

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037702.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 01:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E
 Quant Time: Sep 21 04:51:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.624	2941799	17.408 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
12) S 1-chlorooctadecane (S...	13.047	2277315	17.695 ug/ml
Spiked Amount 50.000		Recovery =	35.39%
Target Compounds			
1) T n-Nonane (C9)	3.016	2650519	17.323 ug/mlm
2) T n-Decane (C10)	4.276	2770312	17.968 ug/ml
3) T A~Naphthalene (C11.7)	5.993	2709709	18.808 ug/ml
4) T n-Dodecane (C12)	6.448	2847232	18.005 ug/ml
5) T A~2-methylnaphthalene...	7.086	2647353	18.962 ug/ml
6) T n-Tetradecane (C14)	9.867	2883886	18.200 ug/ml
7) T n-Hexadecane (C16)	9.867	2883886	18.200 ug/ml
8) T n-Octadecane (C18)	11.302	2861021	17.966 ug/ml
10) T n-Eicosane (C20)	12.604	2800171	17.698 ug/ml
11) T n-Heneicosane (C21)	13.213	2752606	17.456 ug/ml
13) T n-Docosane (C22)	13.796	2765057	17.762 ug/ml
14) T n-Tetracosane (C24)	14.893	2725555	18.122 ug/ml
15) T n-Hexacosane (C26)	15.908	2655740	18.340 ug/ml
16) T n-Octacosane (C28)	16.853	2674437	19.305 ug/ml
17) T n-Tricontane (C30)	17.736	2890013	21.245 ug/ml
18) T n-Dotriacontane (C32)	18.564	3016992	22.594 ug/mlm
19) T n-Tetratriacontane (C34)	19.344	2869451	22.678 ug/mlm
20) T n-Hexatriacontane (C36)	20.081	2857424	22.217 ug/ml
21) T n-Octatriacontane (C38)	20.778	3099563	24.904 ug/mlm
22) T n-Tetracontane (C40)	21.555	2903151	22.520 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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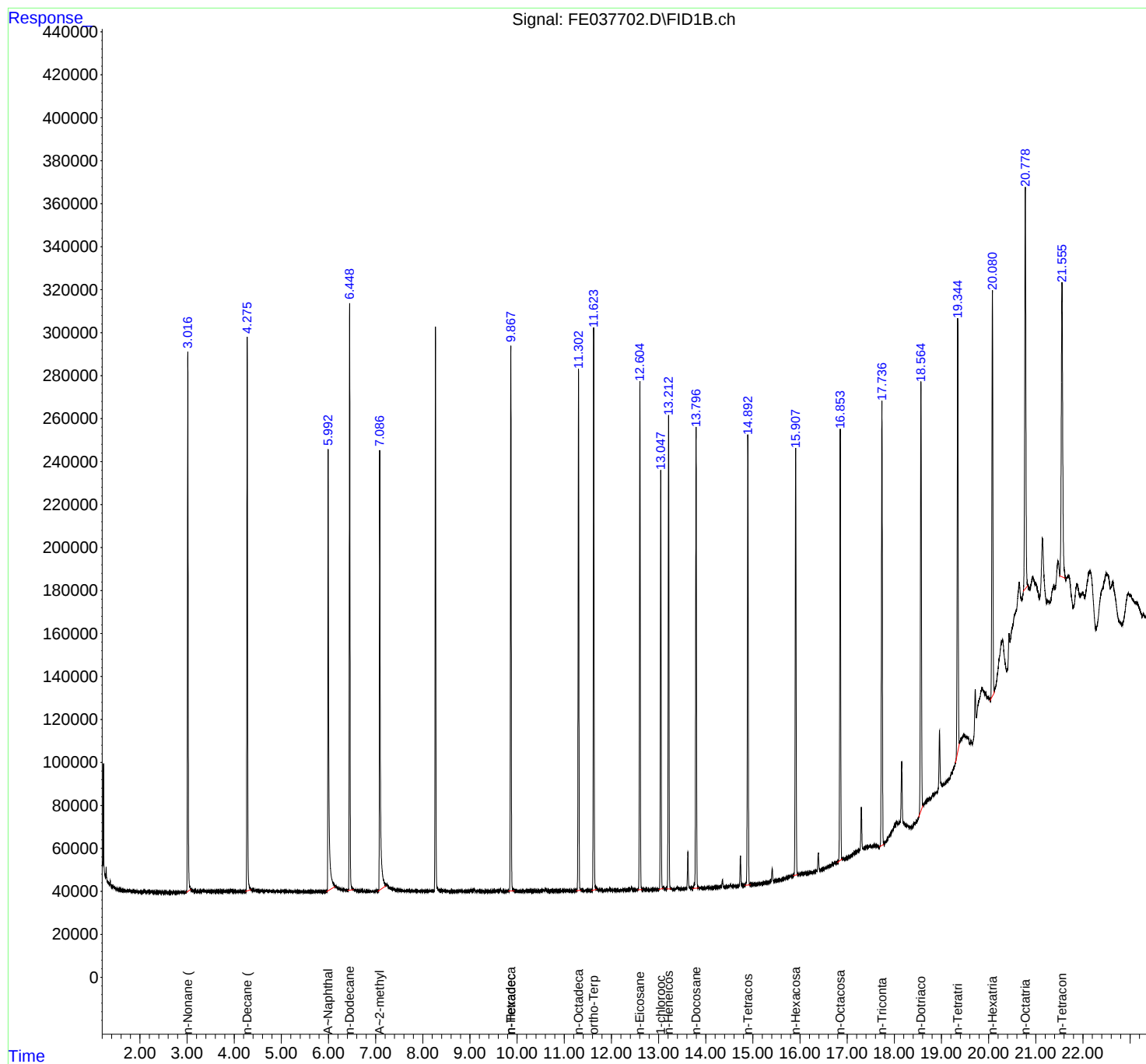
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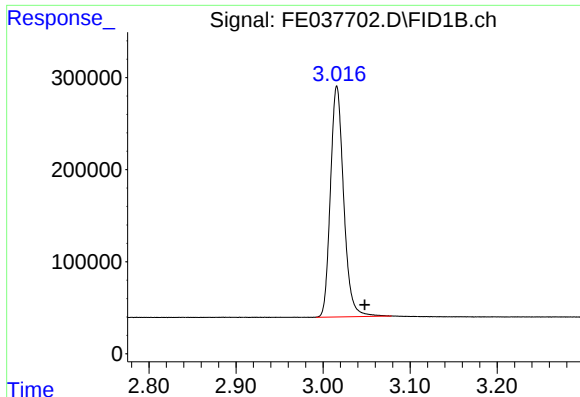
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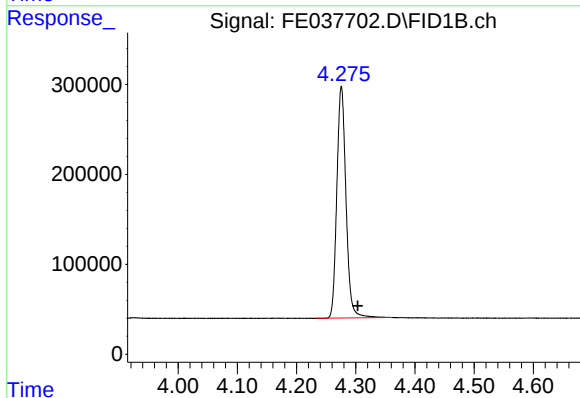
#1 n-Nonane (C9)

R.T.: 3.016 min
Delta R.T.: -0.032 min
Response: 2650519
Conc: 17.32 ug/ml

Instrument :
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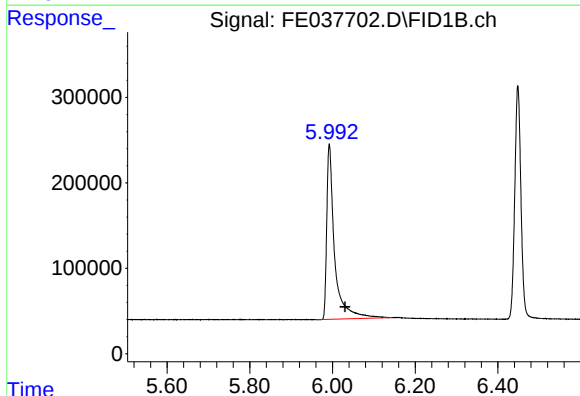
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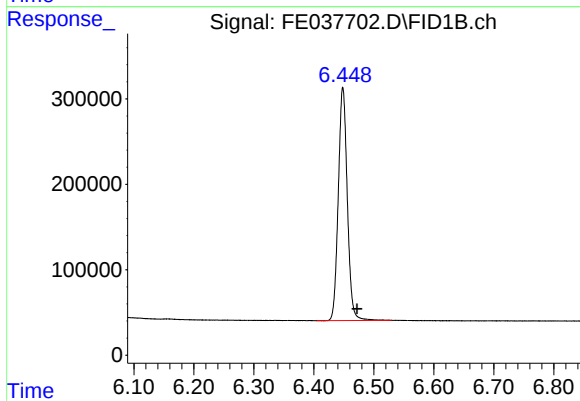
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.028 min
Response: 2770312
Conc: 17.97 ug/ml



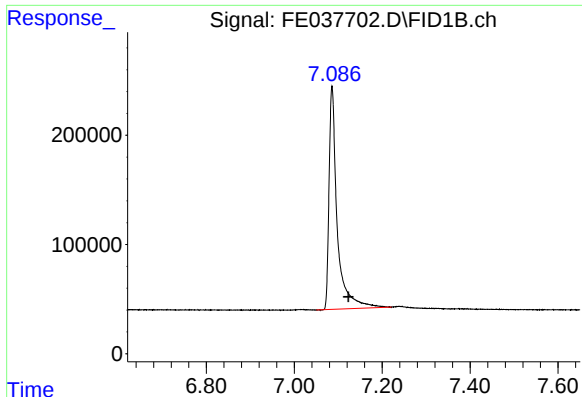
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.038 min
Response: 2709709
Conc: 18.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.024 min
Response: 2847232
Conc: 18.01 ug/ml



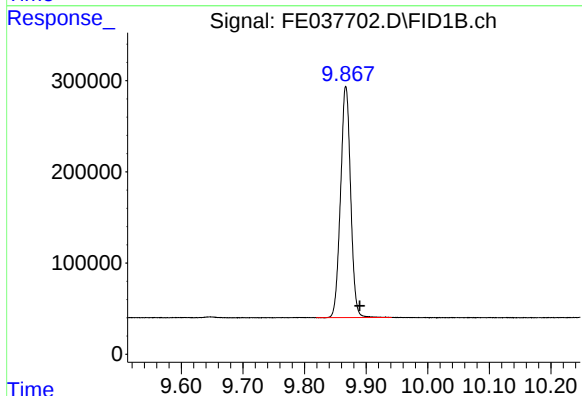
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.037 min
Response: 2647353
Conc: 18.96 ug/ml

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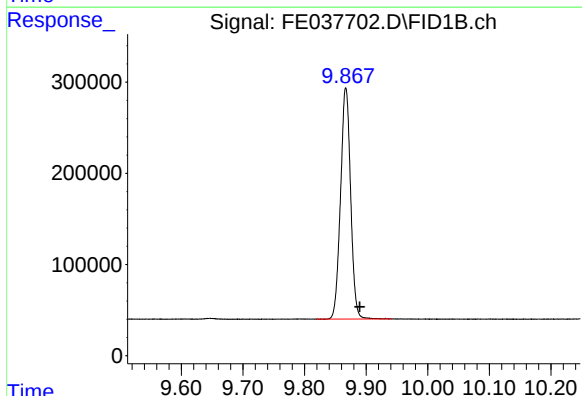
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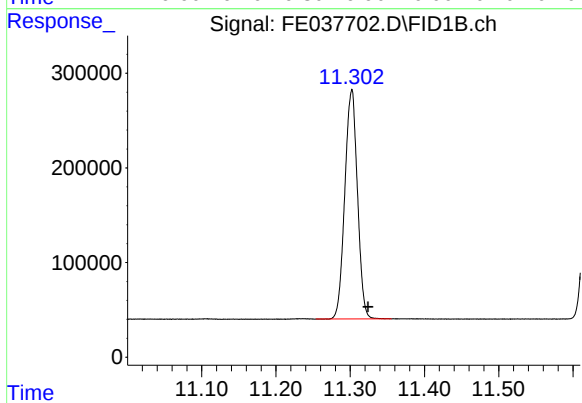
#6 n-Tetradecane (C14)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 2883886
Conc: 18.20 ug/ml



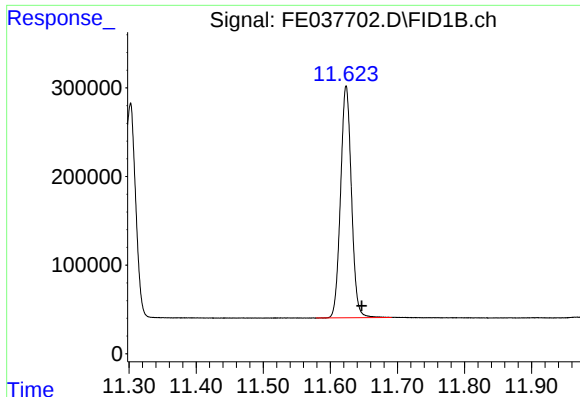
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 2883886
Conc: 18.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.022 min
Response: 2861021
Conc: 17.97 ug/ml



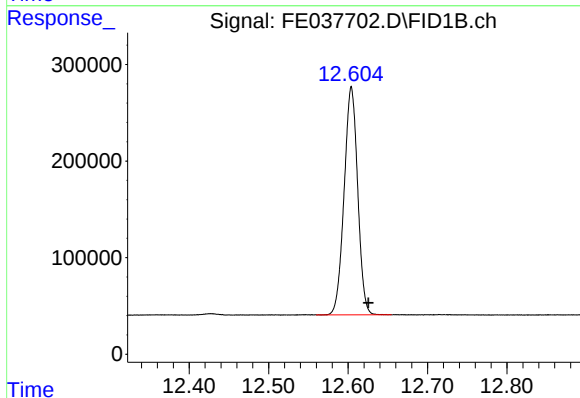
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: -0.023 min
Response: 2941799
Conc: 17.41 ug/ml

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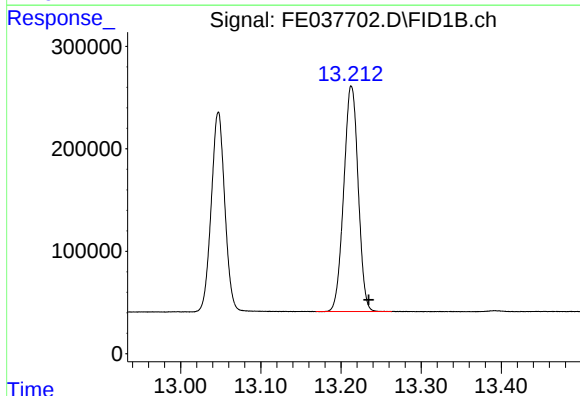
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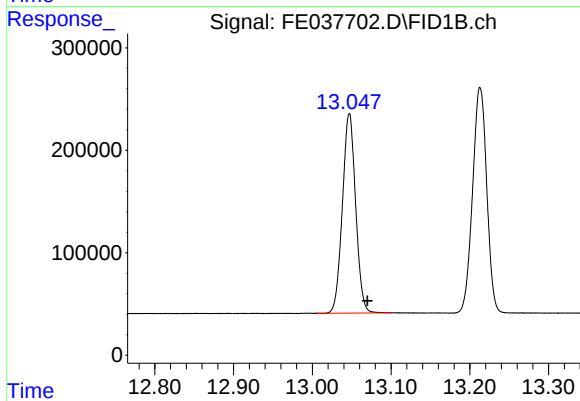
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.021 min
Response: 2800171
Conc: 17.70 ug/ml



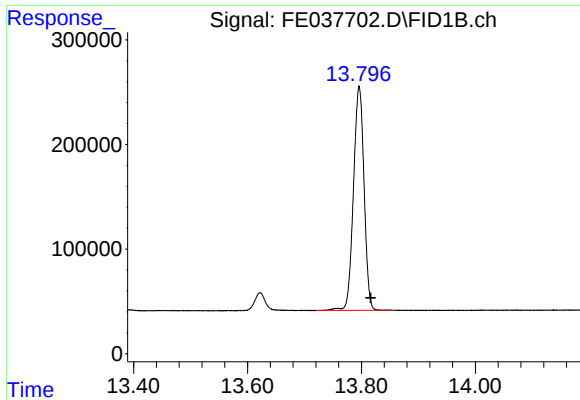
#11 n-Heneicosane (C21)

R.T.: 13.213 min
Delta R.T.: -0.022 min
Response: 2752606
Conc: 17.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.023 min
Response: 2277315
Conc: 17.69 ug/ml



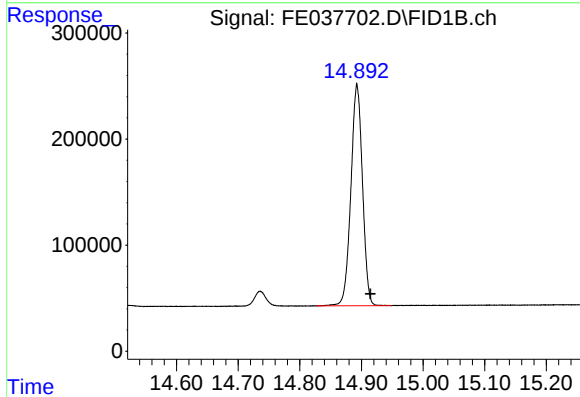
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: -0.020 min
Response: 2765057
Conc: 17.76 ug/ml

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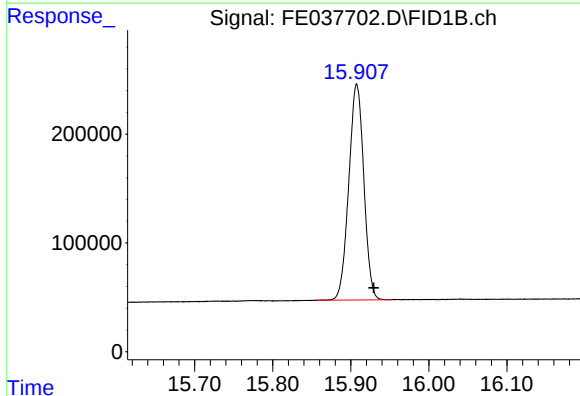
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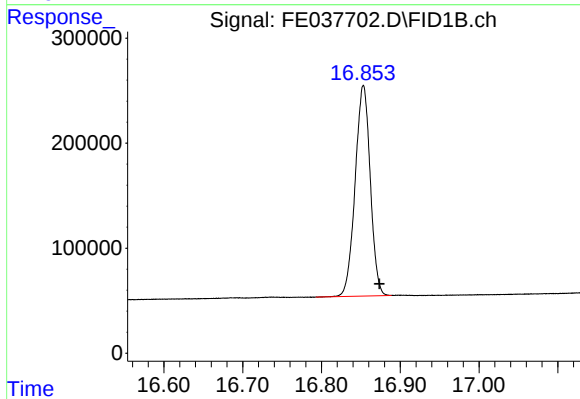
#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: -0.022 min
Response: 2725555
Conc: 18.12 ug/ml



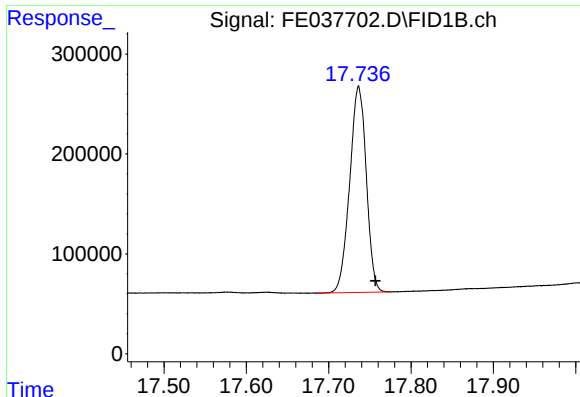
#15 n-Hexacosane (C26)

R.T.: 15.908 min
Delta R.T.: -0.022 min
Response: 2655740
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: -0.020 min
Response: 2674437
Conc: 19.30 ug/ml



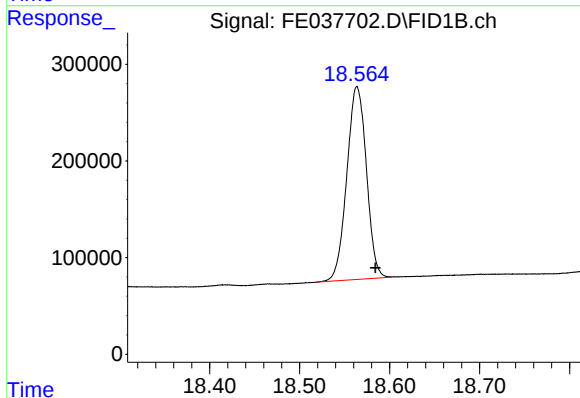
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.020 min
Response: 2890013
Conc: 21.25 ug/ml

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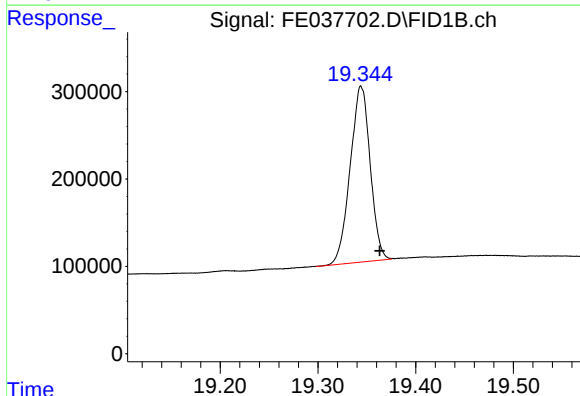
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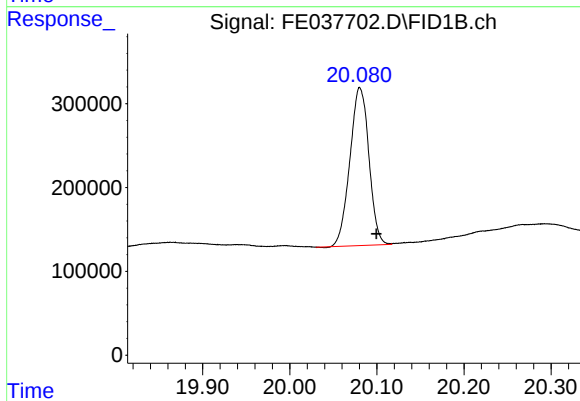
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.020 min
Response: 3016992
Conc: 22.59 ug/ml m



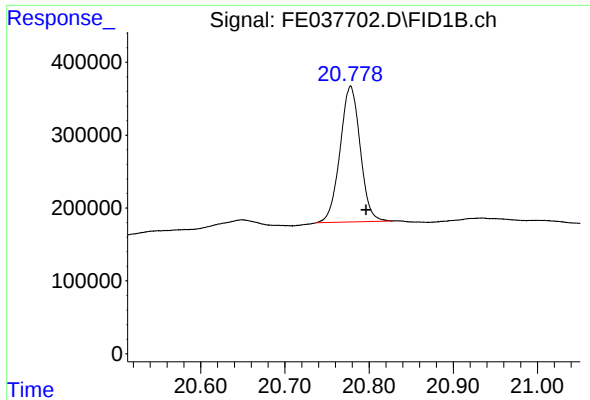
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.020 min
Response: 2869451
Conc: 22.68 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.019 min
Response: 2857424
Conc: 22.22 ug/ml



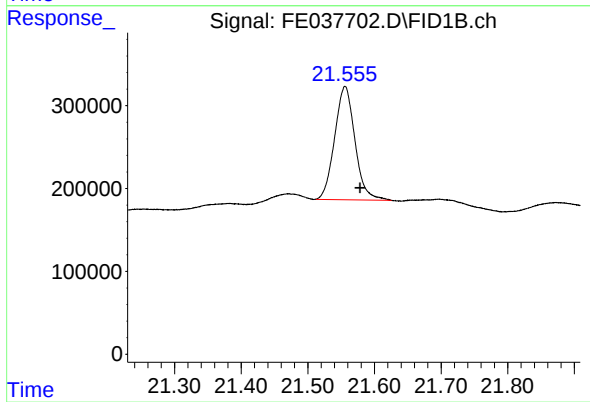
#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.018 min
Response: 3099563
Conc: 24.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.555 min
Delta R.T.: -0.023 min
Response: 2903151
Conc: 22.52 ug/ml m