

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090822AL\
 Data File : FE037462.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2022 13:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Sep 09 08:17:00 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)	11.646	3089216	18.280 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	13.070	2383513	18.520 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T n-Nonane (C9)	3.037	2875011	18.790 ug/ml
2) T n-Decane (C10)	4.295	2981436	19.338 ug/ml
3) T A~Naphthalene (C11.7)	6.011	2971036	20.622 ug/ml
4) T n-Dodecane (C12)	6.467	3047270	19.270 ug/ml
5) T A~2-methylnaphthalene...	7.103	2911963	20.857 ug/ml
6) T n-Tetradecane (C14)	9.887	3025256	19.092 ug/ml
7) T n-Hexadecane (C16)	9.887	3025256	19.092 ug/ml
8) T n-Octadecane (C18)	11.324	2990677	18.781 ug/ml
10) T n-Eicosane (C20)	12.626	2911552	18.402 ug/ml
11) T n-Heneicosane (C21)	13.235	2870968	18.206 ug/ml
13) T n-Docosane (C22)	13.819	2826149	18.155 ug/ml
14) T n-Tetracosane (C24)	14.917	2736112	18.192 ug/ml
15) T n-Hexacosane (C26)	15.933	2661708	18.382 ug/ml
16) T n-Octacosane (C28)	16.879	2641027	19.064 ug/ml
17) T n-Tricontane (C30)	17.762	2810173	20.658 ug/ml
18) T n-Dotriacontane (C32)	18.591	2880374	21.571 ug/mlm
19) T n-Tetratriacontane (C34)	19.371	2774934	21.931 ug/mlm
20) T n-Hexatriacontane (C36)	20.109	2784698	21.652 ug/mlm
21) T n-Octatriacontane (C38)	20.806	3059275	24.580 ug/mlm
22) T n-Tetracontane (C40)	21.592	2729080	21.170 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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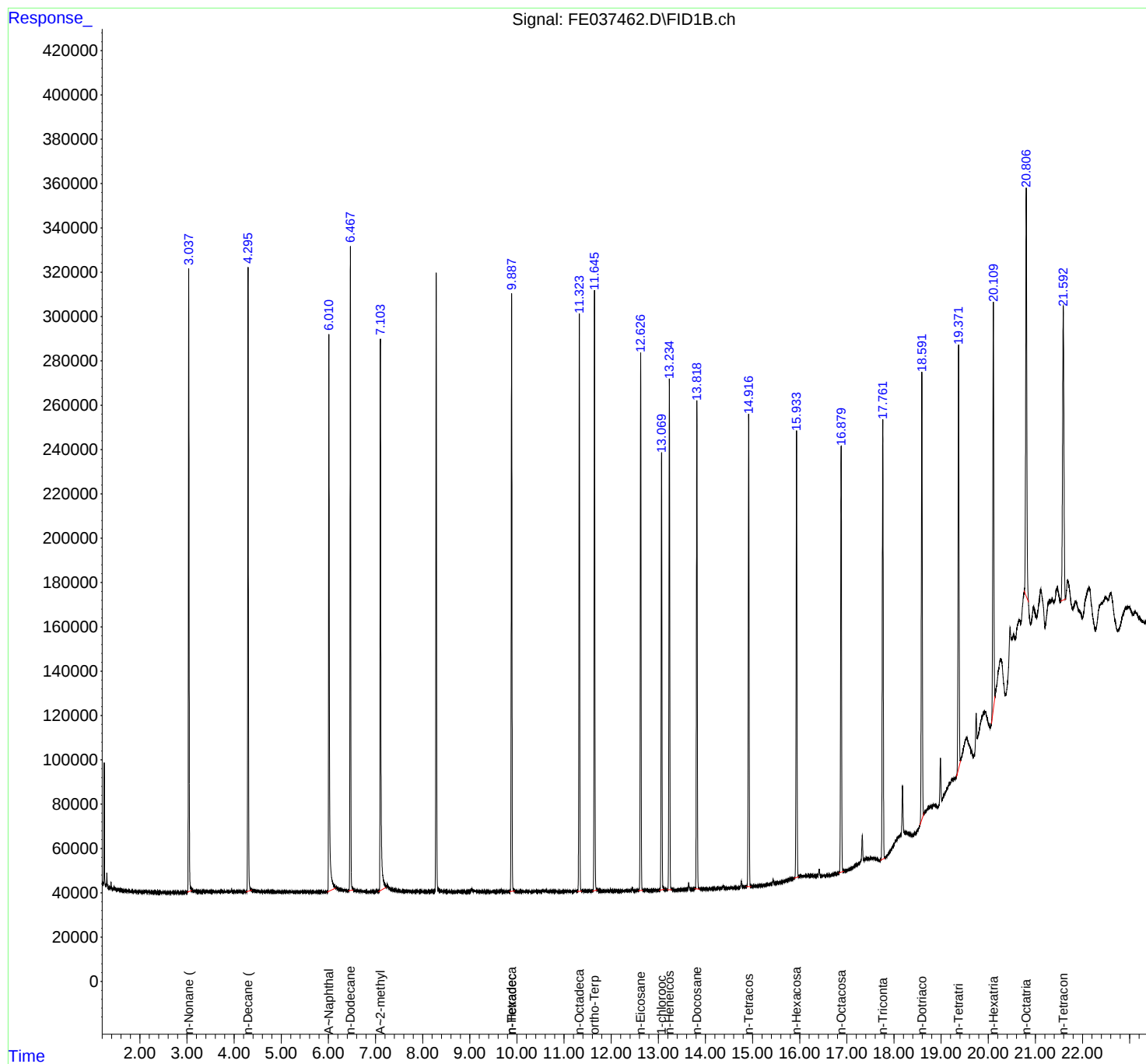
Instrument :
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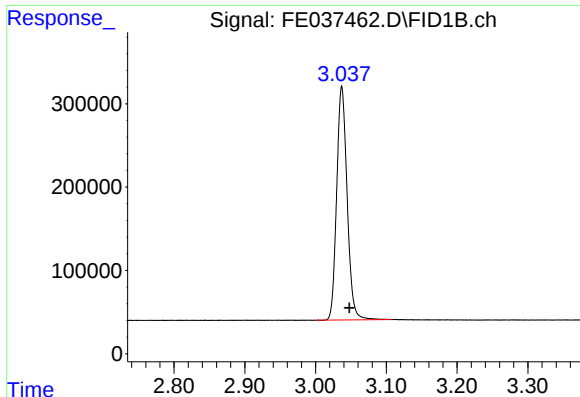
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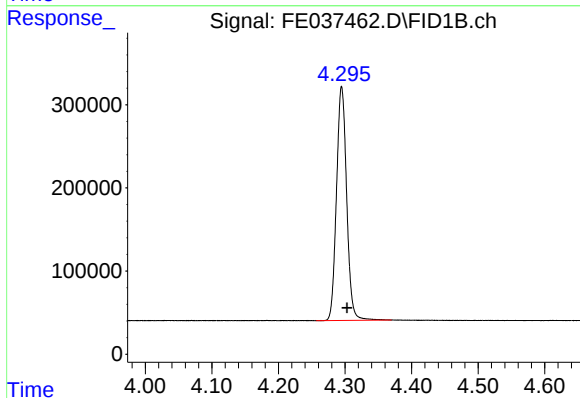
#1 n-Nonane (C9)

R.T.: 3.037 min
Delta R.T.: -0.011 min
Response: 2875011
Conc: 18.79 ug/ml

Instrument :
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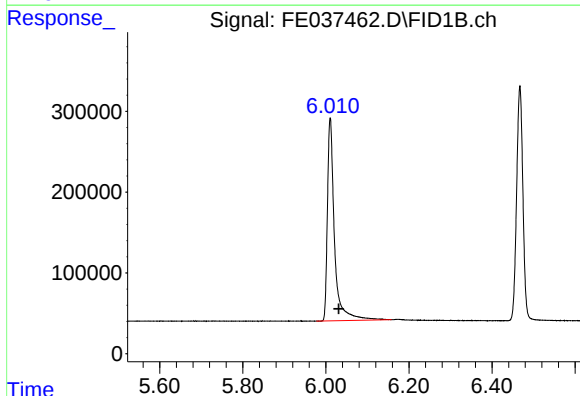
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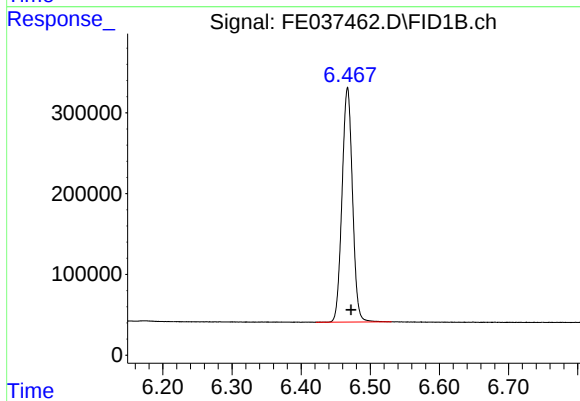
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 2981436
Conc: 19.34 ug/ml



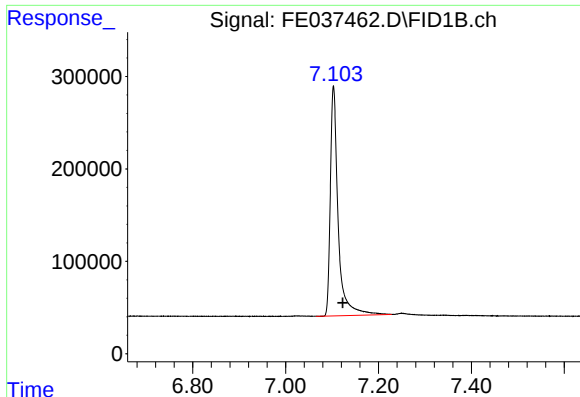
#3 A~Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: -0.020 min
Response: 2971036
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 3047270
Conc: 19.27 ug/ml



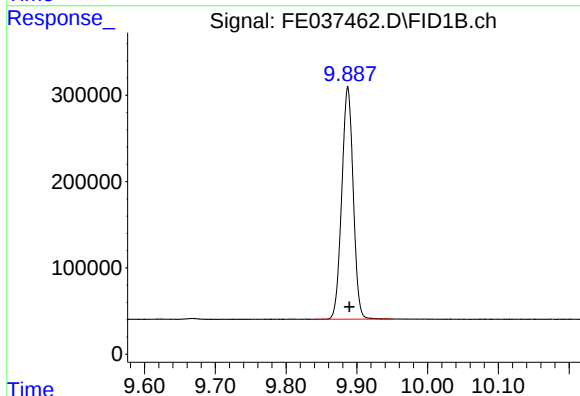
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.020 min
Response: 2911963
Conc: 20.86 ug/ml

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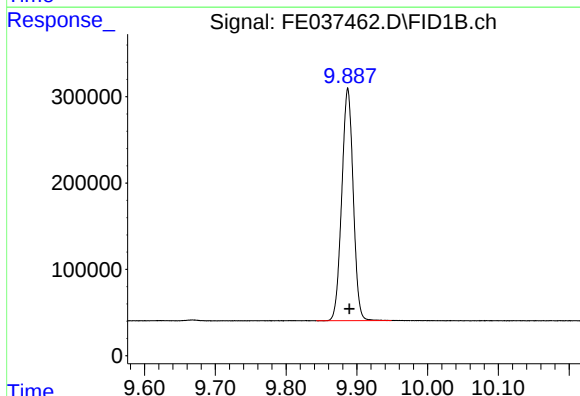
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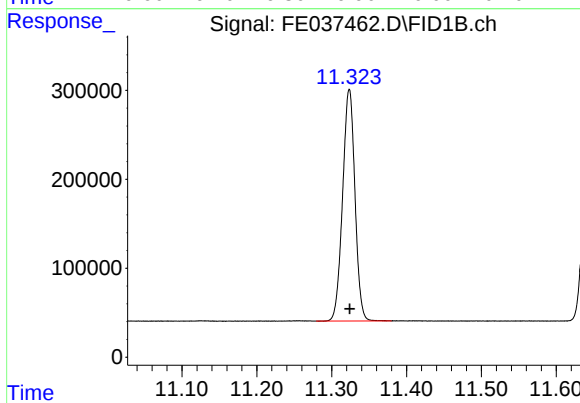
#6 n-Tetradecane (C14)

R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 3025256
Conc: 19.09 ug/ml



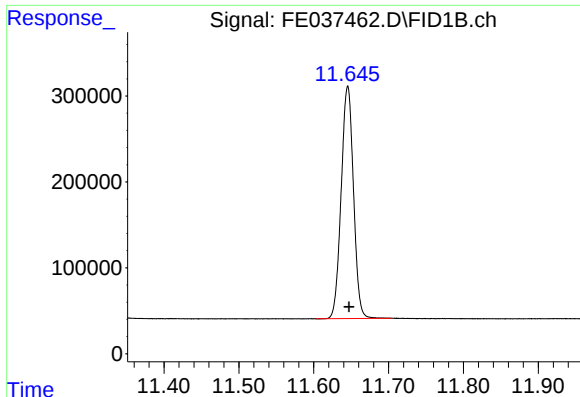
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 3025256
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: 0.000 min
Response: 2990677
Conc: 18.78 ug/ml



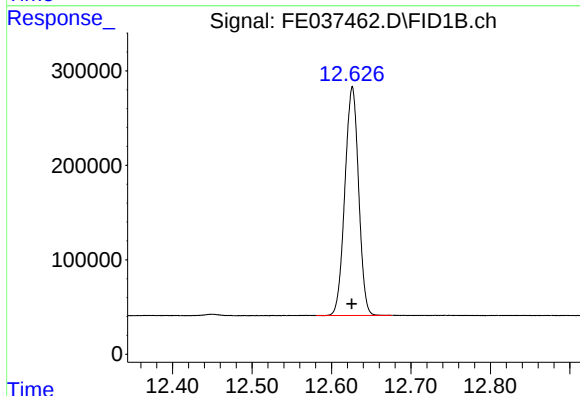
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.002 min
Response: 3089216
Conc: 18.28 ug/ml

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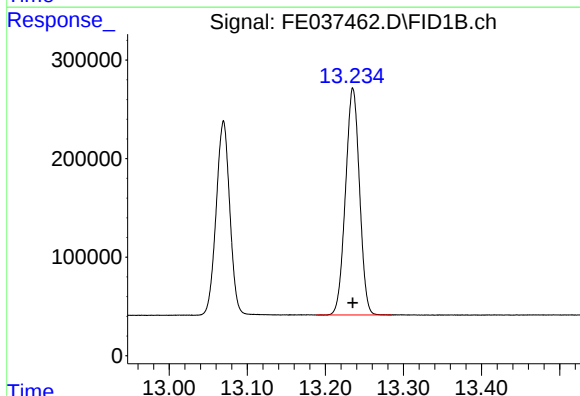
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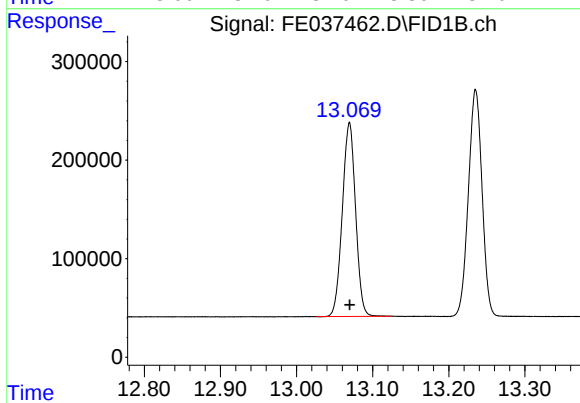
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: 0.000 min
Response: 2911552
Conc: 18.40 ug/ml



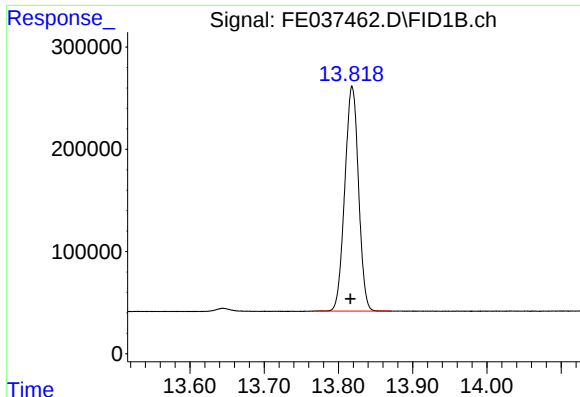
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 2870968
Conc: 18.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.070 min
Delta R.T.: 0.000 min
Response: 2383513
Conc: 18.52 ug/ml



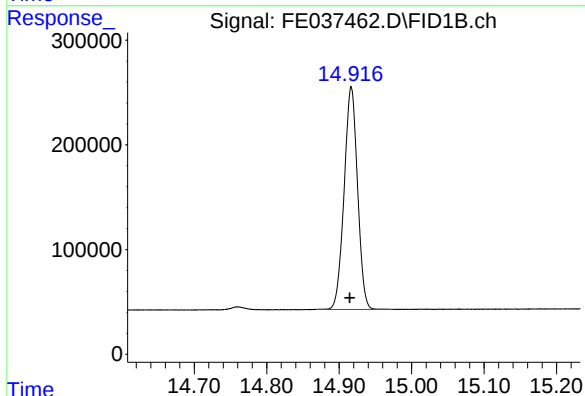
#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: 0.002 min
Response: 2826149
Conc: 18.15 ug/ml

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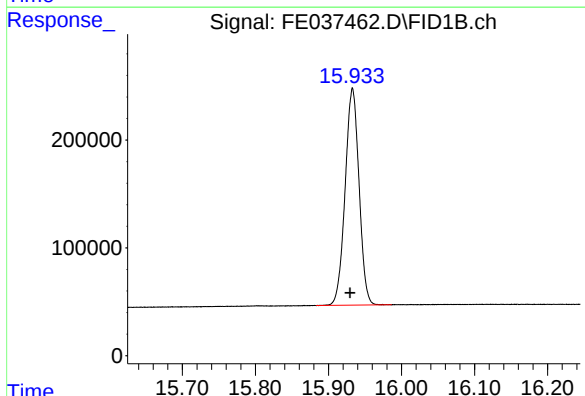
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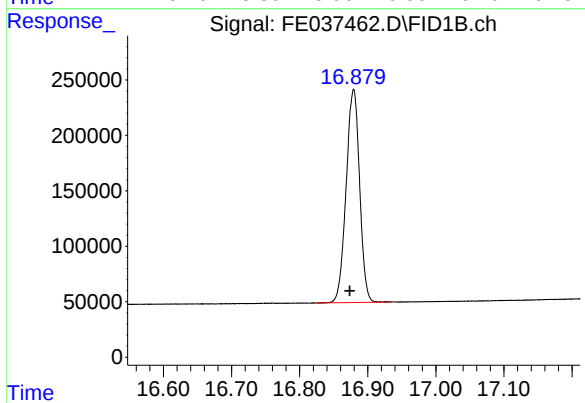
#14 n-Tetracosane (C24)

R.T.: 14.917 min
Delta R.T.: 0.002 min
Response: 2736112
Conc: 18.19 ug/ml



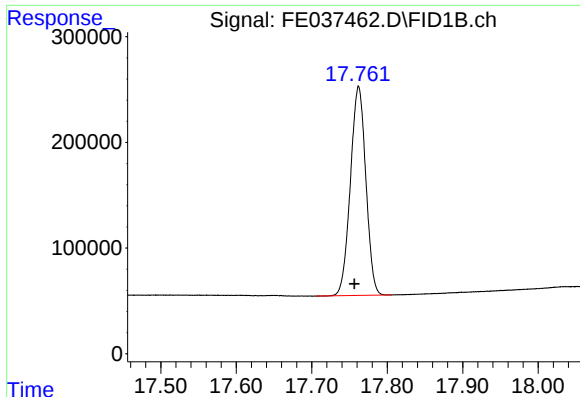
#15 n-Hexacosane (C26)

R.T.: 15.933 min
Delta R.T.: 0.004 min
Response: 2661708
Conc: 18.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: 0.006 min
Response: 2641027
Conc: 19.06 ug/ml



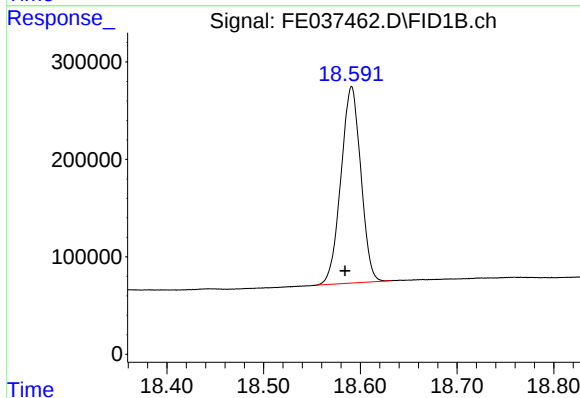
#17 n-Tricontane (C30)

R.T.: 17.762 min
Delta R.T.: 0.005 min
Response: 2810173
Conc: 20.66 ug/ml

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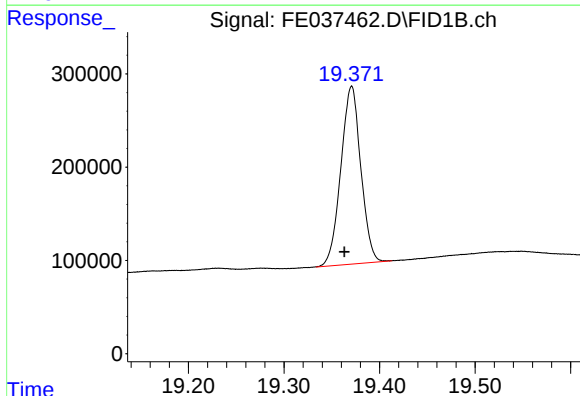
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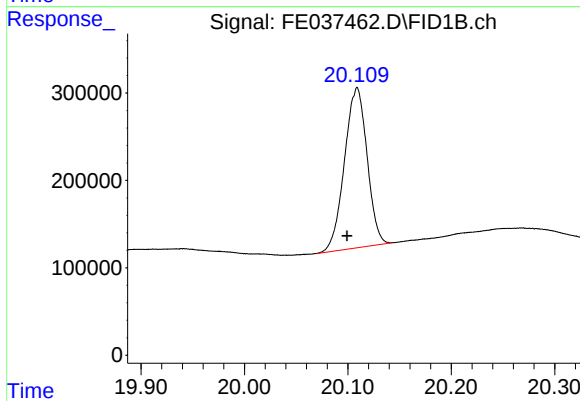
#18 n-Dotriacontane (C32)

R.T.: 18.591 min
Delta R.T.: 0.006 min
Response: 2880374
Conc: 21.57 ug/ml m



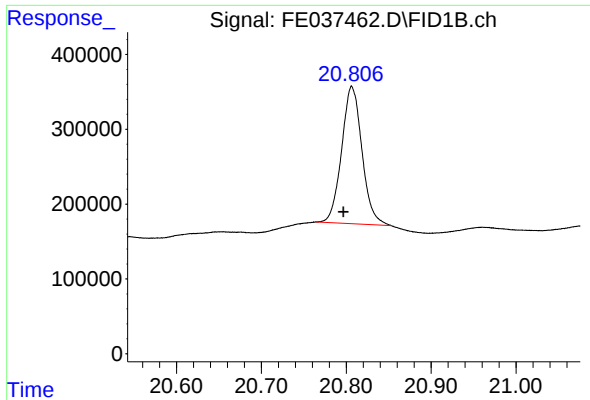
#19 n-Tetratriacontane (C34)

R.T.: 19.371 min
Delta R.T.: 0.007 min
Response: 2774934
Conc: 21.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.109 min
Delta R.T.: 0.009 min
Response: 2784698
Conc: 21.65 ug/ml m



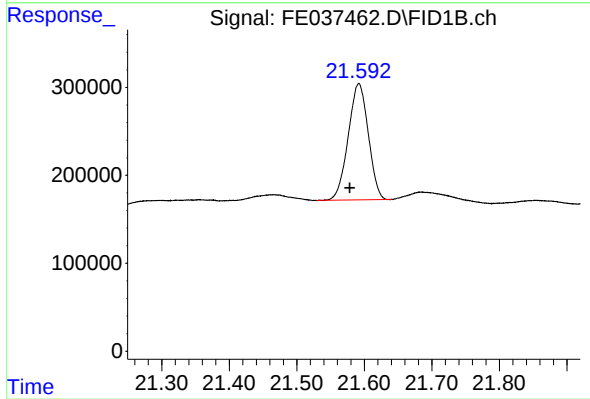
#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.009 min
Response: 3059275
Conc: 24.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: 0.013 min
Response: 2729080
Conc: 21.17 ug/ml m