

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AL\
 Data File : FD042783.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 20:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 02:27:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.577	3253668	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.013	2570210	19.680 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T n-Nonane (C9)	3.349	2720739	19.640 ug/ml
2) T n-Decane (C10)	4.415	2758656	19.978 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3147815	20.010 ug/ml
4) T n-Dodecane (C12)	6.431	2834921	20.006 ug/ml
5) T A~2-methylnaphthalene...	7.051	3207914	20.037 ug/ml
6) T n-Tetradecane (C14)	8.224	2887109	20.047 ug/ml
7) T n-Hexadecane (C16)	9.822	2958822	20.059 ug/ml
8) T n-Octadecane (C18)	11.262	3007605	19.982 ug/ml
10) T n-Eicosane (C20)	12.569	2990388	19.886 ug/ml
11) T n-Heneicosane (C21)	13.180	2980591	19.689 ug/ml
13) T n-Docosane (C22)	13.766	3003019	19.866 ug/ml
14) T n-Tetracosane (C24)	14.866	3007864	20.042 ug/ml
15) T n-Hexacosane (C26)	15.884	2956191	20.277 ug/ml
16) T n-Octacosane (C28)	16.832	2924722	20.970 ug/ml
17) T n-Tricontane (C30)	17.717	2875114	21.991 ug/ml
18) T n-Dotriacontane (C32)	18.548	2655538	22.490 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2320261	21.827 ug/ml
20) T n-Hexatriacontane (C36)	20.066	2097942	21.456 ug/mlm
21) T n-Octatriacontane (C38)	20.799	1999770	21.924 ug/ml
22) T n-Tetracontane (C40)	21.697	1970930	24.322 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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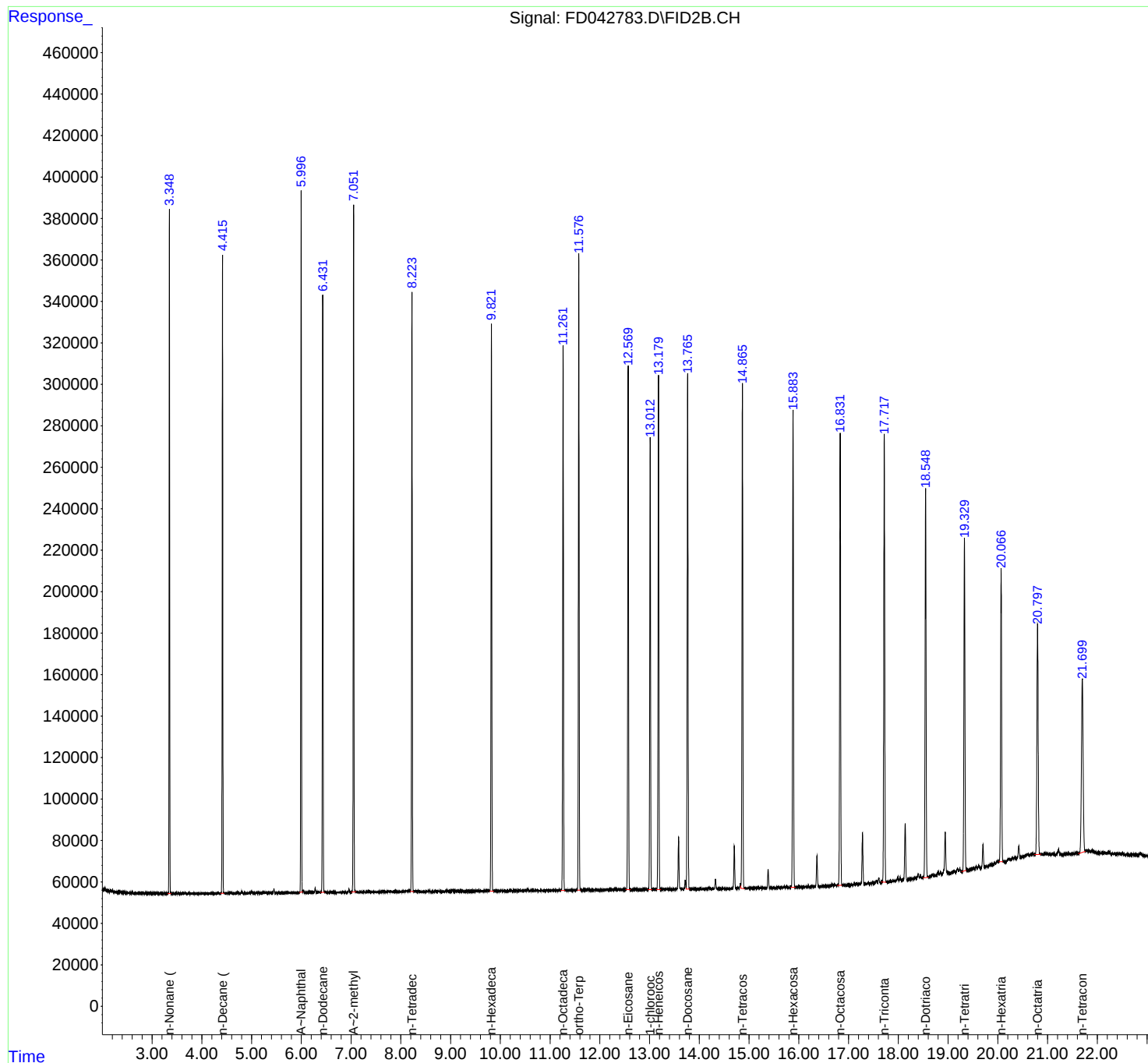
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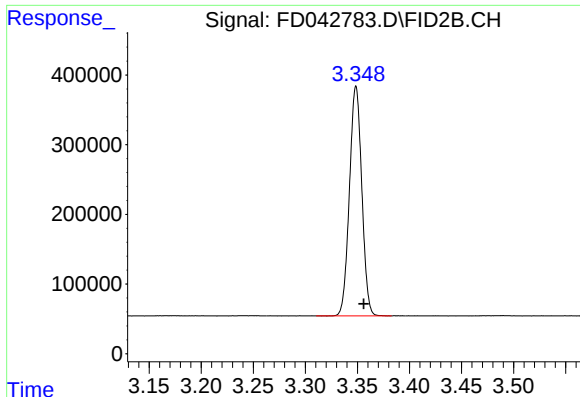
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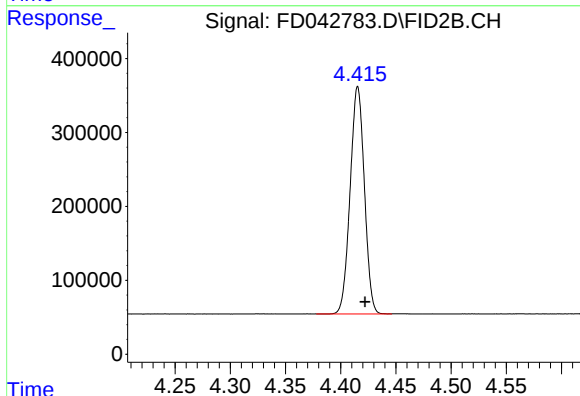
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.007 min
Response: 2720739
Conc: 19.64 ug/ml

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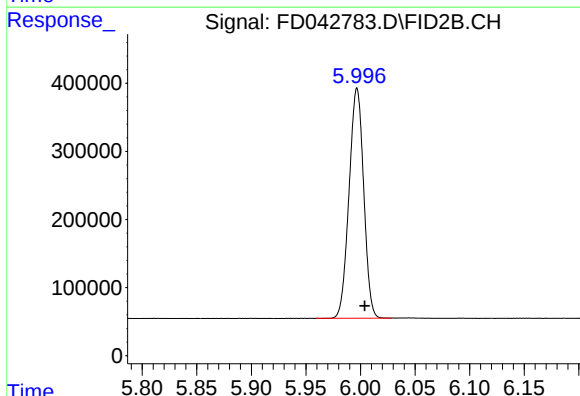
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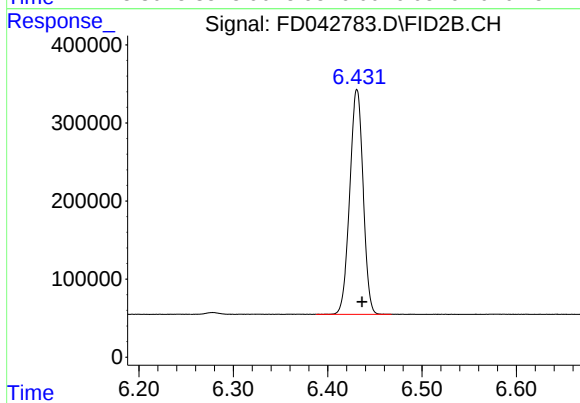
#2 n-Decane (C10)

R.T.: 4.415 min
Delta R.T.: -0.007 min
Response: 2758656
Conc: 19.98 ug/ml



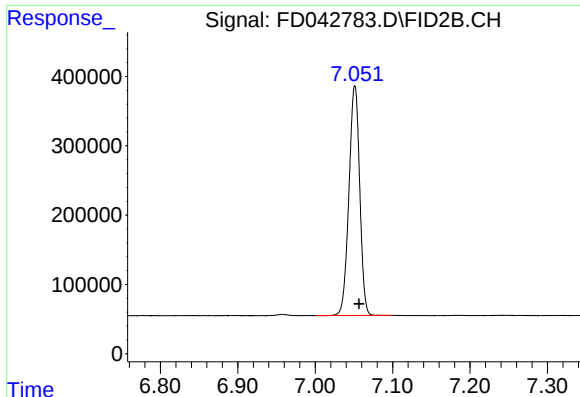
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 3147815
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.431 min
Delta R.T.: -0.005 min
Response: 2834921
Conc: 20.01 ug/ml



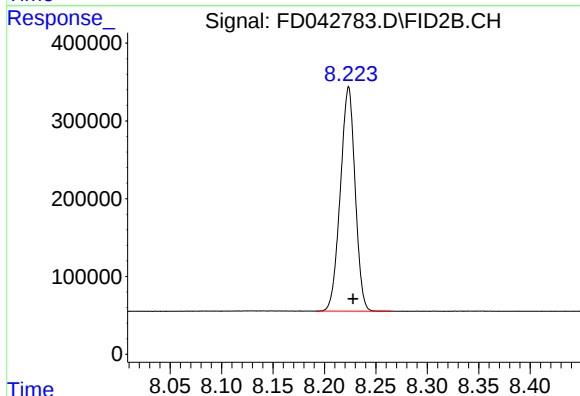
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.006 min
Response: 3207914
Conc: 20.04 ug/ml

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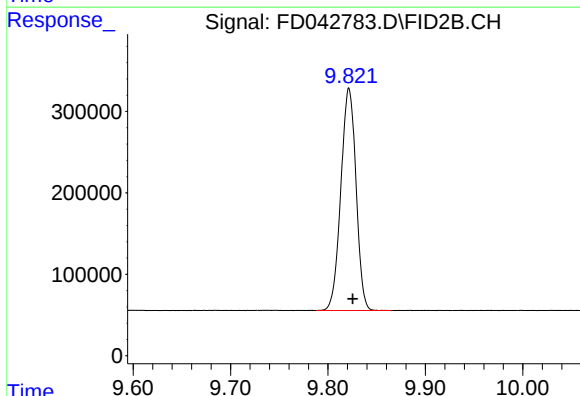
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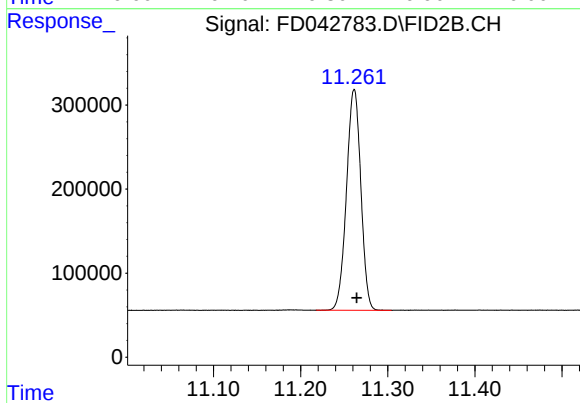
#6 n-Tetradecane (C14)

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 2887109
Conc: 20.05 ug/ml



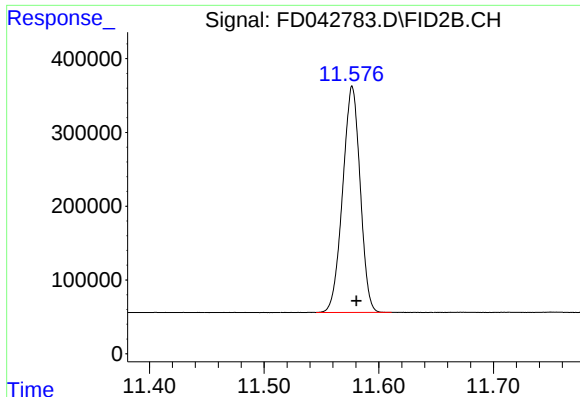
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.004 min
Response: 2958822
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.003 min
Response: 3007605
Conc: 19.98 ug/ml



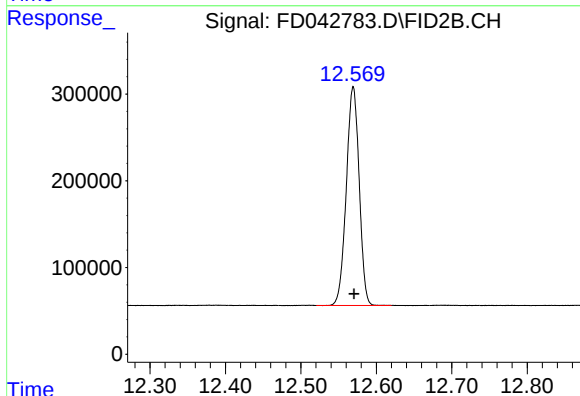
#9 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: -0.004 min
Response: 3253668
Conc: 19.59 ug/ml

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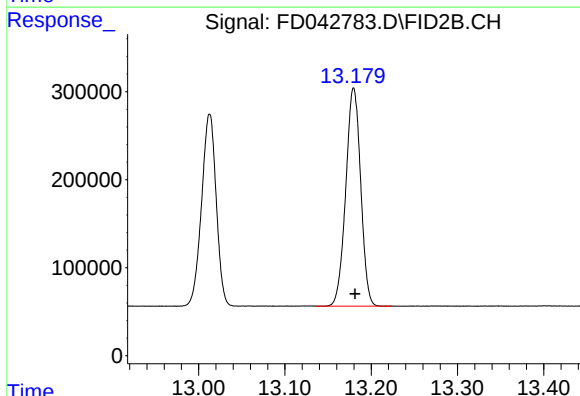
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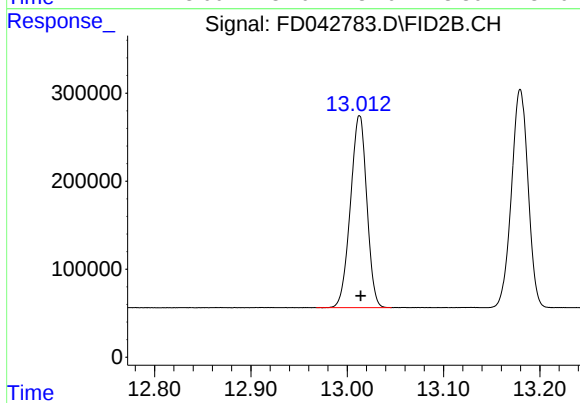
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.001 min
Response: 2990388
Conc: 19.89 ug/ml



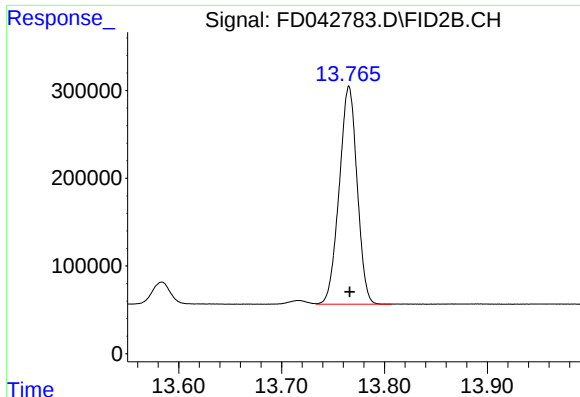
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.002 min
Response: 2980591
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.001 min
Response: 2570210
Conc: 19.68 ug/ml



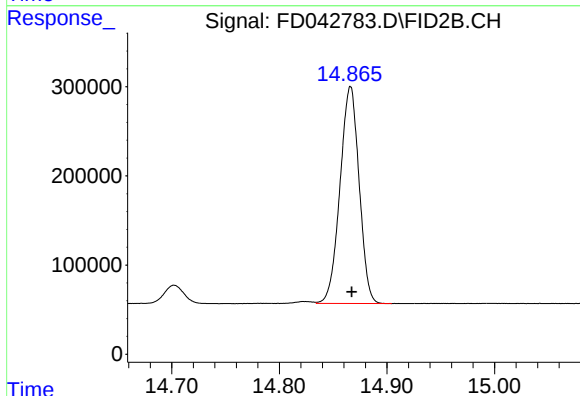
#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: 0.000 min
Response: 3003019
Conc: 19.87 ug/ml

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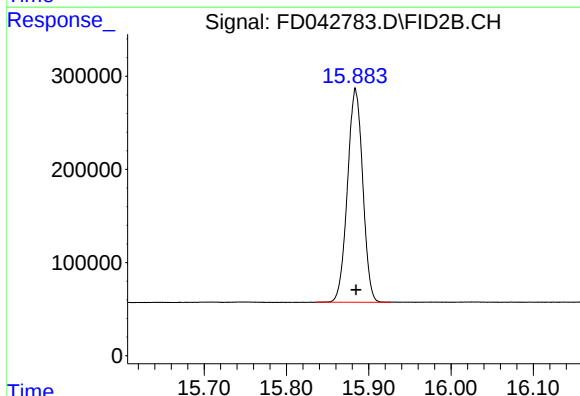
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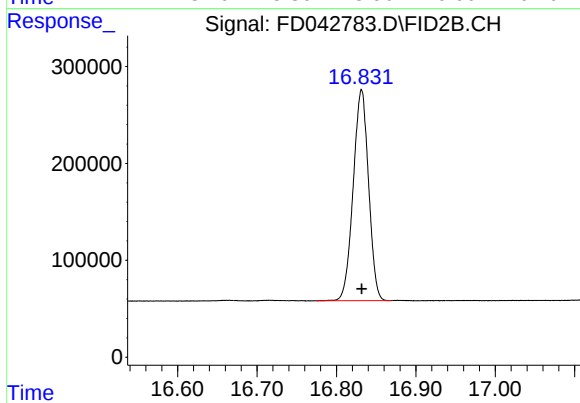
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.001 min
Response: 3007864
Conc: 20.04 ug/ml



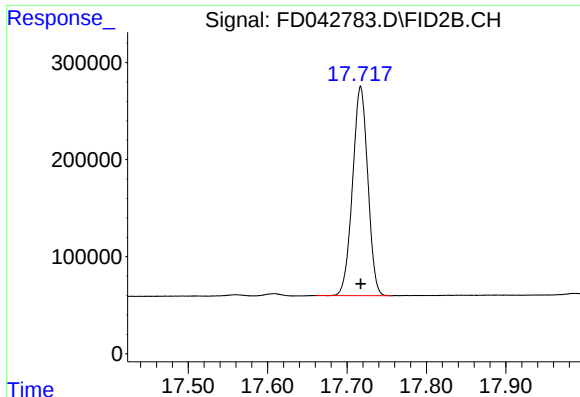
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: 0.000 min
Response: 2956191
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 2924722
Conc: 20.97 ug/ml



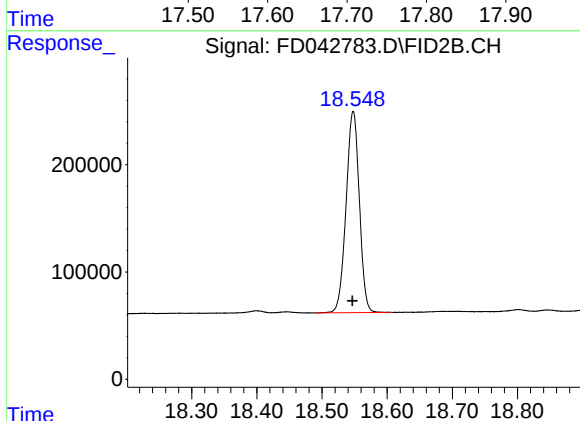
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.000 min
Response: 2875114
Conc: 21.99 ug/ml

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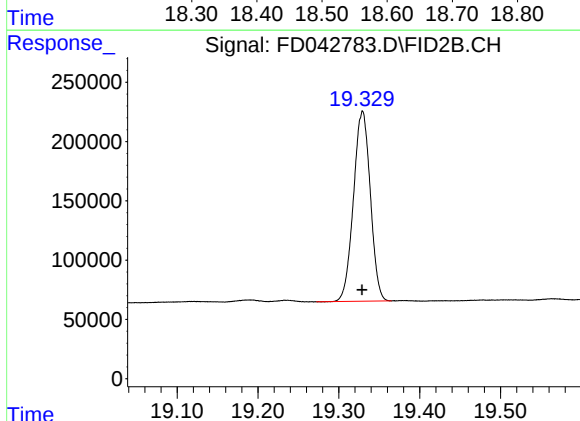
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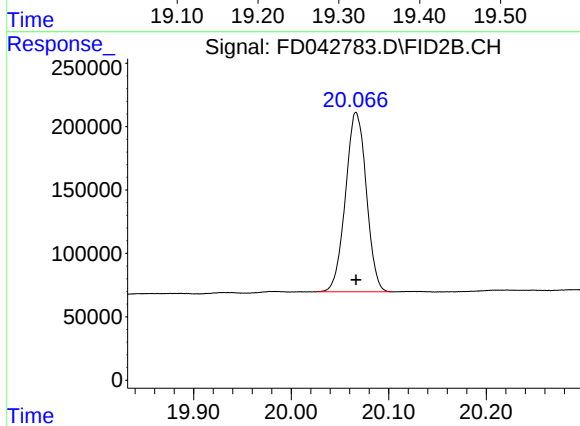
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.001 min
Response: 2655538
Conc: 22.49 ug/ml



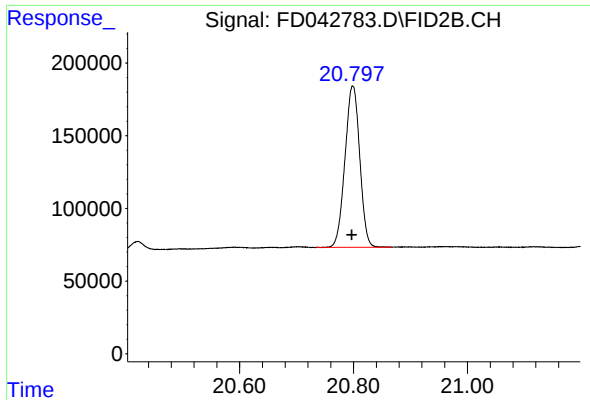
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 2320261
Conc: 21.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: 0.000 min
Response: 2097942
Conc: 21.46 ug/ml m



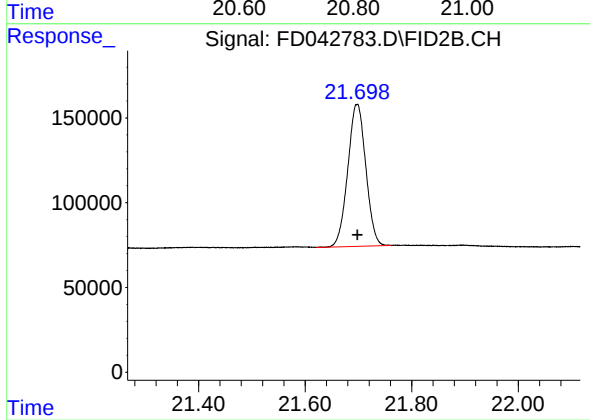
#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.002 min
Response: 1999770
Conc: 21.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: 0.000 min
Response: 1970930
Conc: 24.32 ug/ml