

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051923AL\
 Data File : FE042006.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 23:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/19/2023
 Supervised By :Ankita Jodhani 05/19/2023

Integration File: autoint1.e
 Quant Time: May 19 01:43:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.971	3882928	21.990 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
12) S 1-chlorooctadecane (S...	13.406	2890845	21.756 ug/ml
Spiked Amount 50.000		Recovery =	43.51%
Target Compounds			
1) T n-Nonane (C9)	3.349	3220442	22.334 ug/ml
2) T n-Decane (C10)	4.602	3288266	22.213 ug/ml
3) T A~Naphthalene (C11.7)	6.309	3633784	22.271 ug/ml
4) T n-Dodecane (C12)	6.769	3342154	22.288 ug/ml
5) T A~2-methylnaphthalene...	7.406	3523389	22.201 ug/ml
6) T n-Tetradecane (C14)	8.599	3344116	22.323 ug/ml
7) T n-Hexadecane (C16)	10.207	3477140	22.322 ug/ml
8) T n-Octadecane (C18)	11.651	3518390	22.249 ug/ml
10) T n-Eicosane (C20)	12.960	3351311	22.109 ug/ml
11) T n-Heneicosane (C21)	13.573	3281394	22.149 ug/ml
13) T n-Docosane (C22)	14.159	3199935	21.828 ug/ml
14) T n-Tetracosane (C24)	15.262	3085733	21.376 ug/ml
15) T n-Hexacosane (C26)	16.283	2939910	21.227 ug/ml
16) T n-Octacosane (C28)	17.233	2819321	21.058 ug/ml
17) T n-Tricontane (C30)	18.120	2840778	21.044 ug/ml
18) T n-Dotriacontane (C32)	18.954	2825103	21.147 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2812848	21.389 ug/ml
20) T n-Hexatriacontane (C36)	20.479	2804554	21.578 ug/mlm
21) T n-Octatriacontane (C38)	21.230	2990973	22.045 ug/ml
22) T n-Tetracontane (C40)	22.165	2906678	20.893 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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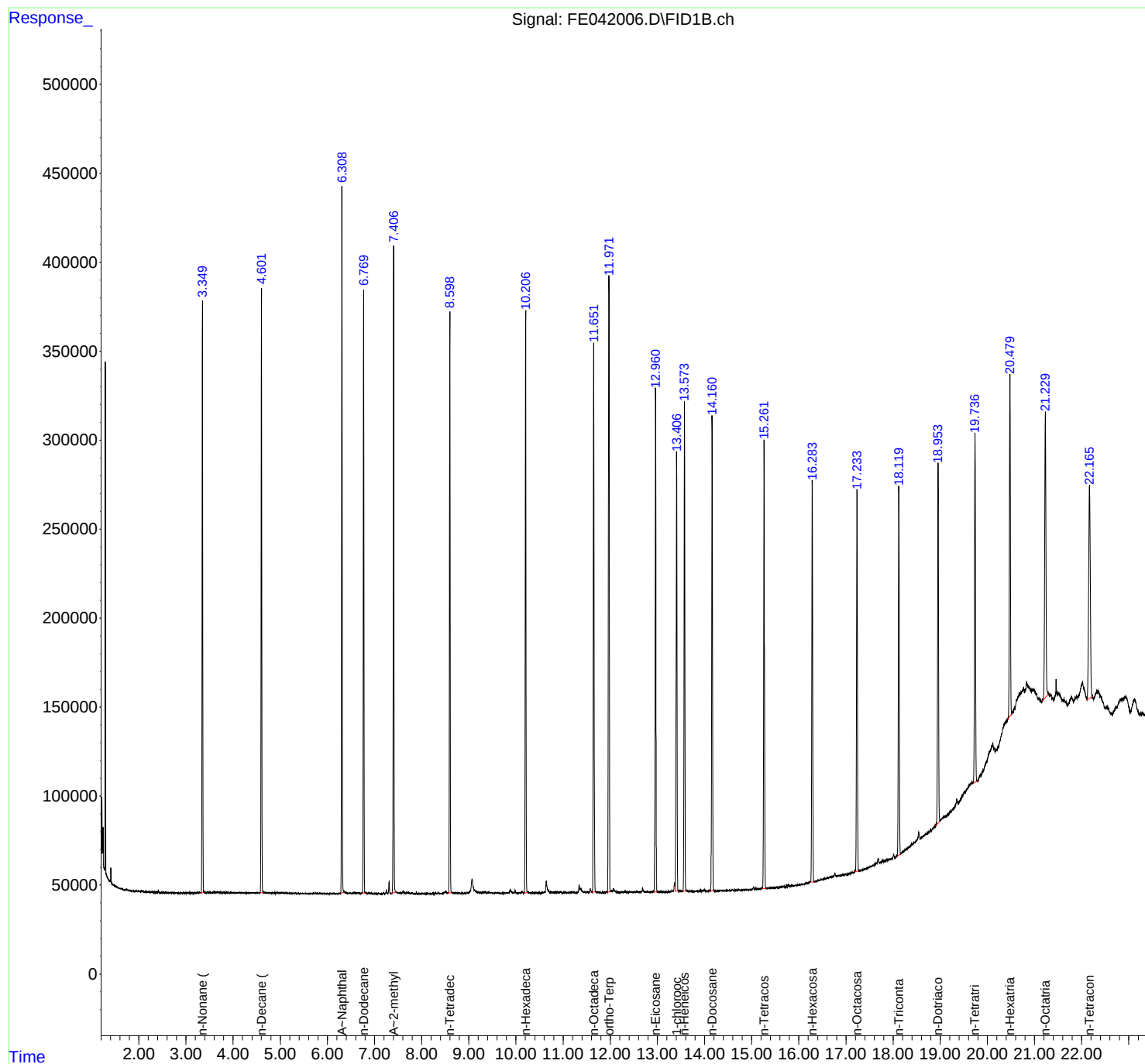
Instrument :
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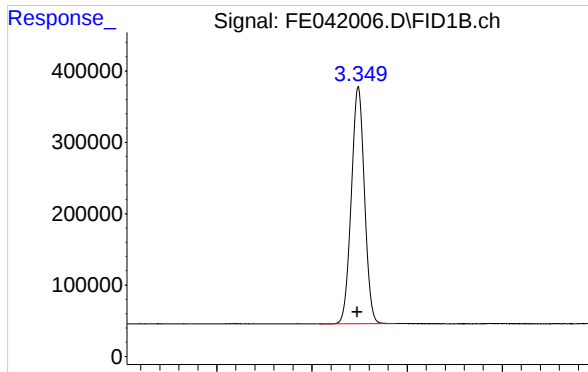
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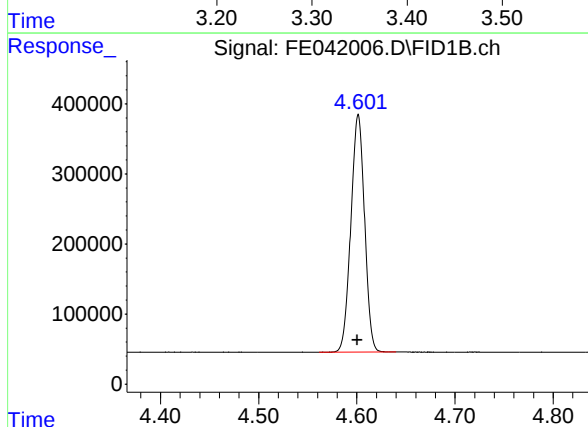
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: 0.000 min
Response: 3220442
Conc: 22.33 ug/ml

Instrument :
FID_E
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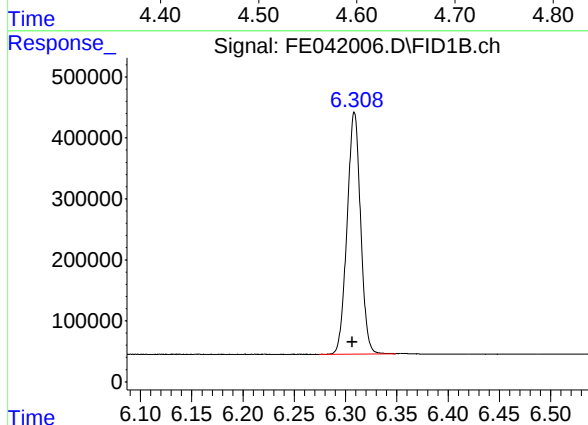
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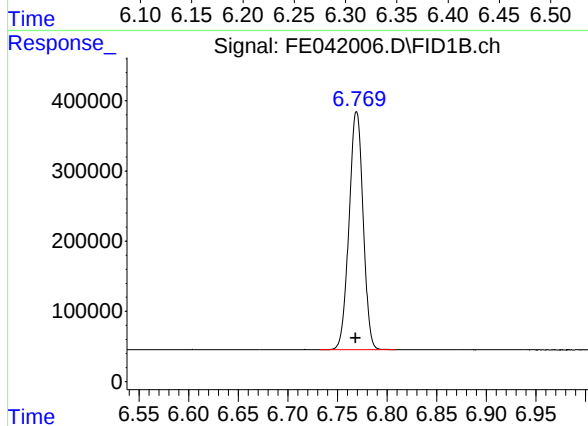
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: 0.001 min
Response: 3288266
Conc: 22.21 ug/ml



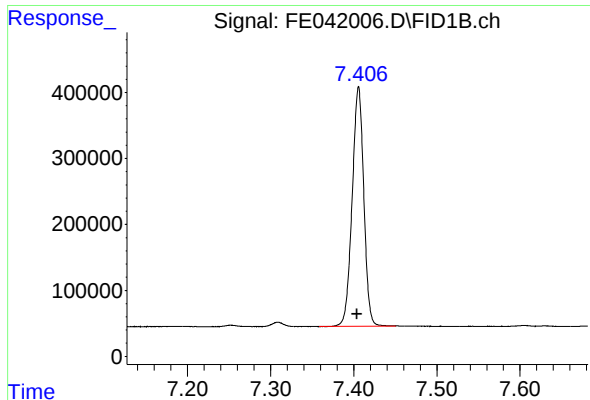
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.002 min
Response: 3633784
Conc: 22.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: 0.001 min
Response: 3342154
Conc: 22.29 ug/ml



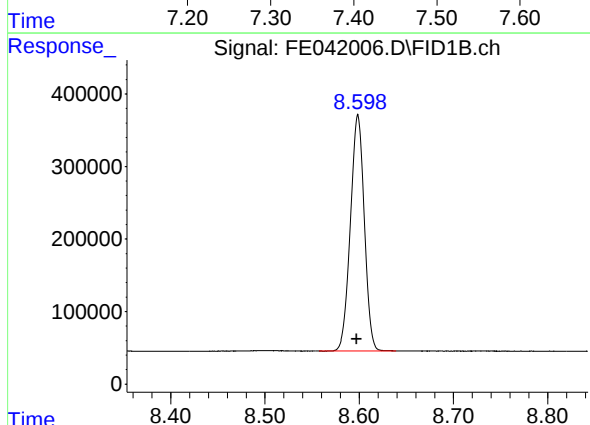
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.002 min
Response: 3523389
Conc: 22.20 ug/ml

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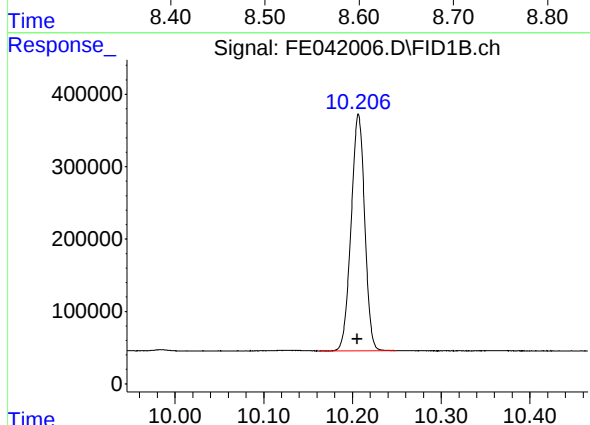
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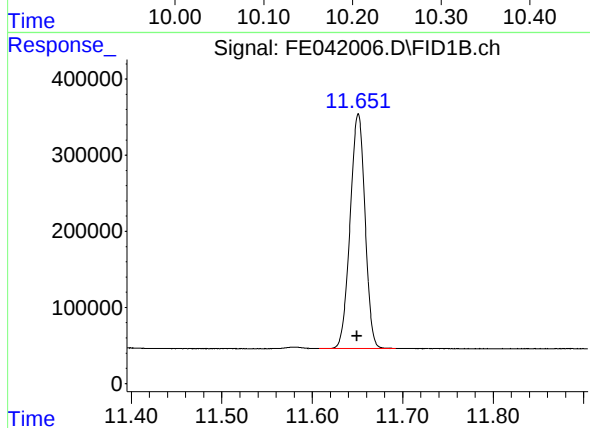
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.001 min
Response: 3344116
Conc: 22.32 ug/ml



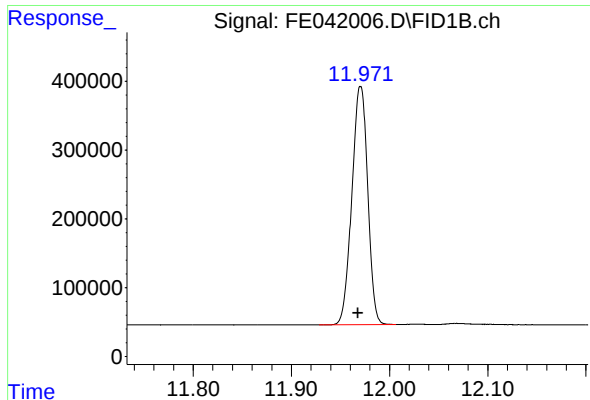
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.002 min
Response: 3477140
Conc: 22.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: 0.002 min
Response: 3518390
Conc: 22.25 ug/ml



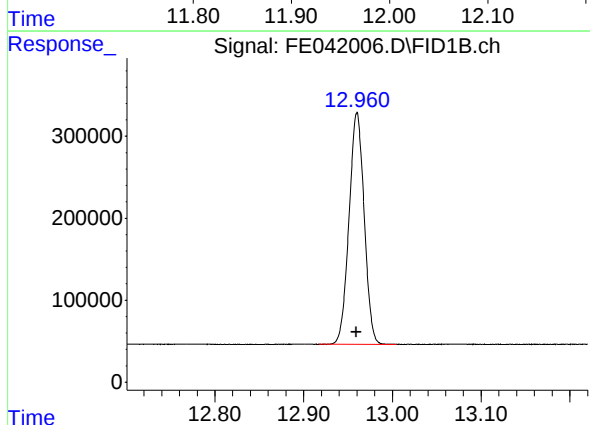
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: 0.002 min
Response: 3882928
Conc: 21.99 ug/ml

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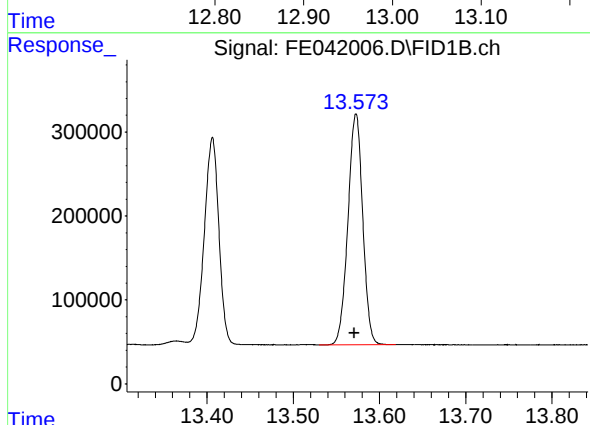
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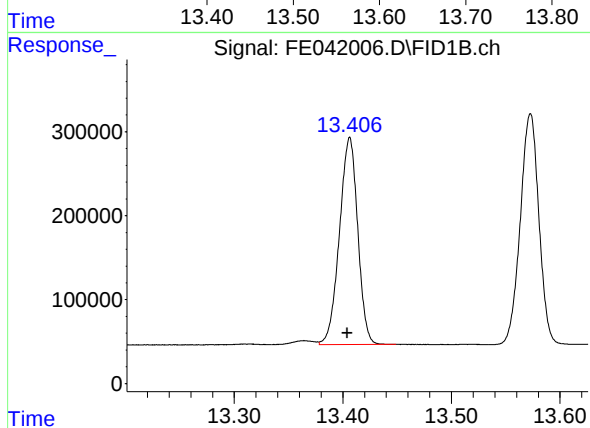
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 3351311
Conc: 22.11 ug/ml



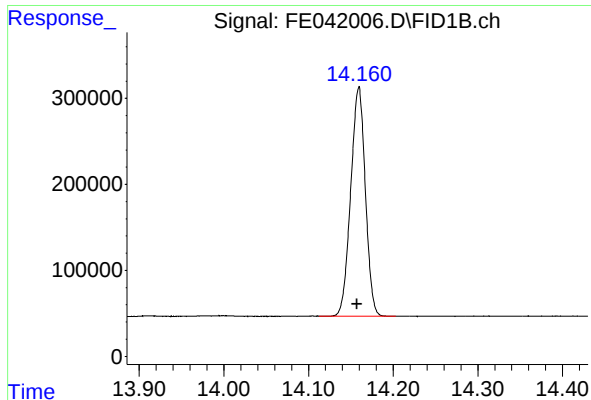
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.002 min
Response: 3281394
Conc: 22.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.002 min
Response: 2890845
Conc: 21.76 ug/ml



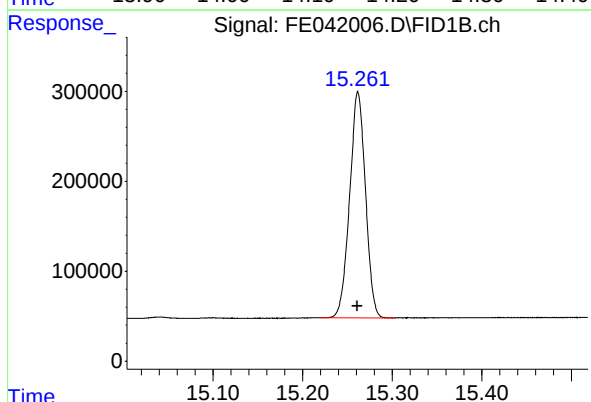
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.002 min
Response: 3199935
Conc: 21.83 ug/ml

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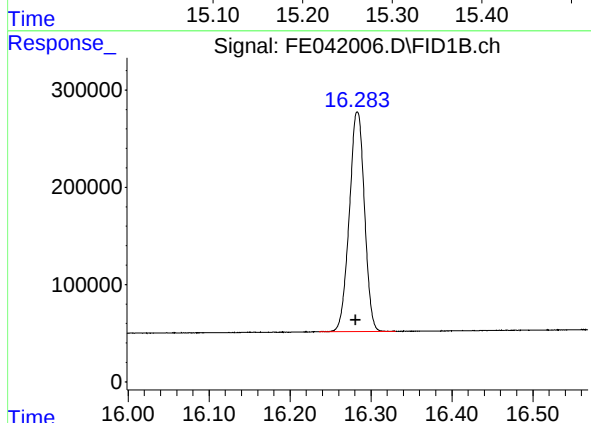
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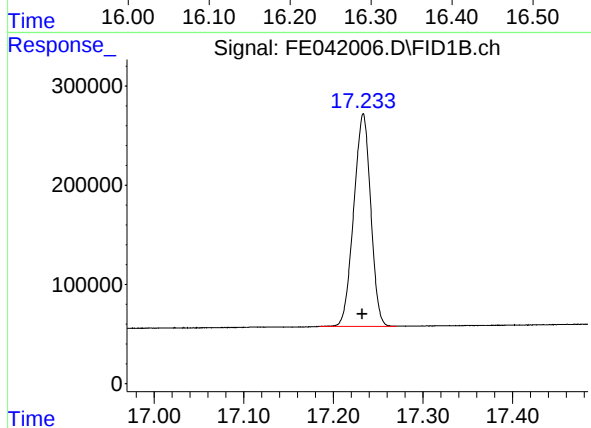
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: 0.000 min
Response: 3085733
Conc: 21.38 ug/ml



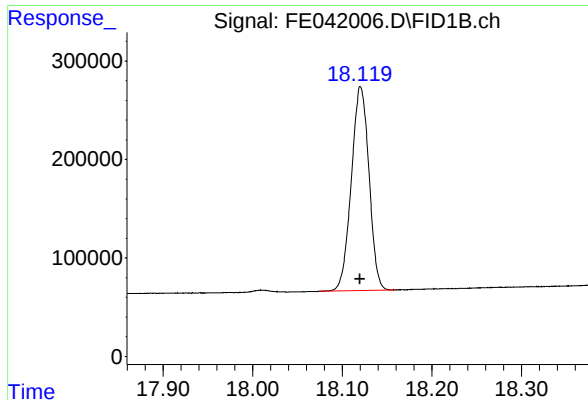
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: 0.002 min
Response: 2939910
Conc: 21.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.001 min
Response: 2819321
Conc: 21.06 ug/ml



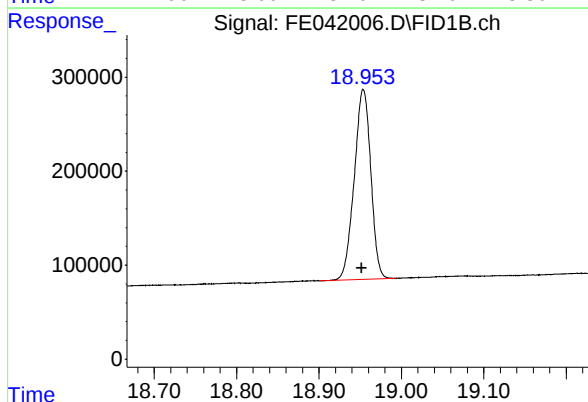
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 2840778
Conc: 21.04 ug/ml

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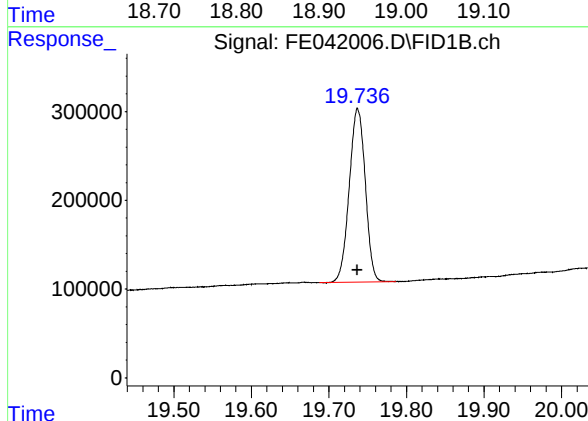
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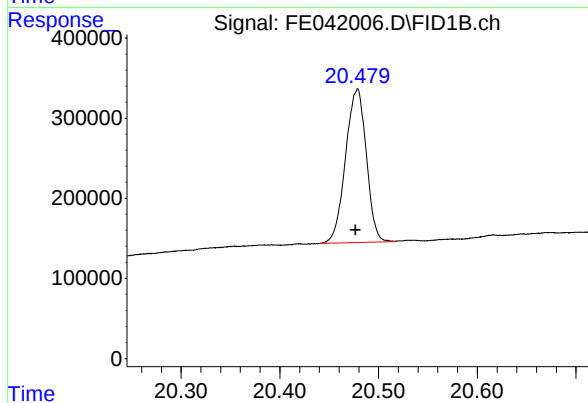
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.002 min
Response: 2825103
Conc: 21.15 ug/ml



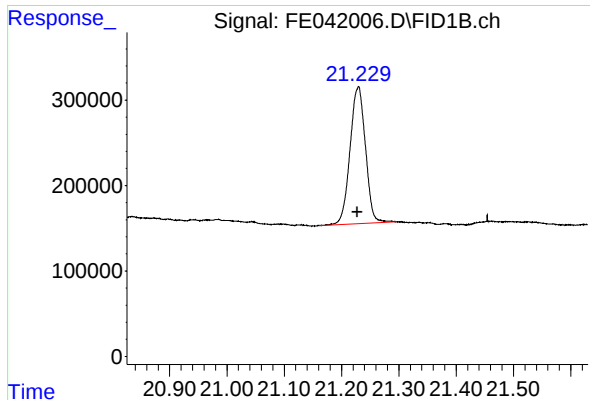
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.000 min
Response: 2812848
Conc: 21.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.002 min
Response: 2804554
Conc: 21.58 ug/ml m



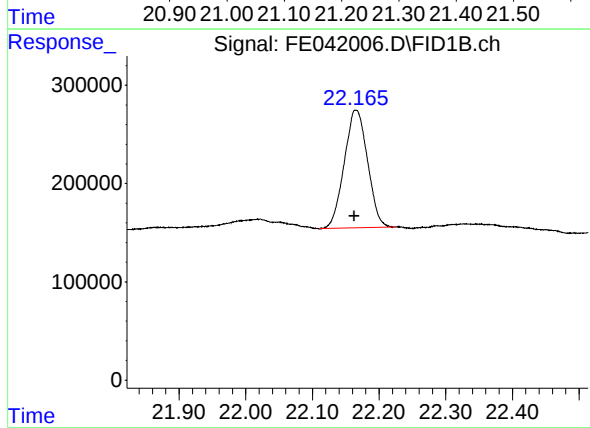
#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: 0.002 min
Response: 2990973
Conc: 22.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: 0.002 min
Response: 2906678
Conc: 20.89 ug/ml m