

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082622AL\
 Data File : FE037272.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2022 14:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2022
 Supervised By :Ankita Jodhani 08/29/2022

Integration File: autoint1.e
 Quant Time: Aug 27 02:40:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 27 02:21:03 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)	11.660	3269857	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
12) S 1-chlorooctadecane (S...	13.083	2533896	18.546 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.054	3055403	20.509 ug/ml
2) T n-Decane (C10)	4.311	3086705	20.607 ug/ml
3) T A~Naphthalene (C11.7)	6.027	3059486	21.134 ug/ml
4) T n-Dodecane (C12)	6.481	3147857	20.362 ug/ml
5) T A~2-methylnaphthalene...	7.119	3010593	21.762 ug/ml
6) T n-Tetradecane (C14)	9.901	3133171	19.920 ug/ml
7) T n-Hexadecane (C16)	9.901	3133171	19.920 ug/ml
8) T n-Octadecane (C18)	11.337	3120323	19.362 ug/ml
10) T n-Eicosane (C20)	12.640	3070602	18.649 ug/ml
11) T n-Heneicosane (C21)	13.249	3036757	18.359 ug/ml
13) T n-Docosane (C22)	13.831	2988108	17.988 ug/ml
14) T n-Tetracosane (C24)	14.929	2863543	17.346 ug/ml
15) T n-Hexacosane (C26)	15.945	2756794	16.908 ug/ml
16) T n-Octacosane (C28)	16.891	2651948	16.702 ug/ml
17) T n-Tricontane (C30)	17.771	2630778	16.938 ug/mlm
18) T n-Dotriacontane (C32)	18.601	2624399	17.594 ug/ml
19) T n-Tetratriacontane (C34)	19.380	2557002	19.030 ug/mlm
20) T n-Hexatriacontane (C36)	20.115	2613129	20.355 ug/ml
21) T n-Octatriacontane (C38)	20.815	2490822	20.749 ug/ml
22) T n-Tetracontane (C40)	21.604	2790146	23.101 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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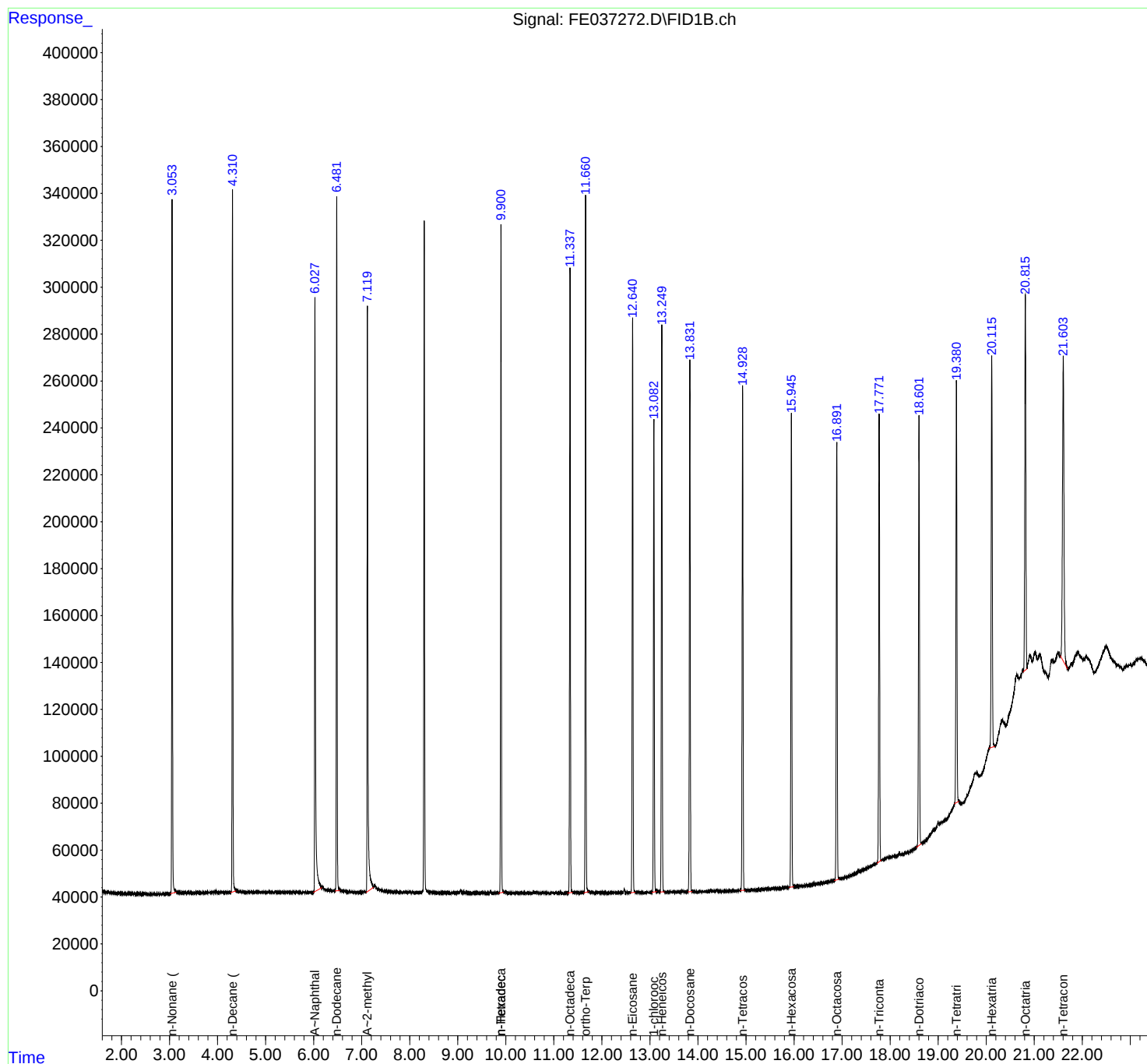
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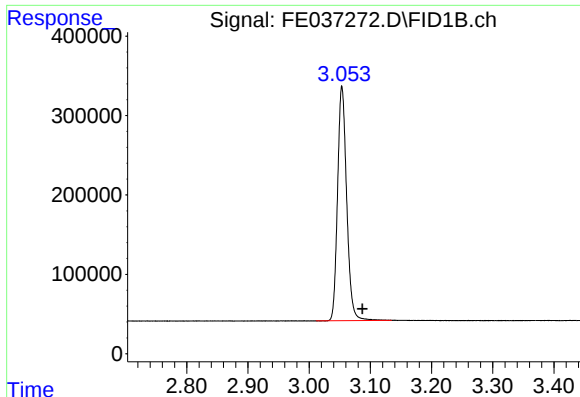
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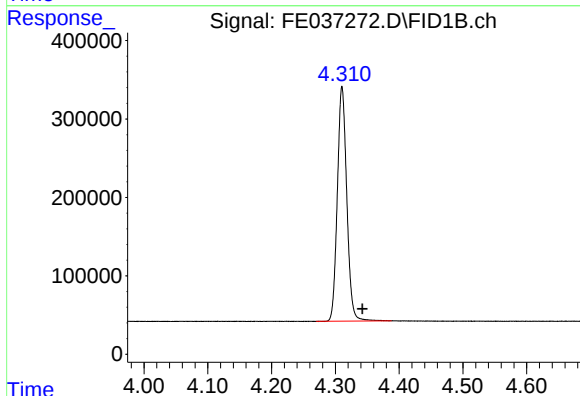
#1 n-Nonane (C9)

R.T.: 3.054 min
Delta R.T.: -0.033 min
Response: 3055403
Conc: 20.51 ug/ml

Instrument :
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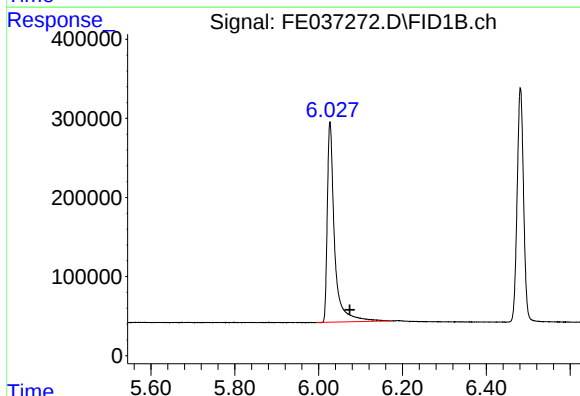
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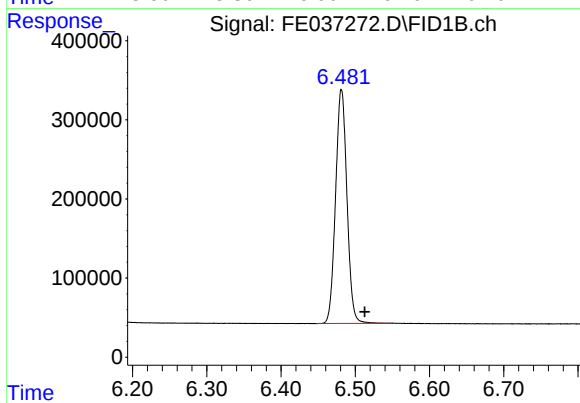
#2 n-Decane (C10)

R.T.: 4.311 min
Delta R.T.: -0.032 min
Response: 3086705
Conc: 20.61 ug/ml



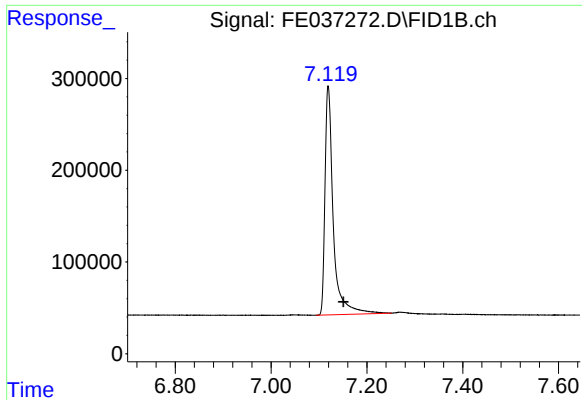
#3 A~Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.047 min
Response: 3059486
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.481 min
Delta R.T.: -0.031 min
Response: 3147857
Conc: 20.36 ug/ml



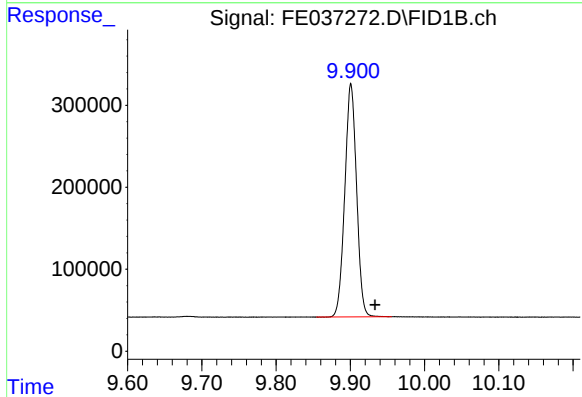
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: -0.032 min
Response: 3010593
Conc: 21.76 ug/ml

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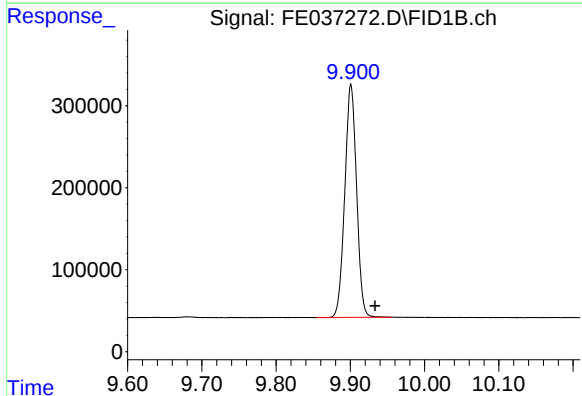
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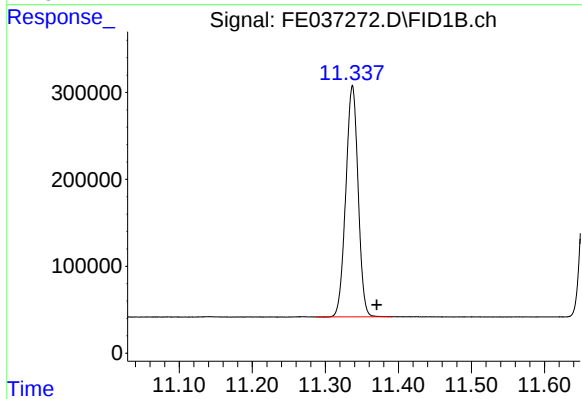
#6 n-Tetradecane (C14)

R.T.: 9.901 min
Delta R.T.: -0.033 min
Response: 3133171
Conc: 19.92 ug/ml



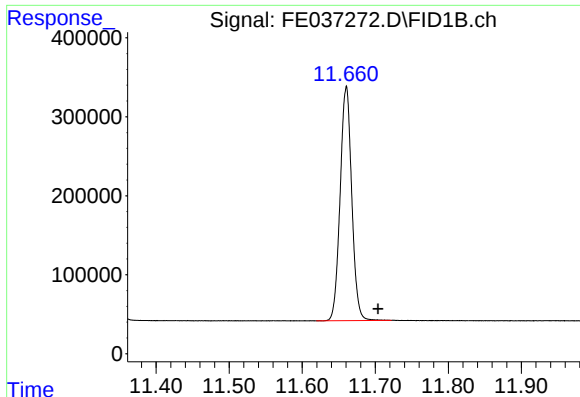
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: -0.033 min
Response: 3133171
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.033 min
Response: 3120323
Conc: 19.36 ug/ml



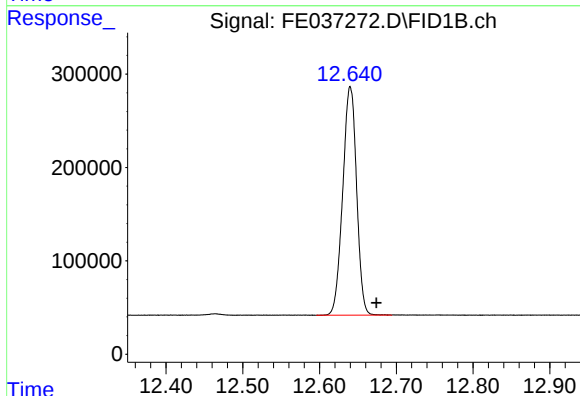
#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: -0.044 min
Response: 3269857
Conc: 18.92 ug/ml

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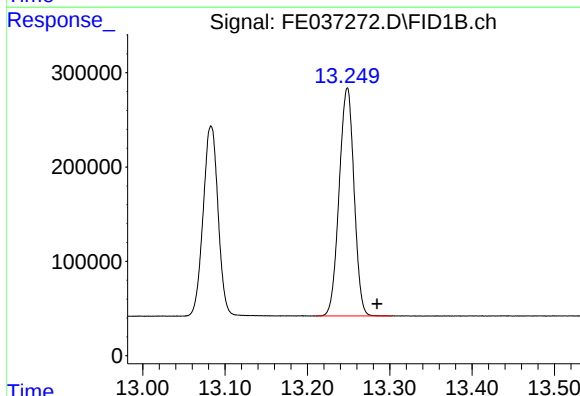
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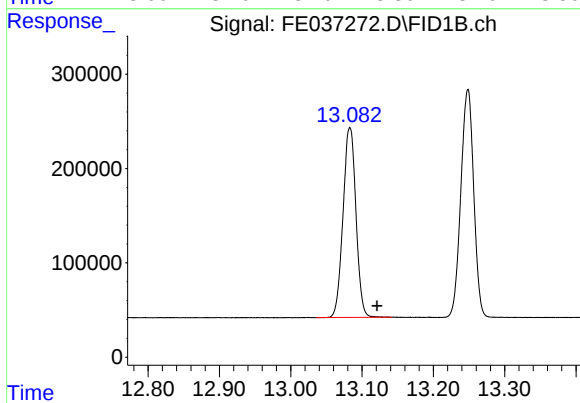
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.034 min
Response: 3070602
Conc: 18.65 ug/ml



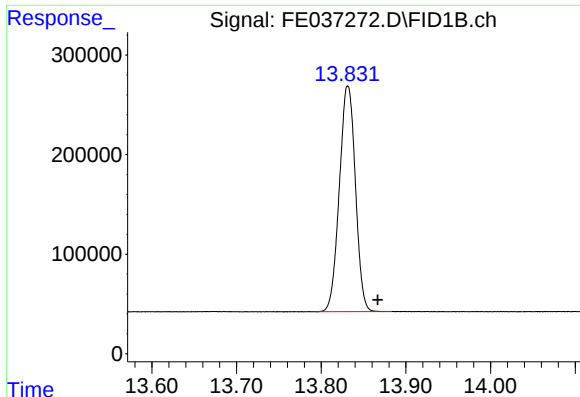
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.036 min
Response: 3036757
Conc: 18.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: -0.038 min
Response: 2533896
Conc: 18.55 ug/ml



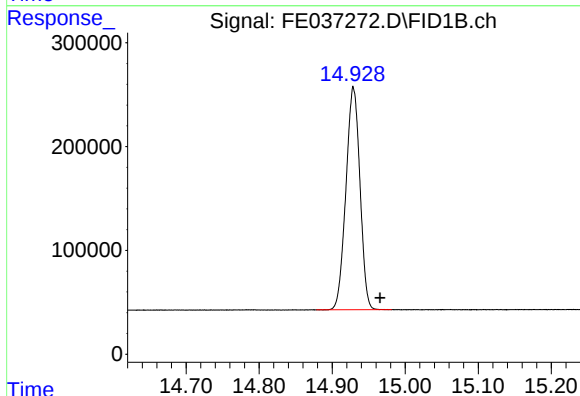
#13 n-Docosane (C22)

R.T.: 13.831 min
Delta R.T.: -0.035 min
Response: 2988108
Conc: 17.99 ug/ml

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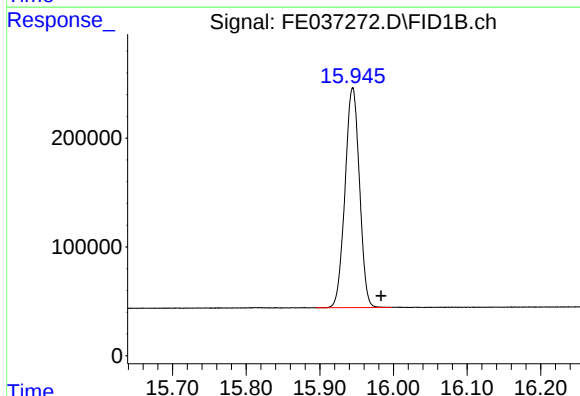
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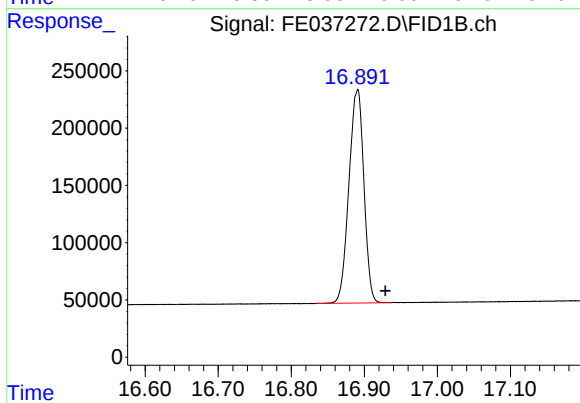
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: -0.037 min
Response: 2863543
Conc: 17.35 ug/ml



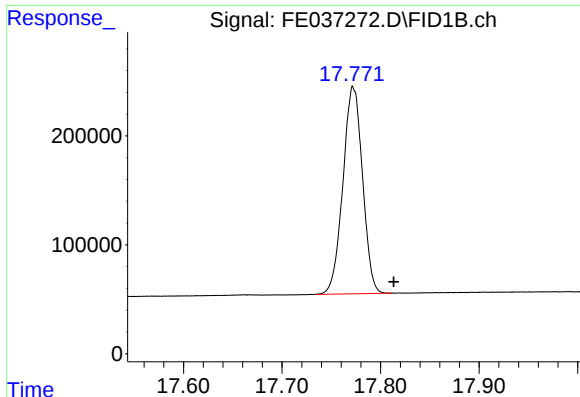
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: -0.039 min
Response: 2756794
Conc: 16.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.891 min
Delta R.T.: -0.038 min
Response: 2651948
Conc: 16.70 ug/ml



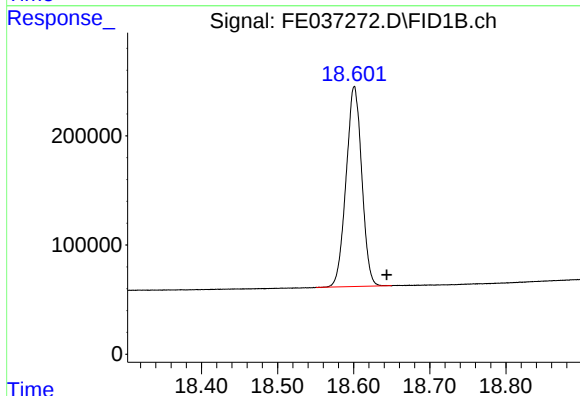
#17 n-Tricontane (C30)

R.T.: 17.771 min
Delta R.T.: -0.042 min
Response: 2630778
Conc: 16.94 ug/ml

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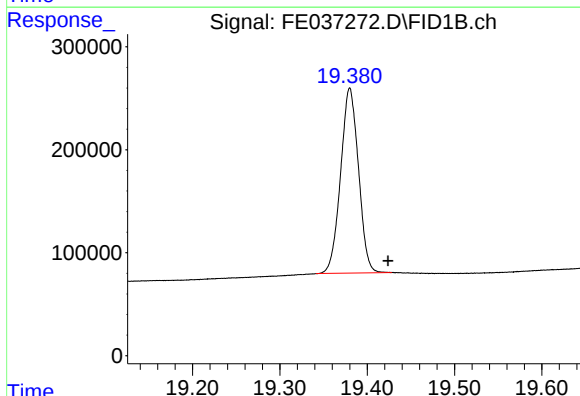
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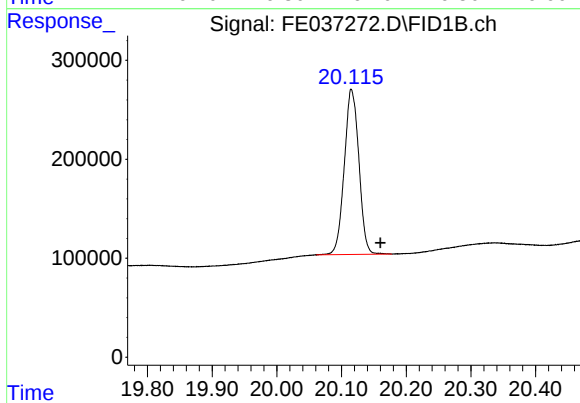
#18 n-Dotriacontane (C32)

R.T.: 18.601 min
Delta R.T.: -0.043 min
Response: 2624399
Conc: 17.59 ug/ml



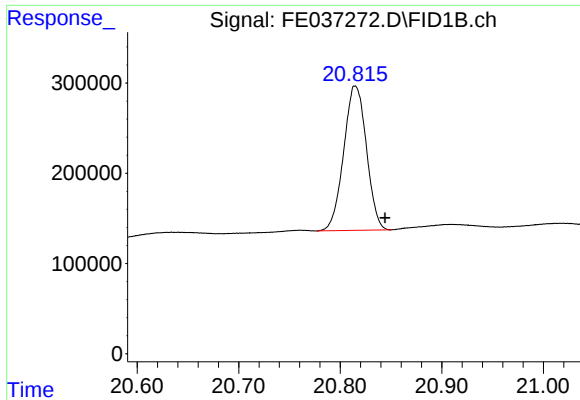
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: -0.044 min
Response: 2557002
Conc: 19.03 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.115 min
Delta R.T.: -0.045 min
Response: 2613129
Conc: 20.35 ug/ml



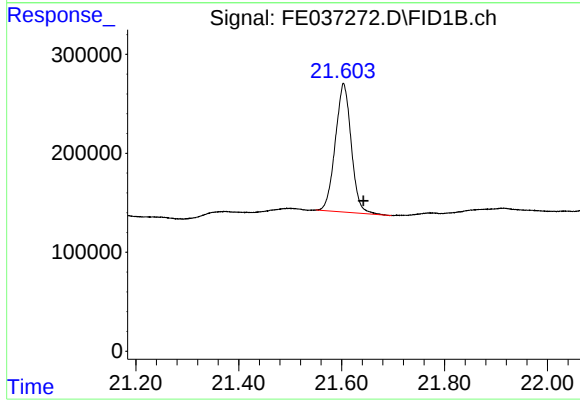
#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: -0.029 min
Response: 2490822
Conc: 20.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: -0.038 min
Response: 2790146
Conc: 23.10 ug/ml