

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111422AL\
 Data File : FE038769.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2022 14:45
 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 11/15/2022
 Supervised By :Ankita Jodhani 11/15/2022

Integration File: sample.E
 Quant Time: Nov 15 03:59:14 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)	11.965	2658968	15.453 ug/ml
Spiked Amount 50.000		Recovery =	30.91%
12) S 1-chlorooctadecane (S...	13.398	2071061	15.128 ug/ml
Spiked Amount 50.000		Recovery =	30.26%
Target Compounds			
1) T n-Nonane (C9)	3.355	2505915	16.271 ug/ml
2) T n-Decane (C10)	4.606	2582257	16.636 ug/ml
3) T A~Naphthalene (C11.7)	6.311	2777124	16.398 ug/ml
4) T n-Dodecane (C12)	6.769	2574191	16.478 ug/ml
5) T A~2-methylnaphthalene...	7.406	2702985	16.129 ug/ml
6) T n-Tetradecane (C14)	8.596	2556773	16.349 ug/ml
7) T n-Hexadecane (C16)	10.203	2556969	16.184 ug/ml
8) T n-Octadecane (C18)	11.645	2550255	15.921 ug/ml
10) T n-Eicosane (C20)	12.953	2494372	15.481 ug/ml
11) T n-Heneicosane (C21)	13.566	2470257	15.293 ug/ml
13) T n-Docosane (C22)	14.151	2460272	15.239 ug/ml
14) T n-Tetracosane (C24)	15.254	2428471	15.140 ug/ml
15) T n-Hexacosane (C26)	16.275	2387256	15.030 ug/ml
16) T n-Octacosane (C28)	17.225	2404837	15.328 ug/ml
17) T n-Tricontane (C30)	18.111	2554543	16.010 ug/ml
18) T n-Dotriacontane (C32)	18.944	2690351	17.063 ug/mlm
19) T n-Tetratriacontane (C34)	19.726	2640256	17.909 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	2656508	18.592 ug/ml
21) T n-Octatriacontane (C38)	21.214	2769594	20.506 ug/mlm
22) T n-Tetracontane (C40)	22.140	2709269	21.463 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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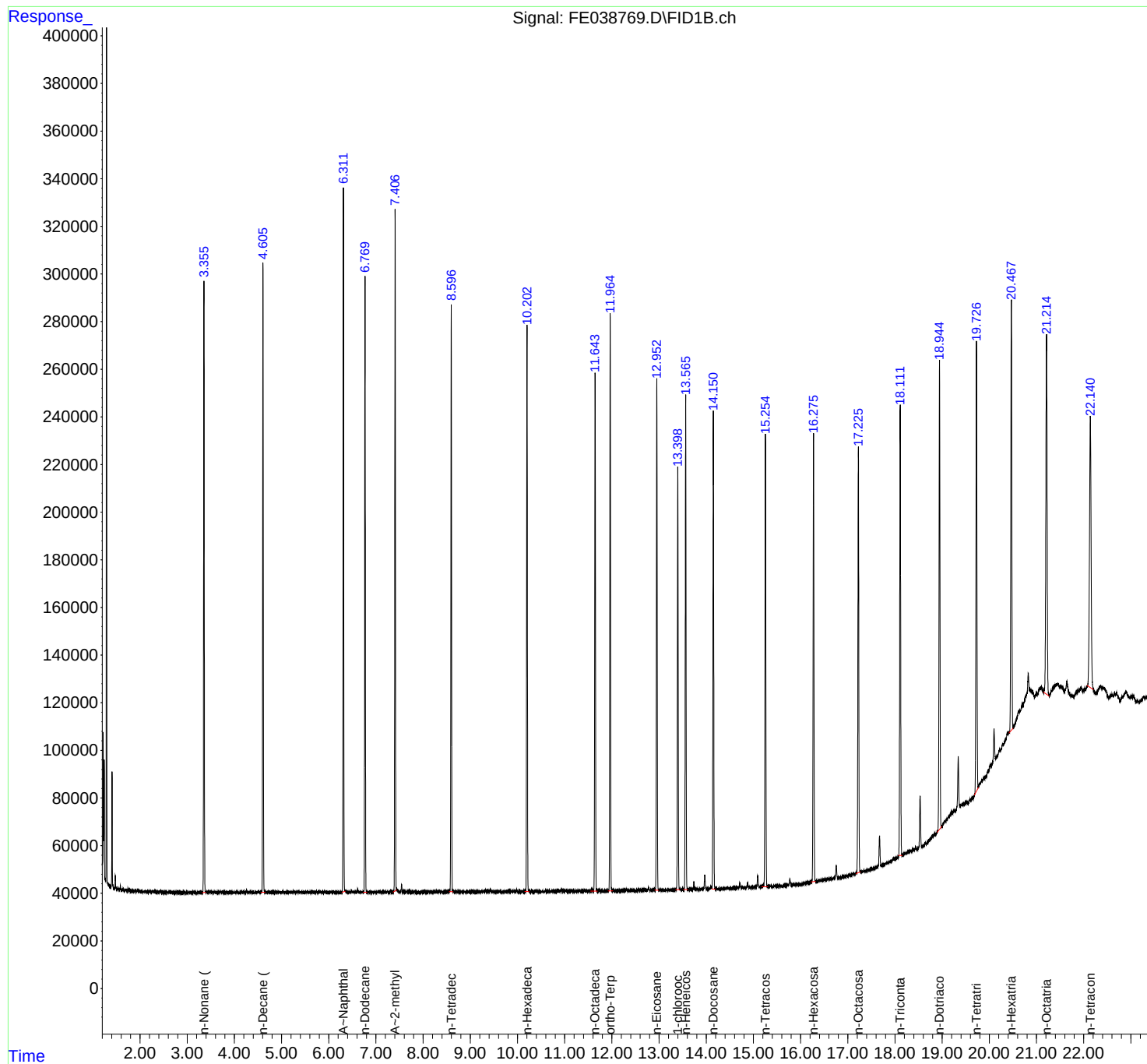
Instrument :
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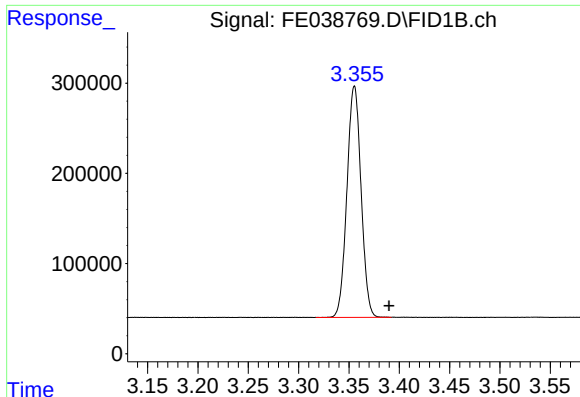
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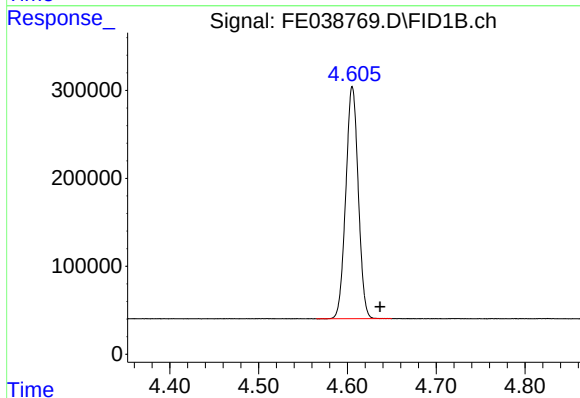
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.035 min
Response: 2505915
Conc: 16.27 ug/ml

Instrument :
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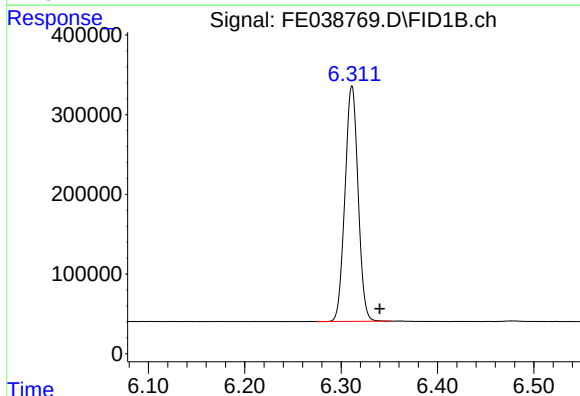
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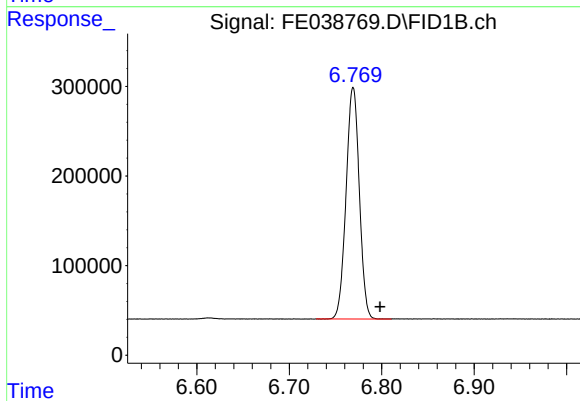
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.031 min
Response: 2582257
Conc: 16.64 ug/ml



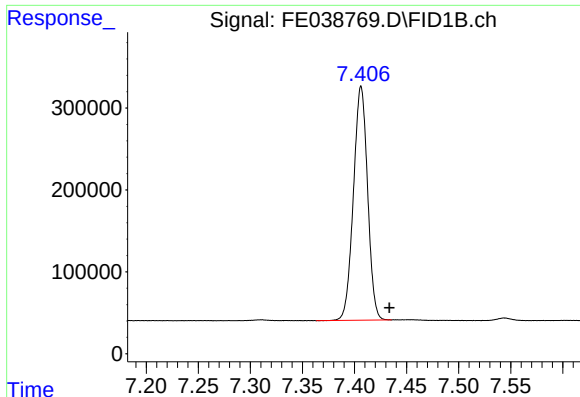
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.029 min
Response: 2777124
Conc: 16.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.029 min
Response: 2574191
Conc: 16.48 ug/ml



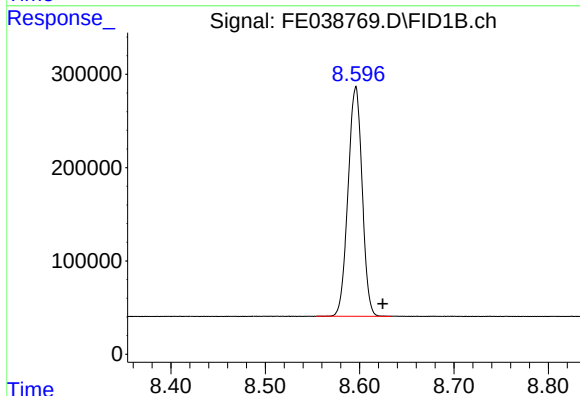
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: -0.027 min
Response: 2702985
Conc: 16.13 ug/ml

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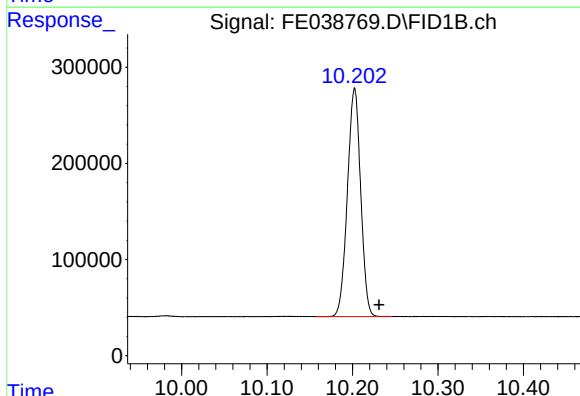
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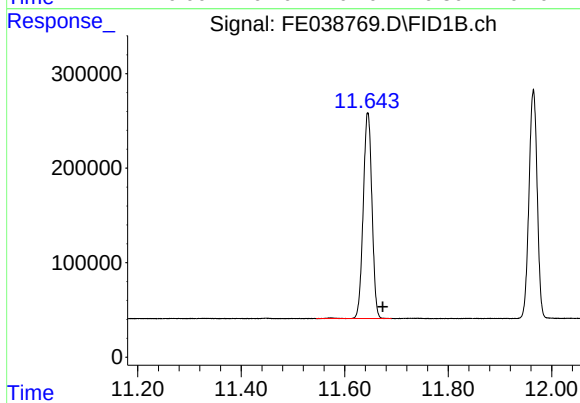
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.028 min
Response: 2556773
Conc: 16.35 ug/ml



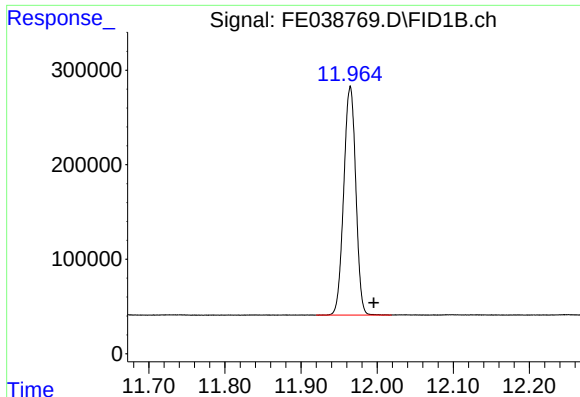
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.029 min
Response: 2556969
Conc: 16.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.029 min
Response: 2550255
Conc: 15.92 ug/ml



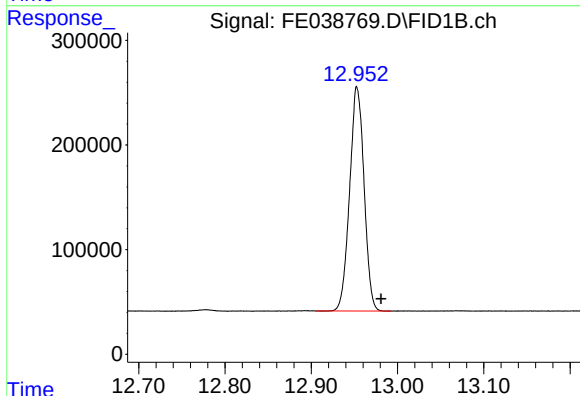
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.031 min
Response: 2658968
Conc: 15.45 ug/ml

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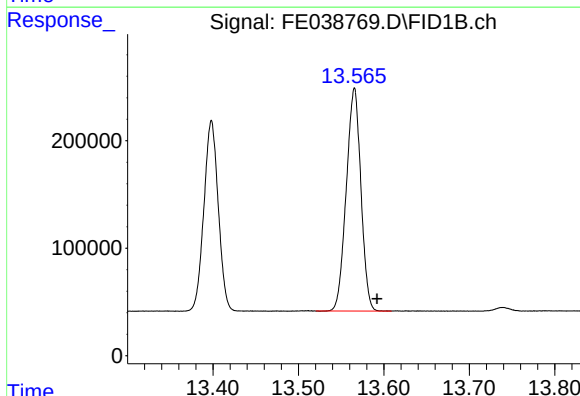
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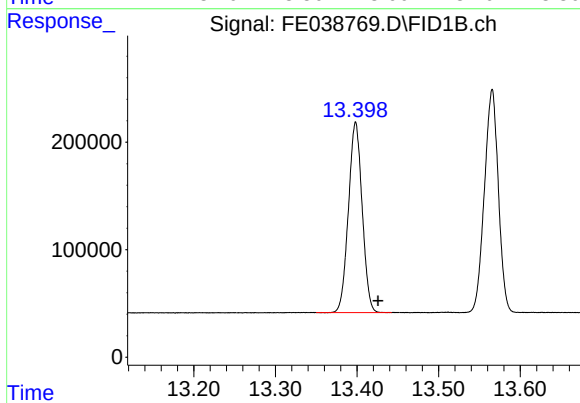
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.028 min
Response: 2494372
Conc: 15.48 ug/ml



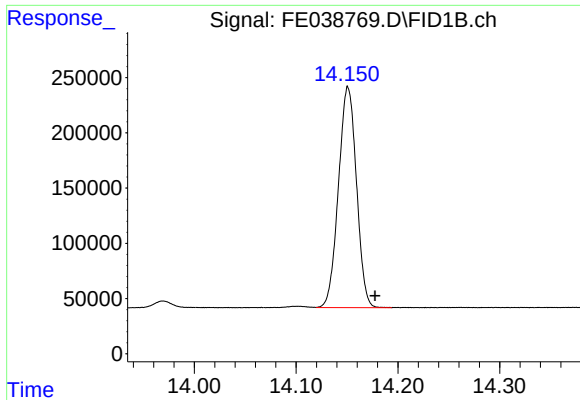
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.026 min
Response: 2470257
Conc: 15.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.398 min
Delta R.T.: -0.027 min
Response: 2071061
Conc: 15.13 ug/ml



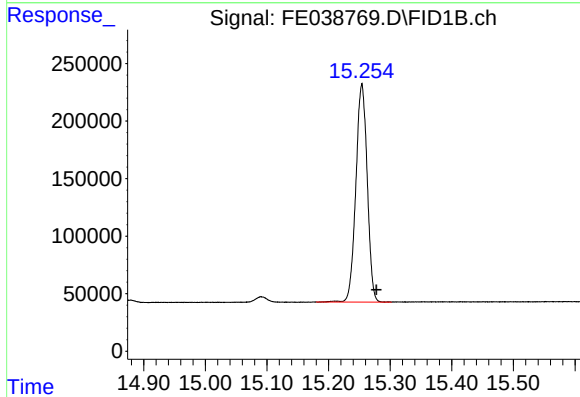
#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.027 min
Response: 2460272
Conc: 15.24 ug/ml

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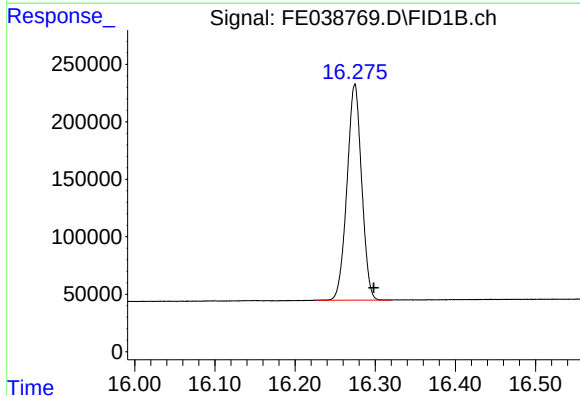
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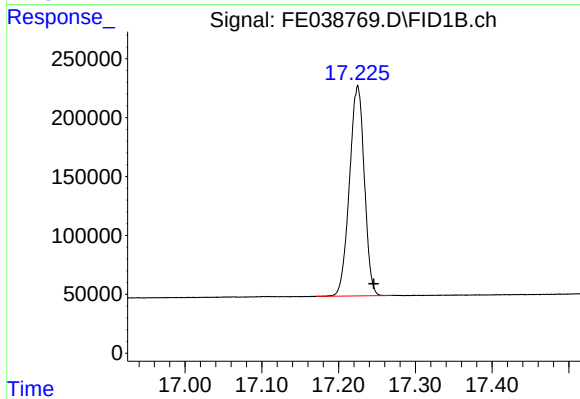
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.023 min
Response: 2428471
Conc: 15.14 ug/ml



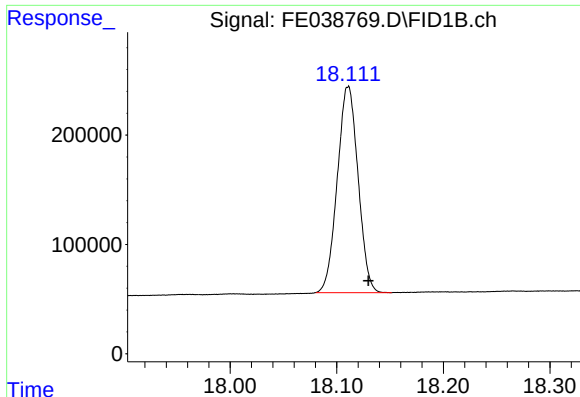
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.024 min
Response: 2387256
Conc: 15.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.021 min
Response: 2404837
Conc: 15.33 ug/ml



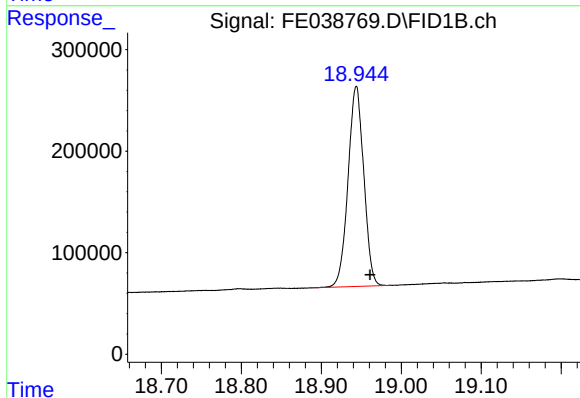
#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: -0.019 min
Response: 2554543
Conc: 16.01 ug/ml

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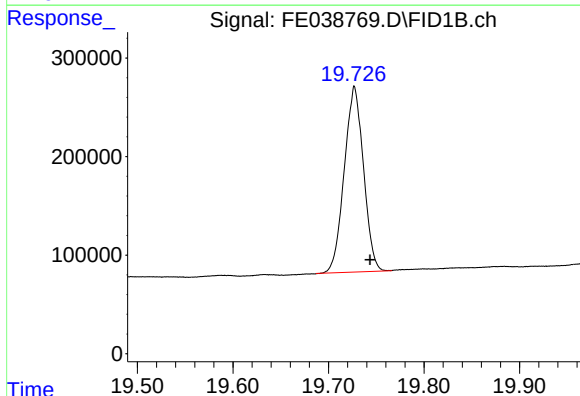
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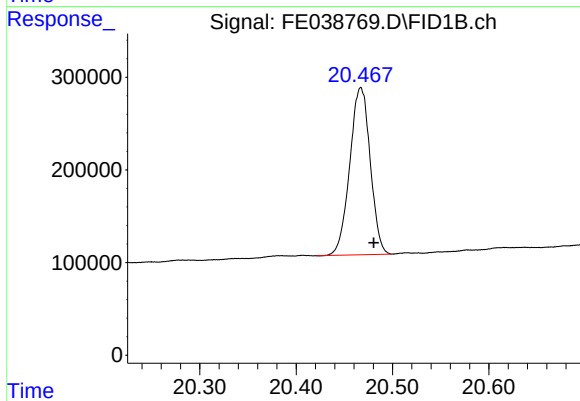
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.017 min
Response: 2690351
Conc: 17.06 ug/ml m



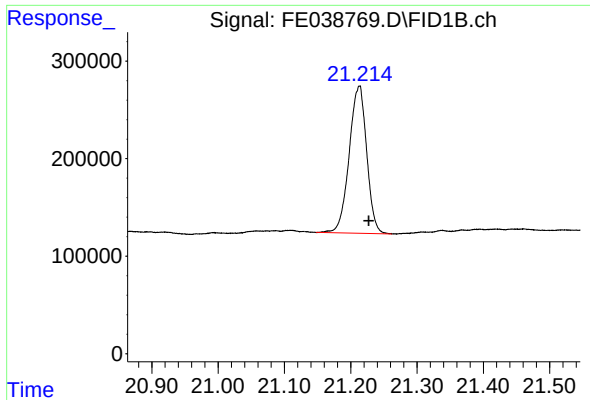
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.017 min
Response: 2640256
Conc: 17.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.014 min
Response: 2656508
Conc: 18.59 ug/ml



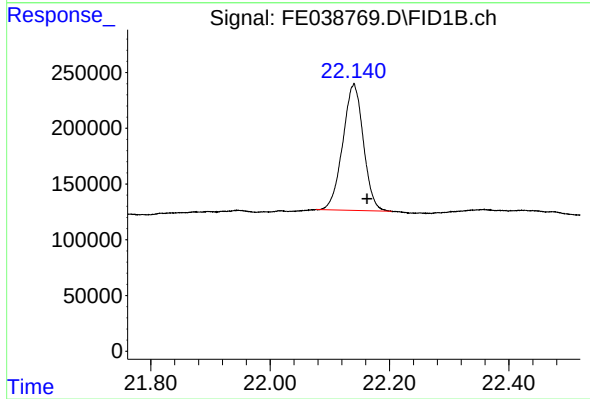
#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.013 min
Response: 2769594
Conc: 20.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.022 min
Response: 2709269
Conc: 21.46 ug/ml m