

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022023AL\
 Data File : FE040434.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2023 09:01
 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 02/21/2023
 Supervised By :Ankita Jodhani 02/21/2023

Integration File: autoint1.e
 Quant Time: Feb 21 02:07:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.890	3816811	23.581 ug/ml
Spiked Amount 50.000		Recovery =	47.16%
12) S 1-chlorooctadecane (S...	13.329	2835914	22.866 ug/ml
Spiked Amount 50.000		Recovery =	45.73%
Target Compounds			
1) T n-Nonane (C9)	3.281	3239456	23.801 ug/ml
2) T n-Decane (C10)	4.530	3205556	24.126 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3494948	23.880 ug/ml
4) T n-Dodecane (C12)	6.696	3256420	24.187 ug/ml
5) T A~2-methylnaphthalene...	7.329	3248345	23.999 ug/ml
6) T n-Tetradecane (C14)	8.523	3292606	23.891 ug/ml
7) T n-Hexadecane (C16)	10.131	3405889	23.731 ug/ml
8) T n-Octadecane (C18)	11.573	3503307	23.551 ug/ml
10) T n-Eicosane (C20)	12.884	3437746	23.383 ug/ml
11) T n-Heneicosane (C21)	13.496	3433876	23.282 ug/ml
13) T n-Docosane (C22)	14.084	3453437	23.307 ug/ml
14) T n-Tetracosane (C24)	15.188	3500243	23.058 ug/ml
15) T n-Hexacosane (C26)	16.209	3469478	23.403 ug/ml
16) T n-Octacosane (C28)	17.161	3483621	23.245 ug/ml
17) T n-Tricontane (C30)	18.049	3412168	23.126 ug/ml
18) T n-Dotriacontane (C32)	18.884	3319419	22.665 ug/ml
19) T n-Tetratriacontane (C34)	19.669	3106378	22.584 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2825075	21.298 ug/ml
21) T n-Octatriacontane (C38)	21.141	2776599	21.403 ug/mlm
22) T n-Tetracontane (C40)	22.039	2826716	21.290 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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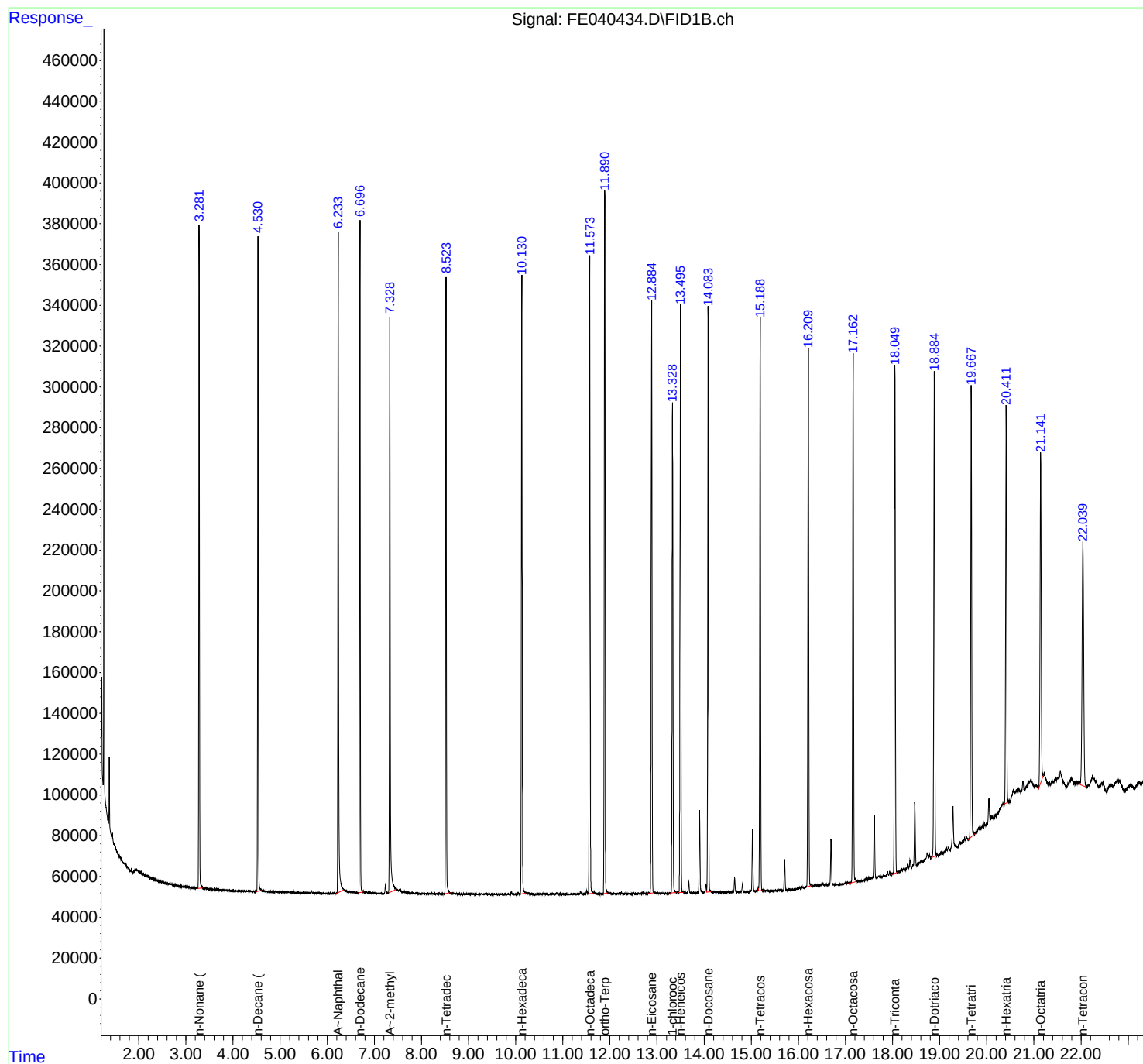
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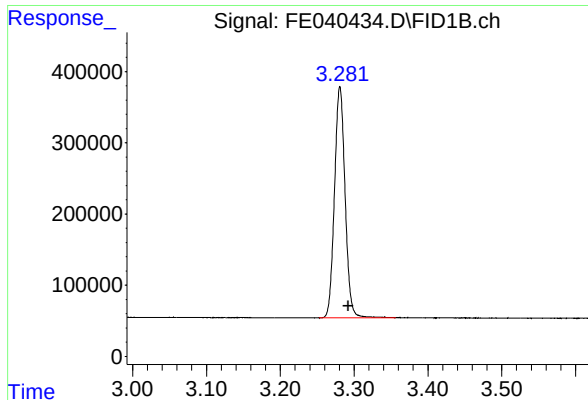
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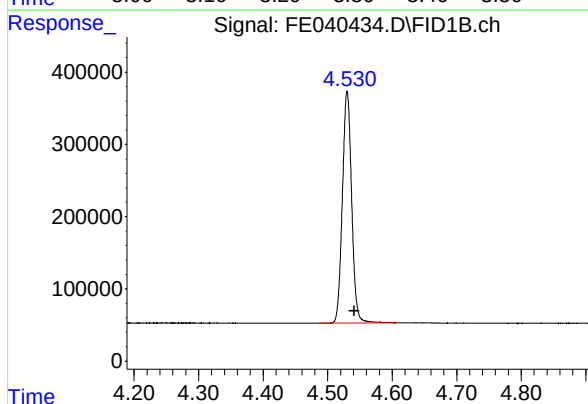
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.011 min
Response: 3239456
Conc: 23.80 ug/ml

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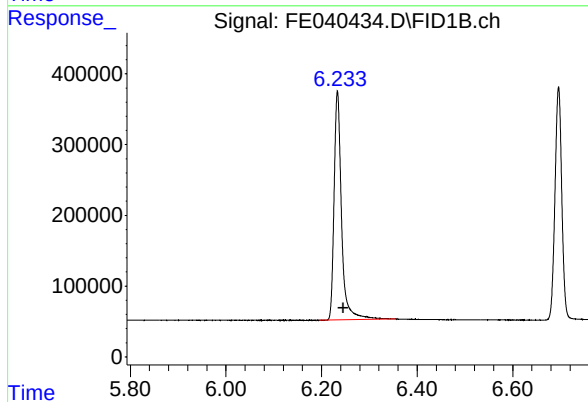
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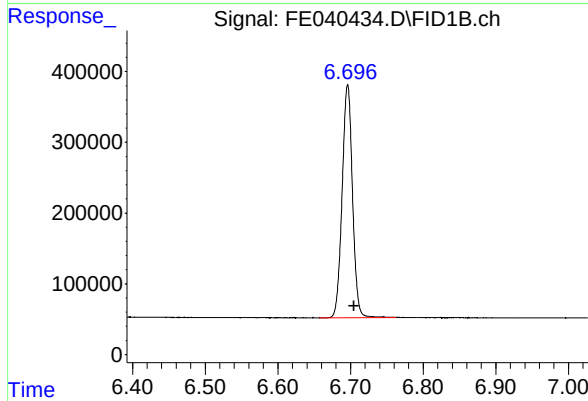
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: -0.011 min
Response: 3205556
Conc: 24.13 ug/ml



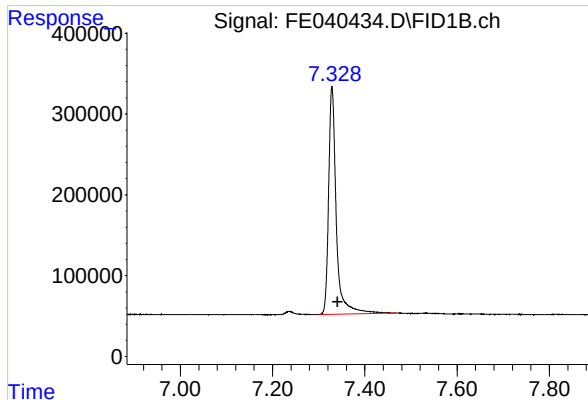
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.012 min
Response: 3494948
Conc: 23.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.009 min
Response: 3256420
Conc: 24.19 ug/ml



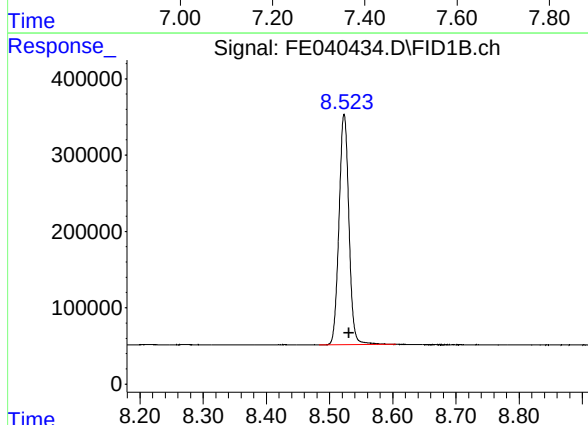
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.329 min
Delta R.T.: -0.012 min
Response: 3248345
Conc: 24.00 ug/ml

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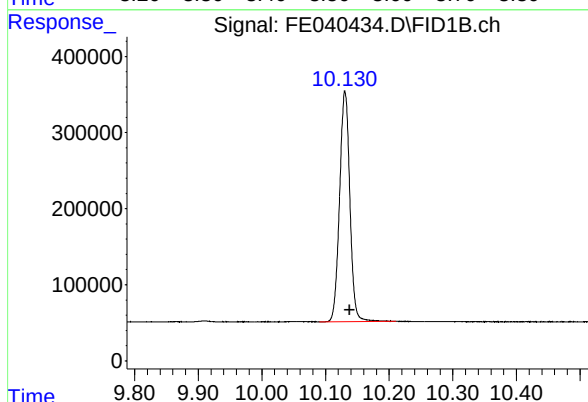
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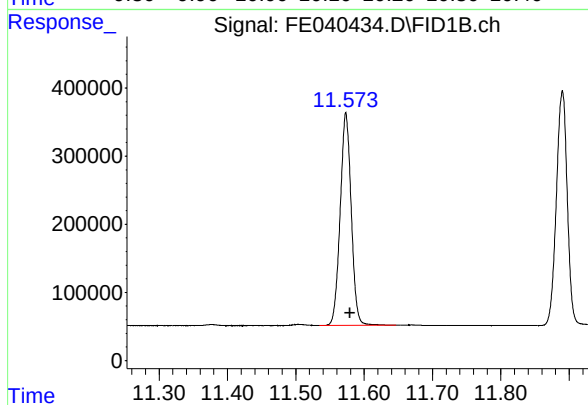
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.008 min
Response: 3292606
Conc: 23.89 ug/ml



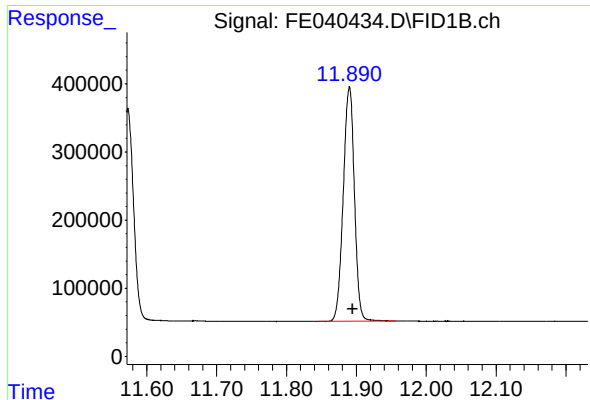
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.007 min
Response: 3405889
Conc: 23.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: -0.006 min
Response: 3503307
Conc: 23.55 ug/ml



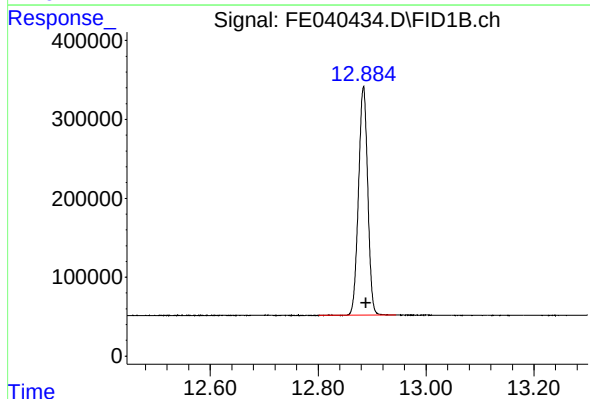
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.004 min
Response: 3816811
Conc: 23.58 ug/ml

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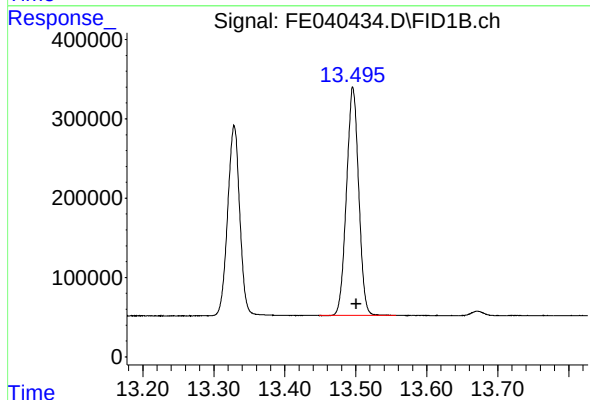
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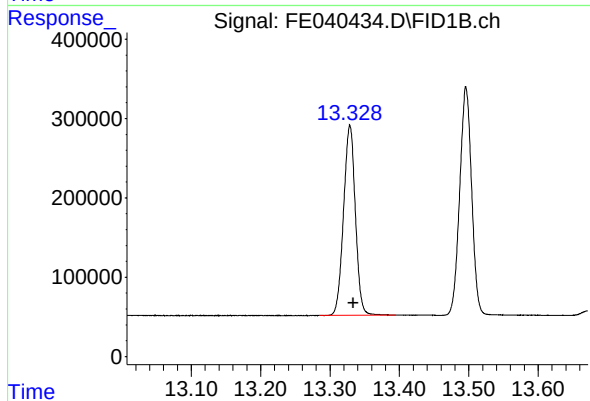
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.005 min
Response: 3437746
Conc: 23.38 ug/ml



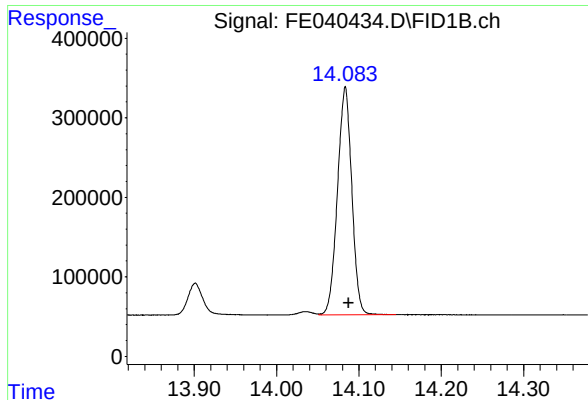
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.005 min
Response: 3433876
Conc: 23.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.005 min
Response: 2835914
Conc: 22.87 ug/ml



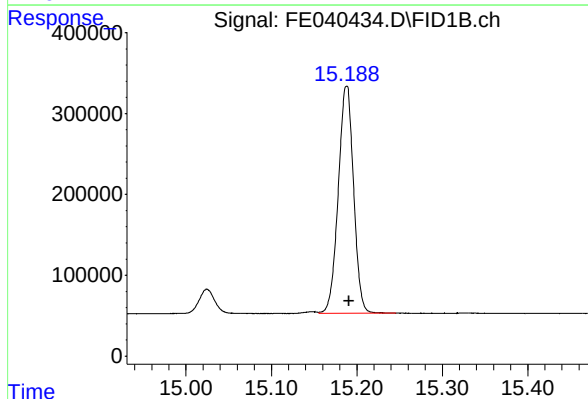
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.004 min
Response: 3453437
Conc: 23.31 ug/ml

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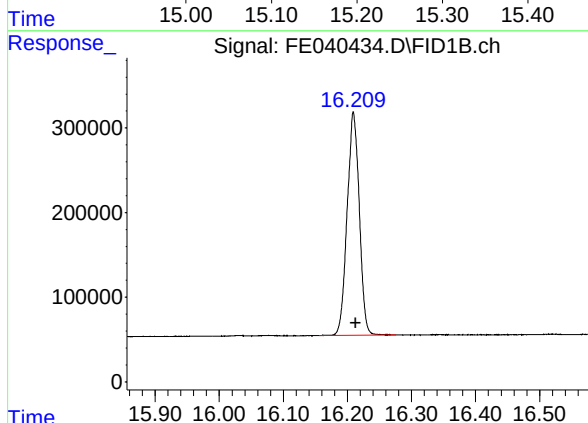
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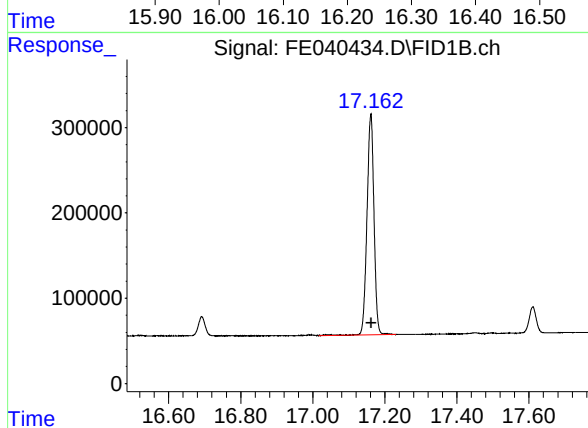
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.003 min
Response: 3500243
Conc: 23.06 ug/ml



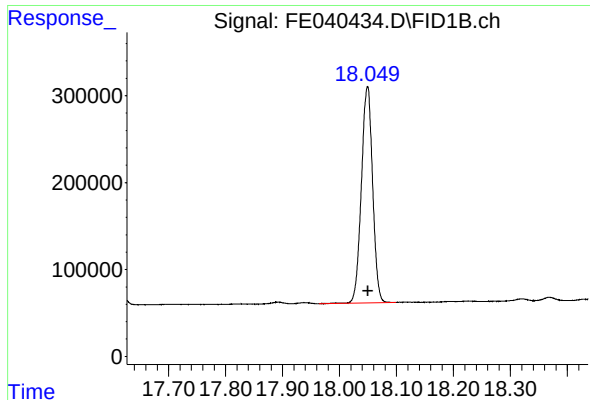
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.003 min
Response: 3469478
Conc: 23.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.161 min
Delta R.T.: -0.001 min
Response: 3483621
Conc: 23.25 ug/ml



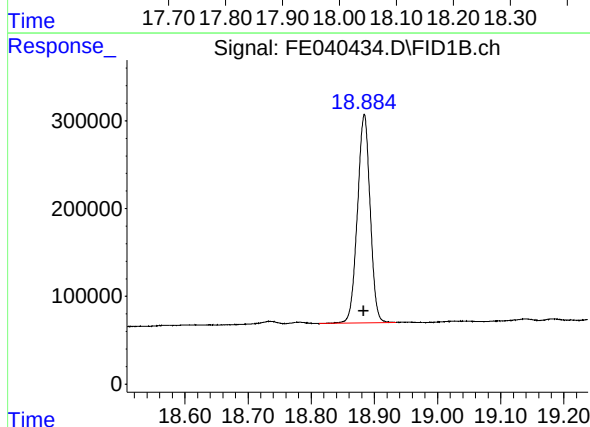
#17 n-Tricontane (C30)

R.T.: 18.049 min
Delta R.T.: 0.000 min
Response: 3412168
Conc: 23.13 ug/ml

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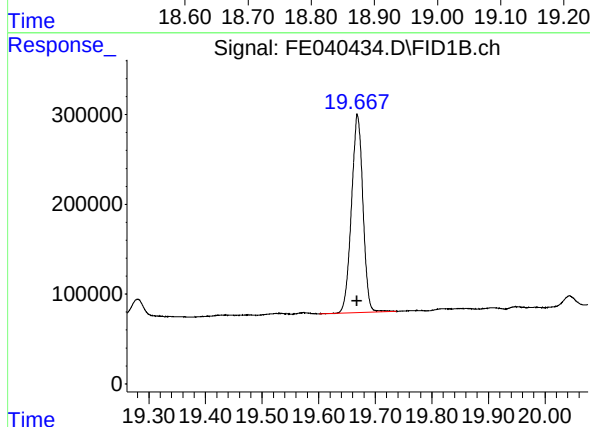
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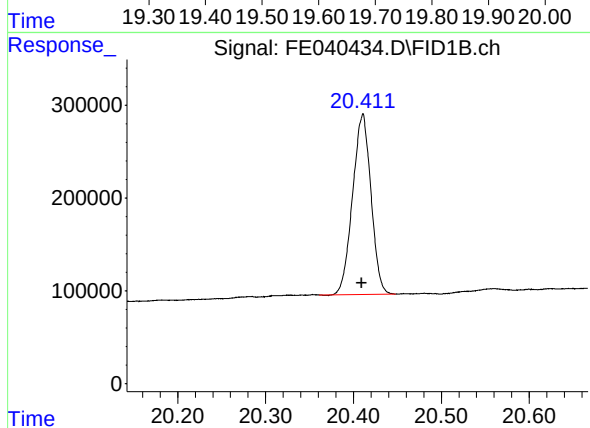
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.001 min
Response: 3319419
Conc: 22.66 ug/ml



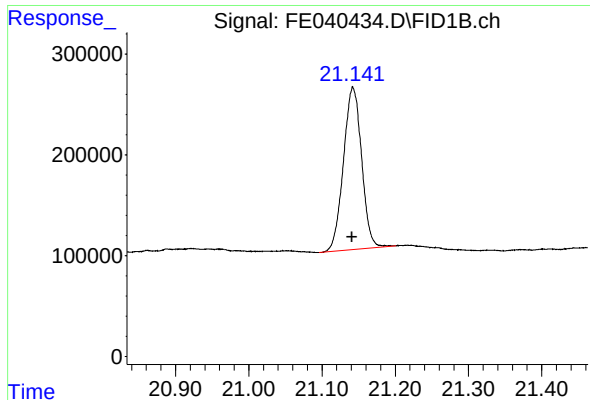
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.001 min
Response: 3106378
Conc: 22.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: 0.001 min
Response: 2825075
Conc: 21.30 ug/ml



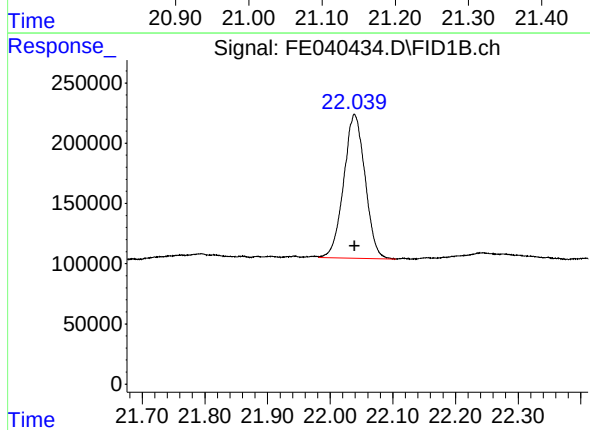
#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 2776599
Conc: 21.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: 0.000 min
Response: 2826716
Conc: 21.29 ug/ml