

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090822AL\
 Data File : FE037457.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2022 10:56
 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 08:15:36 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	3044126	18.013 ug/ml
Spiked Amount 50.000		Recovery =	36.03%
12) S 1-chlorooctadecane (S...	13.070	2335707	18.149 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
Target Compounds			
1) T n-Nonane (C9)	3.037	2852970	18.646 ug/ml
2) T n-Decane (C10)	4.295	2949590	19.131 ug/ml
3) T A~Naphthalene (C11.7)	6.010	2928067	20.324 ug/ml
4) T n-Dodecane (C12)	6.467	3012809	19.052 ug/ml
5) T A~2-methylnaphthalene...	7.103	2882618	20.647 ug/ml
6) T n-Tetradecane (C14)	9.887	2978114	18.795 ug/ml
7) T n-Hexadecane (C16)	9.887	2978114	18.795 ug/ml
8) T n-Octadecane (C18)	11.323	2933935	18.424 ug/ml
10) T n-Eicosane (C20)	12.628	2859258	18.071 ug/ml
11) T n-Heneicosane (C21)	13.236	2819017	17.877 ug/ml
13) T n-Docosane (C22)	13.820	2772863	17.812 ug/ml
14) T n-Tetracosane (C24)	14.917	2680228	17.820 ug/ml
15) T n-Hexacosane (C26)	15.933	2606292	17.999 ug/ml
16) T n-Octacosane (C28)	16.879	2590045	18.696 ug/ml
17) T n-Tricontane (C30)	17.764	2765847	20.332 ug/ml
18) T n-Dotriacontane (C32)	18.593	2832470	21.212 ug/ml
19) T n-Tetratriacontane (C34)	19.374	2795724	22.096 ug/ml
20) T n-Hexatriacontane (C36)	20.108	2837022	22.058 ug/ml
21) T n-Octatriacontane (C38)	20.807	2921737	23.475 ug/mlm
22) T n-Tetracontane (C40)	21.593	2803907	21.750 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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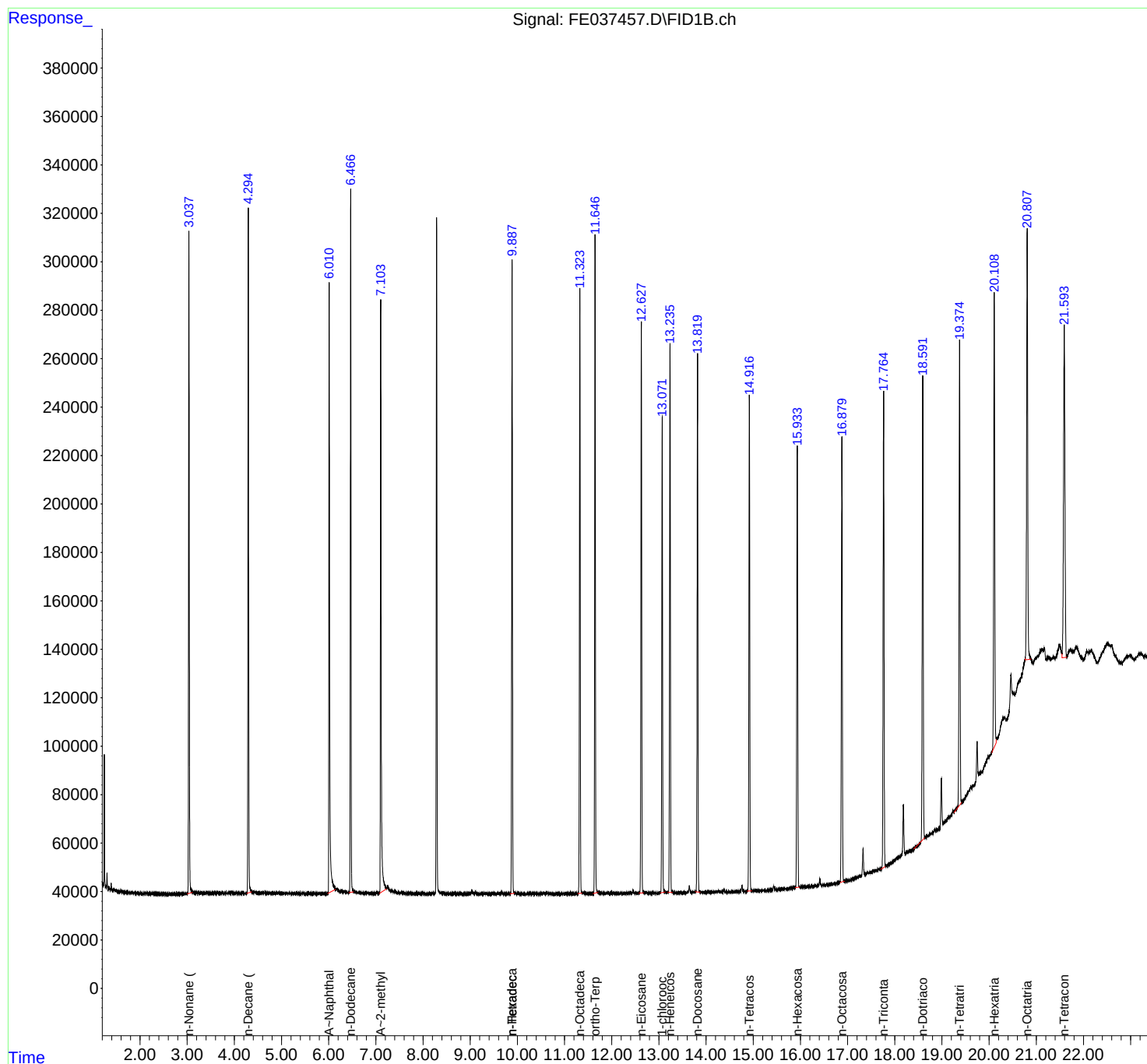
Instrument :
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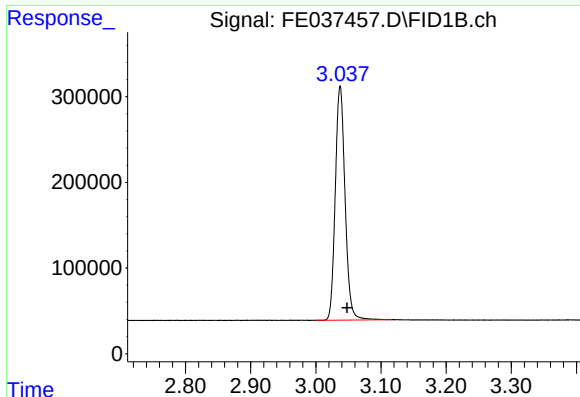
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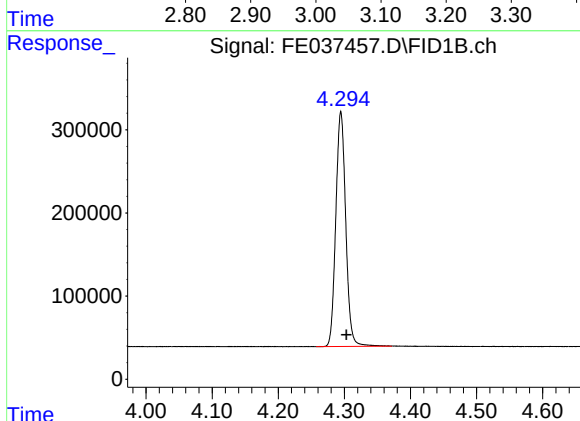
#1 n-Nonane (C9)

R.T.: 3.037 min
Delta R.T.: -0.011 min
Response: 2852970
Conc: 18.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

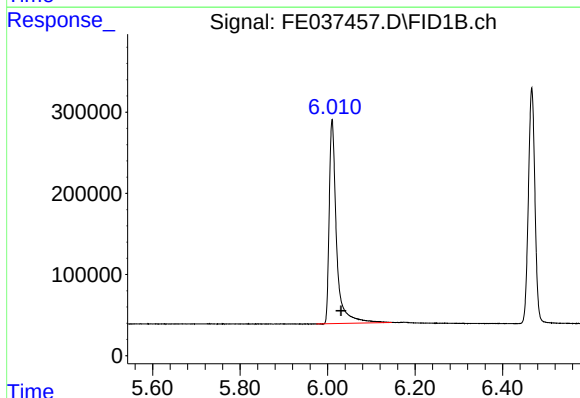
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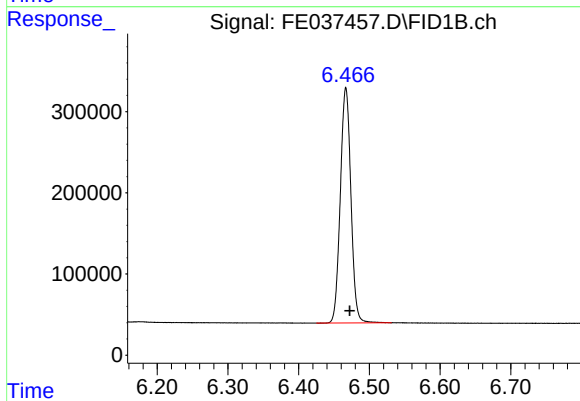
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 2949590
Conc: 19.13 ug/ml



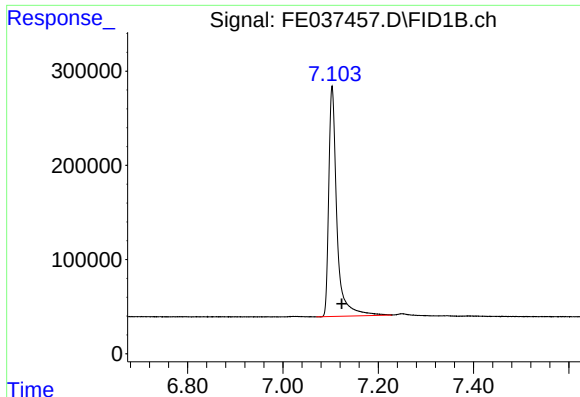
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.020 min
Response: 2928067
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.006 min
Response: 3012809
Conc: 19.05 ug/ml



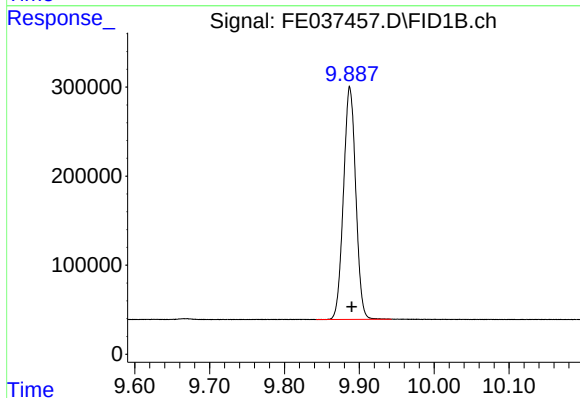
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.020 min
Response: 2882618
Conc: 20.65 ug/ml

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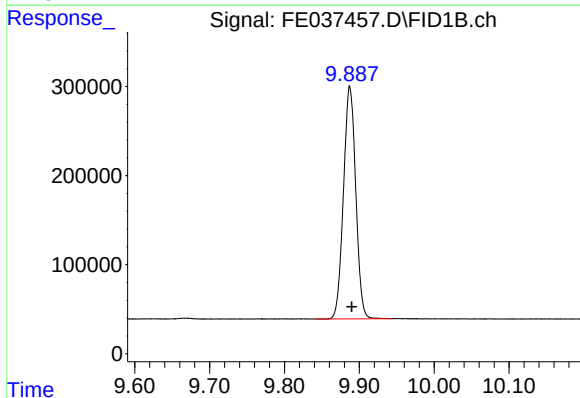
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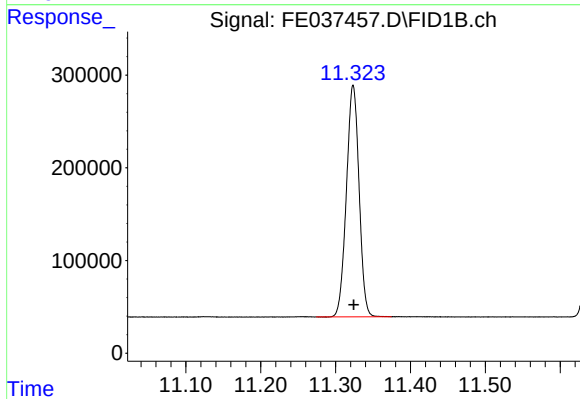
#6 n-Tetradecane (C14)

R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 2978114
Conc: 18.79 ug/ml



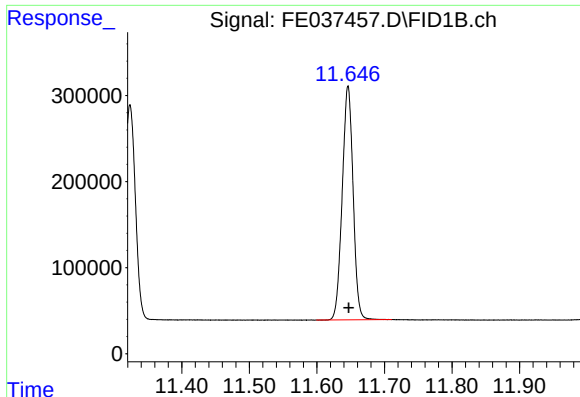
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 2978114
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: 0.000 min
Response: 2933935
Conc: 18.42 ug/ml



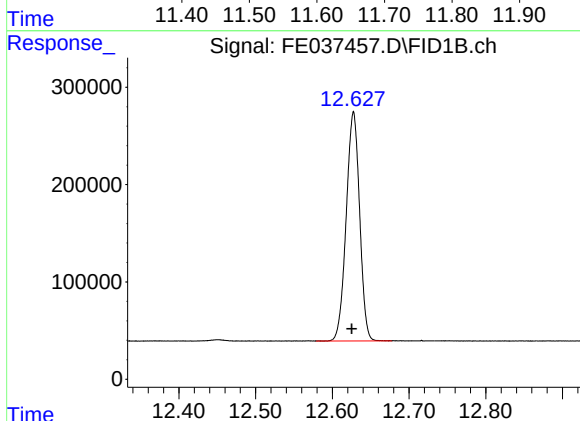
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 3044126
Conc: 18.01 ug/ml

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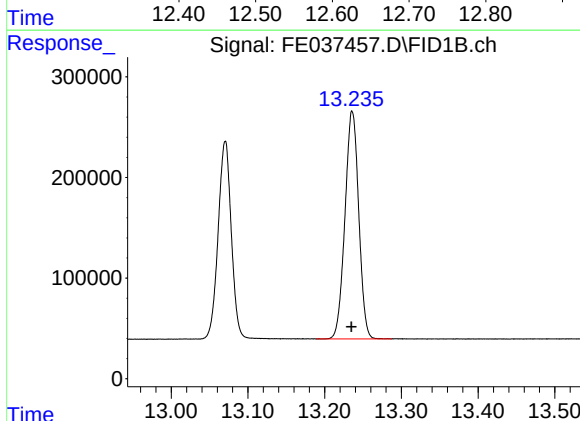
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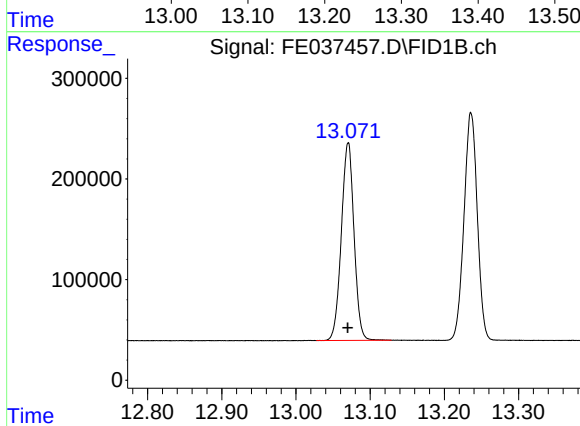
#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: 0.002 min
Response: 2859258
Conc: 18.07 ug/ml



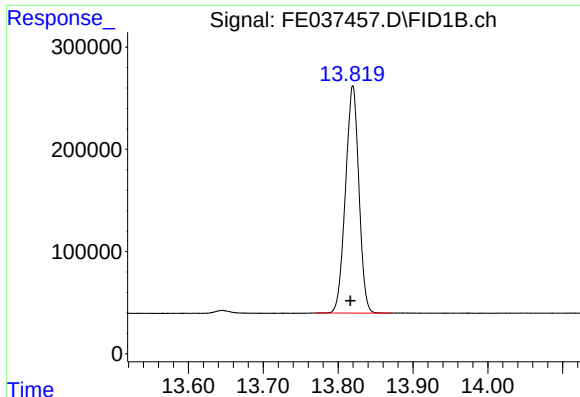
#11 n-Heneicosane (C21)

R.T.: 13.236 min
Delta R.T.: 0.001 min
Response: 2819017
Conc: 17.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.070 min
Delta R.T.: 0.000 min
Response: 2335707
Conc: 18.15 ug/ml



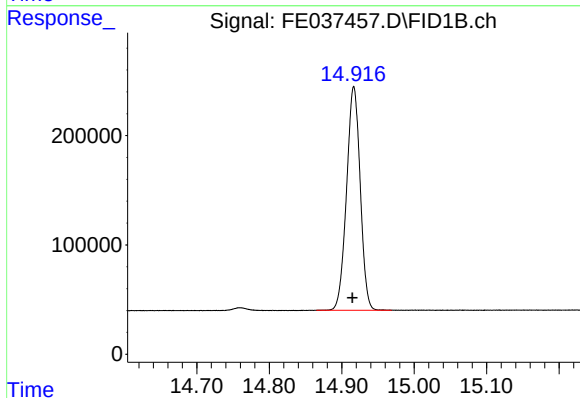
#13 n-Docosane (C22)

R.T.: 13.820 min
Delta R.T.: 0.003 min
Response: 2772863
Conc: 17.81 ug/ml

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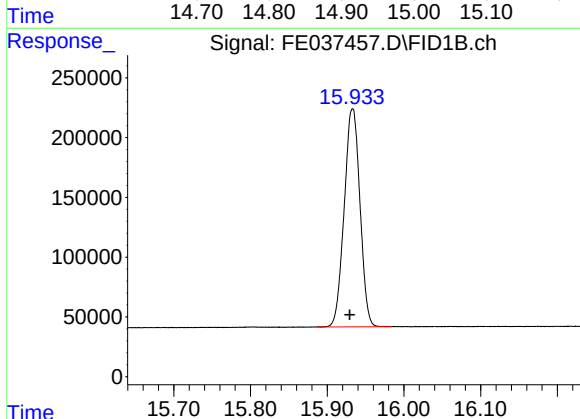
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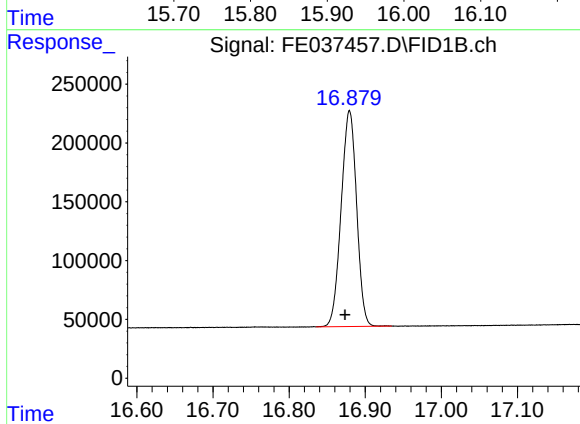
#14 n-Tetracosane (C24)

R.T.: 14.917 min
Delta R.T.: 0.002 min
Response: 2680228
Conc: 17.82 ug/ml



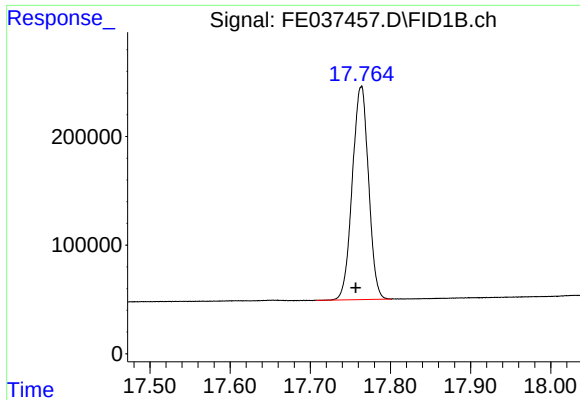
#15 n-Hexacosane (C26)

R.T.: 15.933 min
Delta R.T.: 0.004 min
Response: 2606292
Conc: 18.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: 0.006 min
Response: 2590045
Conc: 18.70 ug/ml



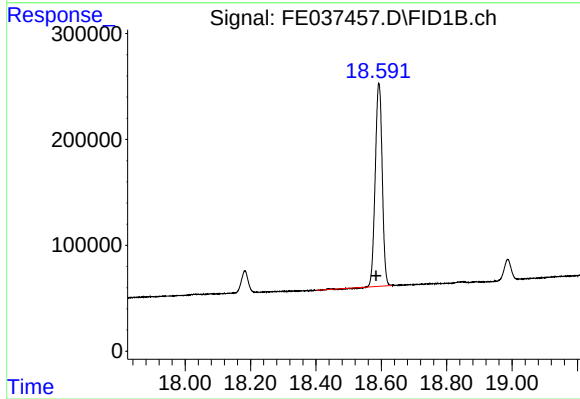
#17 n-Tricontane (C30)

R.T.: 17.764 min
Delta R.T.: 0.007 min
Response: 2765847
Conc: 20.33 ug/ml

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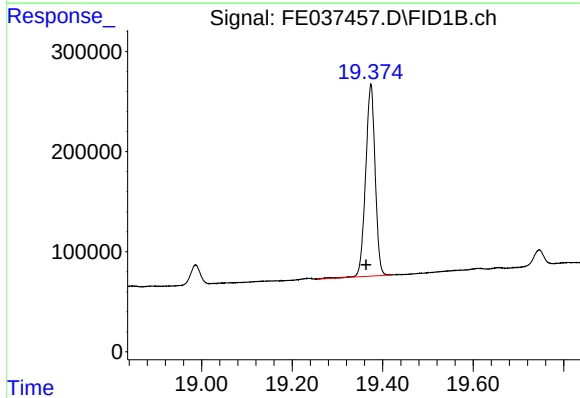
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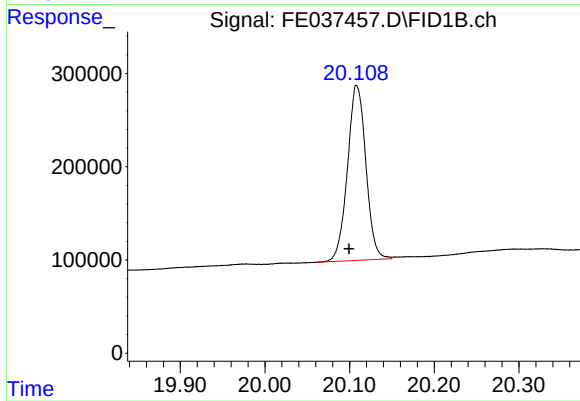
#18 n-Dotriacontane (C32)

R.T.: 18.593 min
Delta R.T.: 0.008 min
Response: 2832470
Conc: 21.21 ug/ml



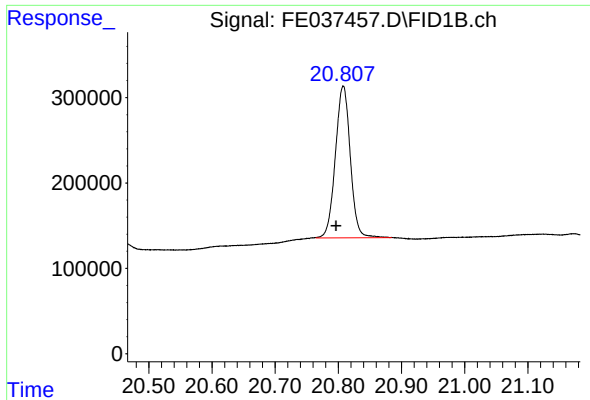
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min
Delta R.T.: 0.011 min
Response: 2795724
Conc: 22.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: 0.009 min
Response: 2837022
Conc: 22.06 ug/ml



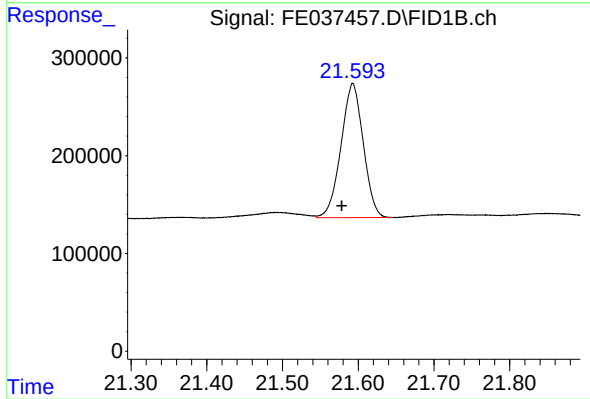
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.011 min
Response: 2921737
Conc: 23.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.015 min
Response: 2803907
Conc: 21.75 ug/ml