

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038736.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2022 04:33
 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 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 05:07:01 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)	11.961	3241935	18.841 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
12) S 1-chlorooctadecane (S...	13.394	2547187	18.606 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.356	3094578	20.093 ug/ml
2) T n-Decane (C10)	4.605	3161681	20.369 ug/ml
3) T A~Naphthalene (C11.7)	6.309	3391259	20.025 ug/ml
4) T n-Dodecane (C12)	6.768	3150987	20.171 ug/ml
5) T A~2-methylnaphthalene...	7.403	3307890	19.739 ug/ml
6) T n-Tetradecane (C14)	8.593	3121956	19.963 ug/ml
7) T n-Hexadecane (C16)	10.200	3107410	19.668 ug/ml
8) T n-Octadecane (C18)	11.641	3080344	19.231 ug/ml
10) T n-Eicosane (C20)	12.950	3015384	18.714 ug/ml
11) T n-Heneicosane (C21)	13.561	2988816	18.503 ug/ml
13) T n-Docosane (C22)	14.147	2980807	18.464 ug/ml
14) T n-Tetracosane (C24)	15.248	2956589	18.433 ug/ml
15) T n-Hexacosane (C26)	16.270	2928406	18.437 ug/ml
16) T n-Octacosane (C28)	17.219	3007057	19.167 ug/ml
17) T n-Tricontane (C30)	18.105	3285186	20.589 ug/mlm
18) T n-Dotriacontane (C32)	18.938	3443298	21.839 ug/ml
19) T n-Tetratriacontane (C34)	19.719	3259918	22.112 ug/mlm
20) T n-Hexatriacontane (C36)	20.462	3218673	22.526 ug/ml
21) T n-Octatriacontane (C38)	21.203	3193462	23.644 ug/ml
22) T n-Tetracontane (C40)	22.127	3060413	24.245 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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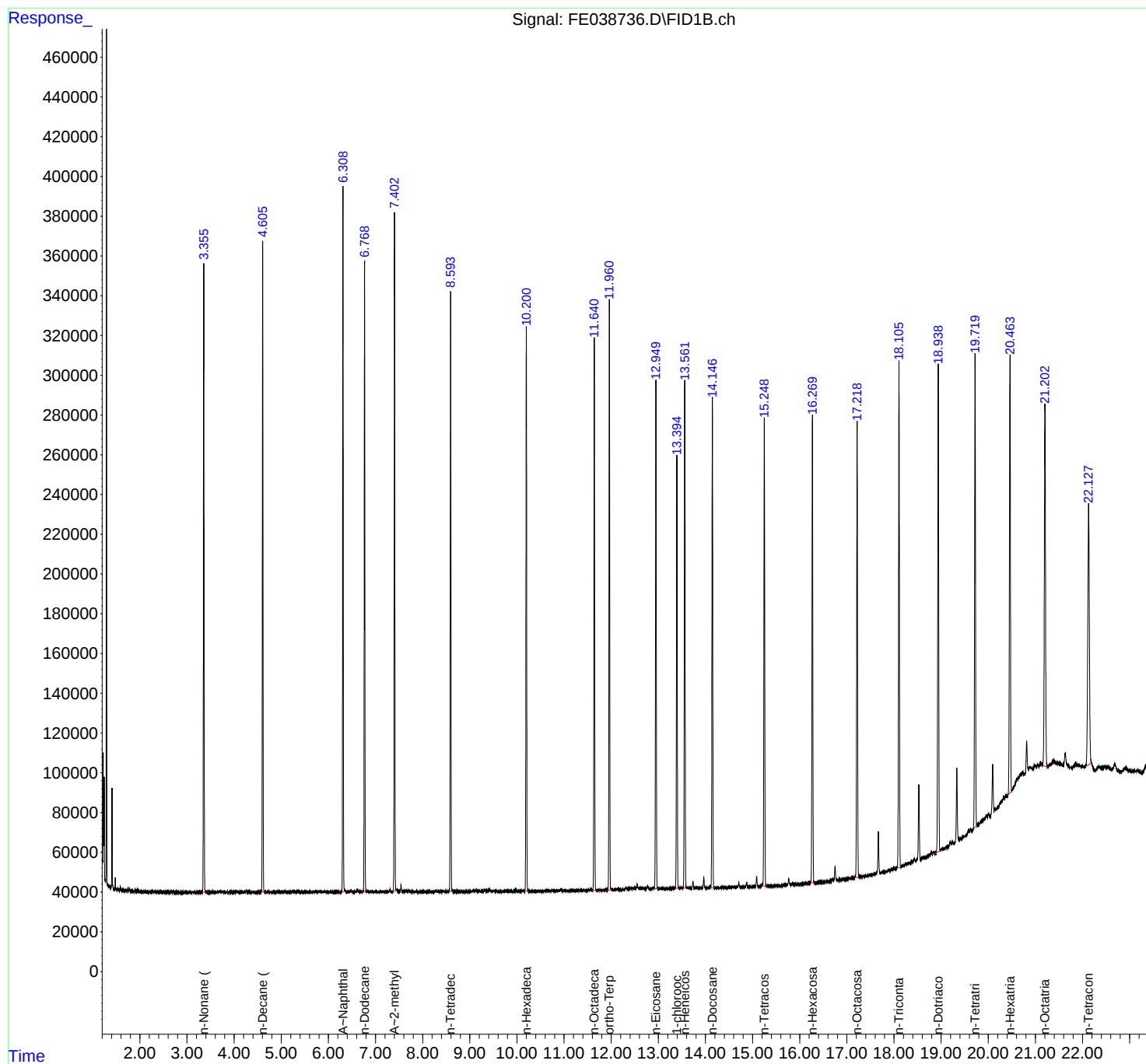
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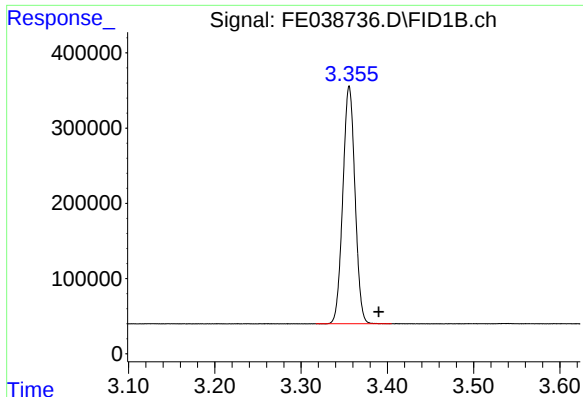
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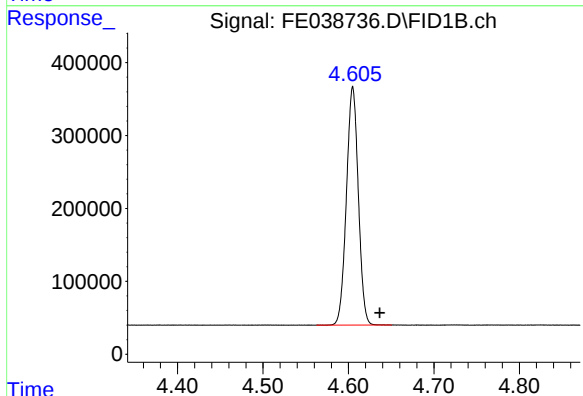
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.034 min
Response: 3094578
Conc: 20.09 ug/ml

Instrument :
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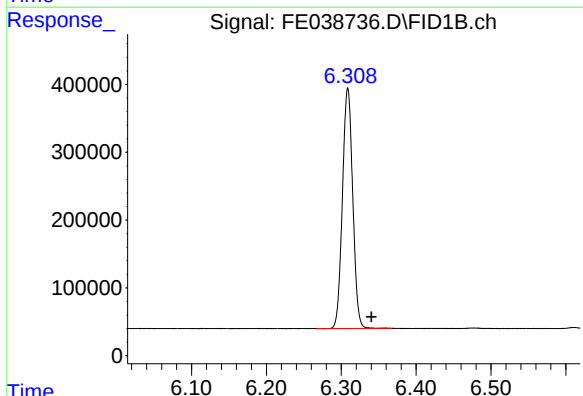
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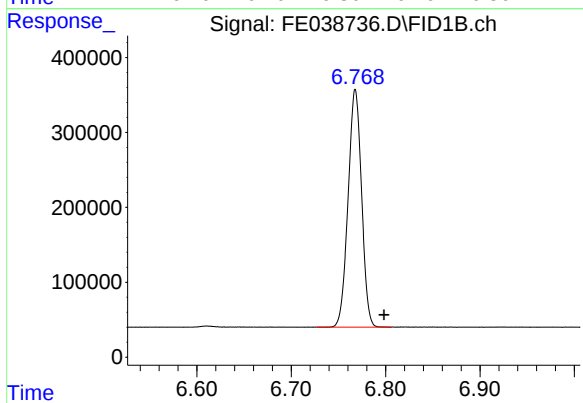
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: -0.032 min
Response: 3161681
Conc: 20.37 ug/ml



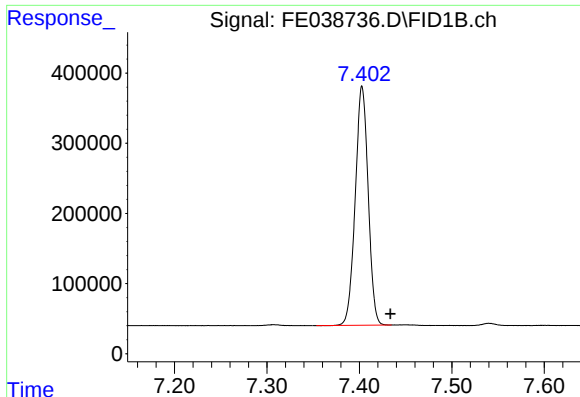
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: -0.031 min
Response: 3391259
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: -0.030 min
Response: 3150987
Conc: 20.17 ug/ml



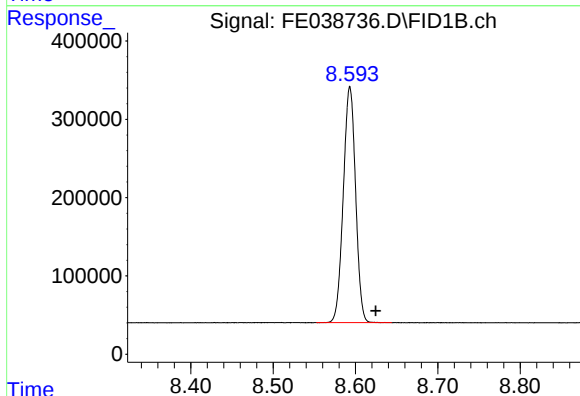
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.031 min
Response: 3307890
Conc: 19.74 ug/ml

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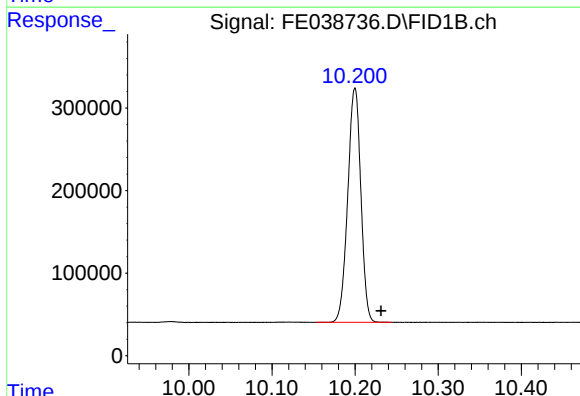
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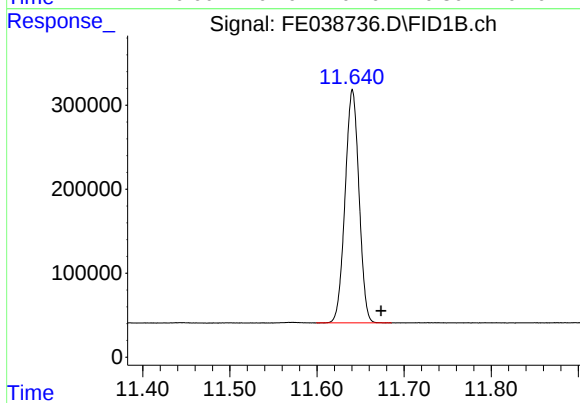
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.031 min
Response: 3121956
Conc: 19.96 ug/ml



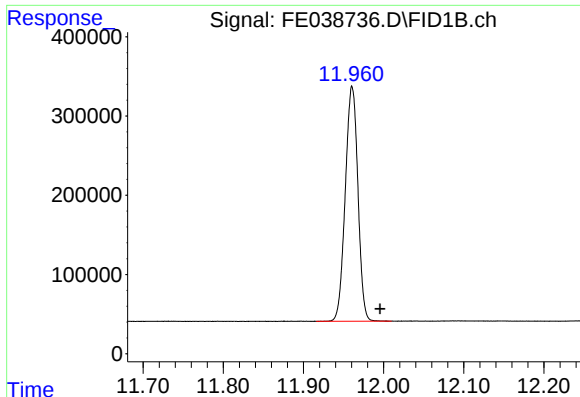
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.031 min
Response: 3107410
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.641 min
Delta R.T.: -0.033 min
Response: 3080344
Conc: 19.23 ug/ml



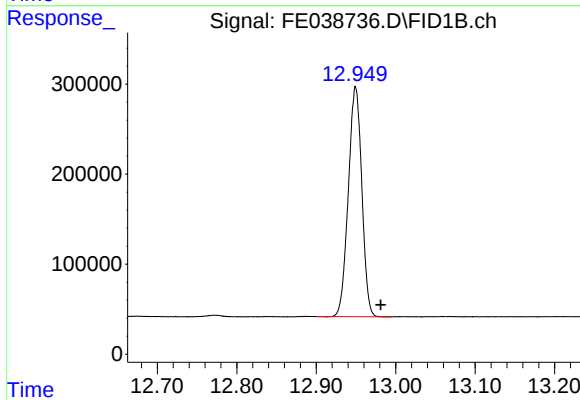
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.035 min
Response: 3241935
Conc: 18.84 ug/ml

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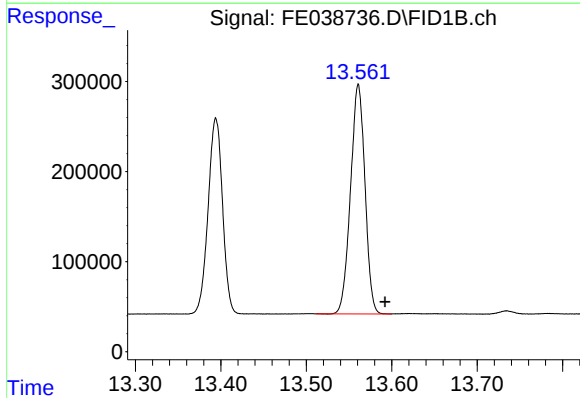
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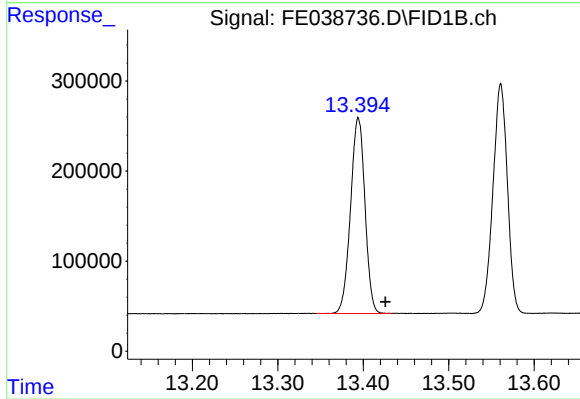
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.032 min
Response: 3015384
Conc: 18.71 ug/ml



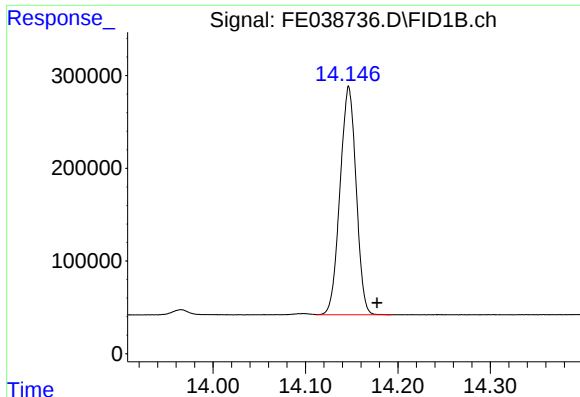
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.031 min
Response: 2988816
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.031 min
Response: 2547187
Conc: 18.61 ug/ml



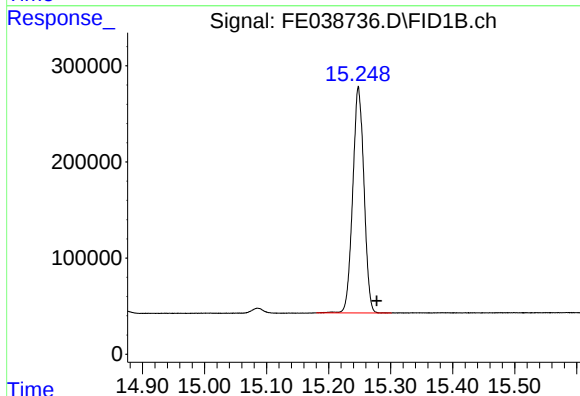
#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.031 min
Response: 2980807
Conc: 18.46 ug/ml

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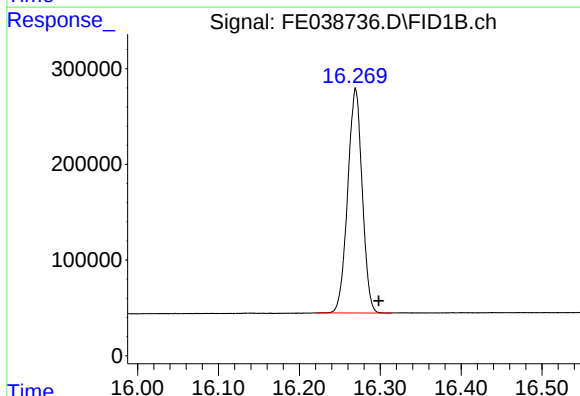
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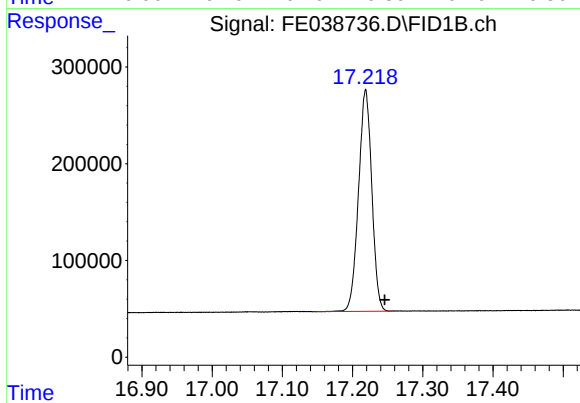
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 2956589
Conc: 18.43 ug/ml



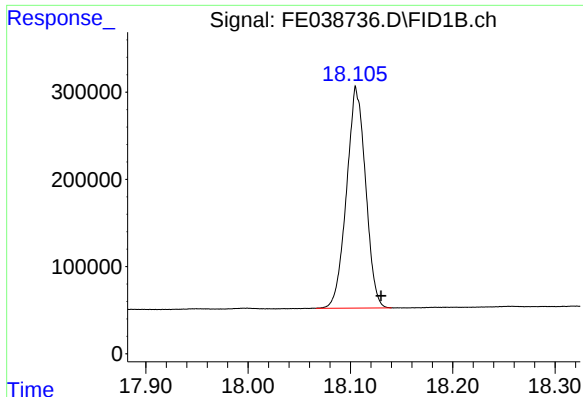
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.029 min
Response: 2928406
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.027 min
Response: 3007057
Conc: 19.17 ug/ml



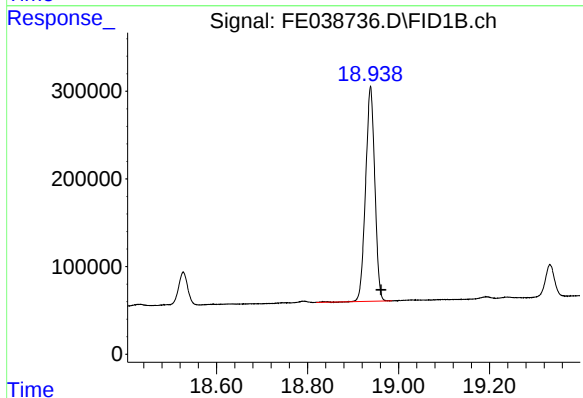
#17 n-Tricontane (C30)

R.T.: 18.105 min
Delta R.T.: -0.025 min
Response: 3285186
Conc: 20.59 ug/ml

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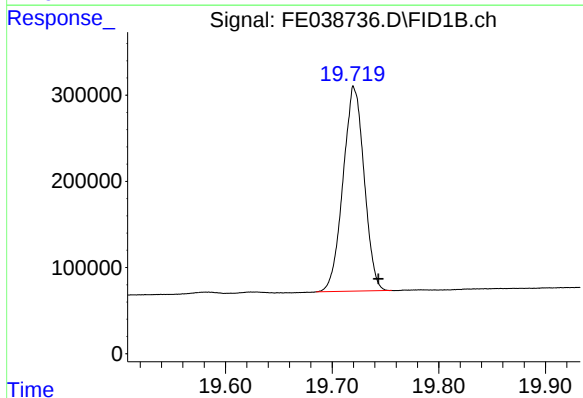
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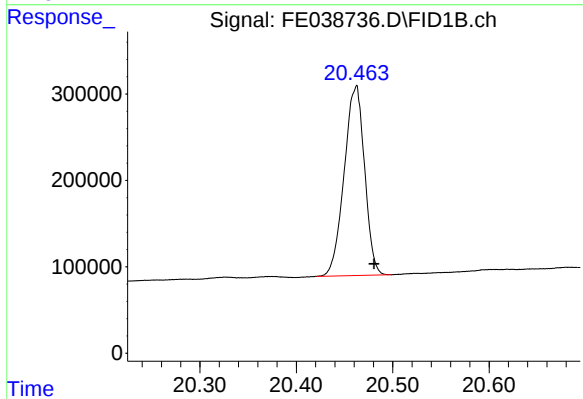
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.023 min
Response: 3443298
Conc: 21.84 ug/ml



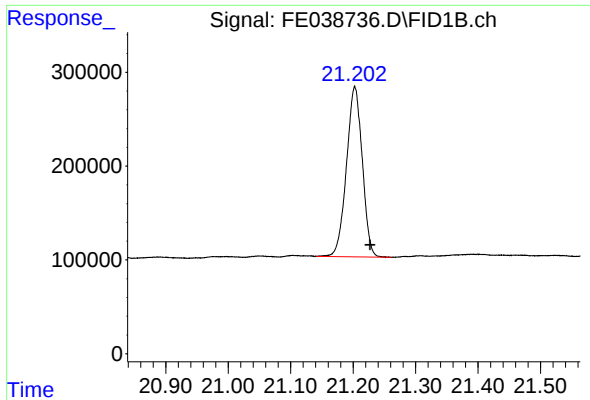
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.024 min
Response: 3259918
Conc: 22.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.019 min
Response: 3218673
Conc: 22.53 ug/ml



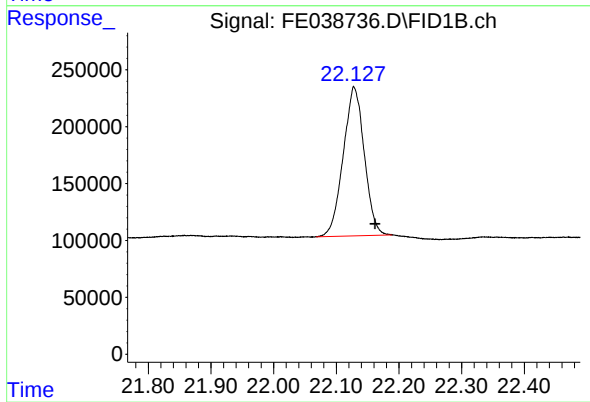
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 3193462
Conc: 23.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.035 min
Response: 3060413
Conc: 24.24 ug/ml m