

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101422AL\
 Data File : FE038188.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2022 11:31
 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 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: sample.E
 Quant Time: Oct 15 17:05:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.602	3022427	17.474 ug/ml
Spiked Amount 50.000		Recovery =	34.95%
12) S 1-chlorooctadecane (S...	13.023	2376137	17.580 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
Target Compounds			
1) T n-Nonane (C9)	2.994	2758377	18.729 ug/ml
2) T n-Decane (C10)	4.252	2870684	19.417 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2736372	19.982 ug/ml
4) T n-Dodecane (C12)	6.425	2943759	19.318 ug/ml
5) T A~2-methylnaphthalene...	7.067	2581693	19.425 ug/ml
6) T n-Tetradecane (C14)	8.245	2956854	19.319 ug/ml
7) T n-Hexadecane (C16)	9.844	2968871	19.007 ug/ml
8) T n-Octadecane (C18)	11.278	2955341	18.425 ug/ml
10) T n-Eicosane (C20)	12.580	2905292	17.816 ug/ml
11) T n-Heneicosane (C21)	13.189	2857013	17.340 ug/ml
13) T n-Docosane (C22)	13.772	2871976	17.447 ug/ml
14) T n-Tetracosane (C24)	14.869	2846834	17.358 ug/ml
15) T n-Hexacosane (C26)	15.885	2809693	17.231 ug/ml
16) T n-Octacosane (C28)	16.829	2856514	17.831 ug/ml
17) T n-Tricontane (C30)	17.713	3034079	18.960 ug/ml
18) T n-Dotriacontane (C32)	18.542	3133652	19.900 ug/ml
19) T n-Tetratriacontane (C34)	19.323	3053358	20.609 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2951638	20.474 ug/ml
21) T n-Octatriacontane (C38)	20.755	3024584	22.289 ug/mlm
22) T n-Tetracontane (C40)	21.526	2942699	23.117 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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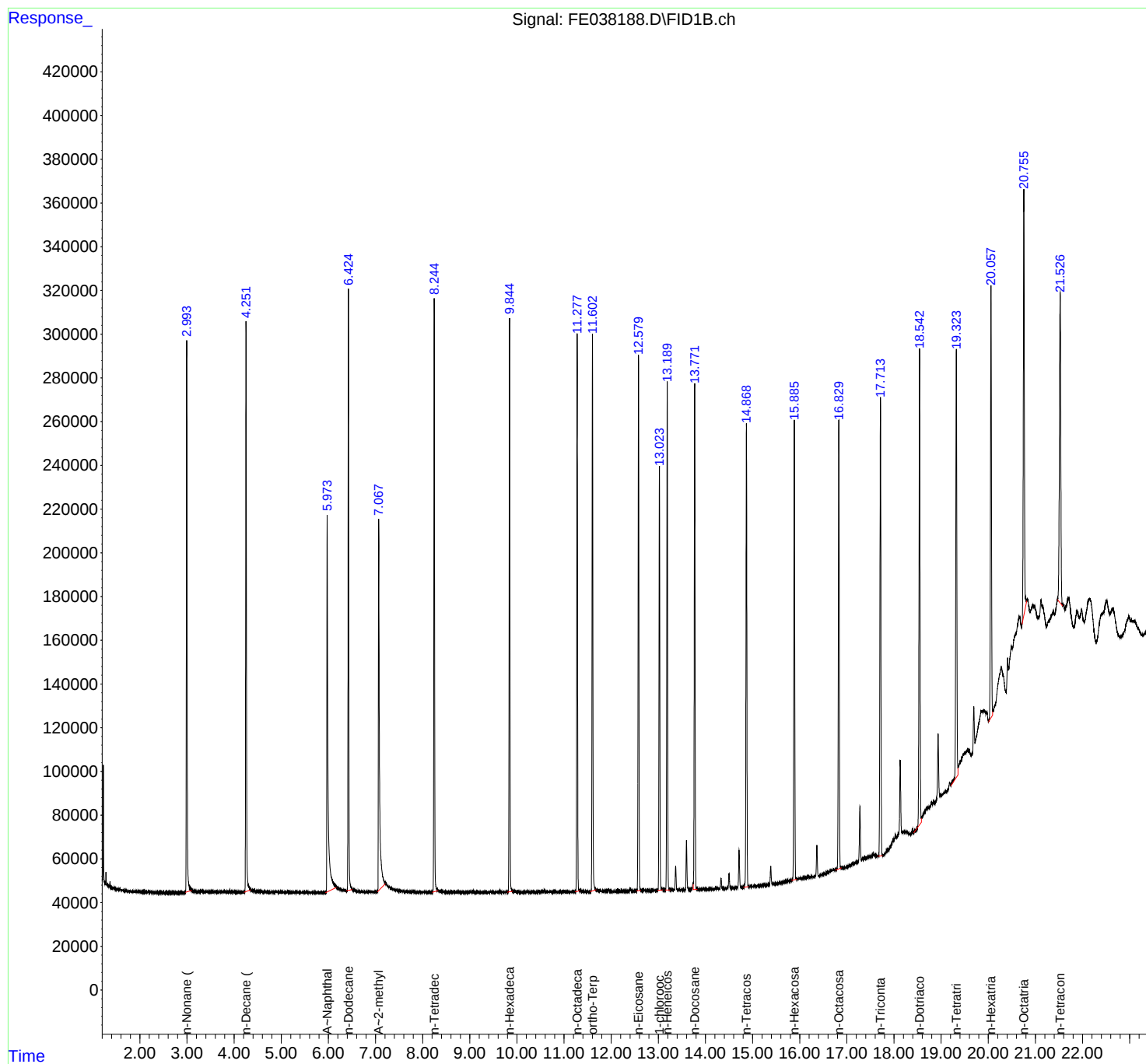
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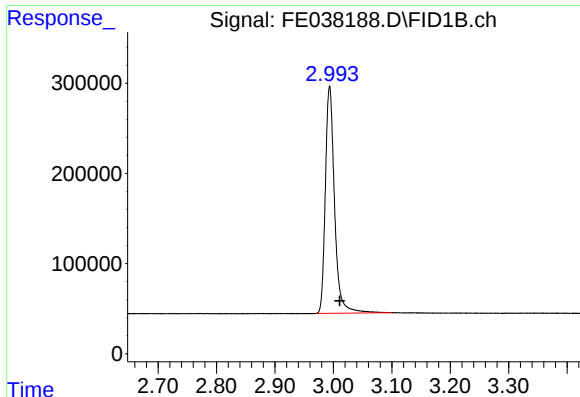
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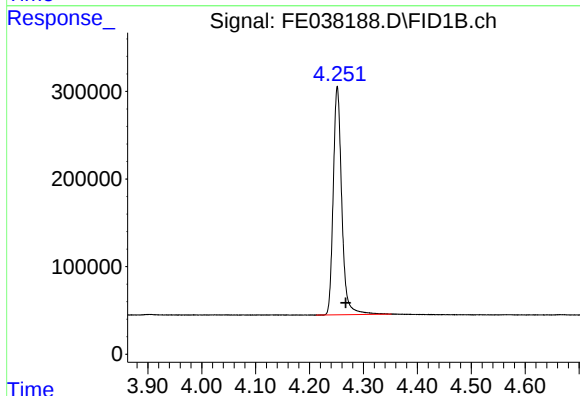
#1 n-Nonane (C9)

R.T.: 2.994 min
Delta R.T.: -0.017 min
Response: 2758377
Conc: 18.73 ug/ml

Instrument :
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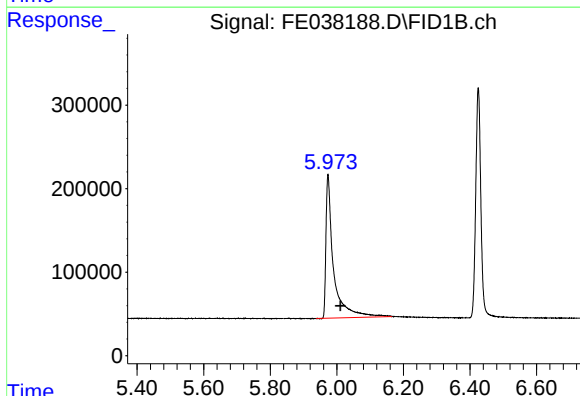
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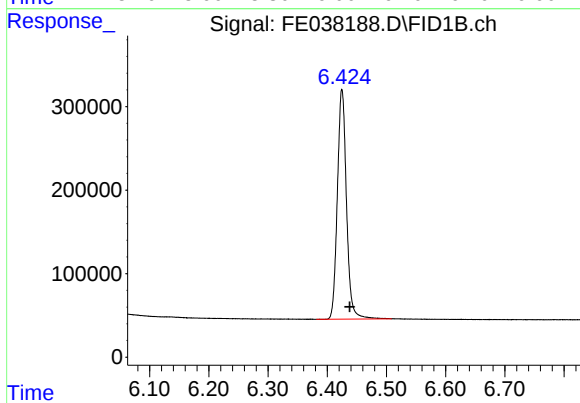
#2 n-Decane (C10)

R.T.: 4.252 min
Delta R.T.: -0.016 min
Response: 2870684
Conc: 19.42 ug/ml



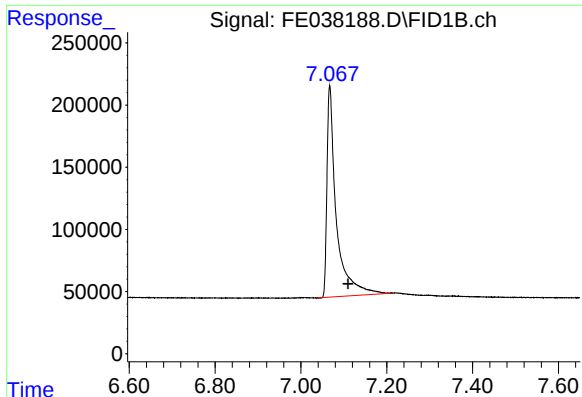
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.037 min
Response: 2736372
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.013 min
Response: 2943759
Conc: 19.32 ug/ml



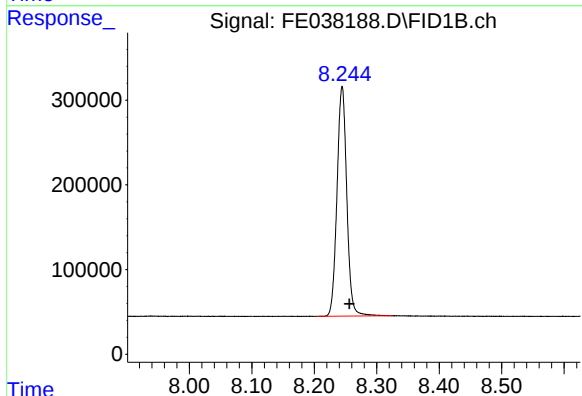
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.067 min
Delta R.T.: -0.042 min
Response: 2581693
Conc: 19.42 ug/ml

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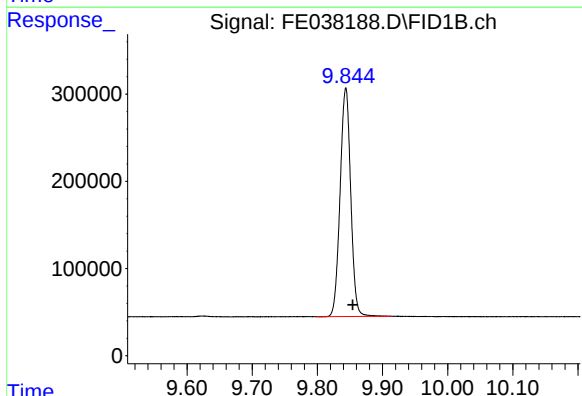
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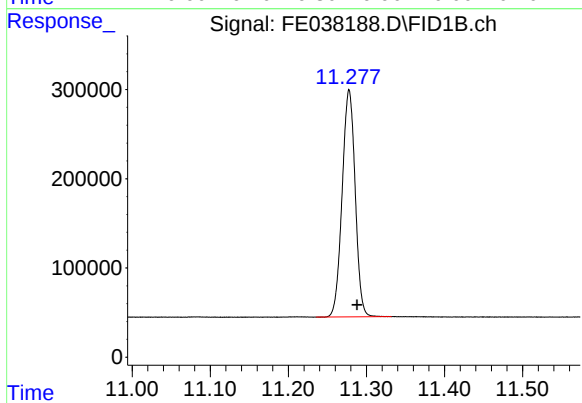
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.012 min
Response: 2956854
Conc: 19.32 ug/ml



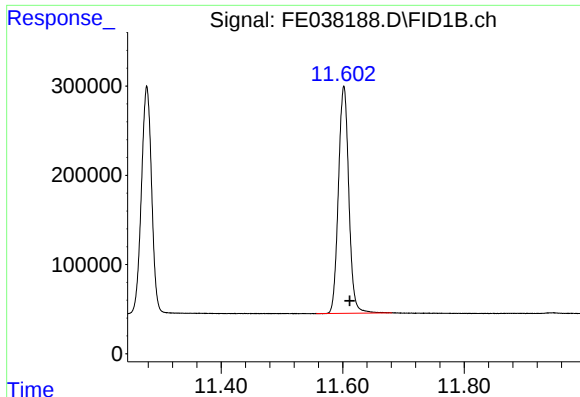
#7 n-Hexadecane (C16)

R.T.: 9.844 min
Delta R.T.: -0.010 min
Response: 2968871
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: -0.010 min
Response: 2955341
Conc: 18.42 ug/ml



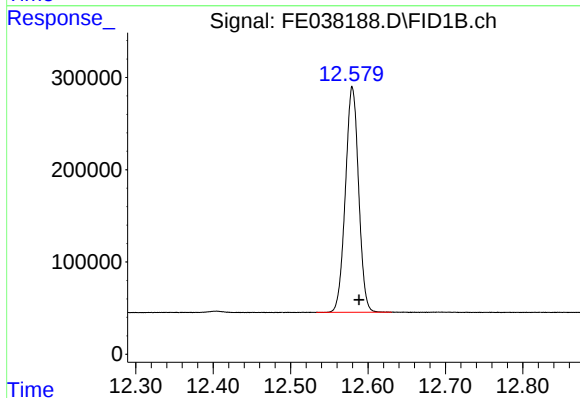
#9 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.010 min
Response: 3022427
Conc: 17.47 ug/ml

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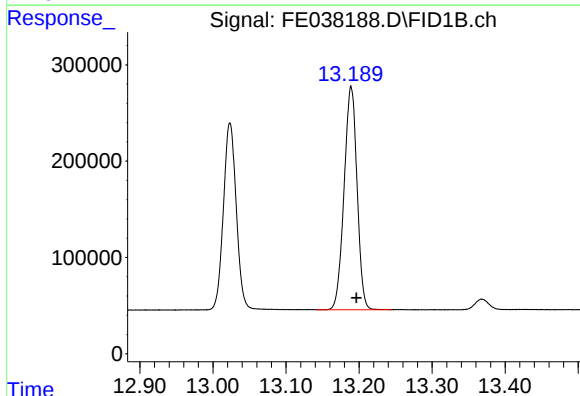
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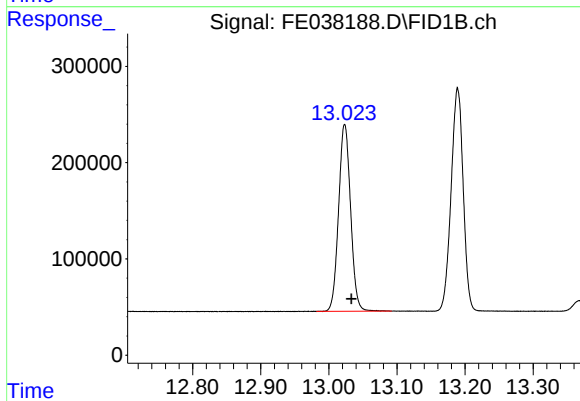
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.009 min
Response: 2905292
Conc: 17.82 ug/ml



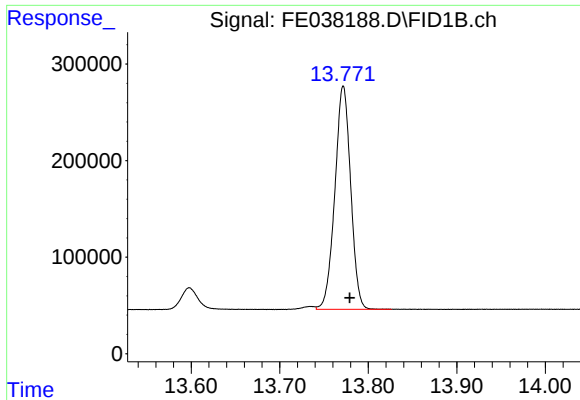
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.007 min
Response: 2857013
Conc: 17.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: -0.010 min
Response: 2376137
Conc: 17.58 ug/ml



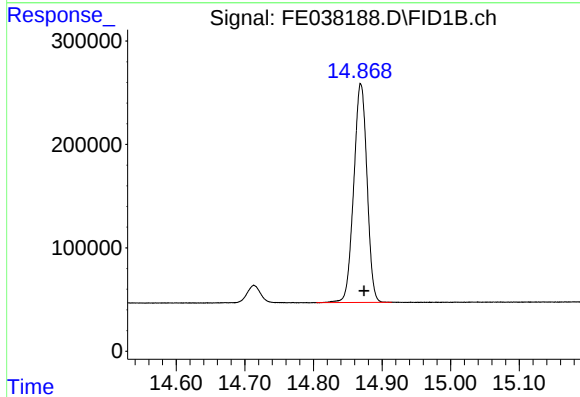
#13 n-Docosane (C22)

R.T.: 13.772 min
Delta R.T.: -0.008 min
Response: 2871976
Conc: 17.45 ug/ml

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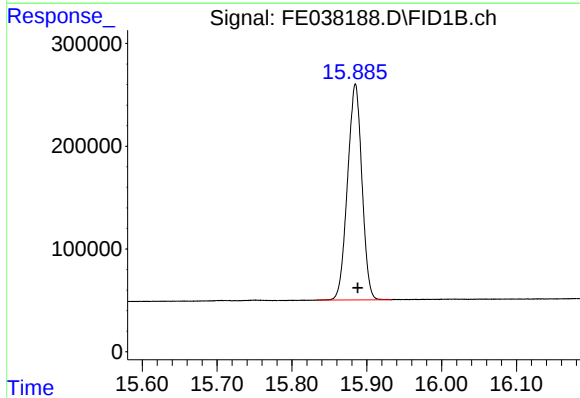
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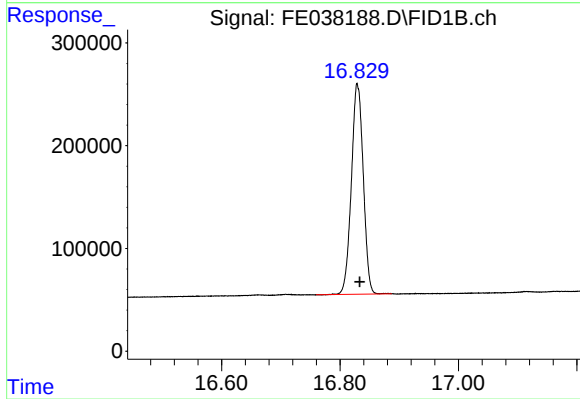
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: -0.005 min
Response: 2846834
Conc: 17.36 ug/ml



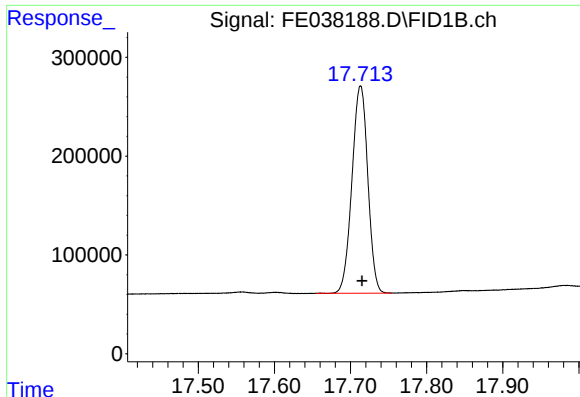
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.003 min
Response: 2809693
Conc: 17.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.004 min
Response: 2856514
Conc: 17.83 ug/ml



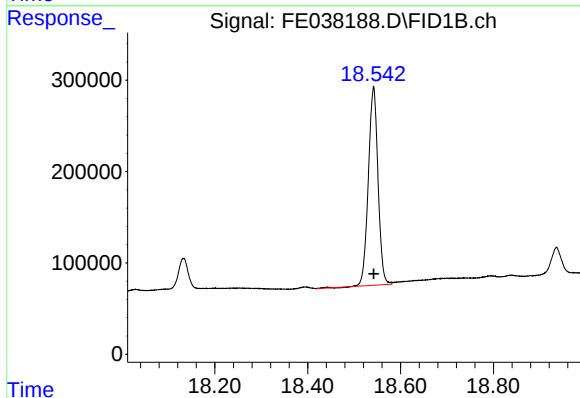
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.002 min
Response: 3034079
Conc: 18.96 ug/ml

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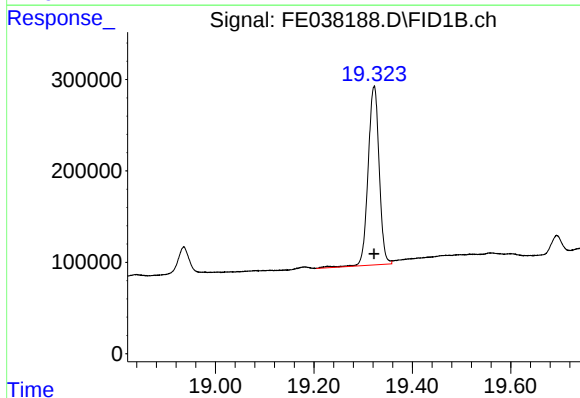
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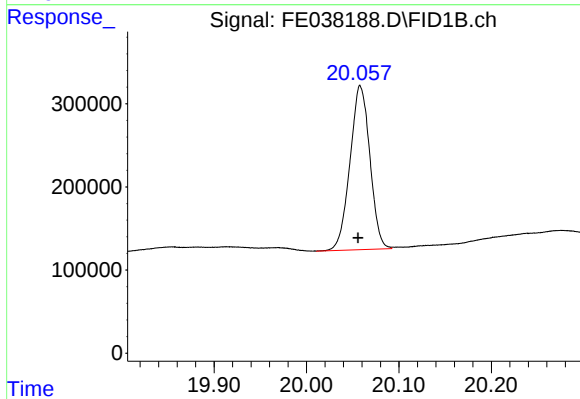
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 3133652
Conc: 19.90 ug/ml



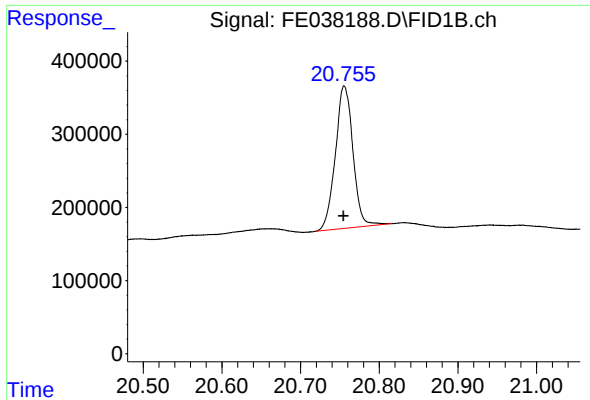
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: 0.000 min
Response: 3053358
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: 0.002 min
Response: 2951638
Conc: 20.47 ug/ml



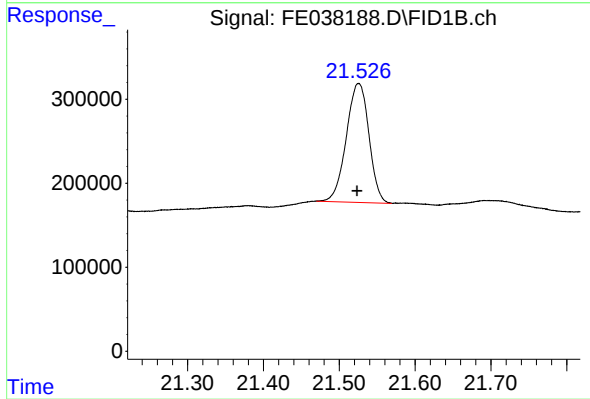
#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: 0.000 min
Response: 3024584
Conc: 22.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.526 min
Delta R.T.: 0.003 min
Response: 2942699
Conc: 23.12 ug/ml m