

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060222AL\
 Data File : FD042732.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jun 2022 10:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 02 12:55:34 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)	11.581	3172485	19.102 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	13.016	2495601	19.109 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T n-Nonane (C9)	3.349	2766536	19.970 ug/ml
2) T n-Decane (C10)	4.418	2750340	19.918 ug/ml
3) T A~Naphthalene (C11.7)	6.000	3141054	19.967 ug/ml
4) T n-Dodecane (C12)	6.434	2819264	19.895 ug/ml
5) T A~2-methylnaphthalene...	7.055	3189866	19.924 ug/ml
6) T n-Tetradecane (C14)	8.227	2851371	19.799 ug/ml
7) T n-Hexadecane (C16)	9.826	2904890	19.693 ug/ml
8) T n-Octadecane (C18)	11.265	2929291	19.462 ug/ml
10) T n-Eicosane (C20)	12.573	2887785	19.203 ug/ml
11) T n-Heneicosane (C21)	13.184	2882258	19.039 ug/ml
13) T n-Docosane (C22)	13.768	2852030	18.867 ug/ml
14) T n-Tetracosane (C24)	14.870	2784453	18.553 ug/ml
15) T n-Hexacosane (C26)	15.887	2680811	18.388 ug/ml
16) T n-Octacosane (C28)	16.836	2560590	18.359 ug/ml
17) T n-Tricontane (C30)	17.721	2424595	18.545 ug/ml
18) T n-Dotriacontane (C32)	18.552	2234383	18.923 ug/ml
19) T n-Tetratriacontane (C34)	19.332	2070431	19.477 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1947806	19.921 ug/ml
21) T n-Octatriacontane (C38)	20.803	1901344	20.845 ug/ml
22) T n-Tetracontane (C40)	21.704	1940989	23.953 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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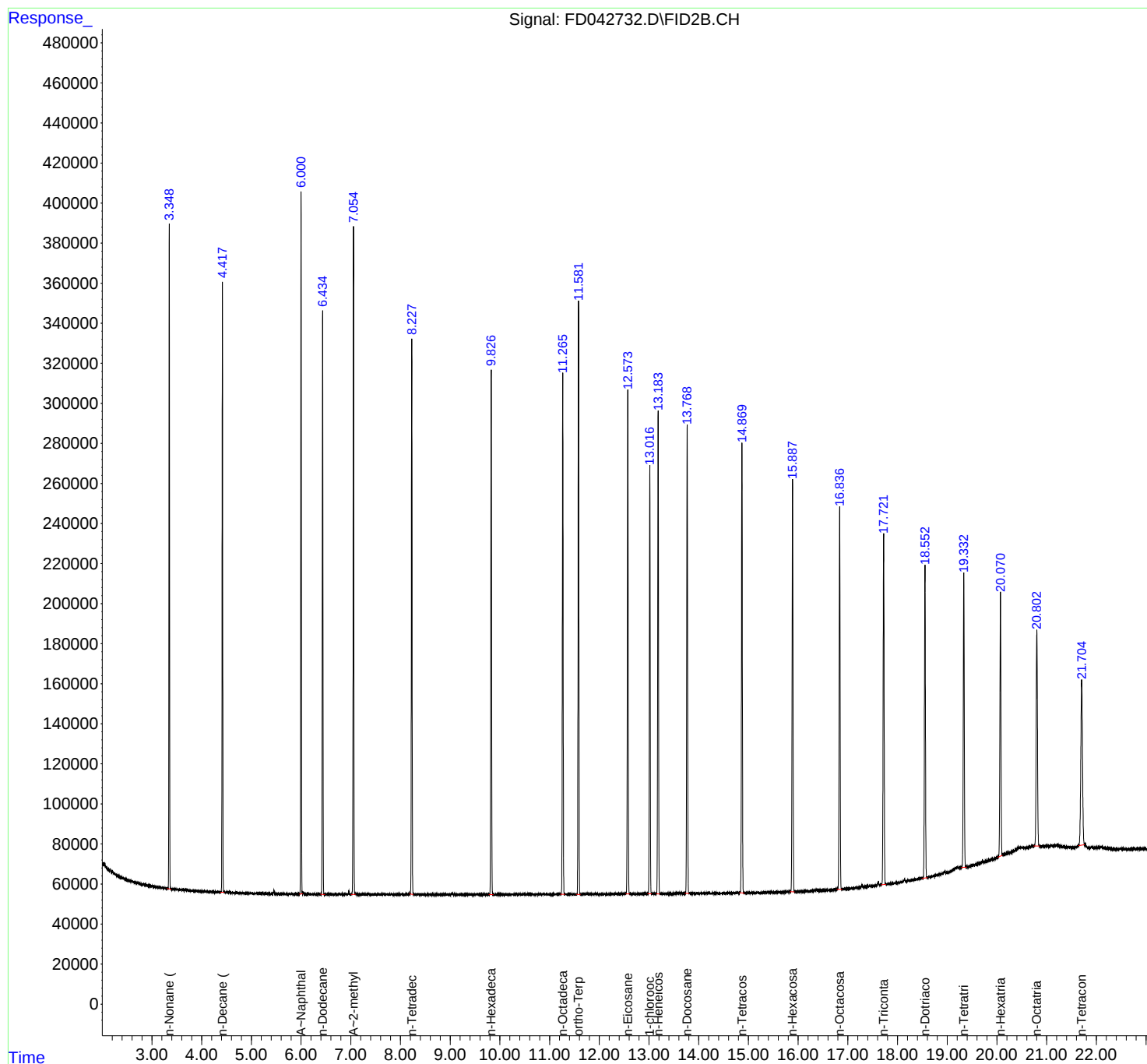
Instrument :
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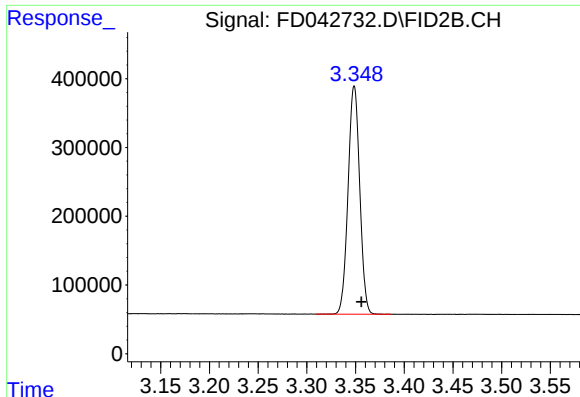
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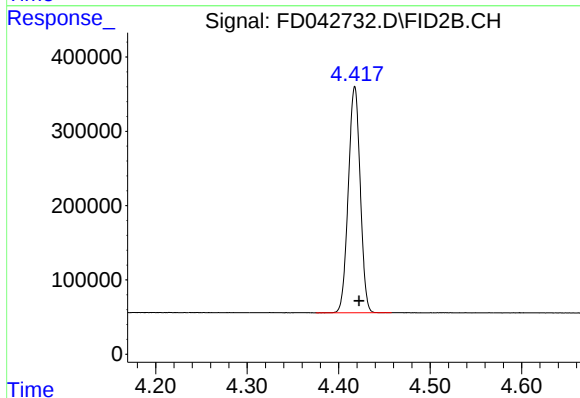
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.007 min
Response: 2766536
Conc: 19.97 ug/ml

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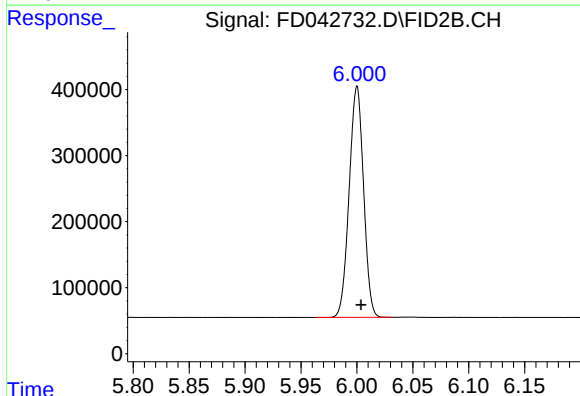
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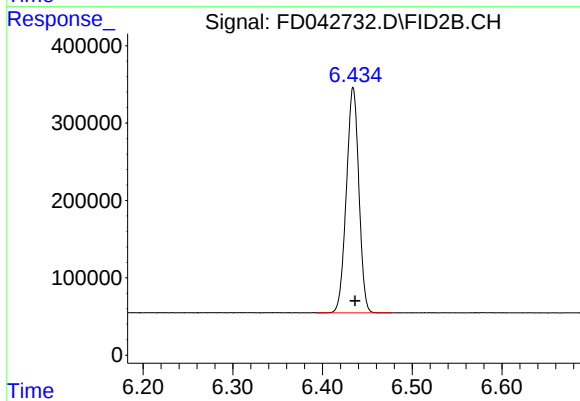
#2 n-Decane (C10)

R.T.: 4.418 min
Delta R.T.: -0.005 min
Response: 2750340
Conc: 19.92 ug/ml



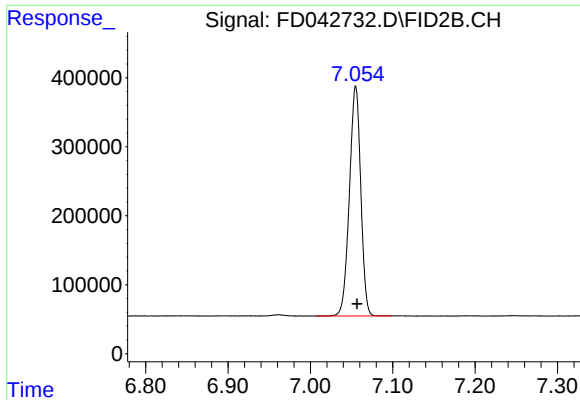
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.004 min
Response: 3141054
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 2819264
Conc: 19.90 ug/ml



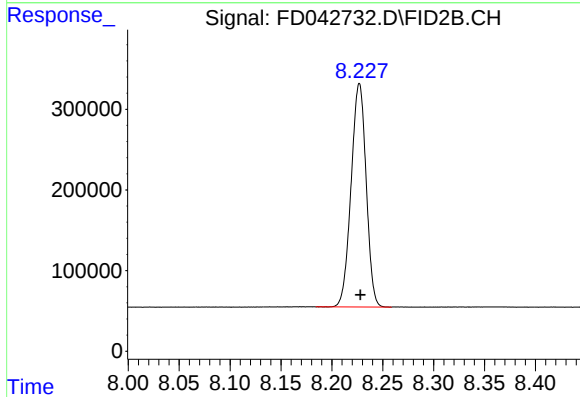
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 3189866
Conc: 19.92 ug/ml

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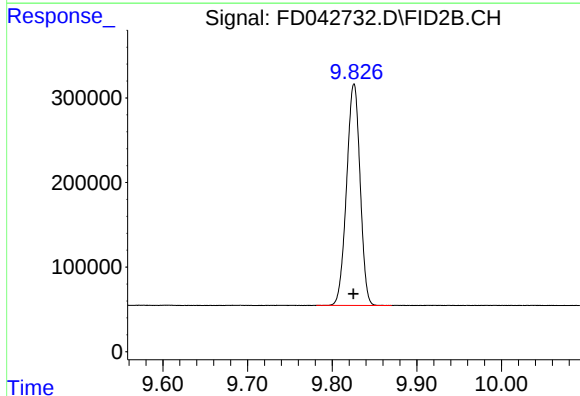
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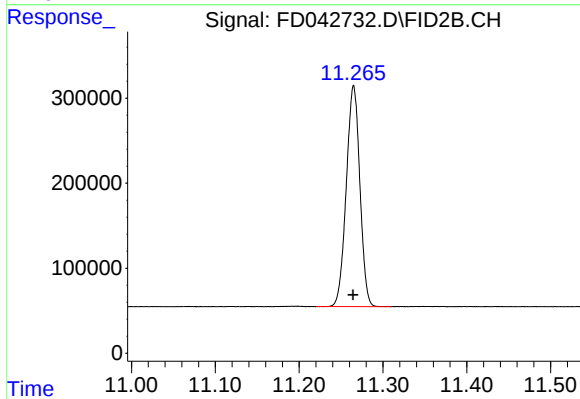
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 2851371
Conc: 19.80 ug/ml



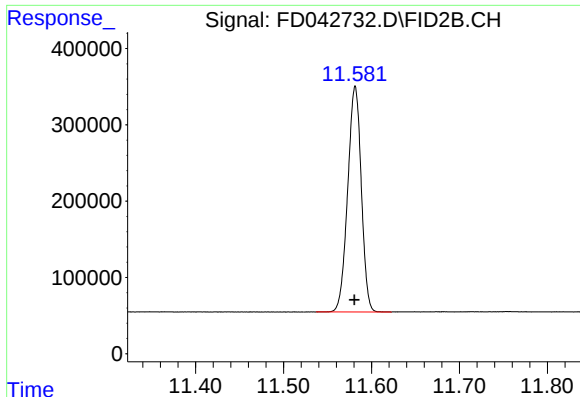
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 2904890
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 2929291
Conc: 19.46 ug/ml



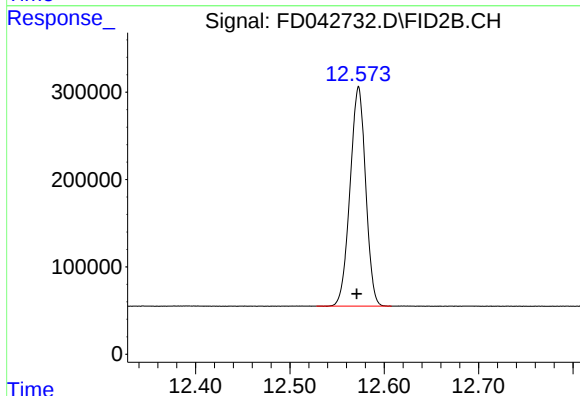
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 3172485
Conc: 19.10 ug/ml

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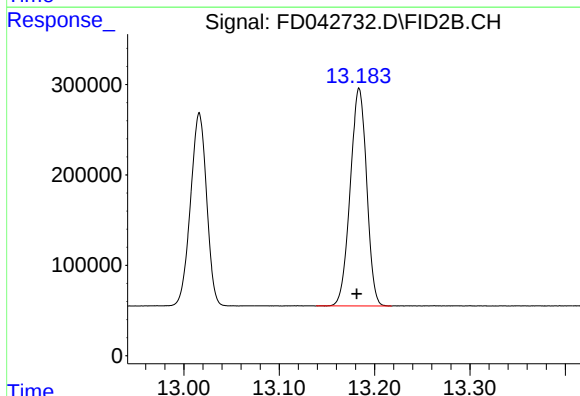
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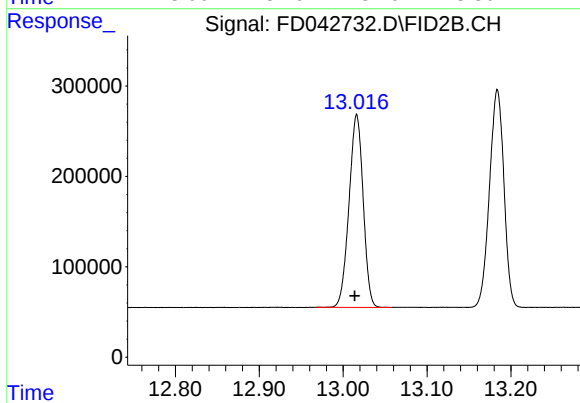
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.002 min
Response: 2887785
Conc: 19.20 ug/ml



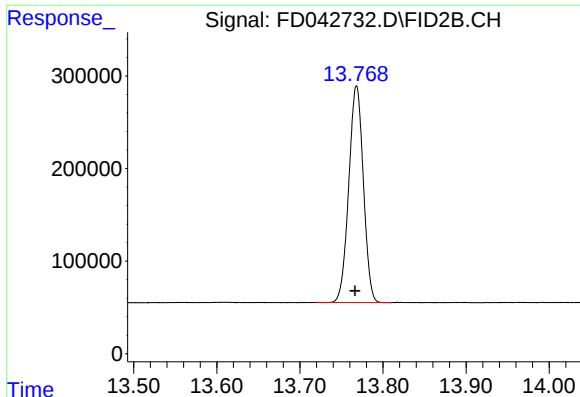
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.003 min
Response: 2882258
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.016 min
Delta R.T.: 0.002 min
Response: 2495601
Conc: 19.11 ug/ml



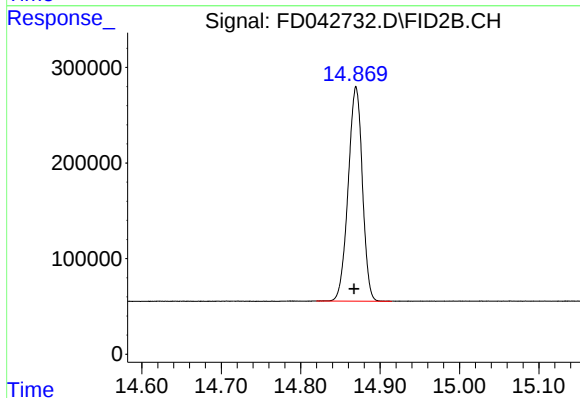
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: 0.002 min
Response: 2852030
Conc: 18.87 ug/ml

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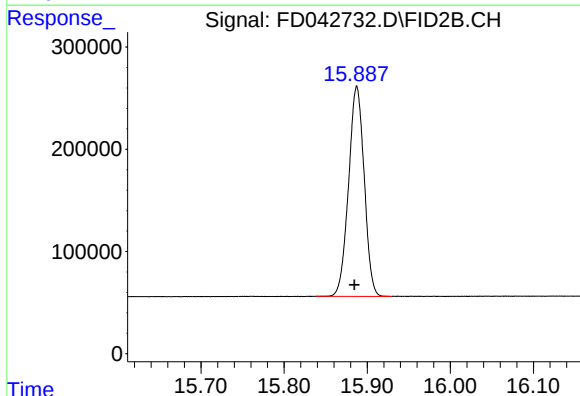
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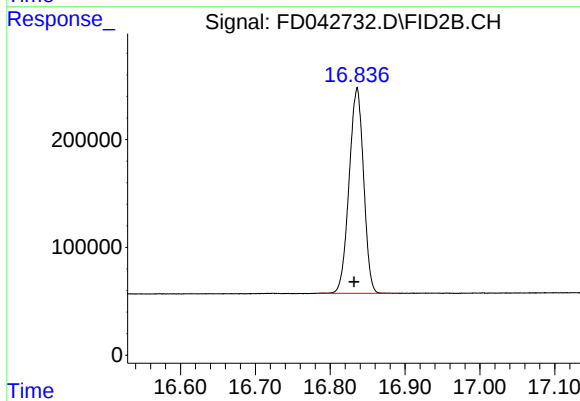
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: 0.003 min
Response: 2784453
Conc: 18.55 ug/ml



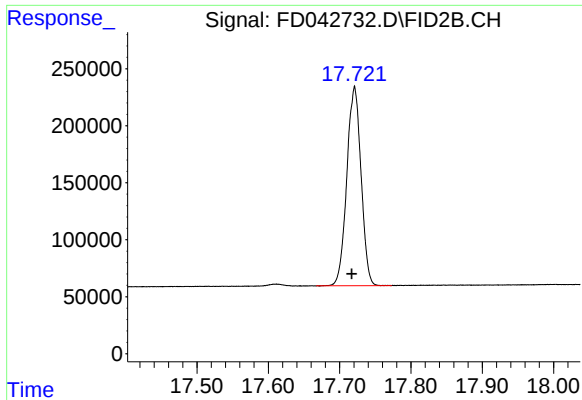
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.003 min
Response: 2680811
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: 0.004 min
Response: 2560590
Conc: 18.36 ug/ml



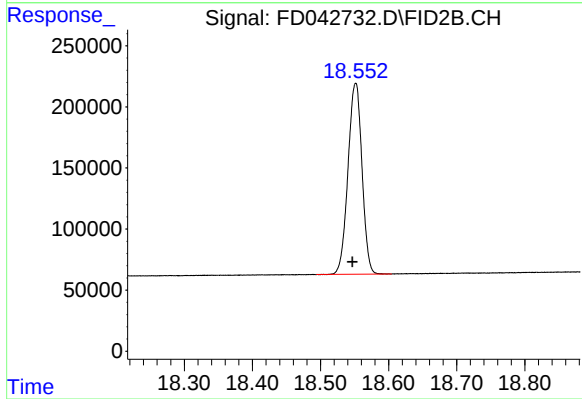
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.004 min
Response: 2424595
Conc: 18.55 ug/ml

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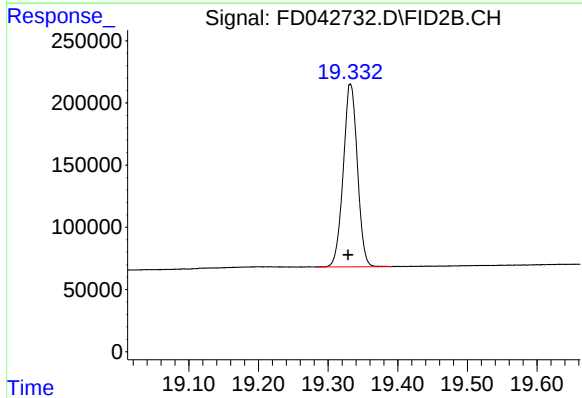
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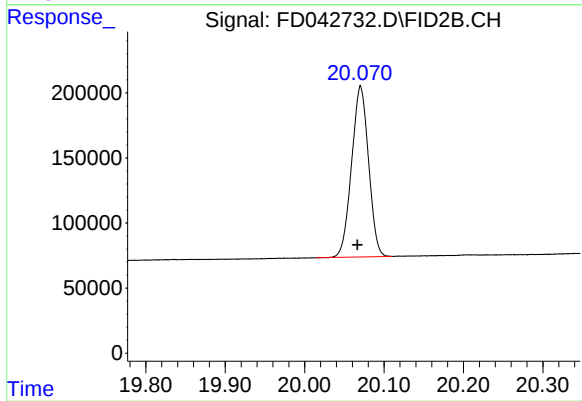
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.005 min
Response: 2234383
Conc: 18.92 ug/ml



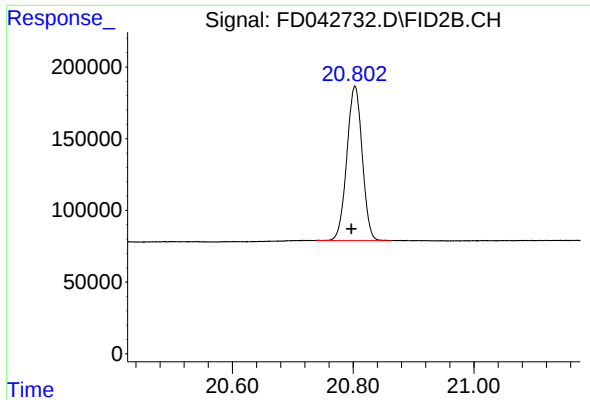
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.003 min
Response: 2070431
Conc: 19.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.004 min
Response: 1947806
Conc: 19.92 ug/ml



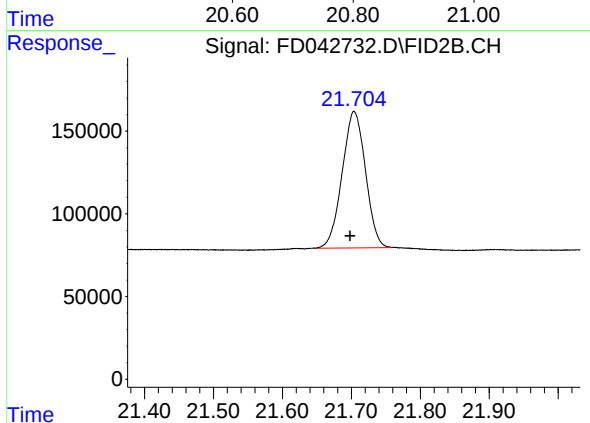
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.006 min
Response: 1901344
Conc: 20.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: 0.006 min
Response: 1940989
Conc: 23.95 ug/ml m