

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110222AL\
 Data File : FE038503.D
 Signal(s) : FID1B.ch
 Acq On : 02 Nov 2022 12:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2022
 Supervised By :Ankita Jodhani 11/03/2022

Integration File: autoint1.e
 Quant Time: Nov 03 04:23:34 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)	11.966	3306790	19.218 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
12) S 1-chlorooctadecane (S...	13.399	2571462	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.364	3224365	20.936 ug/ml
2) T n-Decane (C10)	4.612	3247404	20.921 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3441376	20.321 ug/ml
4) T n-Dodecane (C12)	6.773	3244500	20.769 ug/ml
5) T A~2-methylnaphthalene...	7.407	3344918	19.959 ug/ml
6) T n-Tetradecane (C14)	8.598	3208223	20.514 ug/ml
7) T n-Hexadecane (C16)	10.204	3186400	20.168 ug/ml
8) T n-Octadecane (C18)	11.646	3162733	19.745 ug/ml
10) T n-Eicosane (C20)	12.954	3098095	19.228 ug/ml
11) T n-Heneicosane (C21)	13.565	3067439	18.989 ug/ml
13) T n-Docosane (C22)	14.150	3041030	18.837 ug/ml
14) T n-Tetracosane (C24)	15.252	2958280	18.443 ug/ml
15) T n-Hexacosane (C26)	16.272	2905845	18.295 ug/ml
16) T n-Octacosane (C28)	17.221	2886575	18.399 ug/ml
17) T n-Tricontane (C30)	18.106	3008216	18.853 ug/mlm
18) T n-Dotriacontane (C32)	18.938	3077289	19.517 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2963059	20.099 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	2980692	20.861 ug/ml
21) T n-Octatriacontane (C38)	21.201	2996617	22.187 ug/ml
22) T n-Tetracontane (C40)	22.125	3145427	24.918 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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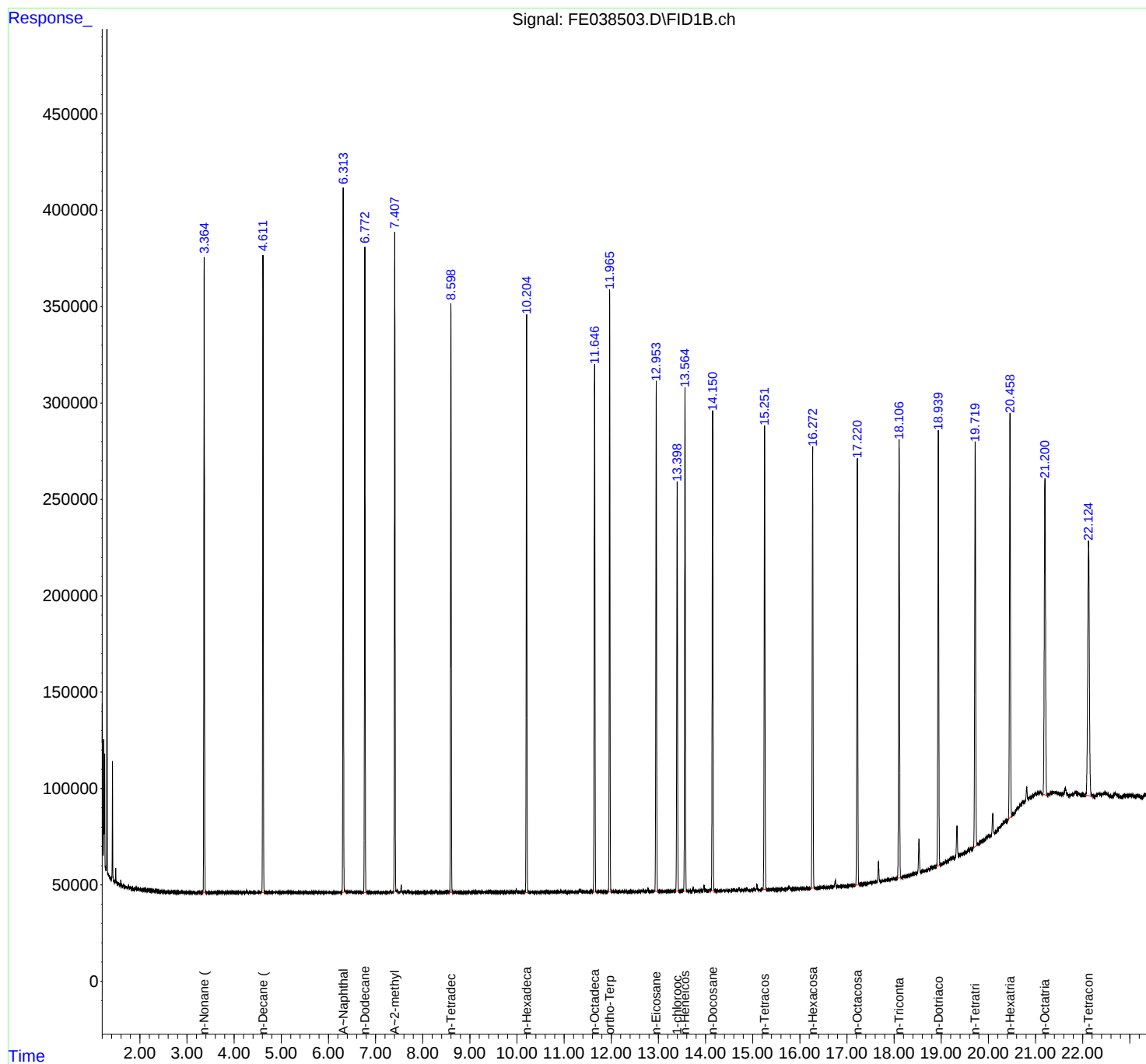
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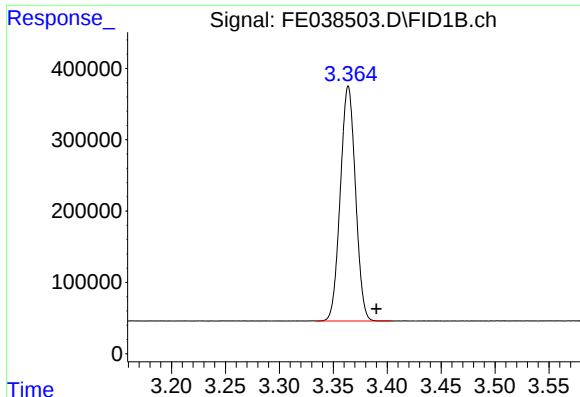
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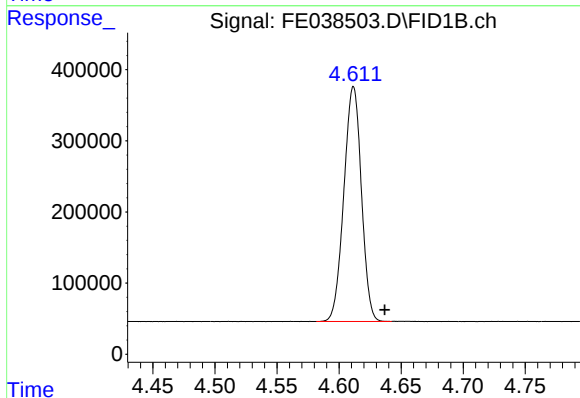
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: -0.026 min
Response: 3224365
Conc: 20.94 ug/ml

Instrument :
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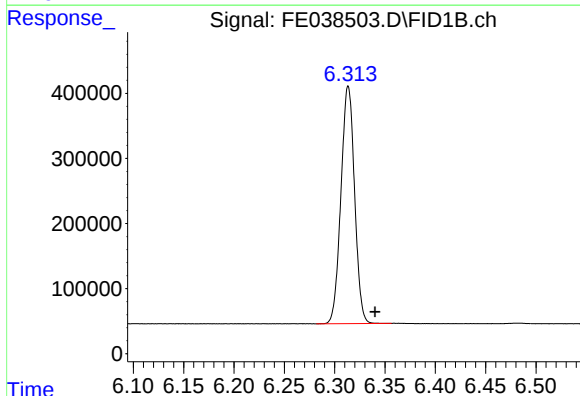
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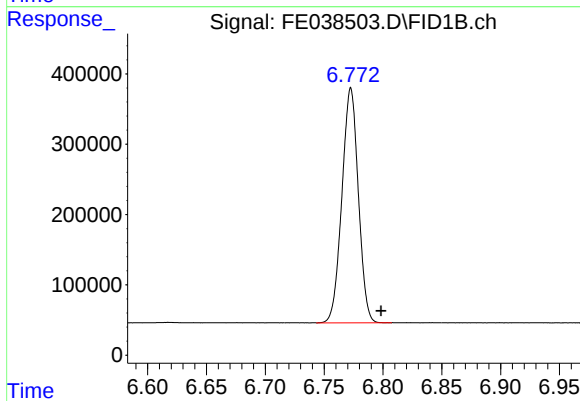
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.025 min
Response: 3247404
Conc: 20.92 ug/ml



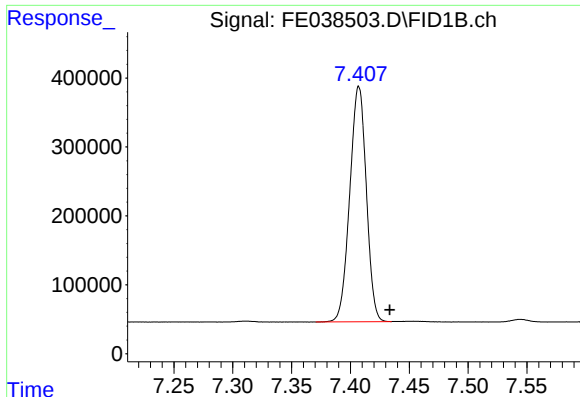
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.027 min
Response: 3441376
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.026 min
Response: 3244500
Conc: 20.77 ug/ml



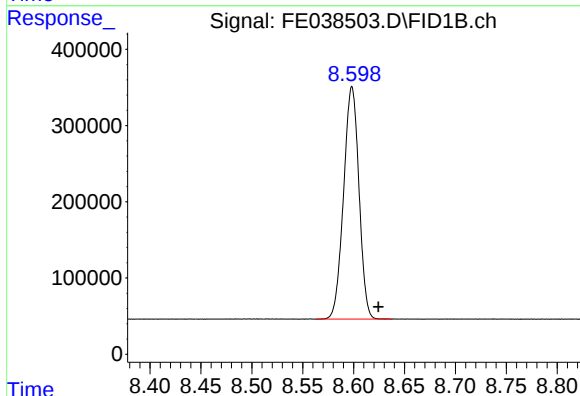
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: -0.026 min
Response: 3344918
Conc: 19.96 ug/ml

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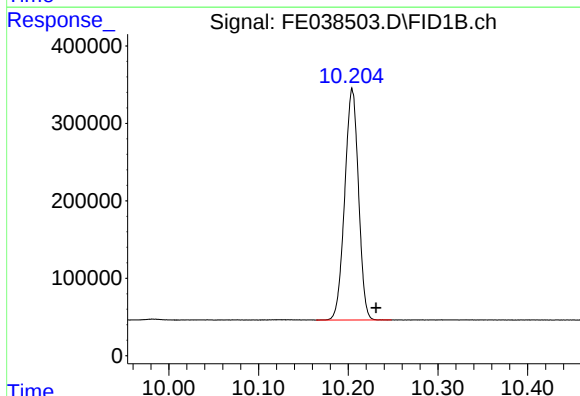
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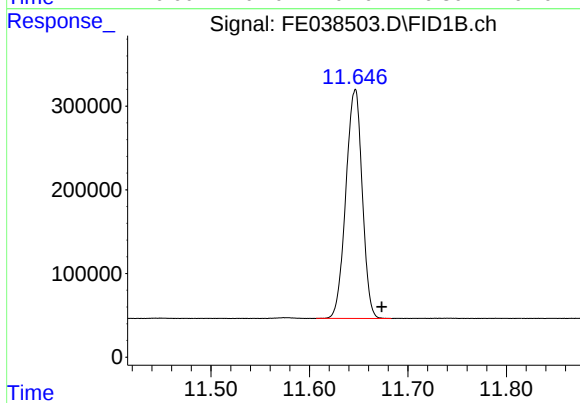
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.026 min
Response: 3208223
Conc: 20.51 ug/ml



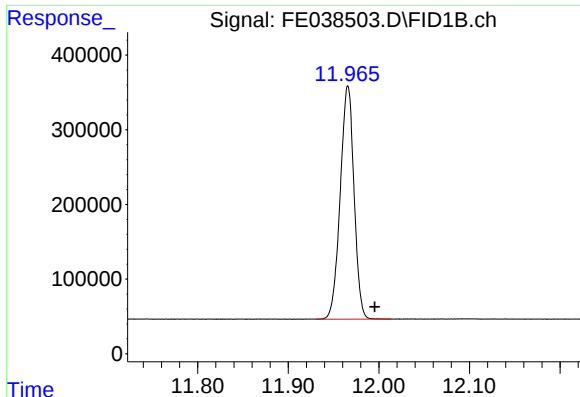
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.027 min
Response: 3186400
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.027 min
Response: 3162733
Conc: 19.74 ug/ml



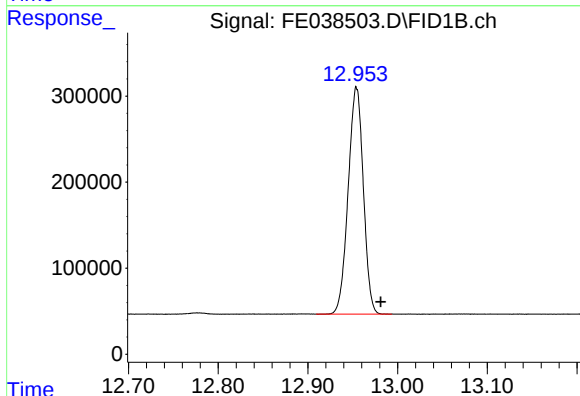
#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: -0.030 min
Response: 3306790
Conc: 19.22 ug/ml

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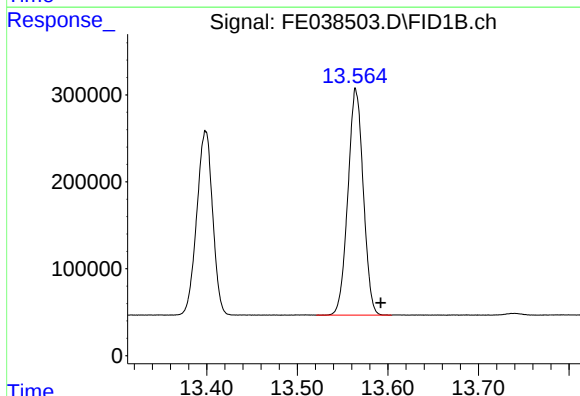
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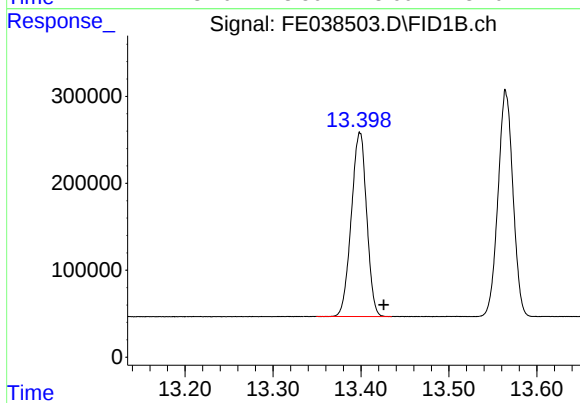
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: -0.027 min
Response: 3098095
Conc: 19.23 ug/ml



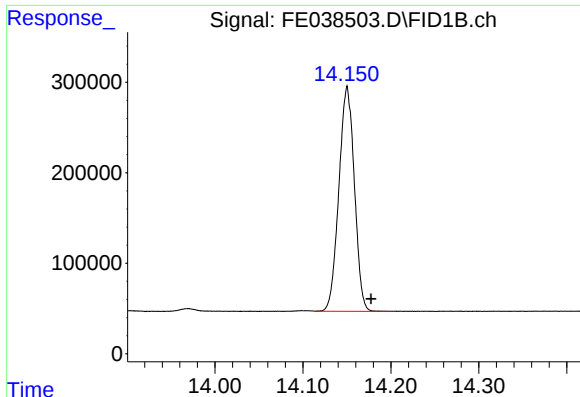
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 3067439
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min
Delta R.T.: -0.027 min
Response: 2571462
Conc: 18.78 ug/ml



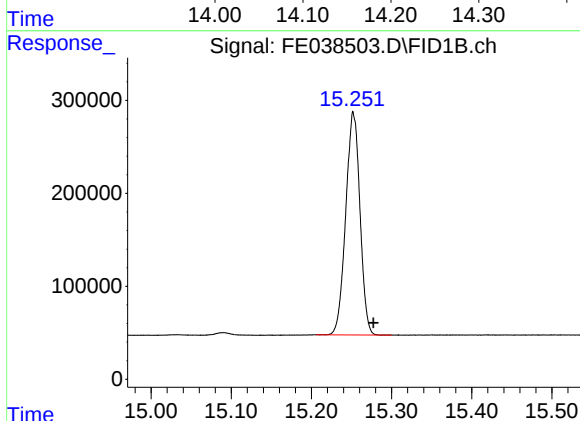
#13 n-Docosane (C22)

R.T.: 14.150 min
Delta R.T.: -0.027 min
Response: 3041030
Conc: 18.84 ug/ml

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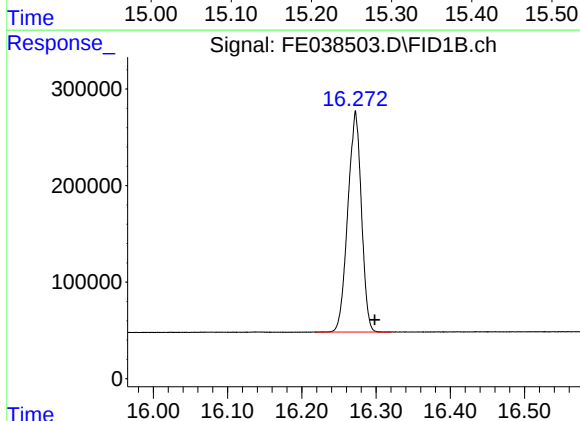
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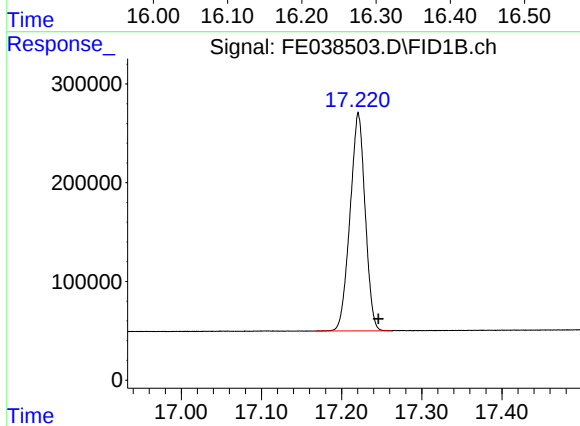
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.025 min
Response: 2958280
Conc: 18.44 ug/ml



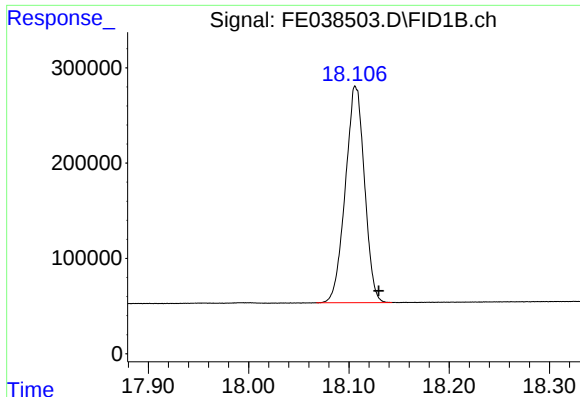
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.026 min
Response: 2905845
Conc: 18.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 2886575
Conc: 18.40 ug/ml



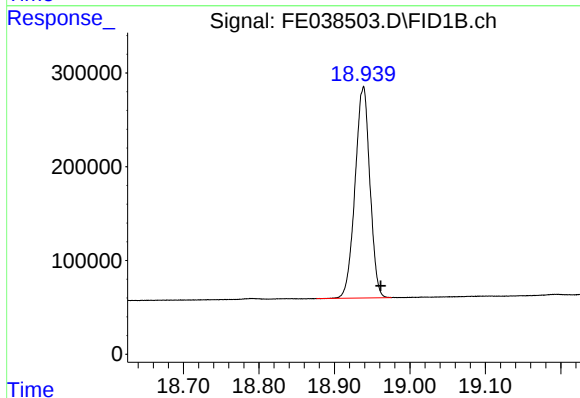
#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: -0.024 min
Response: 3008216
Conc: 18.85 ug/ml

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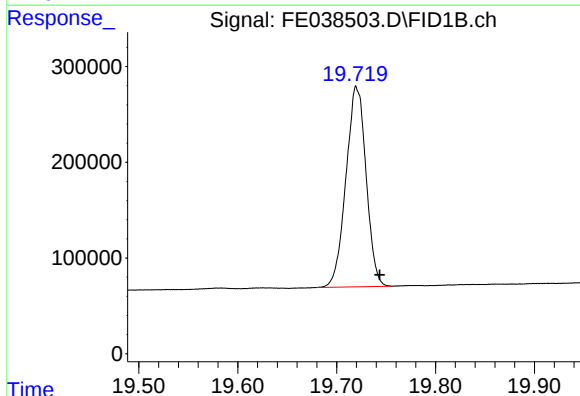
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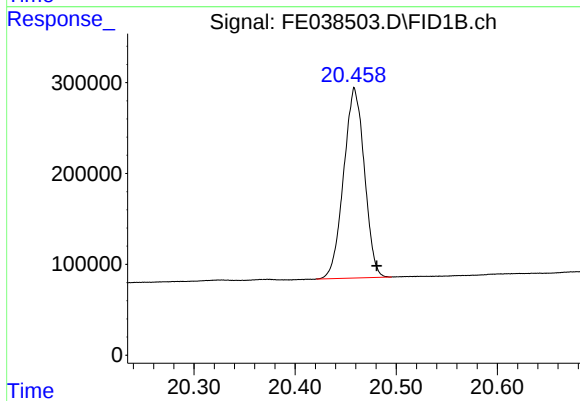
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.023 min
Response: 3077289
Conc: 19.52 ug/ml



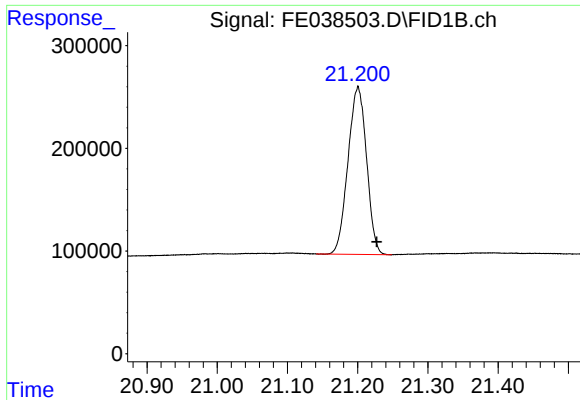
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.024 min
Response: 2963059
Conc: 20.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.022 min
Response: 2980692
Conc: 20.86 ug/ml



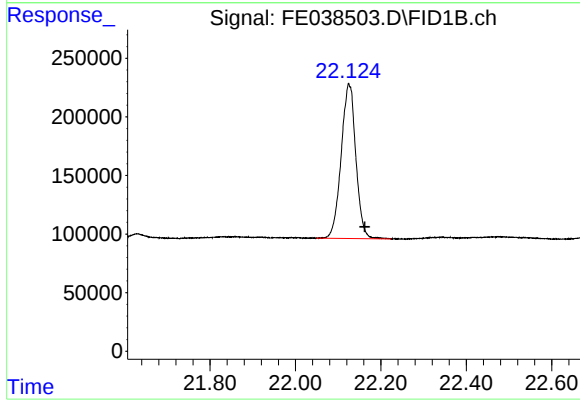
#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.027 min
Response: 2996617
Conc: 22.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.037 min
Response: 3145427
Conc: 24.92 ug/ml