

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037385.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 17:09
 Operator : YP\AJ
 Sample : N4468-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 T-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:20:43 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)	11.640	4589120	27.156 ug/ml
Spiked Amount 50.000		Recovery =	54.31%
12) S 1-chlorooctadecane (S...	13.061	3631636	28.218 ug/ml
Spiked Amount 50.000		Recovery =	56.44%
Target Compounds			
1) T n-Nonane (C9)	3.058	6544174	42.771 ug/ml
2) T n-Decane (C10)	4.305	6734604	43.681 ug/ml
3) T A~Naphthalene (C11.7)	6.012	7012747	48.676 ug/ml
4) T n-Dodecane (C12)	6.467	7182535	45.421 ug/ml
5) T A~2-methylnaphthalene...	7.103	6703321	48.013 ug/ml
6) T n-Tetradecane (C14)	9.884	7175443	45.284 ug/ml
7) T n-Hexadecane (C16)	9.884	7175443	45.284 ug/ml
8) T n-Octadecane (C18)	11.319	7191395	45.160 ug/ml
10) T n-Eicosane (C20)	12.621	7063191	44.641 ug/ml
11) T n-Heneicosane (C21)	13.228	6861737	43.514 ug/ml
13) T n-Docosane (C22)	13.812	6875389	44.167 ug/ml
14) T n-Tetracosane (C24)	14.907	13314375	88.524 ug/ml
15) T n-Hexacosane (C26)	15.925	6525074	45.062 ug/ml
16) T n-Octacosane (C28)	16.868	6807973	49.142 ug/ml
17) T n-Tricontane (C30)	17.753	6269497	46.088 ug/ml
18) T n-Dotriacontane (C32)	18.579	6307914	47.239 ug/ml
19) T n-Tetratriacontane (C34)	19.357	6266889	49.530 ug/ml
20) T n-Hexatriacontane (C36)	20.093	6167602	47.954 ug/mlm
21) T n-Octatriacontane (C38)	20.789	6034171	48.483 ug/ml
22) T n-Tetracontane (C40)	21.569	6362359	49.353 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

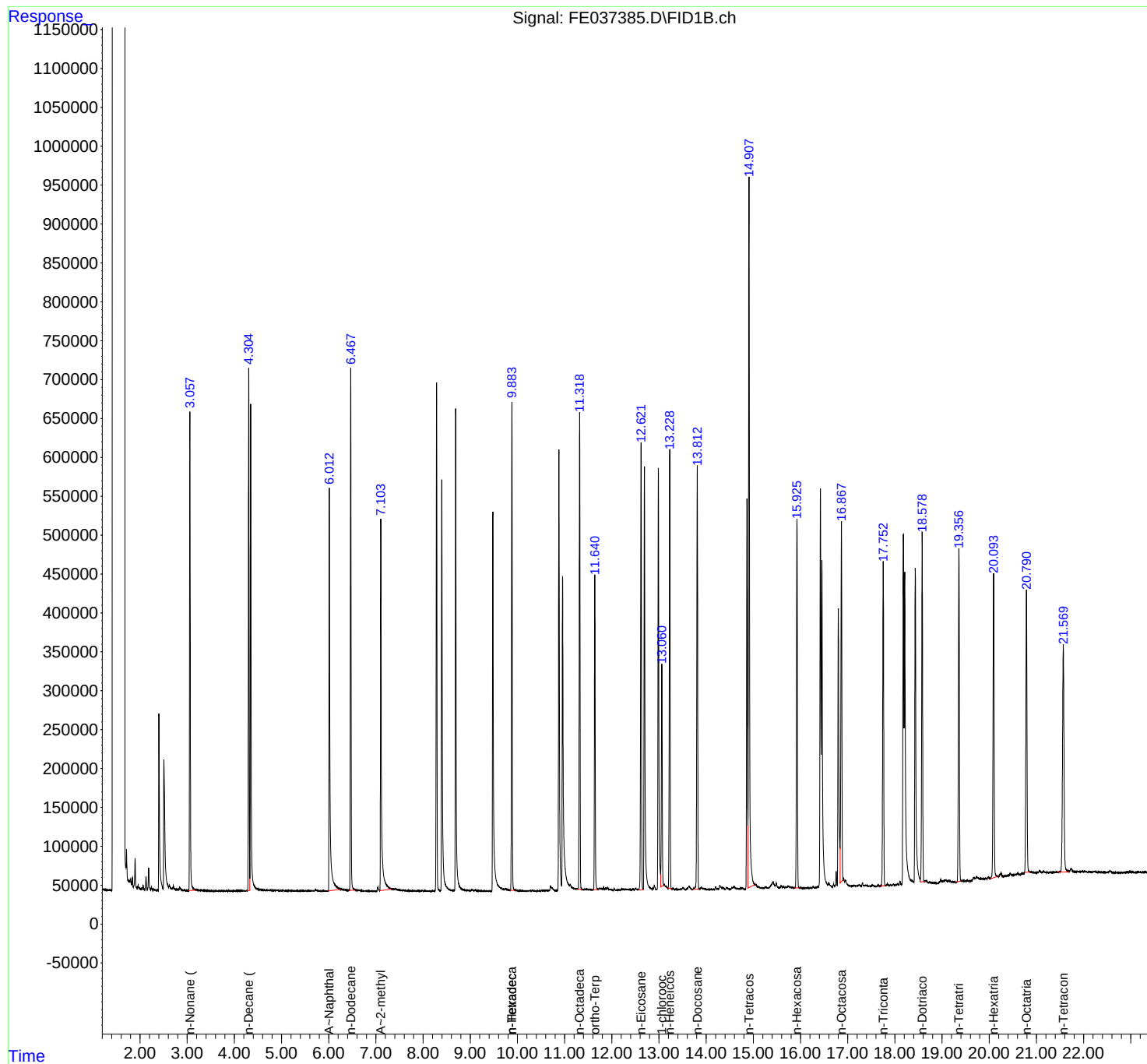
Instrument :
FID_E
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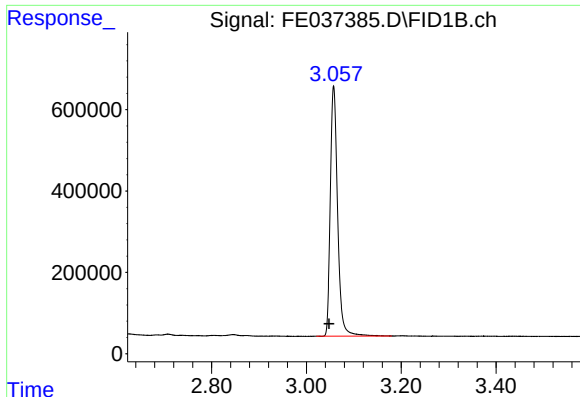
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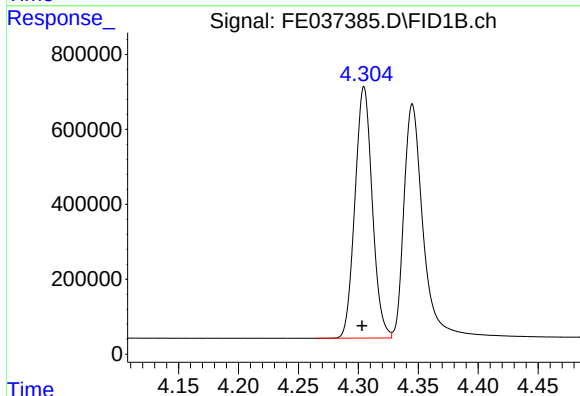
#1 n-Nonane (C9)

R.T.: 3.058 min
Delta R.T.: 0.010 min
Response: 6544174
Conc: 42.77 ug/ml

Instrument :
FID_E
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T-1MS

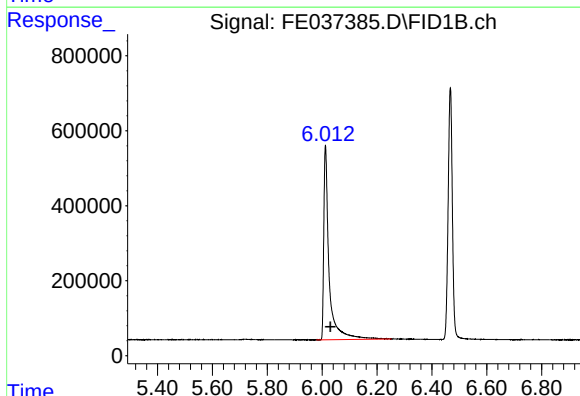
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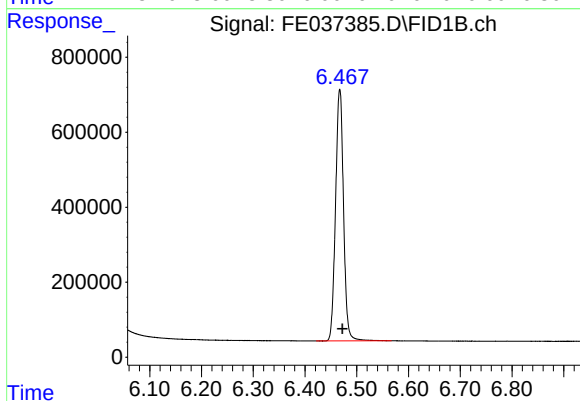
#2 n-Decane (C10)

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 6734604
Conc: 43.68 ug/ml



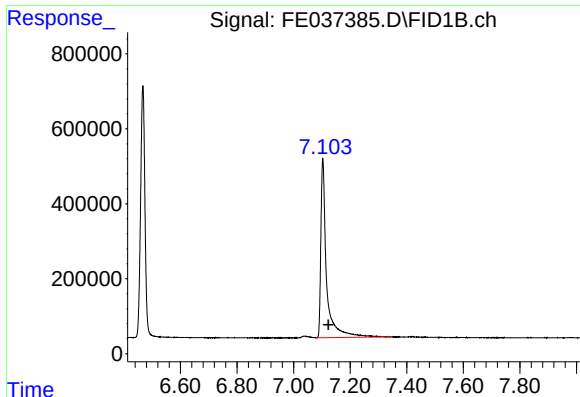
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.019 min
Response: 7012747
Conc: 48.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 7182535
Conc: 45.42 ug/ml



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

R.T.: 7.103 min
Delta R.T.: -0.020 min
Response: 6703321
Conc: 48.01 ug/ml

Instrument :

FID_E

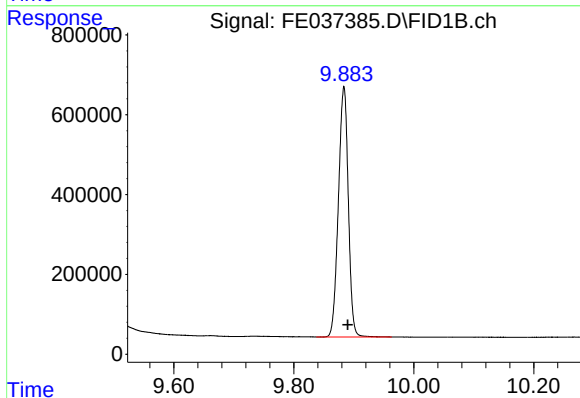
ClientSampleId :

T-1MS

Manual Integrations

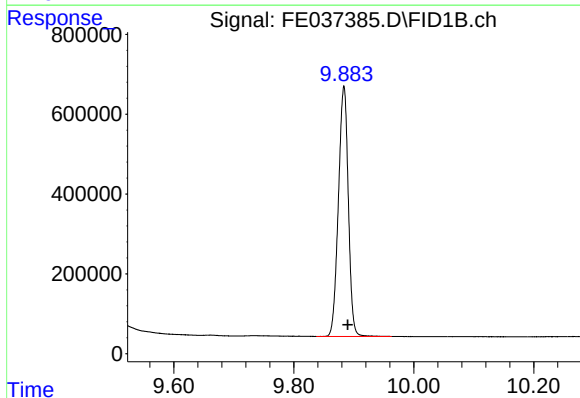
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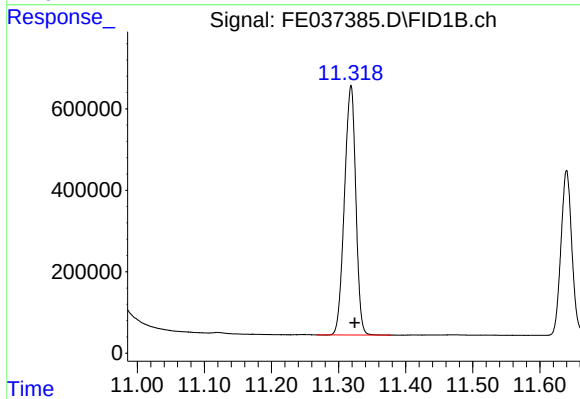
#6 n-Tetradecane (C14)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 7175443
Conc: 45.28 ug/ml



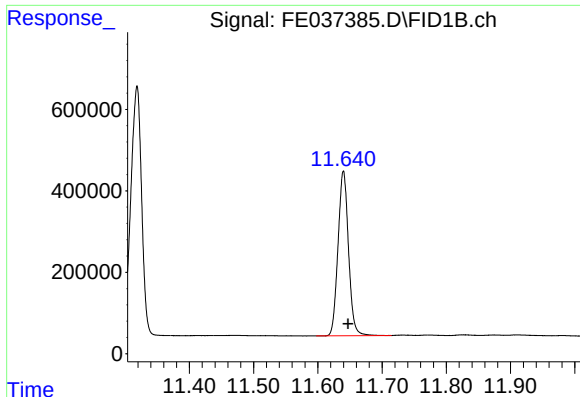
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 7175443
Conc: 45.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.006 min
Response: 7191395
Conc: 45.16 ug/ml



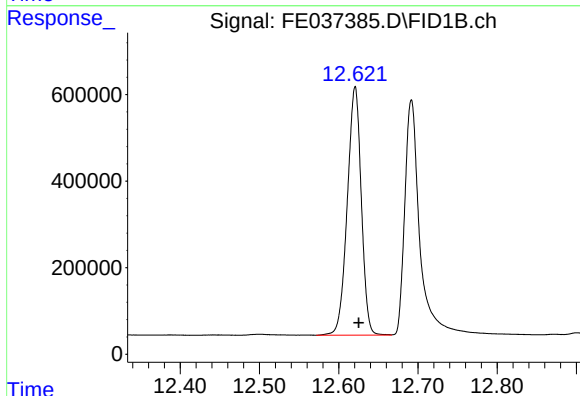
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.007 min
Response: 4589120
Conc: 27.16 ug/ml

Instrument :
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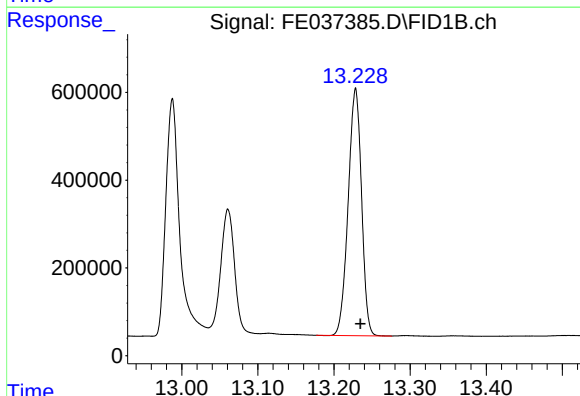
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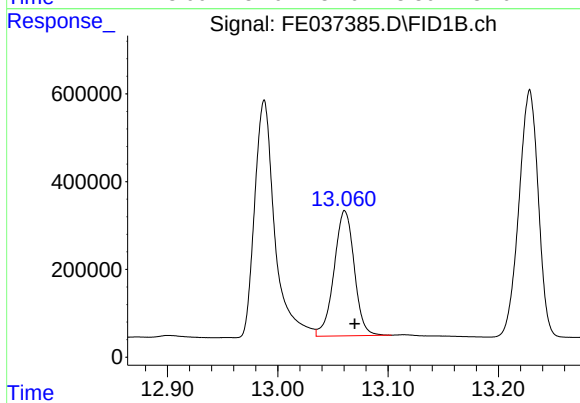
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.005 min
Response: 7063191
Conc: 44.64 ug/ml



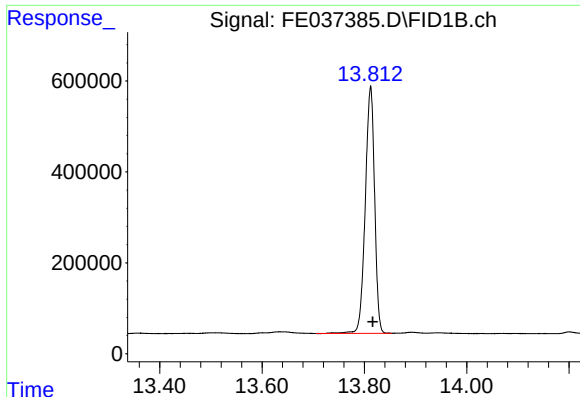
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.006 min
Response: 6861737
Conc: 43.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.061 min
Delta R.T.: -0.009 min
Response: 3631636
Conc: 28.22 ug/ml



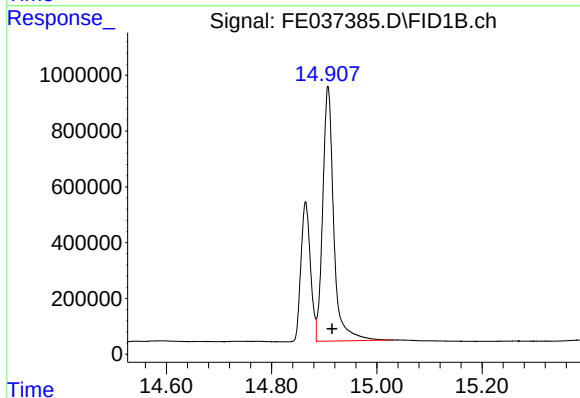
#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.004 min
Response: 6875389
Conc: 44.17 ug/ml

Instrument :
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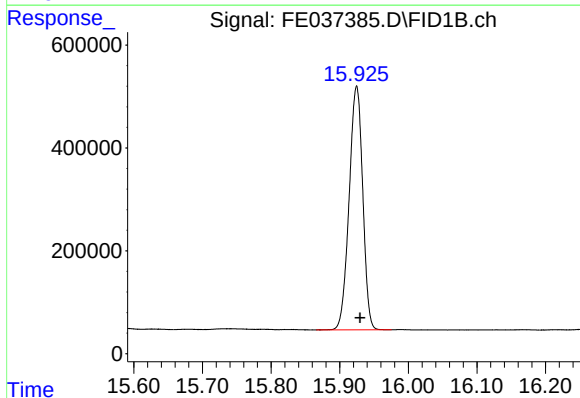
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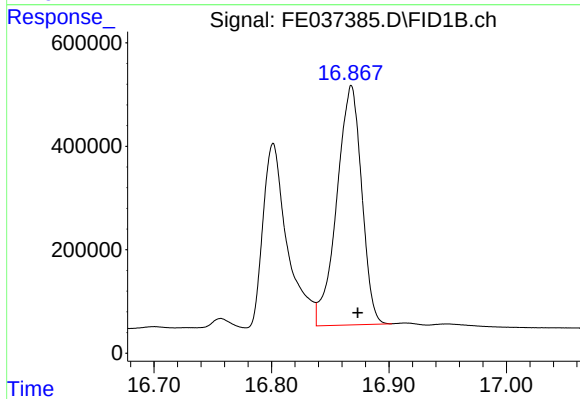
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.007 min
Response: 13314375
Conc: 88.52 ug/ml



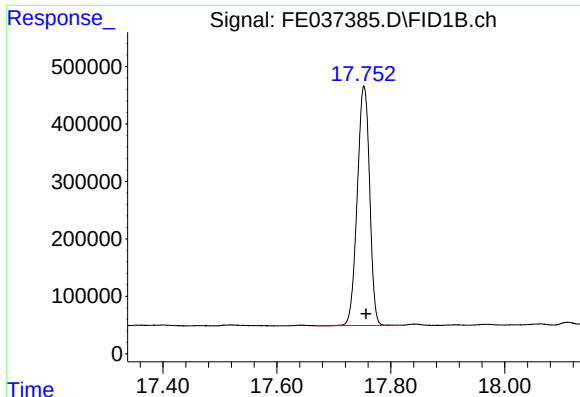
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.005 min
Response: 6525074
Conc: 45.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: -0.006 min
Response: 6807973
Conc: 49.14 ug/ml



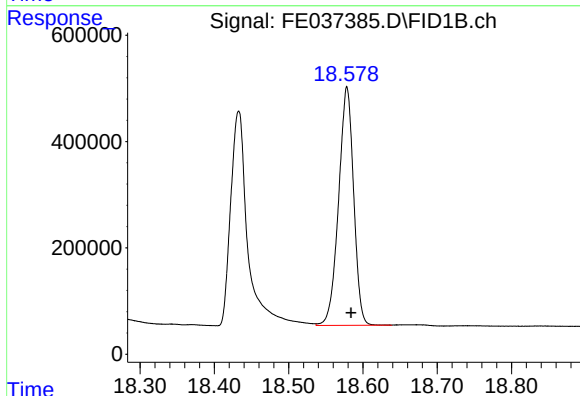
#17 n-Tricontane (C30)

R.T.: 17.753 min
Delta R.T.: -0.004 min
Response: 6269497
Conc: 46.09 ug/ml

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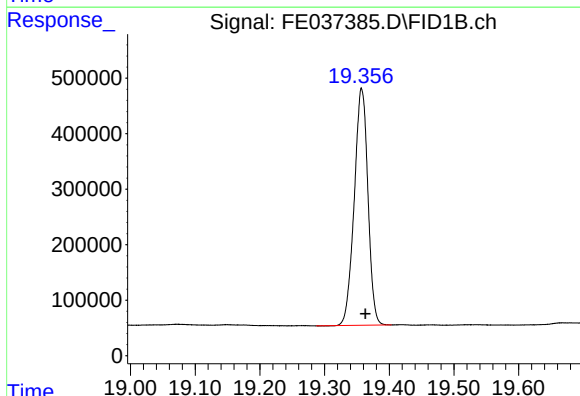
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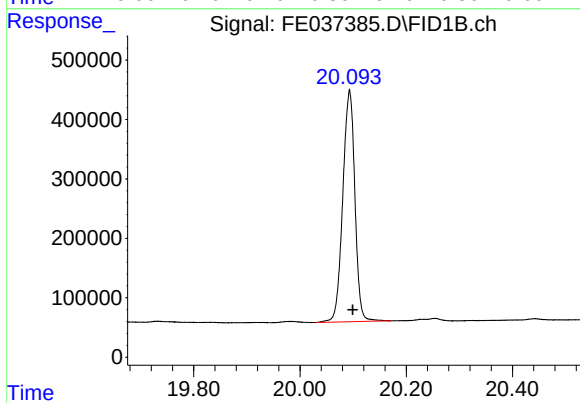
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.006 min
Response: 6307914
Conc: 47.24 ug/ml



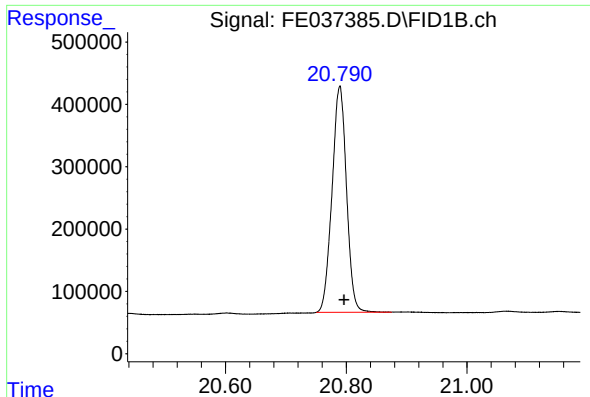
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.006 min
Response: 6266889
Conc: 49.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.006 min
Response: 6167602
Conc: 47.95 ug/ml m



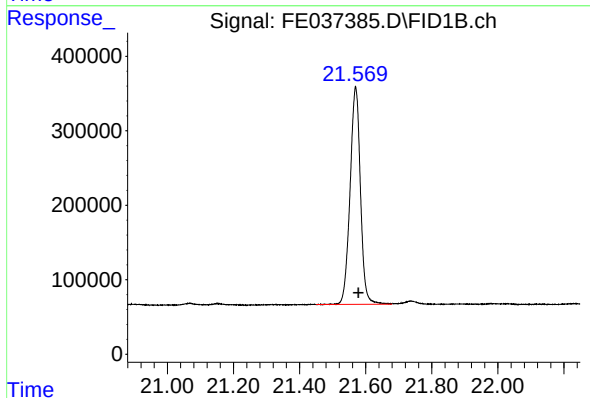
#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.007 min
Response: 6034171
Conc: 48.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.009 min
Response: 6362359
Conc: 49.35 ug/ml