

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111822AL\
 Data File : FE038832.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2022 13:22
 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 11/21/2022
 Supervised By :Ankita Jodhani 11/21/2022

Integration File: sample.E
 Quant Time: Nov 20 10:18:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.958	3260479	18.948 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	13.392	2543896	18.582 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.353	3115301	20.228 ug/ml
2) T n-Decane (C10)	4.601	3140099	20.230 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3372204	19.912 ug/ml
4) T n-Dodecane (C12)	6.764	3151765	20.176 ug/ml
5) T A~2-methylnaphthalene...	7.399	3288613	19.624 ug/ml
6) T n-Tetradecane (C14)	8.590	3121561	19.960 ug/ml
7) T n-Hexadecane (C16)	10.196	3118616	19.739 ug/ml
8) T n-Octadecane (C18)	11.639	3105293	19.386 ug/ml
10) T n-Eicosane (C20)	12.947	3054630	18.958 ug/ml
11) T n-Heneicosane (C21)	13.559	3028714	18.750 ug/ml
13) T n-Docosane (C22)	14.145	2996791	18.563 ug/ml
14) T n-Tetracosane (C24)	15.248	2932086	18.280 ug/ml
15) T n-Hexacosane (C26)	16.268	2871709	18.080 ug/ml
16) T n-Octacosane (C28)	17.217	2812517	17.927 ug/ml
17) T n-Tricontane (C30)	18.104	2847917	17.849 ug/ml
18) T n-Dotriacontane (C32)	18.936	2868006	18.190 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2808095	19.048 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2897037	20.275 ug/ml
21) T n-Octatriacontane (C38)	21.203	2926019	21.664 ug/mlm
22) T n-Tetracontane (C40)	22.125	2947961	23.354 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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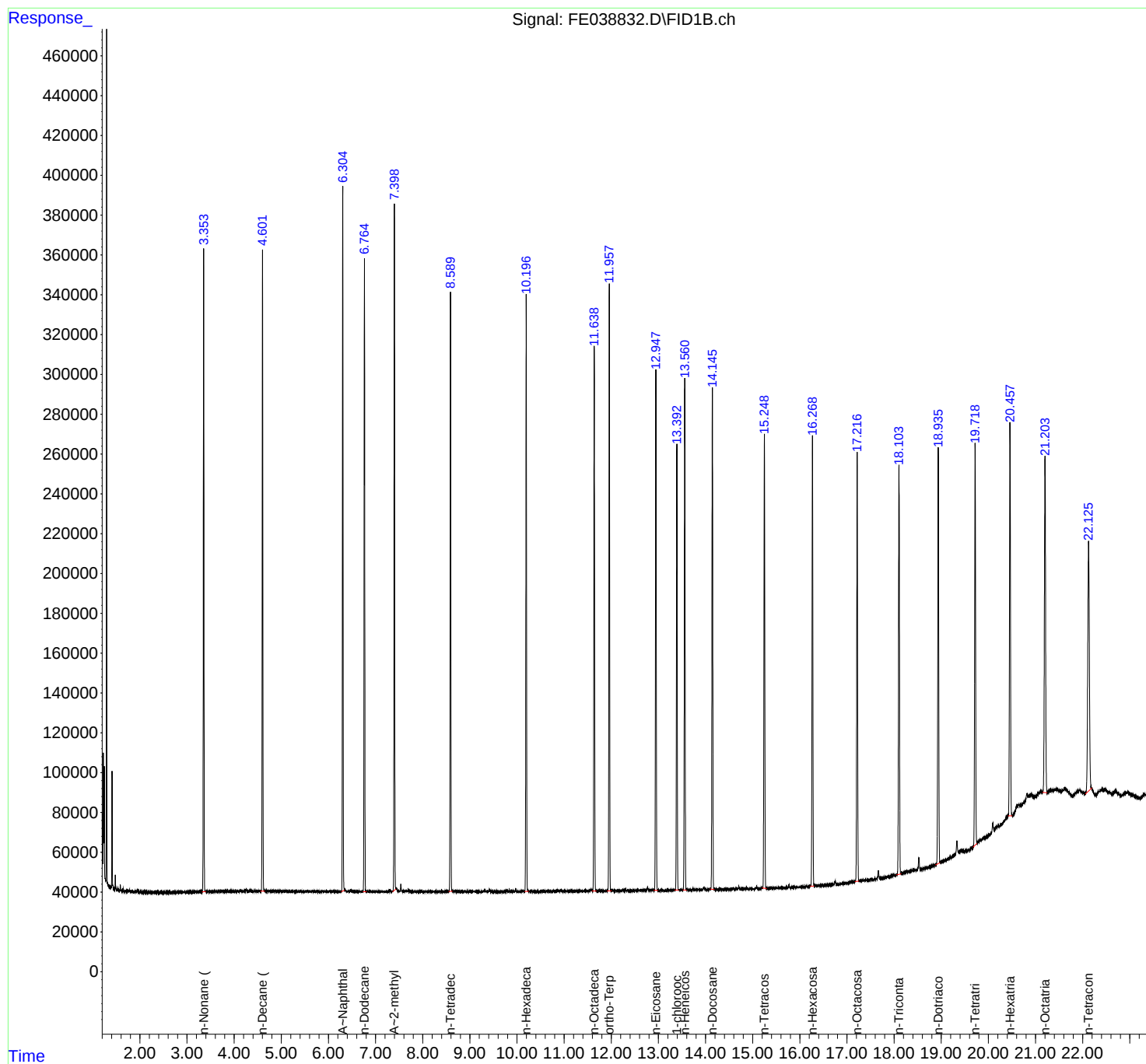
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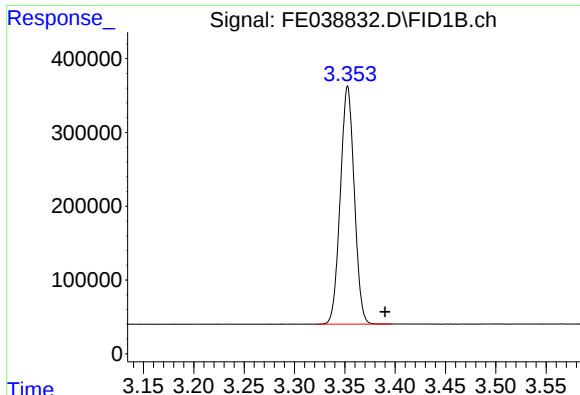
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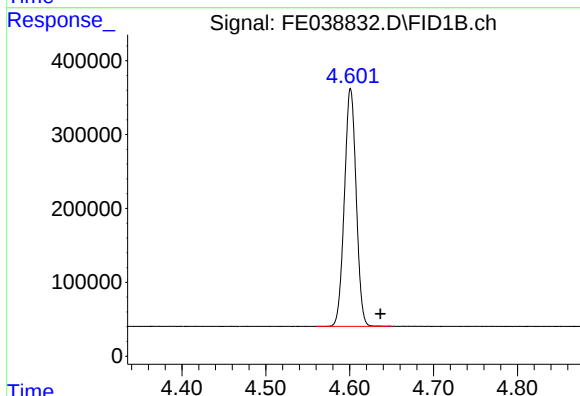
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.037 min
Response: 3115301
Conc: 20.23 ug/ml

Instrument : FID_E
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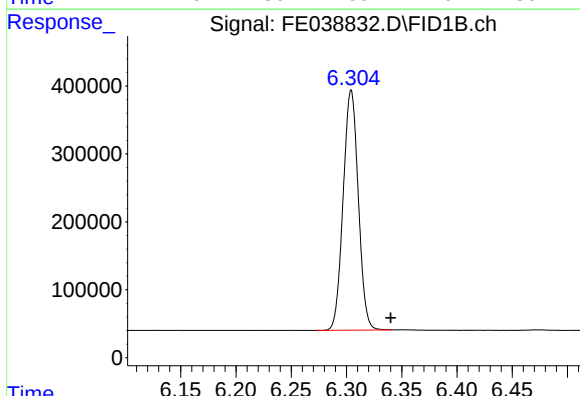
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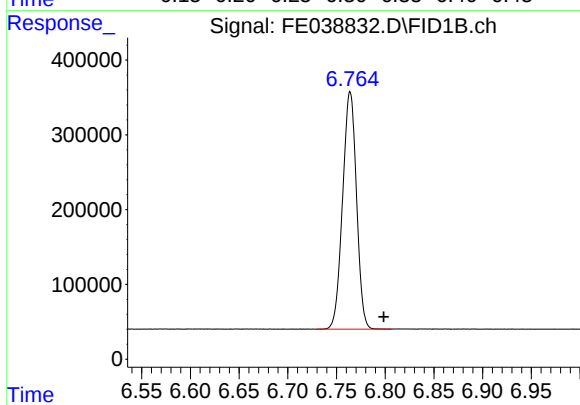
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.036 min
Response: 3140099
Conc: 20.23 ug/ml



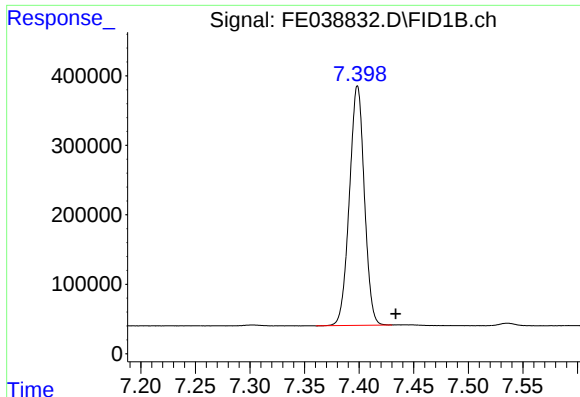
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.036 min
Response: 3372204
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.764 min
Delta R.T.: -0.034 min
Response: 3151765
Conc: 20.18 ug/ml



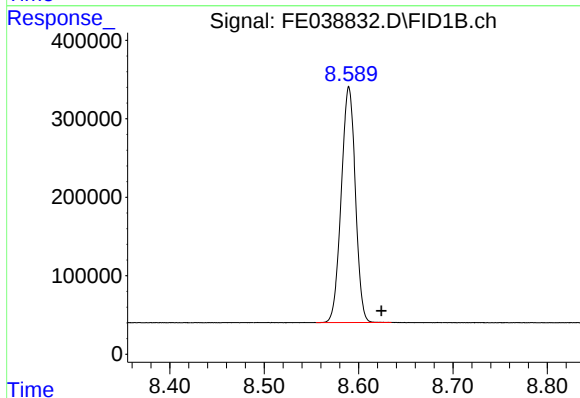
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.399 min
Delta R.T.: -0.035 min
Response: 3288613
Conc: 19.62 ug/ml

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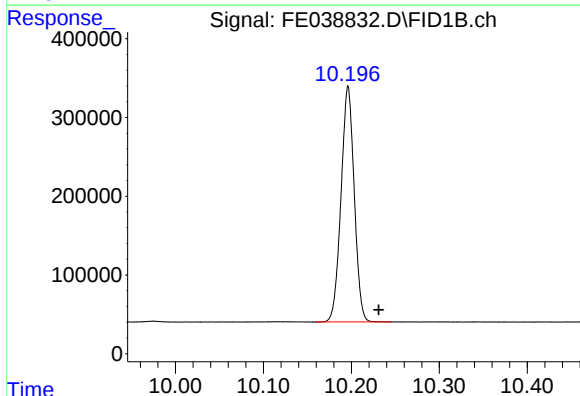
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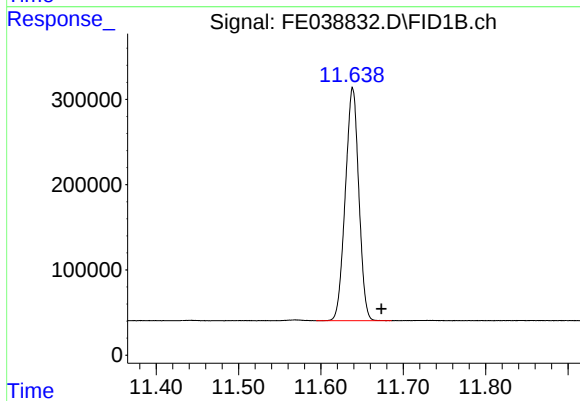
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.035 min
Response: 3121561
Conc: 19.96 ug/ml



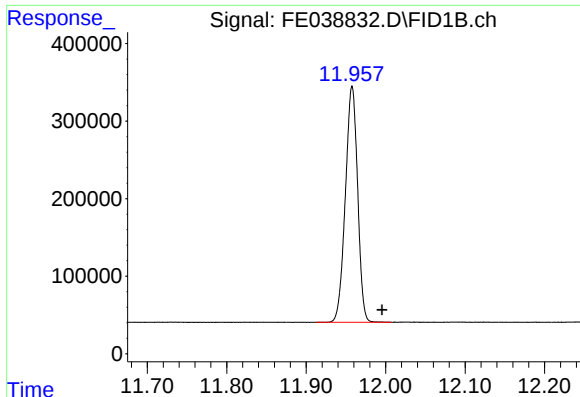
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.035 min
Response: 3118616
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.639 min
Delta R.T.: -0.035 min
Response: 3105293
Conc: 19.39 ug/ml



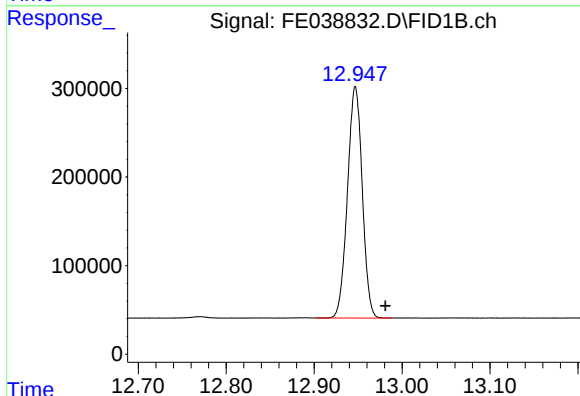
#9 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: -0.038 min
Response: 3260479
Conc: 18.95 ug/ml

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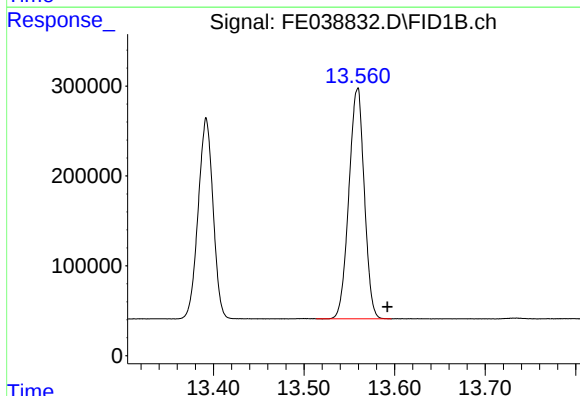
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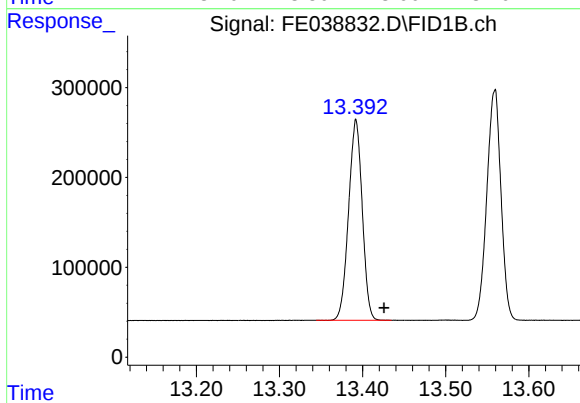
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.034 min
Response: 3054630
Conc: 18.96 ug/ml



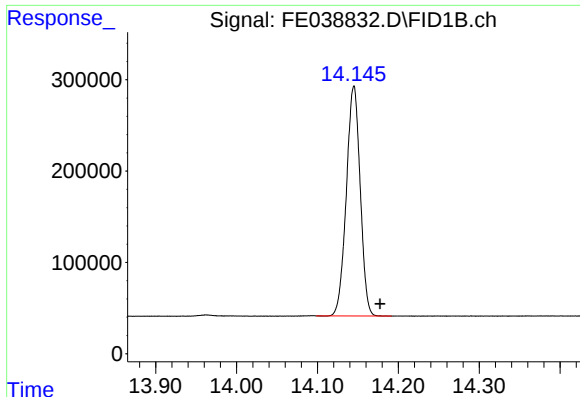
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.033 min
Response: 3028714
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.034 min
Response: 2543896
Conc: 18.58 ug/ml



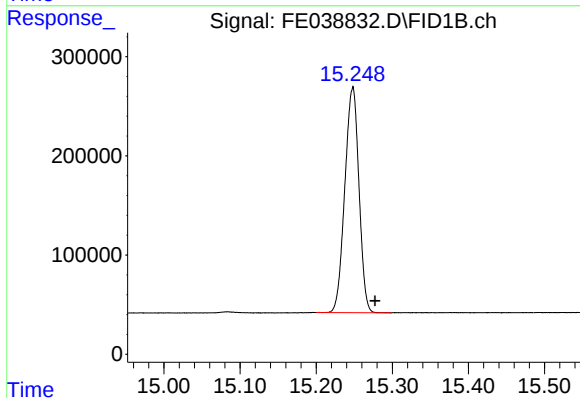
#13 n-Docosane (C22)

R.T.: 14.145 min
Delta R.T.: -0.032 min
Response: 2996791
Conc: 18.56 ug/ml

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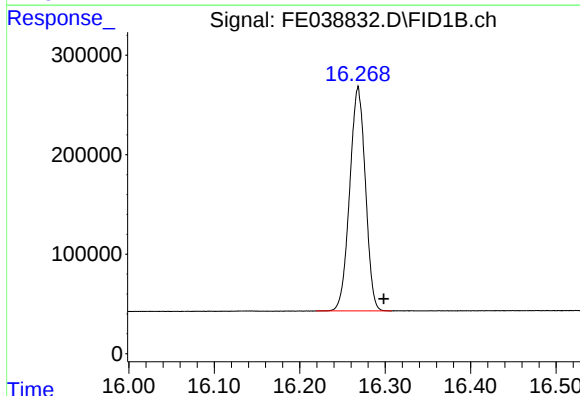
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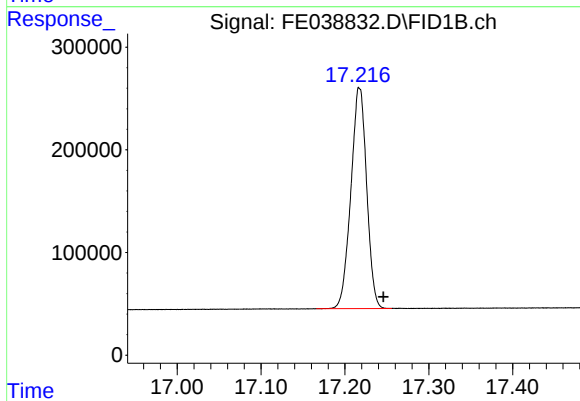
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 2932086
Conc: 18.28 ug/ml



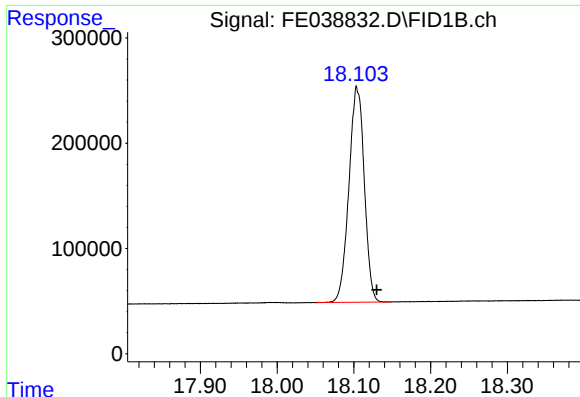
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.030 min
Response: 2871709
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.029 min
Response: 2812517
Conc: 17.93 ug/ml



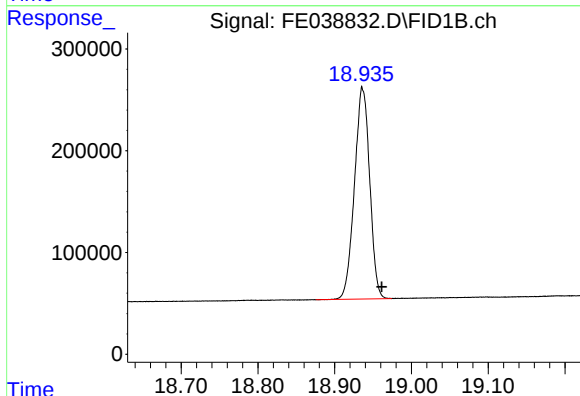
#17 n-Tricontane (C30)

R.T.: 18.104 min
Delta R.T.: -0.026 min
Response: 2847917
Conc: 17.85 ug/ml

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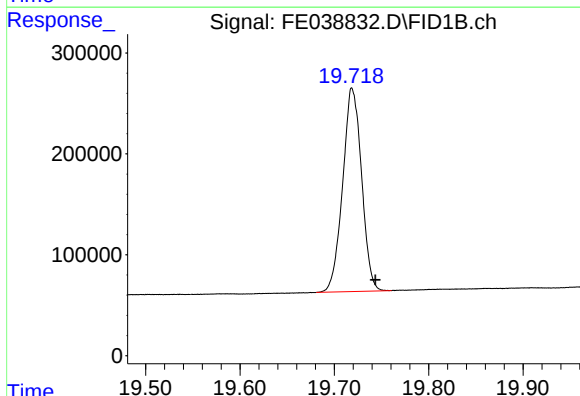
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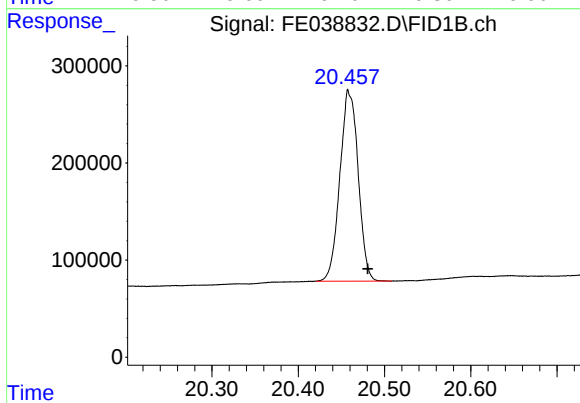
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.025 min
Response: 2868006
Conc: 18.19 ug/ml



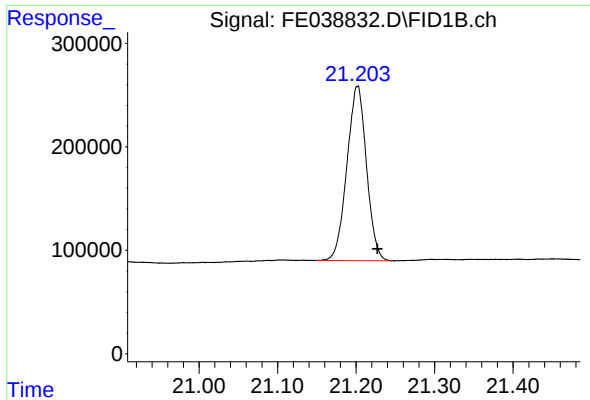
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.025 min
Response: 2808095
Conc: 19.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.022 min
Response: 2897037
Conc: 20.28 ug/ml



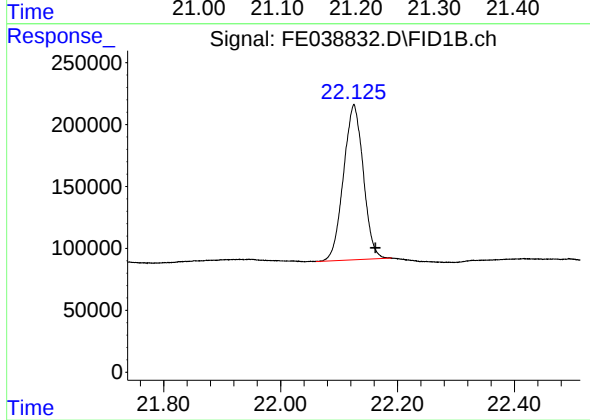
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 2926019
Conc: 21.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.037 min
Response: 2947961
Conc: 23.35 ug/ml m