

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037649.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2022 11:48
 Operator : YP\AJ
 Sample : PB147222BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147222BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: autoint1.e
 Quant Time: Sep 20 04:21:47 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)	11.630	7056156	41.754 ug/ml
Spiked Amount 50.000		Recovery =	83.51%
12) S 1-chlorooctadecane (S...	13.052	5606599	43.564 ug/ml
Spiked Amount 50.000		Recovery =	87.13%
Target Compounds			
1) T n-Nonane (C9)	3.035	6195244	40.490 ug/ml
2) T n-Decane (C10)	4.287	6459886	41.899 ug/ml
3) T A~Naphthalene (C11.7)	5.995	6826841	47.385 ug/ml
4) T n-Dodecane (C12)	6.454	6997755	44.252 ug/ml
5) T A~2-methylnaphthalene...	7.087	6745341	48.314 ug/ml
6) T n-Tetradecane (C14)	9.872	7031070	44.373 ug/ml
7) T n-Hexadecane (C16)	9.872	7031070	44.373 ug/ml
8) T n-Octadecane (C18)	11.308	6999147	43.953 ug/ml
10) T n-Eicosane (C20)	12.610	6667942	42.143 ug/ml
11) T n-Heneicosane (C21)	13.218	6554542	41.566 ug/ml
13) T n-Docosane (C22)	13.801	6430560	41.309 ug/ml
14) T n-Tetracosane (C24)	14.898	12468367	82.899 ug/ml
15) T n-Hexacosane (C26)	15.916	6040505	41.715 ug/ml
16) T n-Octacosane (C28)	16.857	6257864	45.171 ug/ml
17) T n-Tricontane (C30)	17.744	5862245	43.095 ug/ml
18) T n-Dotriacontane (C32)	18.570	5991726	44.871 ug/ml
19) T n-Tetratriacontane (C34)	19.350	5847889	46.218 ug/ml
20) T n-Hexatriacontane (C36)	20.084	5529443	42.993 ug/mlm
21) T n-Octatriacontane (C38)	20.782	5607229	45.053 ug/mlm
22) T n-Tetracontane (C40)	21.559	6014189	46.652 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

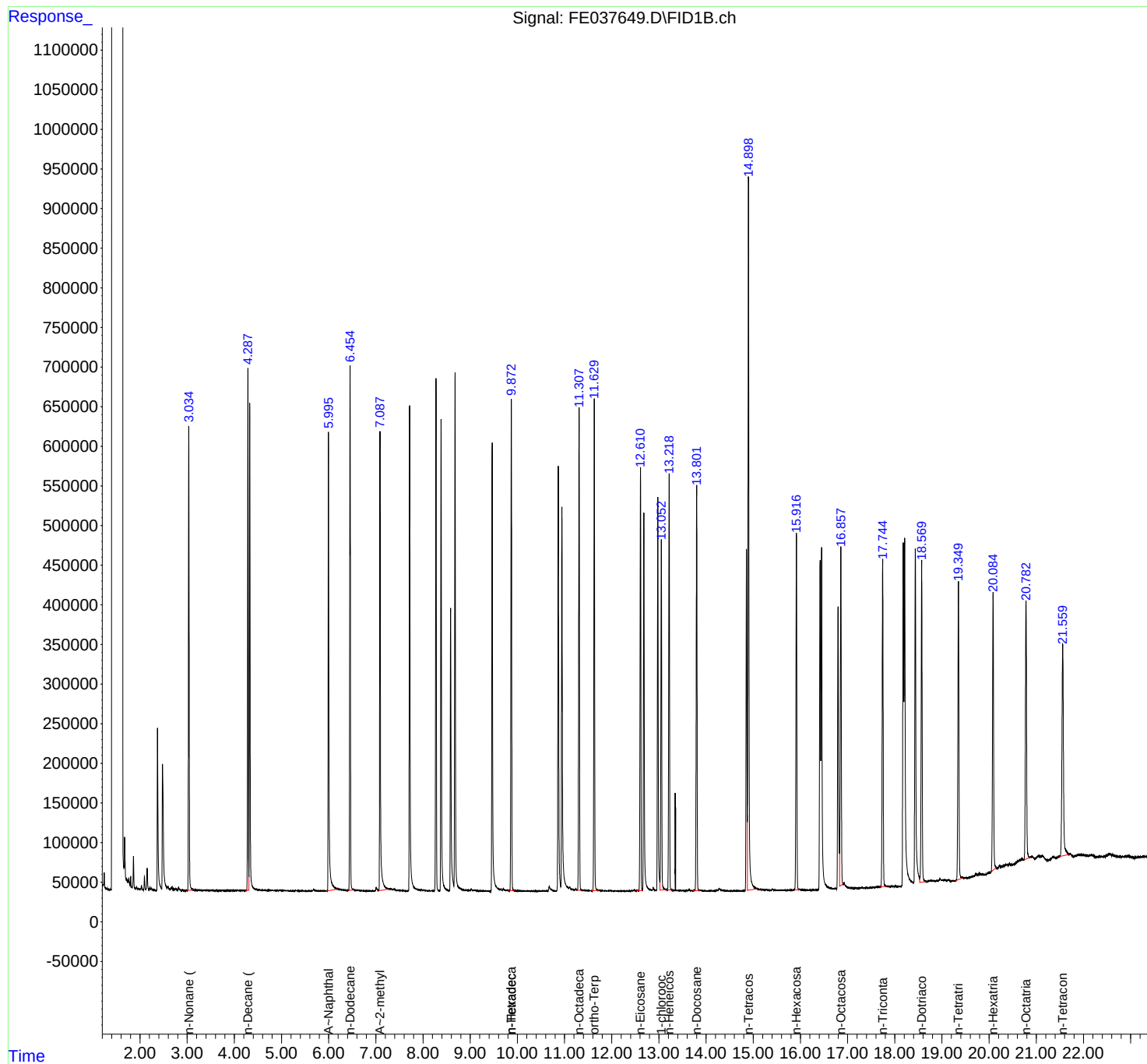
Instrument :
FID_E
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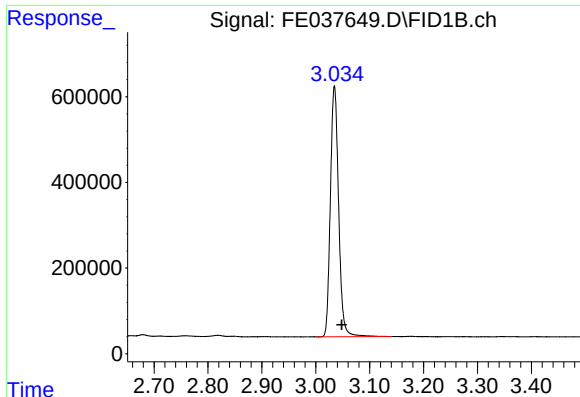
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#1 n-Nonane (C9)

R.T.: 3.035 min
Delta R.T.: -0.013 min
Response: 6195244
Conc: 40.49 ug/ml

Instrument :

FID_E

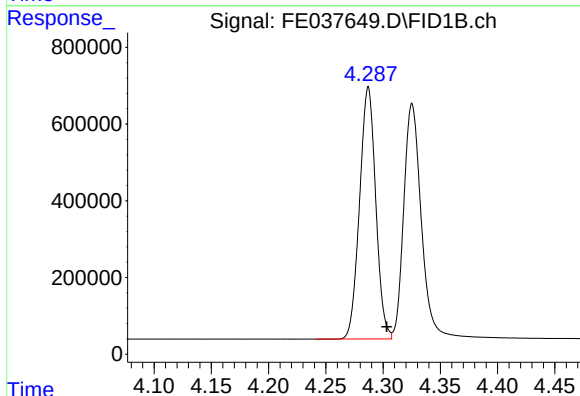
ClientSampleId :

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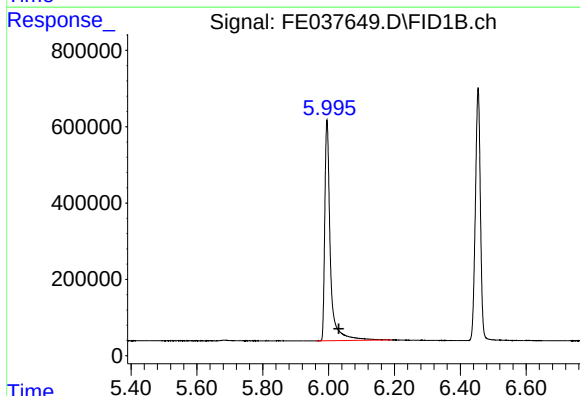
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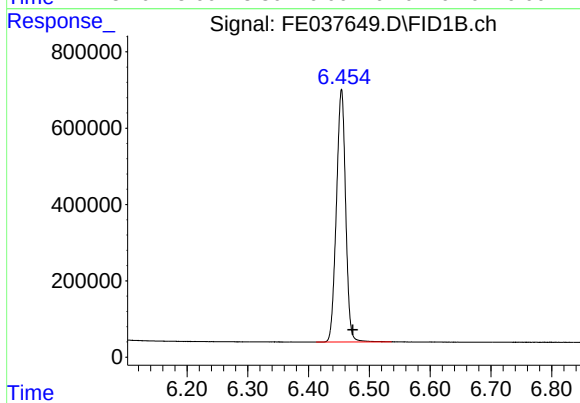
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.016 min
Response: 6459886
Conc: 41.90 ug/ml



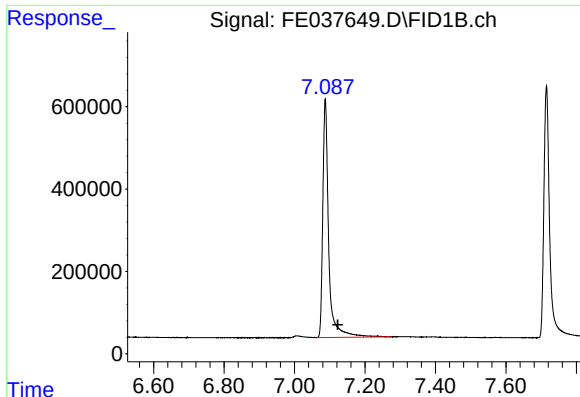
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.035 min
Response: 6826841
Conc: 47.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: -0.018 min
Response: 6997755
Conc: 44.25 ug/ml



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

R.T.: 7.087 min
Delta R.T.: -0.036 min
Response: 6745341
Conc: 48.31 ug/ml

Instrument :

FID_E

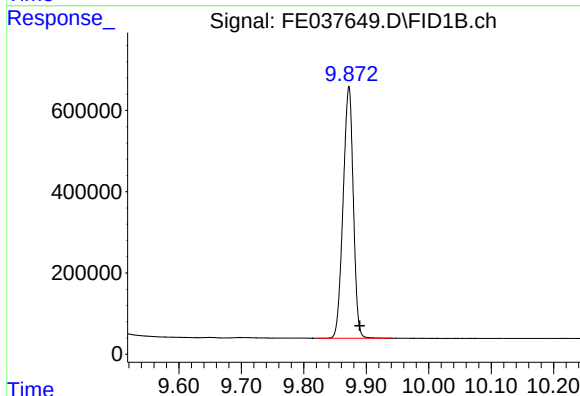
ClientSampleId :

PB147222BSD

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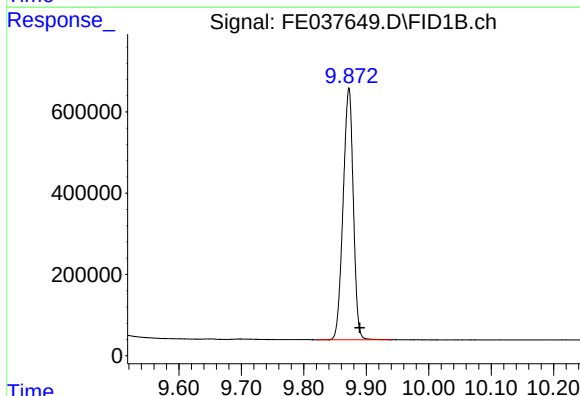
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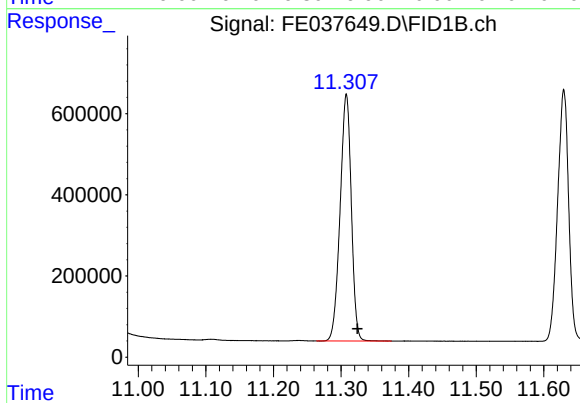
#6 n-Tetradecane (C14)

R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 7031070
Conc: 44.37 ug/ml



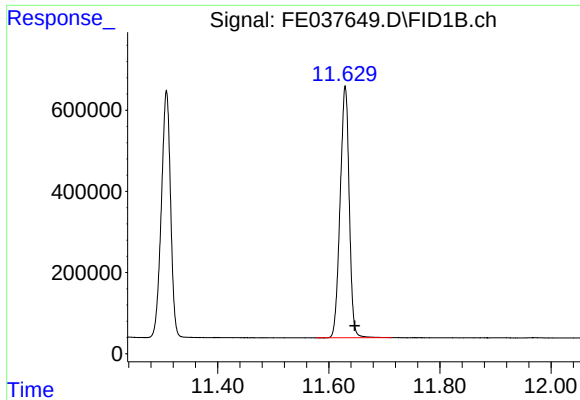
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 7031070
Conc: 44.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.016 min
Response: 6999147
Conc: 43.95 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.630 min
Delta R.T.: -0.017 min
Response: 7056156
Conc: 41.75 ug/ml

Instrument :

FID_E

ClientSampleId :

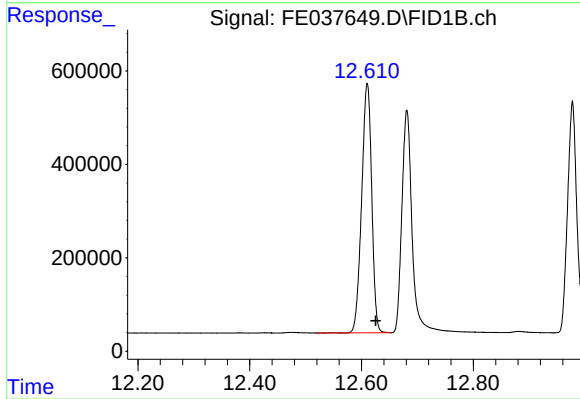
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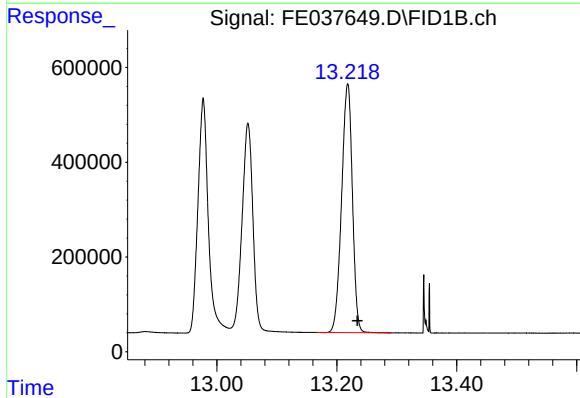
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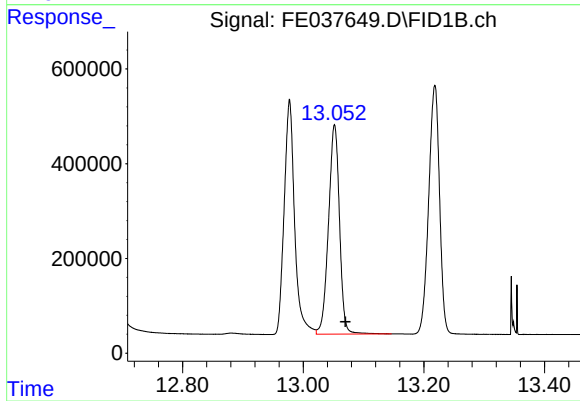
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.015 min
Response: 6667942
Conc: 42.14 ug/ml



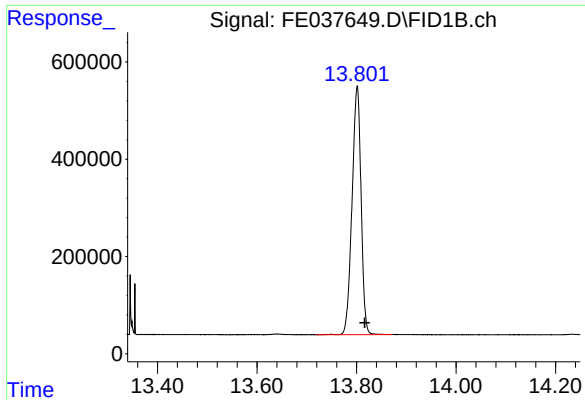
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.016 min
Response: 6554542
Conc: 41.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.018 min
Response: 5606599
Conc: 43.56 ug/ml



#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.015 min
Response: 6430560
Conc: 41.31 ug/ml

Instrument :

FID_E

ClientSampleId :

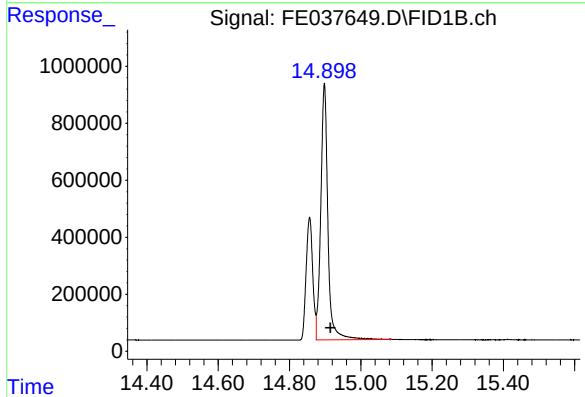
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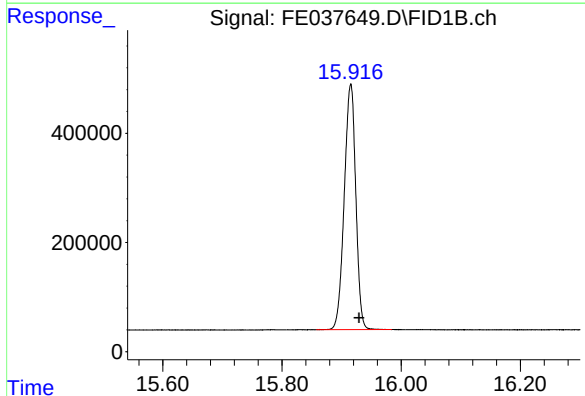
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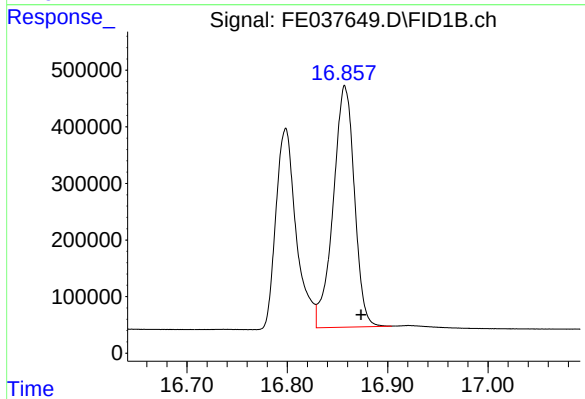
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.017 min
Response: 12468367
Conc: 82.90 ug/ml



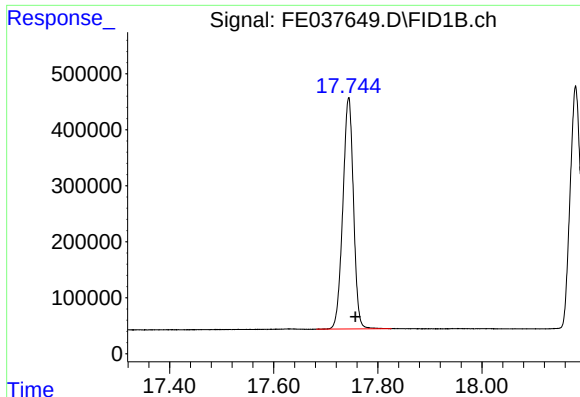
#15 n-Hexacosane (C26)

R.T.: 15.916 min
Delta R.T.: -0.014 min
Response: 6040505
Conc: 41.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.016 min
Response: 6257864
Conc: 45.17 ug/ml



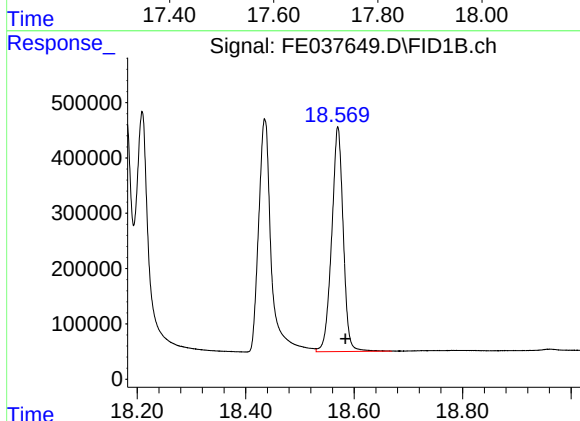
#17 n-Tricontane (C30)

R.T.: 17.744 min
Delta R.T.: -0.013 min
Response: 5862245
Conc: 43.09 ug/ml

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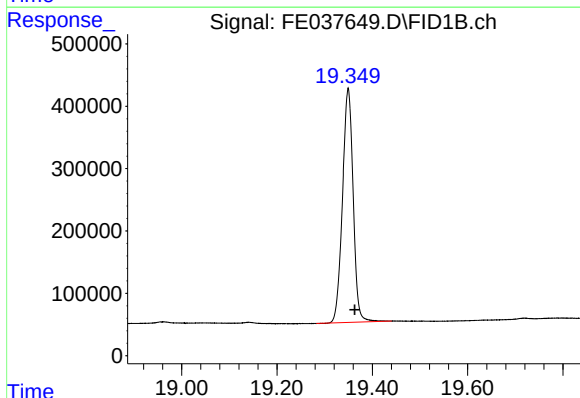
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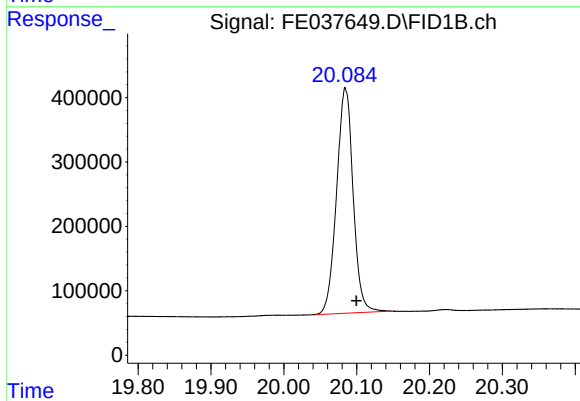
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.014 min
Response: 5991726
Conc: 44.87 ug/ml



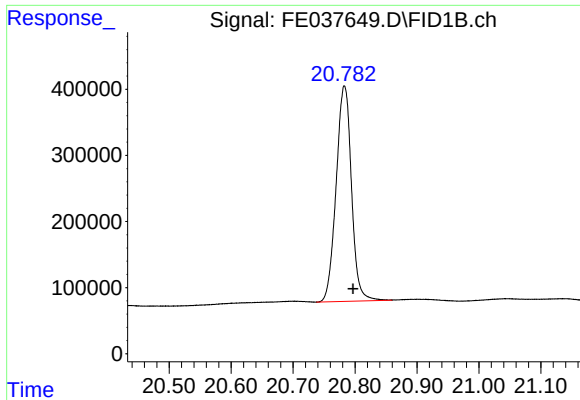
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.014 min
Response: 5847889
Conc: 46.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: -0.016 min
Response: 5529443
Conc: 42.99 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.015 min
Response: 5607229
Conc: 45.05 ug/ml

Instrument :

FID_E

ClientSampleId :

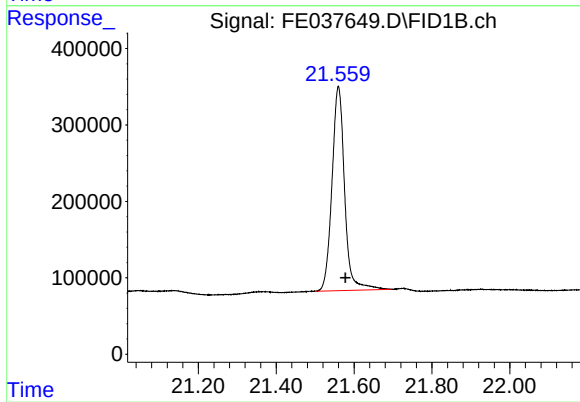
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#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: -0.019 min
Response: 6014189
Conc: 46.65 ug/ml m