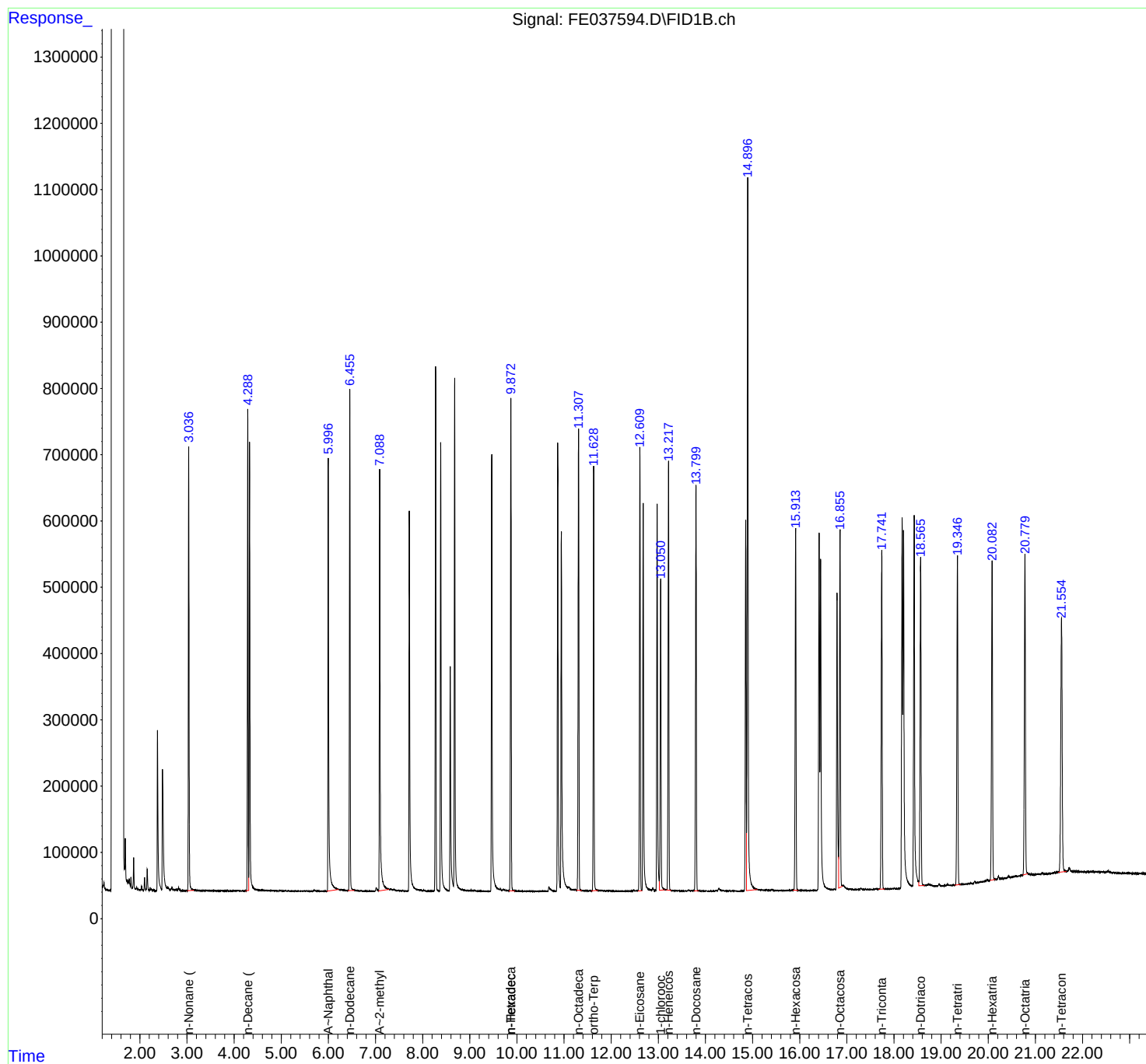
Instrument :
FID_E
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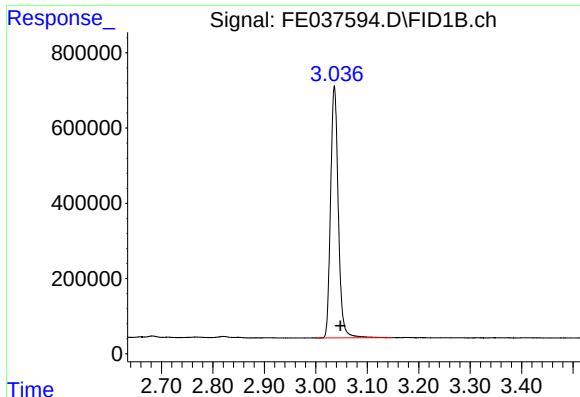
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#1 n-Nonane (C9)

R.T.: 3.036 min
Delta R.T.: -0.012 min
Response: 6963667
Conc: 45.51 ug/ml

Instrument :

FID_E

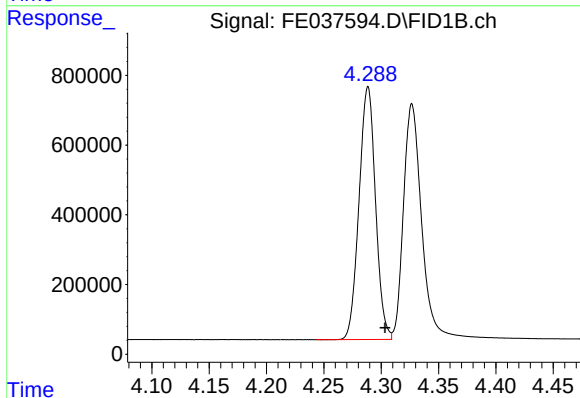
ClientSampleId :

PB147655BSD

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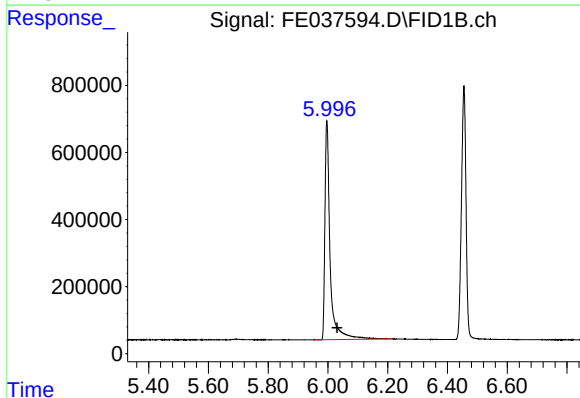
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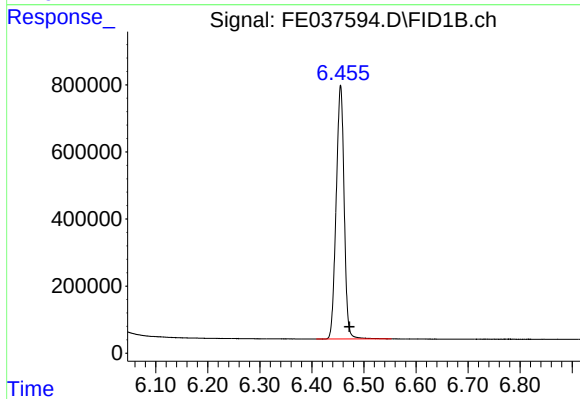
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.015 min
Response: 7258017
Conc: 47.08 ug/ml



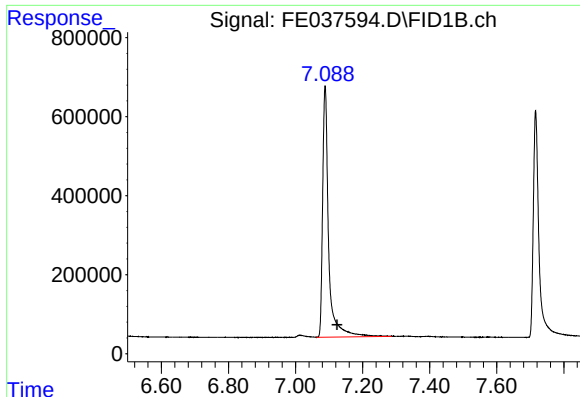
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.034 min
Response: 7901021
Conc: 54.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.017 min
Response: 8051507
Conc: 50.92 ug/ml



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

R.T.: 7.088 min
Delta R.T.: -0.035 min
Response: 7906853
Conc: 56.63 ug/ml

Instrument :

FID_E

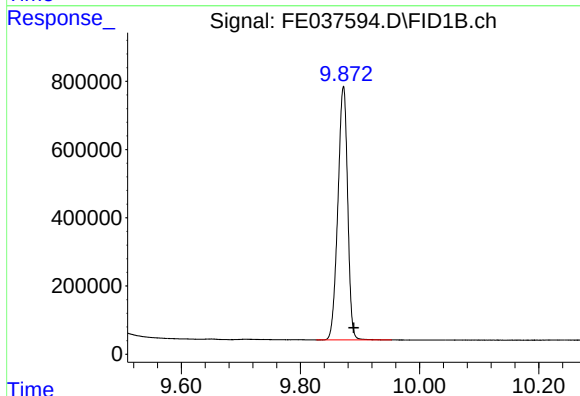
ClientSampleId :

PB147655BSD

Manual Integrations

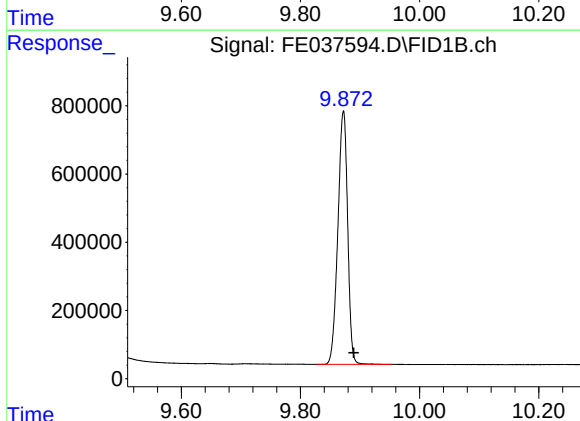
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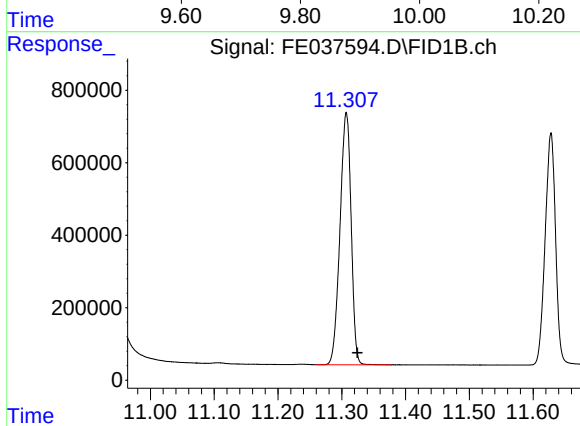
#6 n-Tetradecane (C14)

R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 8452860
Conc: 53.35 ug/ml



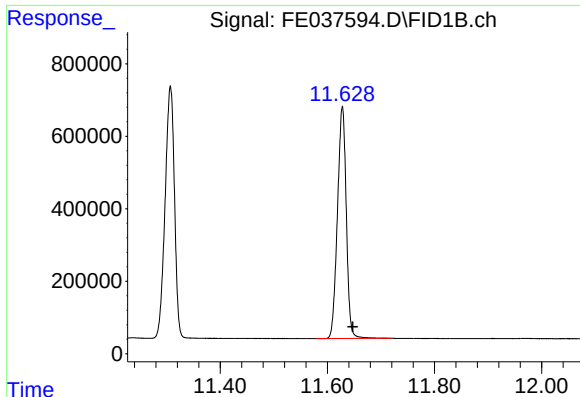
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 8452860
Conc: 53.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.307 min
Delta R.T.: -0.017 min
Response: 8433742
Conc: 52.96 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: -0.019 min
Response: 7313396
Conc: 43.28 ug/ml

Instrument :

FID_E

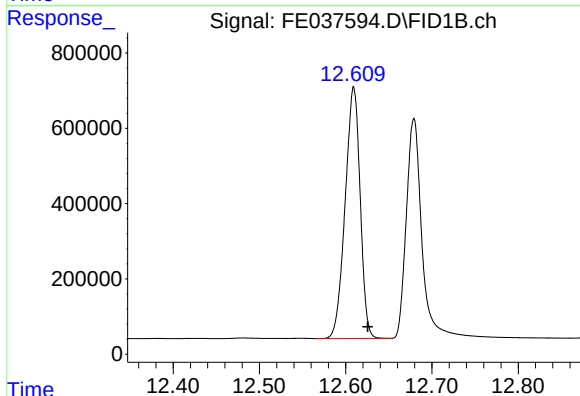
ClientSampleId :

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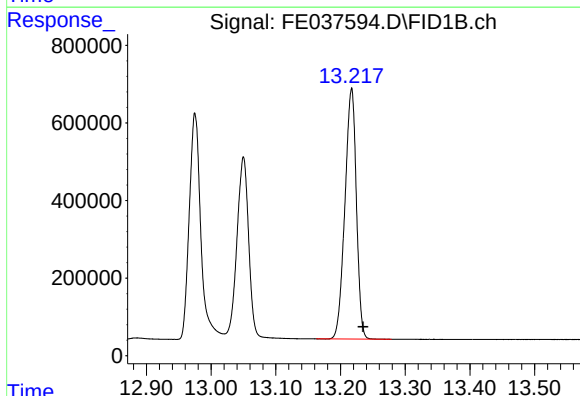
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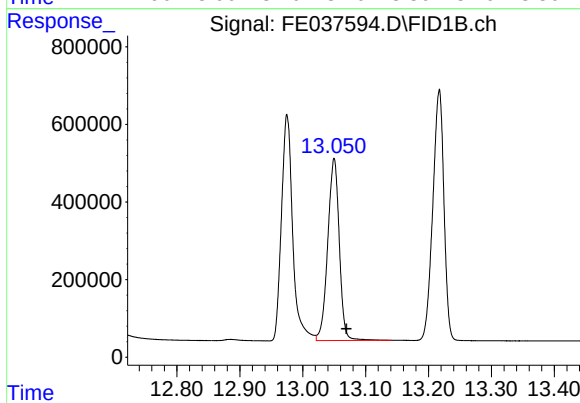
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.016 min
Response: 8073719
Conc: 51.03 ug/ml



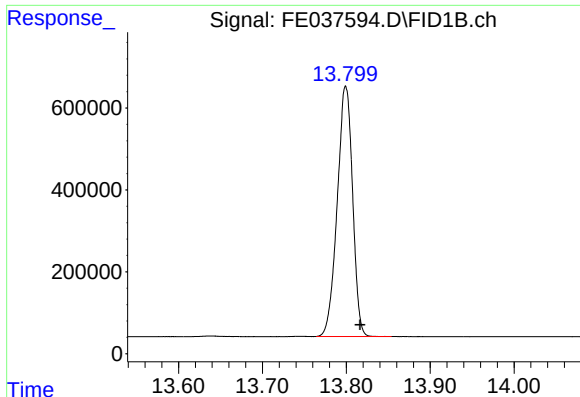
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.018 min
Response: 7940047
Conc: 50.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.020 min
Response: 5992378
Conc: 46.56 ug/ml



#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.017 min
Response: 7796960
Conc: 50.09 ug/ml

Instrument :

FID_E

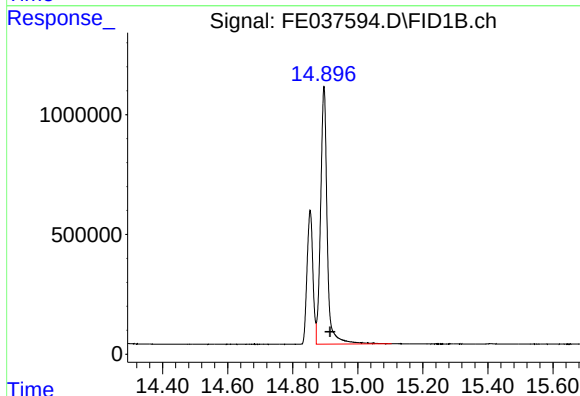
ClientSampleId :

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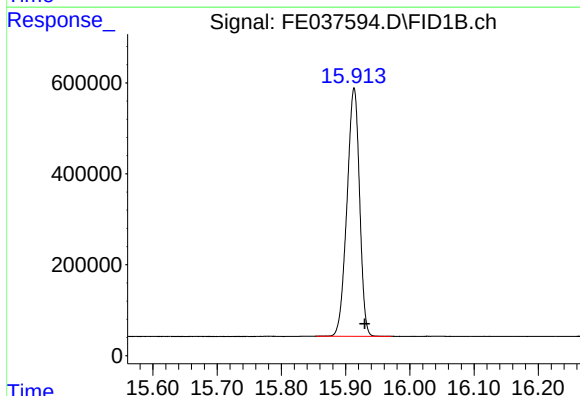
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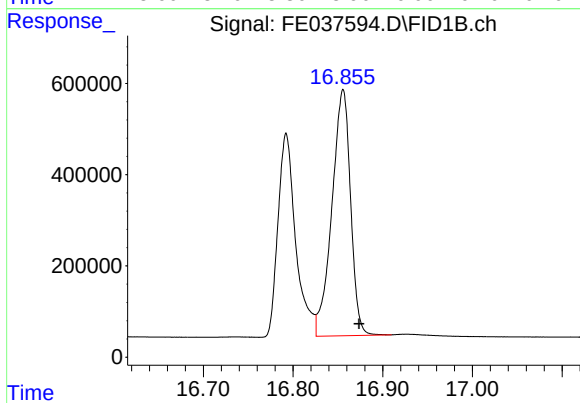
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.018 min
Response: 15133723
Conc: 100.62 ug/ml



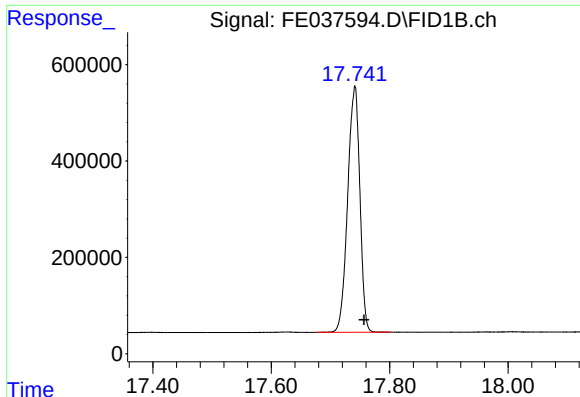
#15 n-Hexacosane (C26)

R.T.: 15.913 min
Delta R.T.: -0.016 min
Response: 7437947
Conc: 51.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.018 min
Response: 7796199
Conc: 56.27 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: -0.015 min
Response: 7291285
Conc: 53.60 ug/ml

Instrument :

FID_E

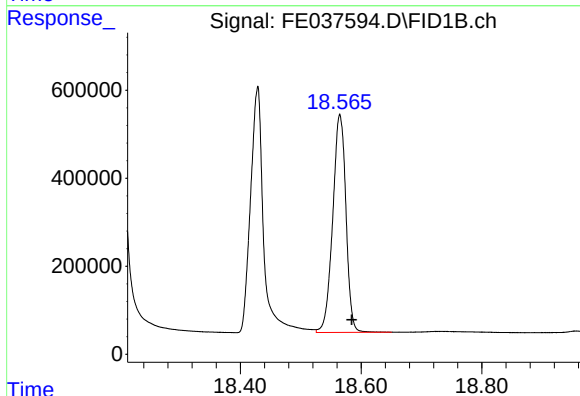
ClientSampleId :

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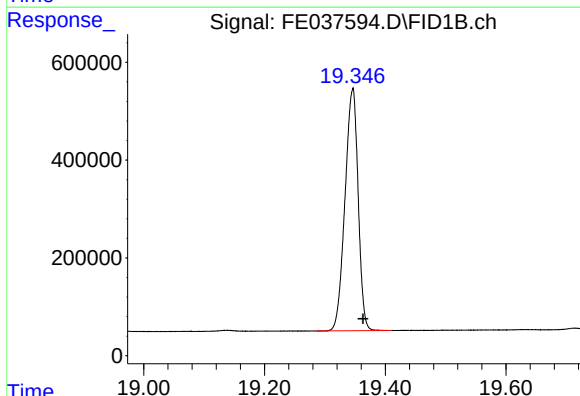
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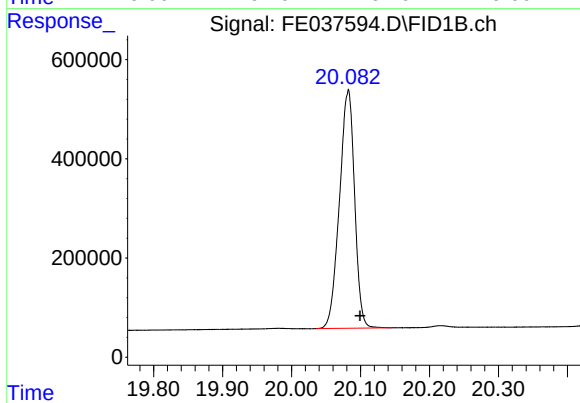
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.019 min
Response: 7525618
Conc: 56.36 ug/ml



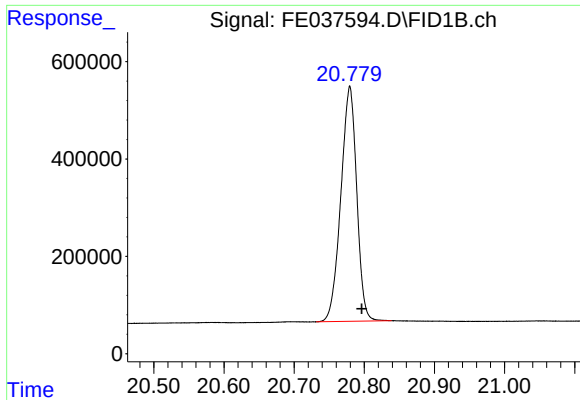
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.017 min
Response: 7500210
Conc: 59.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: -0.017 min
Response: 7345154
Conc: 57.11 ug/ml m



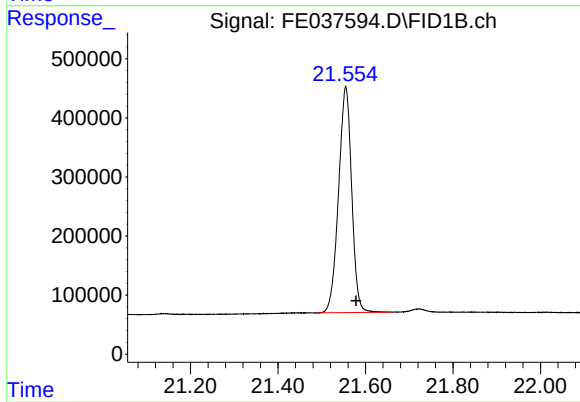
#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.017 min
Response: 7586454
Conc: 60.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.555 min
Delta R.T.: -0.023 min
Response: 7963343
Conc: 61.77 ug/ml