

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110524AL\
 Data File : FE051049.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2024 02:58
 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 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 06 04:31:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.850	3378718	21.431 ug/mlm
Spiked Amount 50.000		Recovery =	42.86%
12) S 1-chlorooctadecane (S...	13.283	2574044	21.760 ug/ml
Spiked Amount 50.000		Recovery =	43.52%
Target Compounds			
1) T n-Nonane (C9)	3.240	3230966	22.868 ug/ml
2) T n-Decane (C10)	4.490	3275804	22.832 ug/ml
3) T A~Naphthalene (C11.7)	6.202	3154750	22.063 ug/ml
4) T n-Dodecane (C12)	6.658	3283488	22.812 ug/ml
5) T A~2-methylnaphthalene...	7.298	2944193	22.224 ug/ml
6) T n-Tetradecane (C14)	8.484	3205367	22.405 ug/ml
7) T n-Hexadecane (C16)	10.089	3245518	22.053 ug/ml
8) T n-Octadecane (C18)	11.530	3238798	21.683 ug/ml
10) T n-Eicosane (C20)	12.837	3083978	21.506 ug/ml
11) T n-Heneicosane (C21)	13.448	3011820	21.447 ug/ml
13) T n-Docosane (C22)	14.034	2991856	21.325 ug/ml
14) T n-Tetracosane (C24)	15.134	2983769	21.120 ug/mlm
15) T n-Hexacosane (C26)	16.154	2975421	21.145 ug/mlm
16) T n-Octacosane (C28)	17.103	2976550	20.341 ug/ml
17) T n-Tricontane (C30)	17.988	3088982	19.427 ug/ml
18) T n-Dotriacontane (C32)	18.820	3101092	19.129 ug/ml
19) T n-Tetratriacontane (C34)	19.603	2791749	19.006 ug/ml
20) T n-Hexatriacontane (C36)	20.341	2504891	19.752 ug/ml
21) T n-Octatriacontane (C38)	21.063	2370543	19.172 ug/mlm
22) T n-Tetracontane (C40)	21.944	2131066	19.138 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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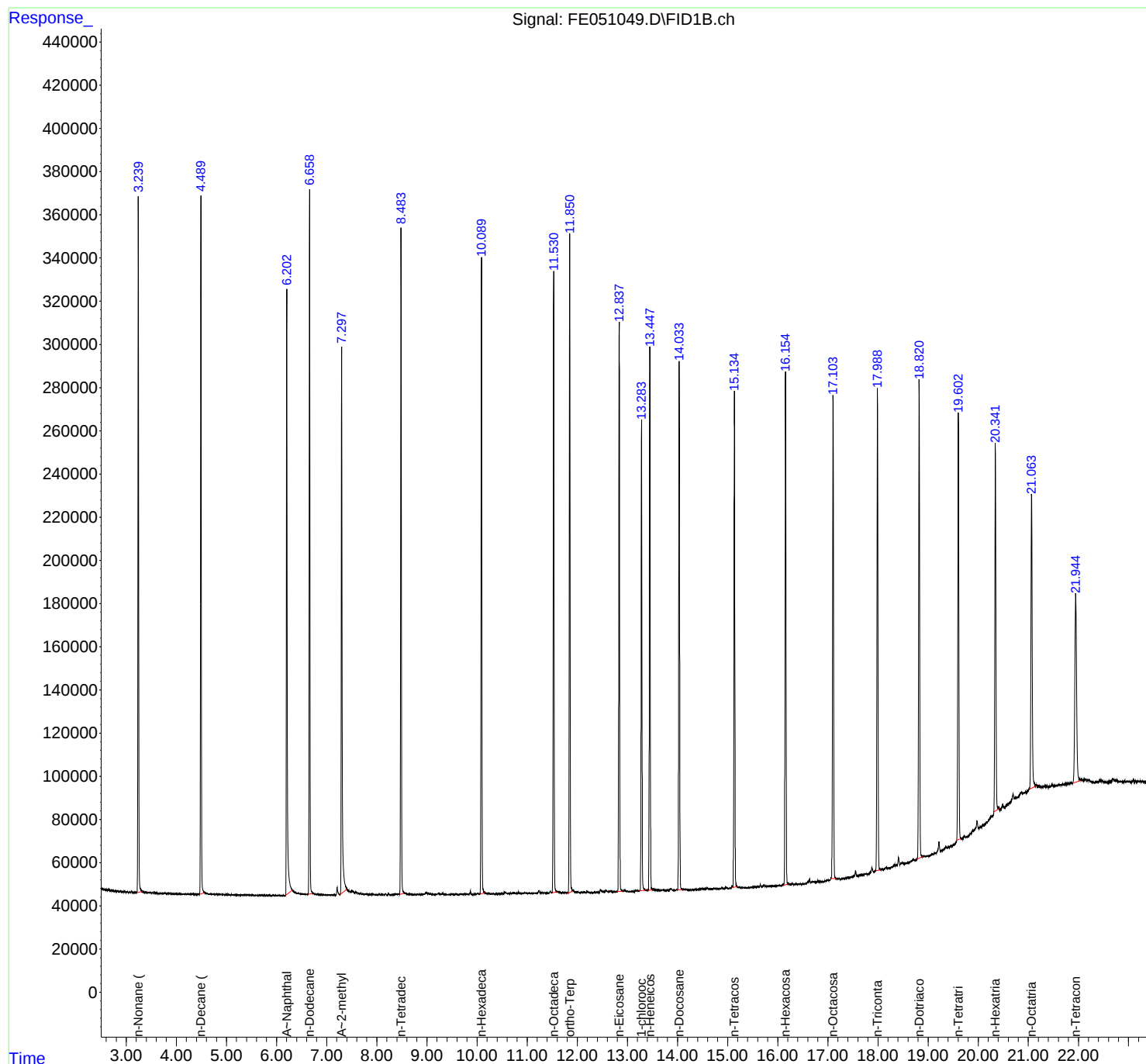
Instrument :
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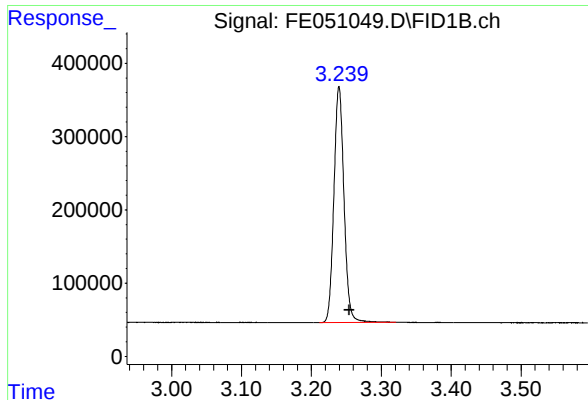
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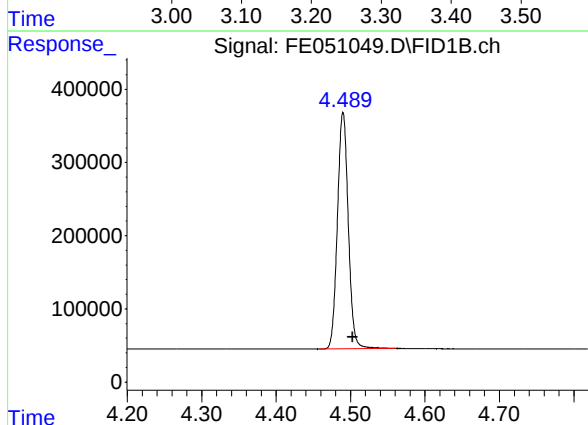
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: -0.014 min
Response: 3230966
Conc: 22.87 ug/ml

Instrument :
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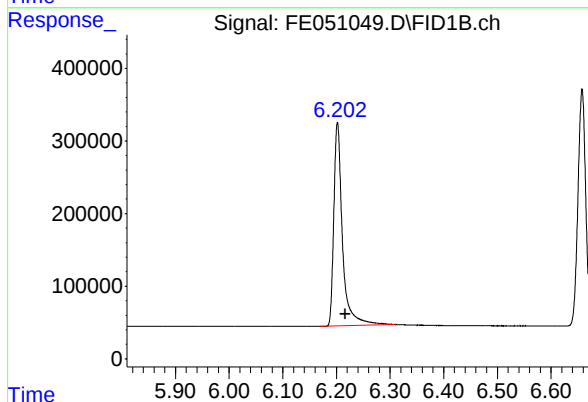
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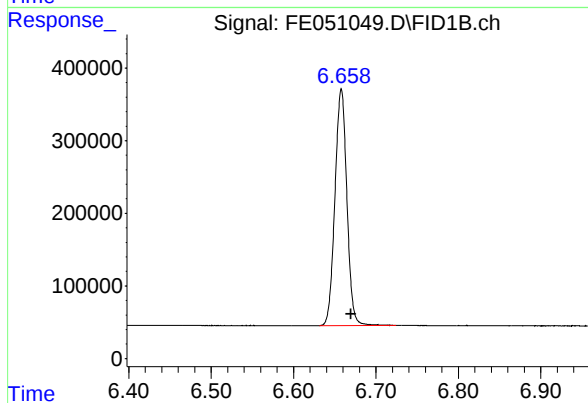
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.013 min
Response: 3275804
Conc: 22.83 ug/ml



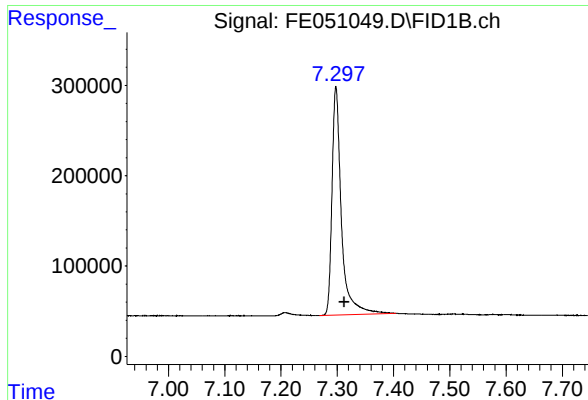
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.015 min
Response: 3154750
Conc: 22.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.658 min
Delta R.T.: -0.012 min
Response: 3283488
Conc: 22.81 ug/ml



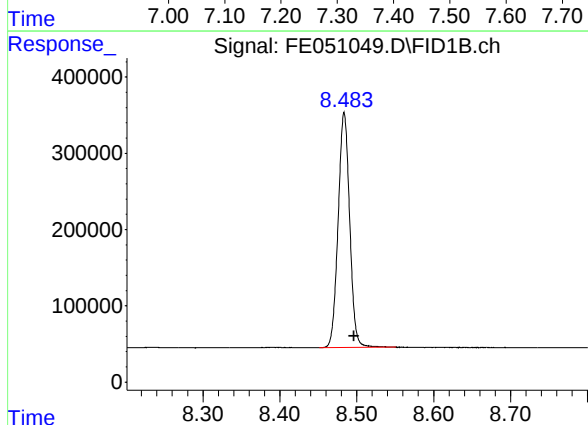
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.298 min
Delta R.T.: -0.015 min
Response: 2944193
Conc: 22.22 ug/ml

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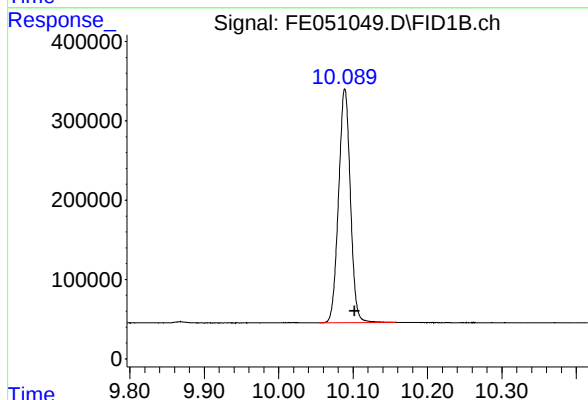
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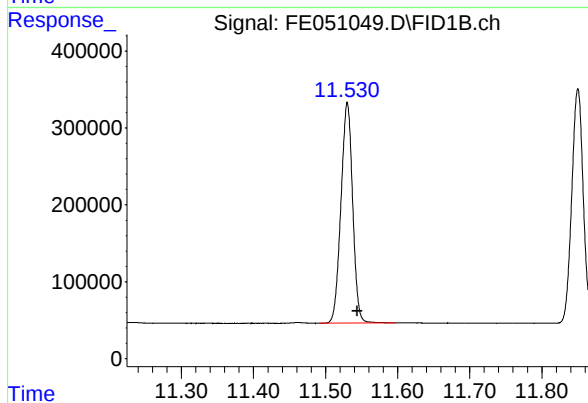
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: -0.013 min
Response: 3205367
Conc: 22.40 ug/ml



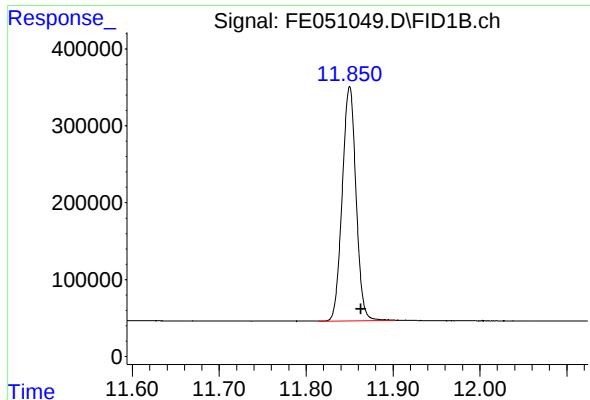
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: -0.013 min
Response: 3245518
Conc: 22.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.014 min
Response: 3238798
Conc: 21.68 ug/ml



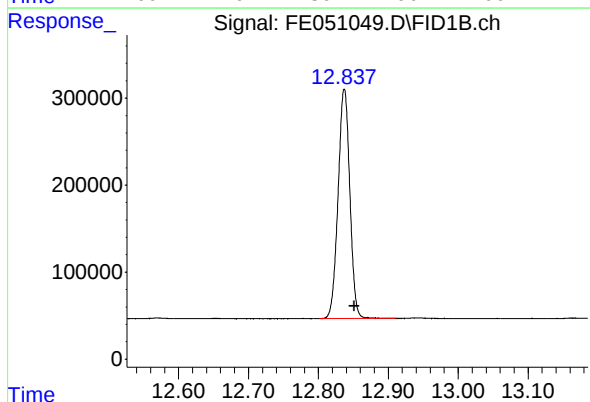
#9 ortho-Terphenyl (SURR)

R.T.: 11.850 min
Delta R.T.: -0.013 min
Response: 3378718
Conc: 21.43 ug/ml

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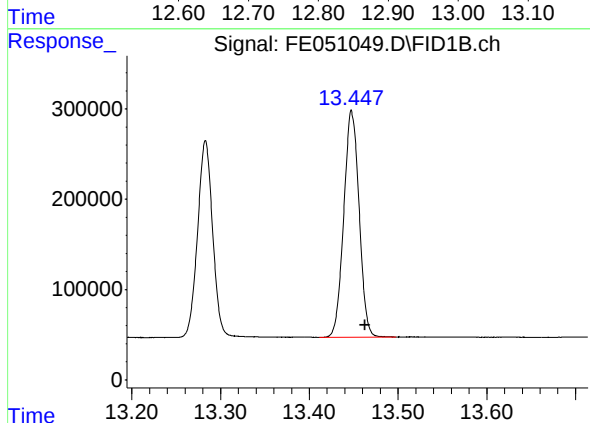
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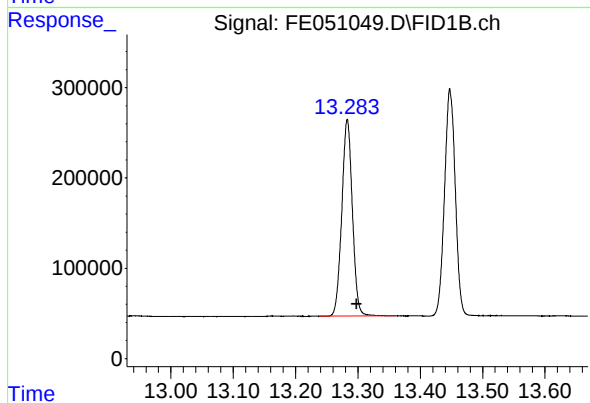
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.014 min
Response: 3083978
Conc: 21.51 ug/ml



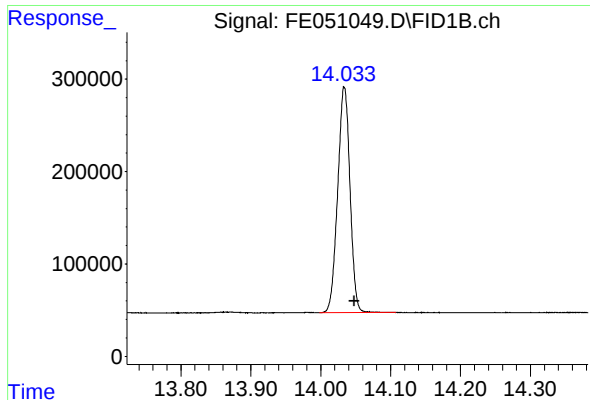
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.015 min
Response: 3011820
Conc: 21.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.015 min
Response: 2574044
Conc: 21.76 ug/ml



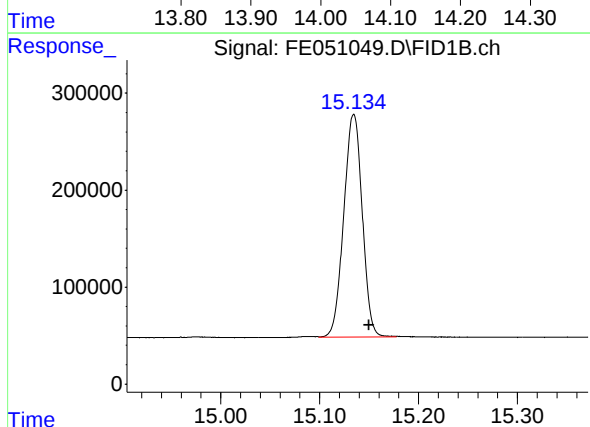
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.014 min
Response: 2991856
Conc: 21.33 ug/ml

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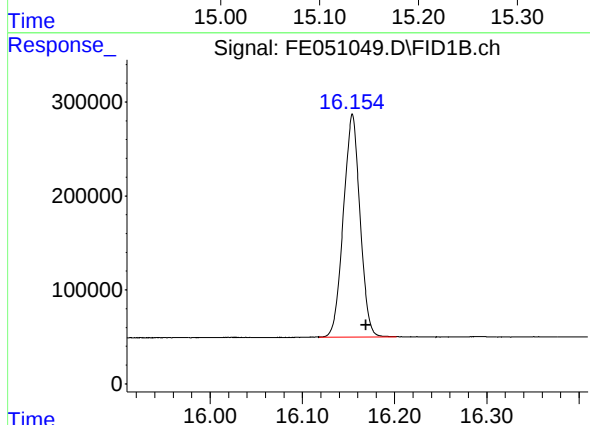
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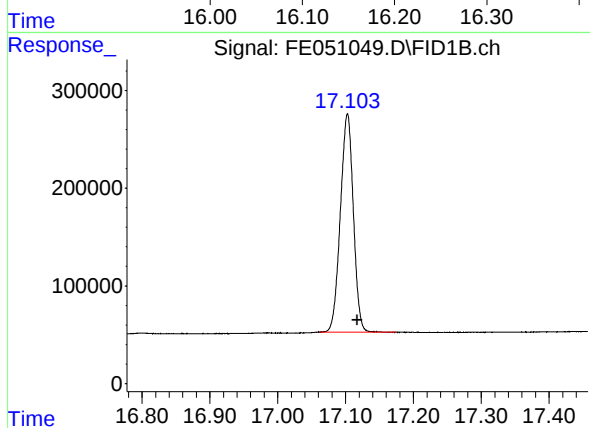
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.016 min
Response: 2983769
Conc: 21.12 ug/ml m



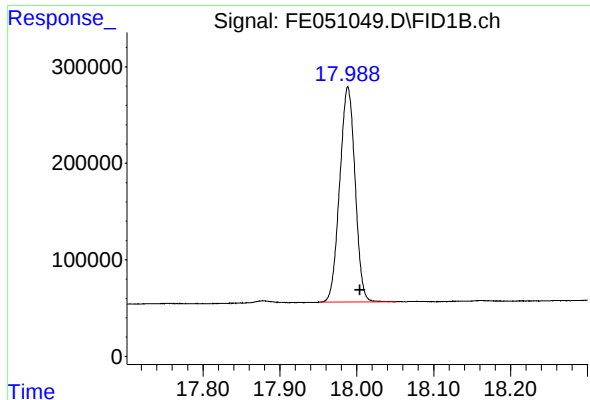
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.015 min
Response: 2975421
Conc: 21.14 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.015 min
Response: 2976550
Conc: 20.34 ug/ml



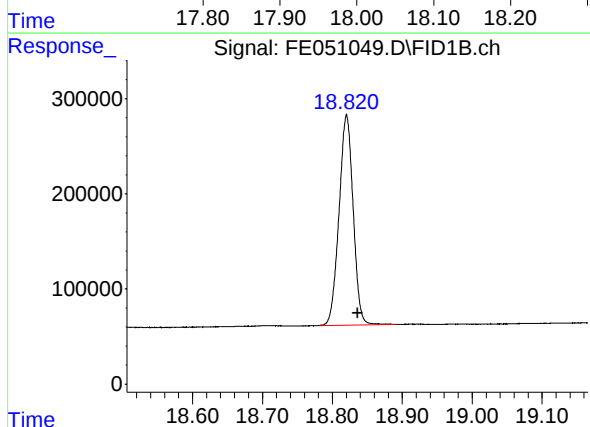
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.016 min
Response: 3088982
Conc: 19.43 ug/ml

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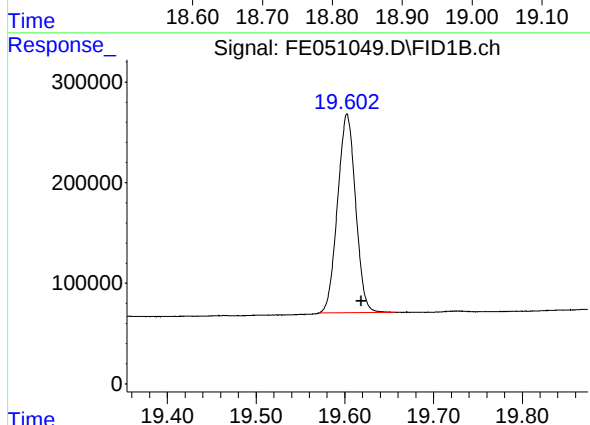
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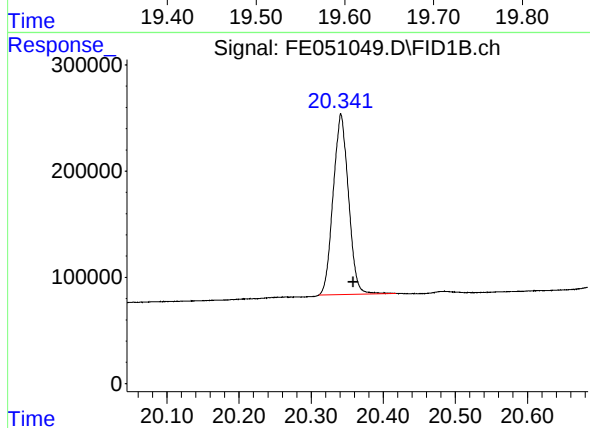
#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: -0.016 min
Response: 3101092
Conc: 19.13 ug/ml



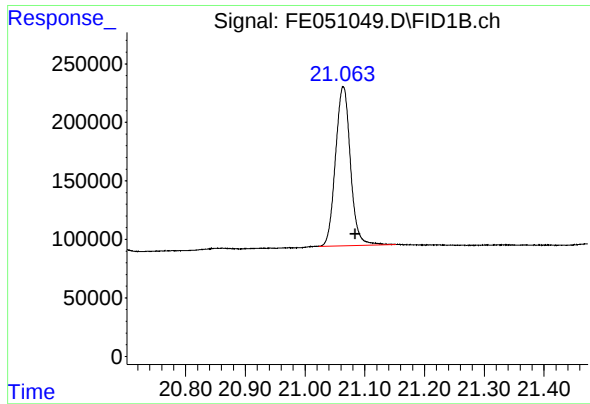
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min
Delta R.T.: -0.016 min
Response: 2791749
Conc: 19.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.341 min
Delta R.T.: -0.017 min
Response: 2504891
Conc: 19.75 ug/ml



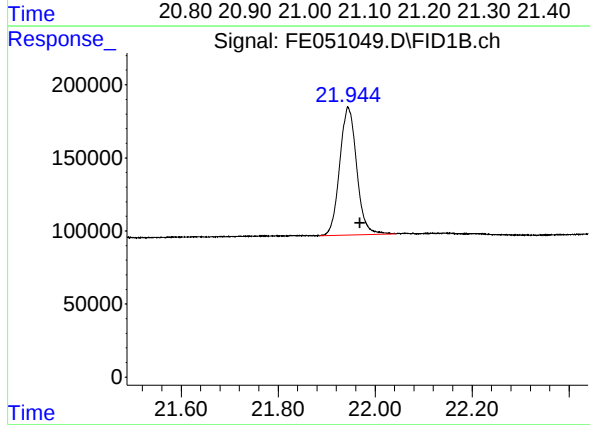
#21 n-Octatriacontane (C38)

R.T.: 21.063 min
Delta R.T.: -0.021 min
Response: 2370543
Conc: 19.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: -0.025 min
Response: 2131066
Conc: 19.14 ug/ml m