

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082522AL\
 Data File : FE037257.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 15:47
 Operator : YP\AJ
 Sample : PB147285BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147285BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2022
 Supervised By :Ankita Jodhani 08/26/2022

Integration File: autoint1.e
 Quant Time: Aug 26 04:10:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 01:38:38 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)	11.667	7608892	44.027 ug/ml
Spiked Amount 50.000		Recovery =	88.05%
12) S 1-chlorooctadecane (S...	13.087	6135450	44.906 ug/ml
Spiked Amount 50.000		Recovery =	89.81%
Target Compounds			
1) T n-Nonane (C9)	3.066	5109653	34.298 ug/ml
2) T n-Decane (C10)	4.360	5470866	36.523 ug/ml
3) T A~Naphthalene (C11.7)	6.029	5840997	40.348 ug/ml
4) T n-Dodecane (C12)	6.485	6151298	39.791 ug/ml
5) T A~2-methylnaphthalene...	7.122	6120574	44.243 ug/ml
6) T n-Tetradecane (C14)	9.905	7198251	45.766 ug/ml
7) T n-Hexadecane (C16)	9.905	7198251	45.766 ug/ml
8) T n-Octadecane (C18)	11.342	7355541	45.641 ug/ml
10) T n-Eicosane (C20)	12.644	7143265	43.384 ug/ml
11) T n-Heneicosane (C21)	13.253	7048996	42.615 ug/ml
13) T n-Docosane (C22)	13.836	6936195	41.754 ug/ml
14) T n-Tetracosane (C24)	14.933	12895547	78.117 ug/ml
15) T n-Hexacosane (C26)	15.951	6402174	39.266 ug/ml
16) T n-Octacosane (C28)	16.894	6418606	40.424 ug/ml
17) T n-Tricontane (C30)	17.778	5998113	38.619 ug/ml
18) T n-Dotriacontane (C32)	18.605	5951134	39.897 ug/ml
19) T n-Tetratriacontane (C34)	19.385	6029156	44.872 ug/mlm
20) T n-Hexatriacontane (C36)	20.121	5826620	45.386 ug/ml
21) T n-Octatriacontane (C38)	20.821	5858651	48.803 ug/ml
22) T n-Tetracontane (C40)	21.613	6361808	52.674 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147285BS
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ALS Vial : 8 Sample Multiplier: 1

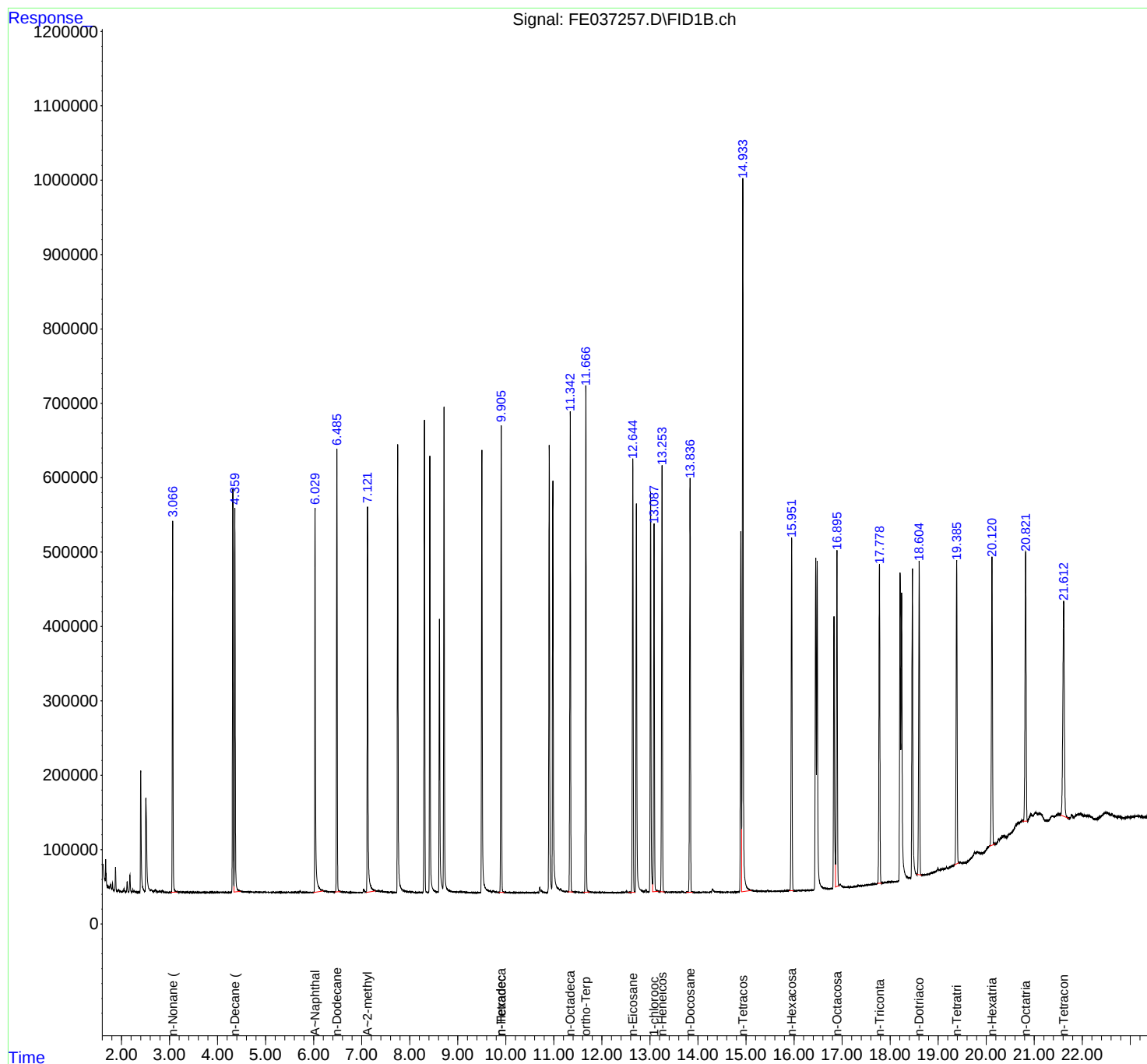
Instrument :
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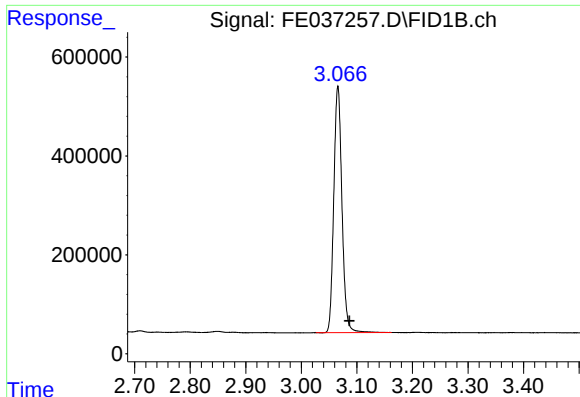
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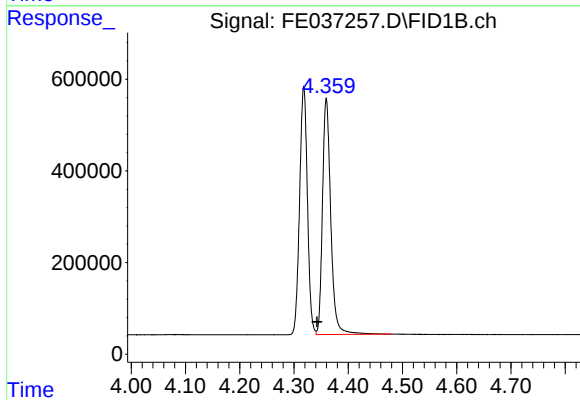
#1 n-Nonane (C9)

R.T.: 3.066 min
Delta R.T.: -0.021 min
Response: 5109653
Conc: 34.30 ug/ml

Instrument :
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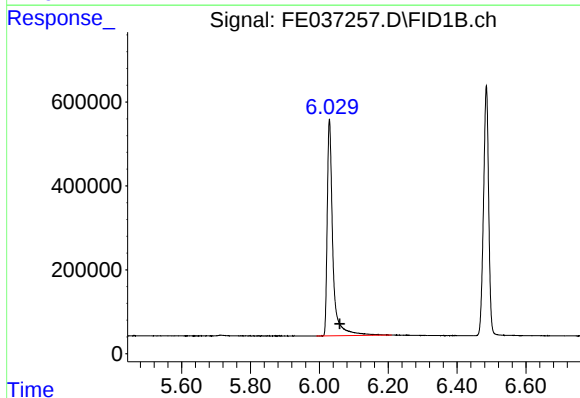
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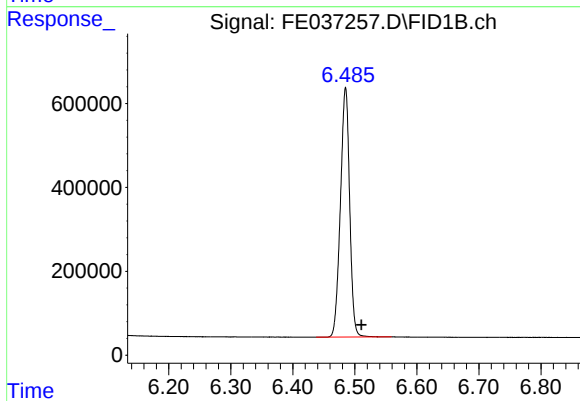
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.017 min
Response: 5470866
Conc: 36.52 ug/ml



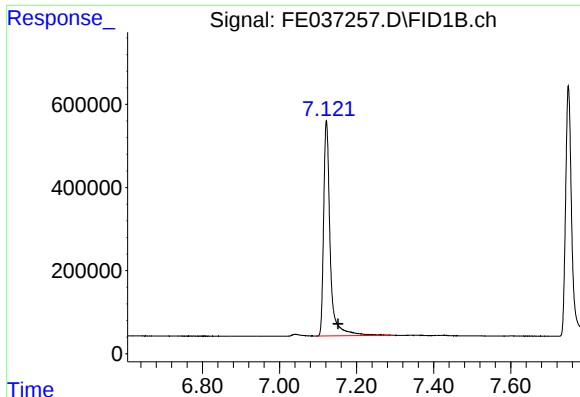
#3 A~Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: -0.030 min
Response: 5840997
Conc: 40.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: -0.025 min
Response: 6151298
Conc: 39.79 ug/ml



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

R.T.: 7.122 min
Delta R.T.: -0.030 min
Response: 6120574
Conc: 44.24 ug/ml

Instrument :

FID_E

ClientSampleId :

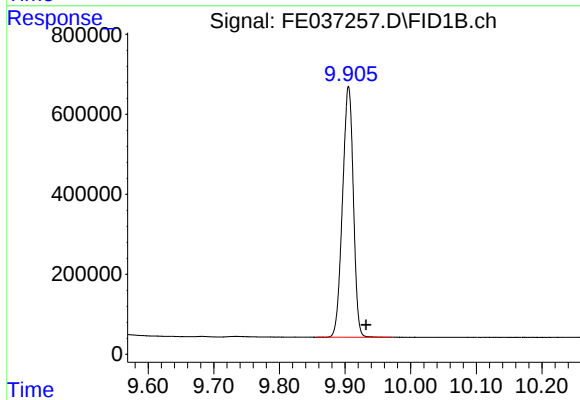
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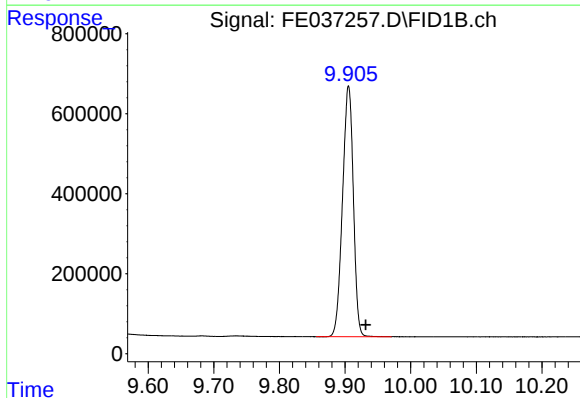
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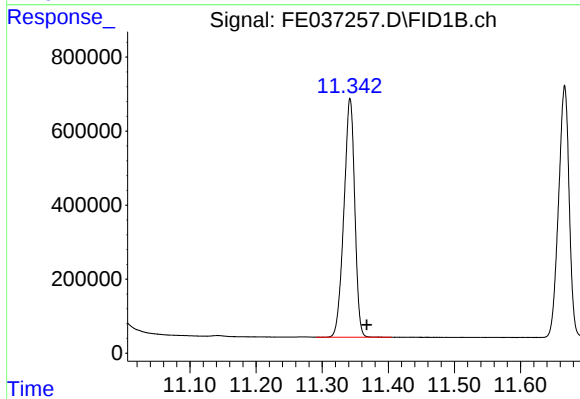
#6 n-Tetradecane (C14)

R.T.: 9.905 min
Delta R.T.: -0.027 min
Response: 7198251
Conc: 45.77 ug/ml



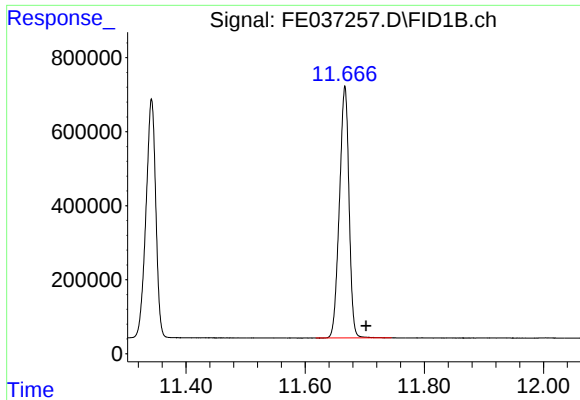
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: -0.026 min
Response: 7198251
Conc: 45.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.342 min
Delta R.T.: -0.025 min
Response: 7355541
Conc: 45.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.667 min
Delta R.T.: -0.035 min
Response: 7608892
Conc: 44.03 ug/ml

Instrument :

FID_E

ClientSampleId :

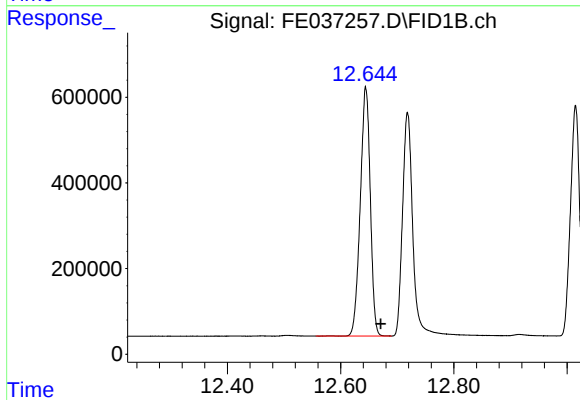
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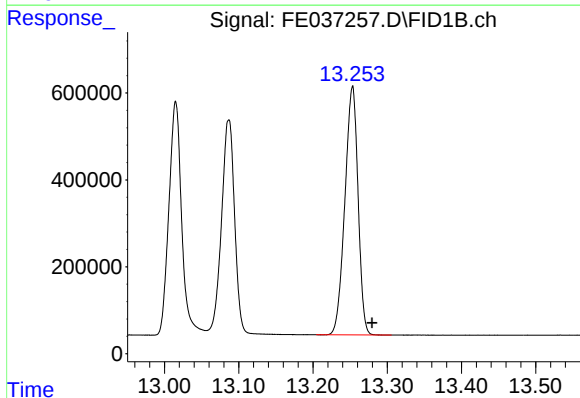
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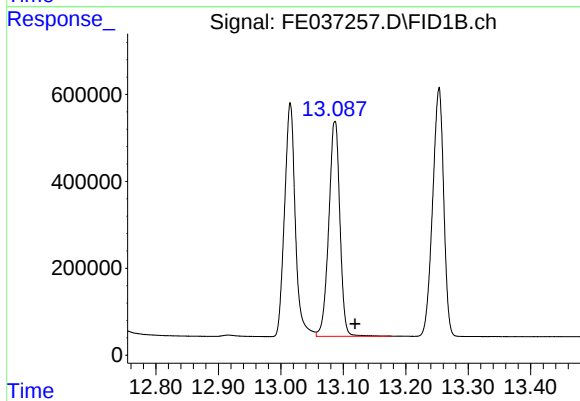
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: -0.026 min
Response: 7143265
Conc: 43.38 ug/ml



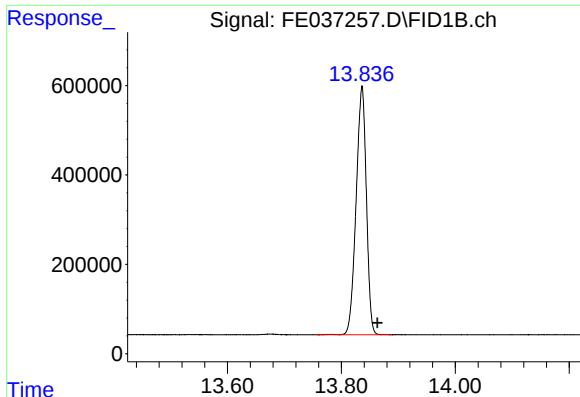
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: -0.026 min
Response: 7048996
Conc: 42.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.087 min
Delta R.T.: -0.032 min
Response: 6135450
Conc: 44.91 ug/ml



#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: -0.027 min
Response: 6936195
Conc: 41.75 ug/ml

Instrument :

FID_E

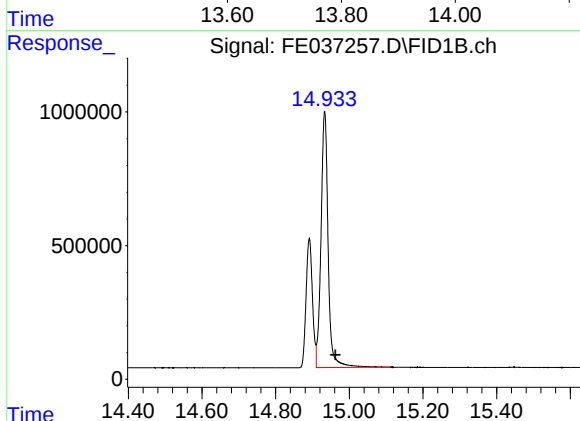
ClientSampleId :

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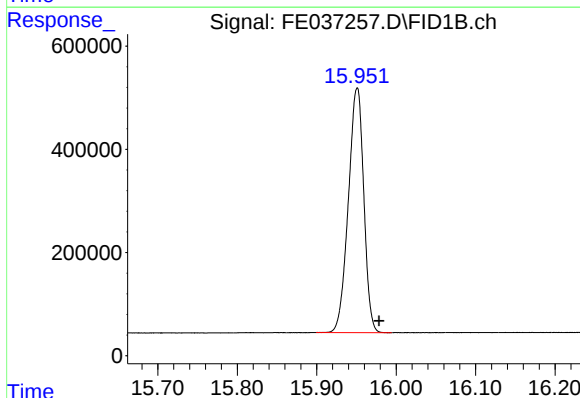
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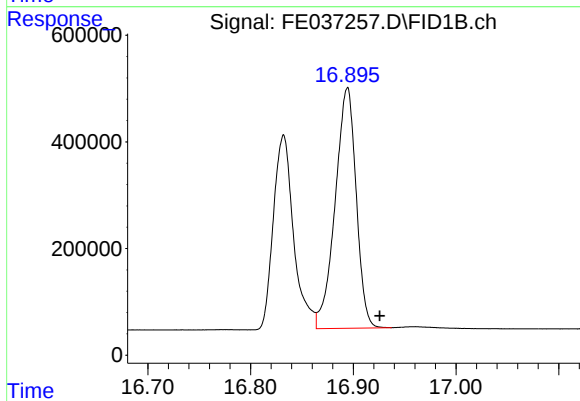
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.029 min
Response: 12895547
Conc: 78.12 ug/ml



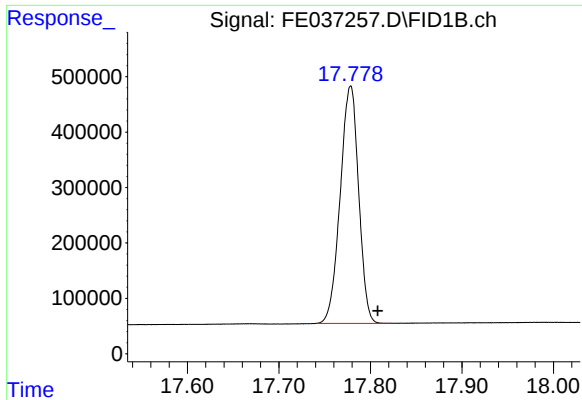
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: -0.028 min
Response: 6402174
Conc: 39.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.894 min
Delta R.T.: -0.031 min
Response: 6418606
Conc: 40.42 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.778 min
Delta R.T.: -0.030 min
Response: 5998113
Conc: 38.62 ug/ml

Instrument :

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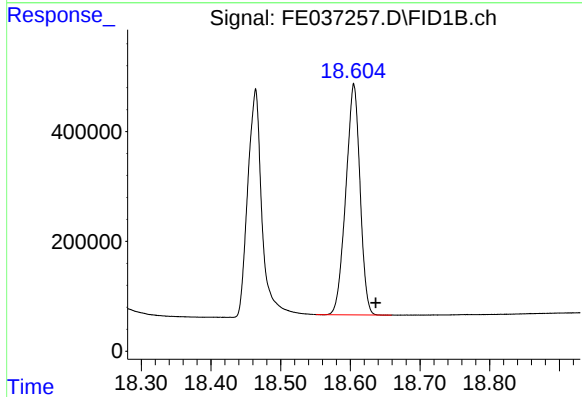
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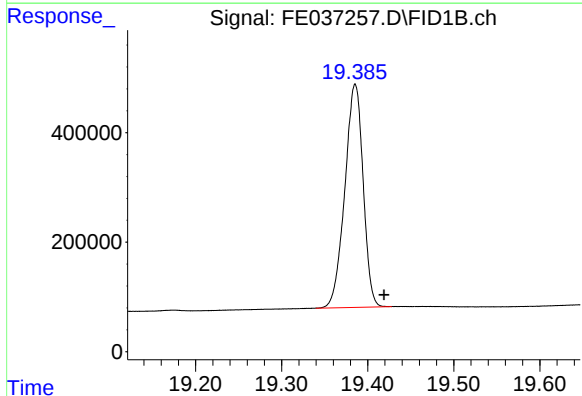
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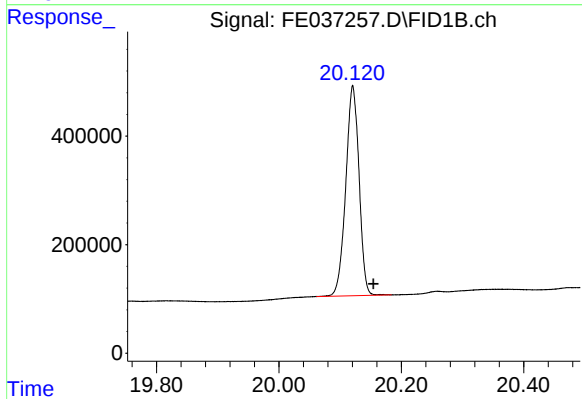
#18 n-Dotriacontane (C32)

R.T.: 18.605 min
Delta R.T.: -0.032 min
Response: 5951134
Conc: 39.90 ug/ml



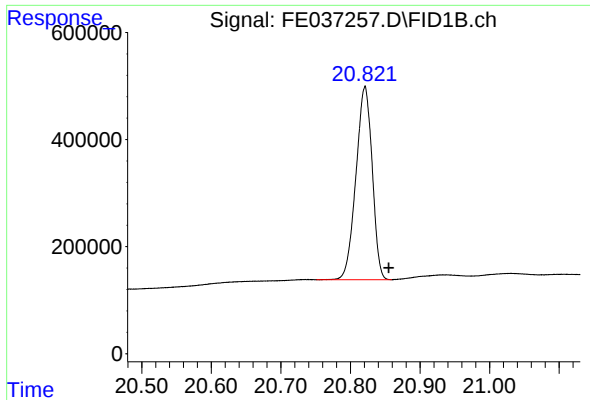
#19 n-Tetratriacontane (C34)

R.T.: 19.385 min
Delta R.T.: -0.034 min
Response: 6029156
Conc: 44.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.121 min
Delta R.T.: -0.034 min
Response: 5826620
Conc: 45.39 ug/ml



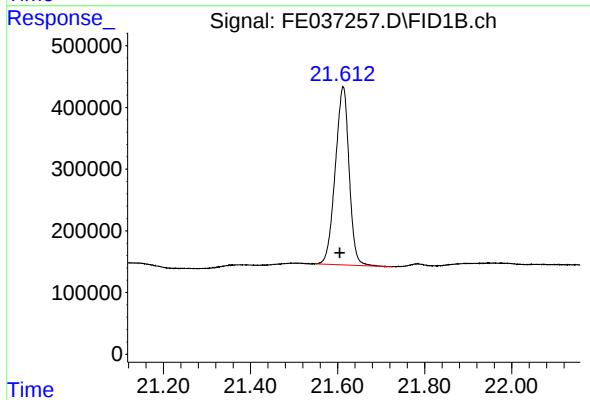
#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: -0.034 min
Response: 5858651
Conc: 48.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: 0.008 min
Response: 6361808
Conc: 52.67 ug/ml