

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061122AL\
 Data File : FD042867.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2022 21:19
 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 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: sample.E
 Quant Time: Jun 10 22:59:15 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)	11.574	2739891	16.497 ug/ml
Spiked Amount 50.000		Recovery =	32.99%
12) S 1-chlorooctadecane (S...	13.010	2147431	16.443 ug/ml
Spiked Amount 50.000		Recovery =	32.89%
Target Compounds			
1) T n-Nonane (C9)	3.346	2403001	17.346 ug/ml
2) T n-Decane (C10)	4.412	2405220	17.419 ug/ml
3) T A~Naphthalene (C11.7)	5.994	2757630	17.530 ug/ml
4) T n-Dodecane (C12)	6.428	2478910	17.493 ug/ml
5) T A~2-methylnaphthalene...	7.049	2798908	17.482 ug/ml
6) T n-Tetradecane (C14)	8.221	2525519	17.536 ug/ml
7) T n-Hexadecane (C16)	9.820	2574705	17.455 ug/ml
8) T n-Octadecane (C18)	11.259	2595707	17.245 ug/ml
10) T n-Eicosane (C20)	12.566	2572697	17.108 ug/ml
11) T n-Heneicosane (C21)	13.177	2515593	16.617 ug/ml
13) T n-Docosane (C22)	13.762	2603543	17.224 ug/ml
14) T n-Tetracosane (C24)	14.863	2693554	17.948 ug/ml
15) T n-Hexacosane (C26)	15.882	2716278	18.631 ug/ml
16) T n-Octacosane (C28)	16.830	2765961	19.832 ug/ml
17) T n-Tricontane (C30)	17.715	2752513	21.053 ug/ml
18) T n-Dotriacontane (C32)	18.546	2521590	21.356 ug/ml
19) T n-Tetratriacontane (C34)	19.328	2161076	20.329 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1934509	19.785 ug/ml
21) T n-Octatriacontane (C38)	20.797	1806259	19.803 ug/mlm
22) T n-Tetracontane (C40)	21.696	1931290	23.833 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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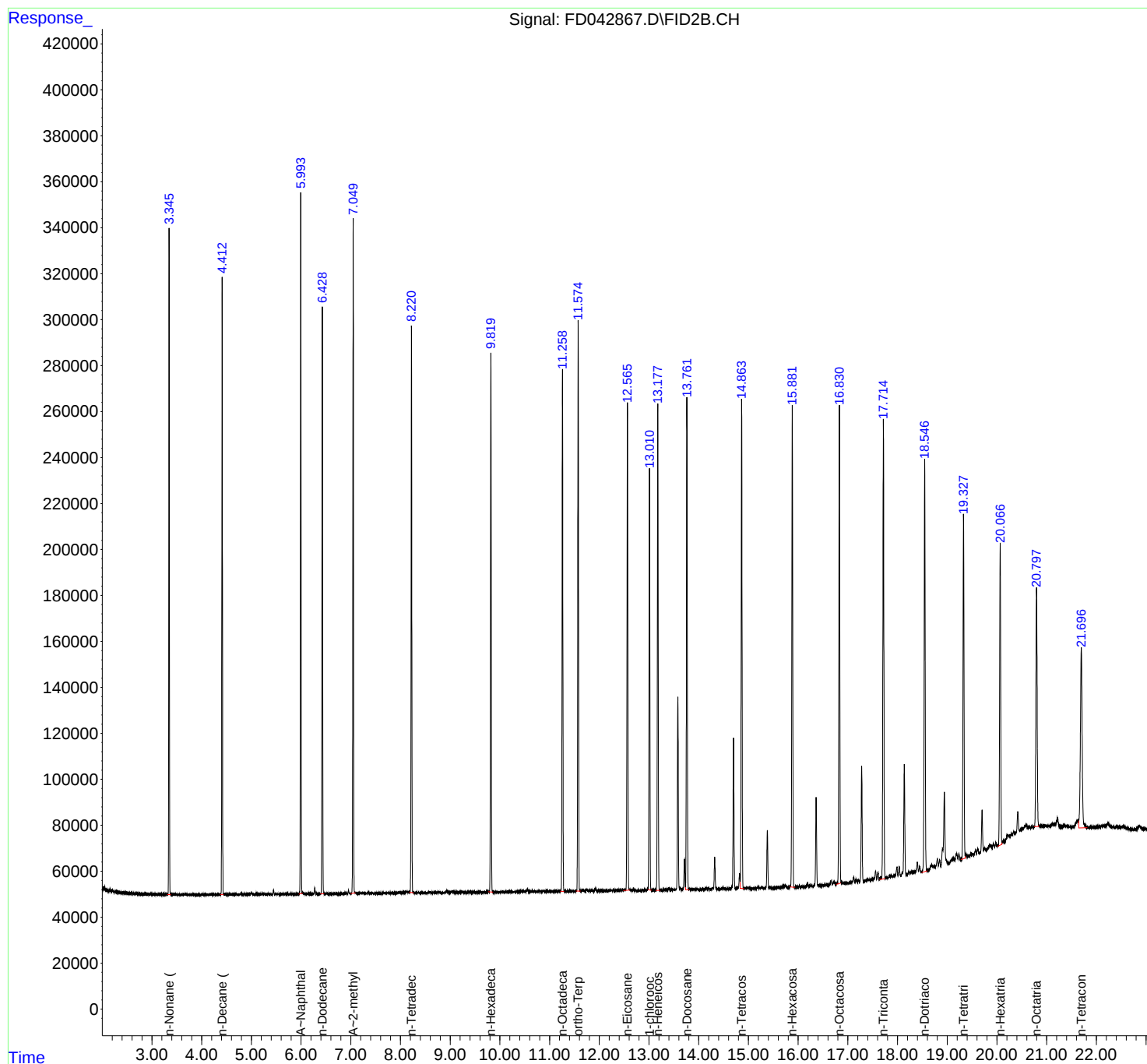
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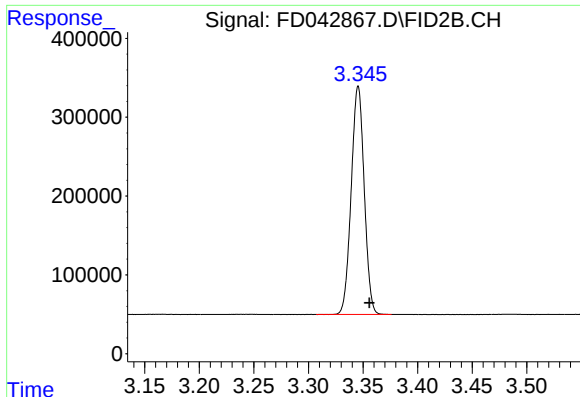
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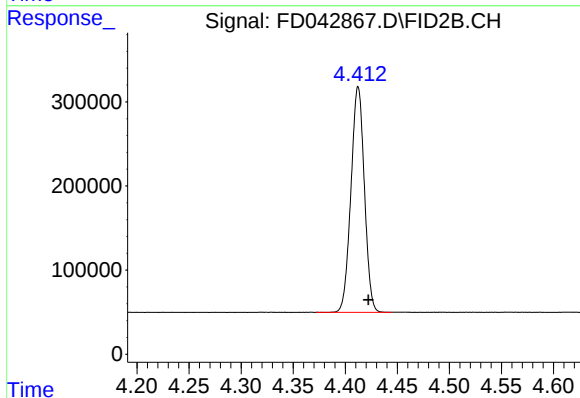
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: -0.010 min
Response: 2403001
Conc: 17.35 ug/ml

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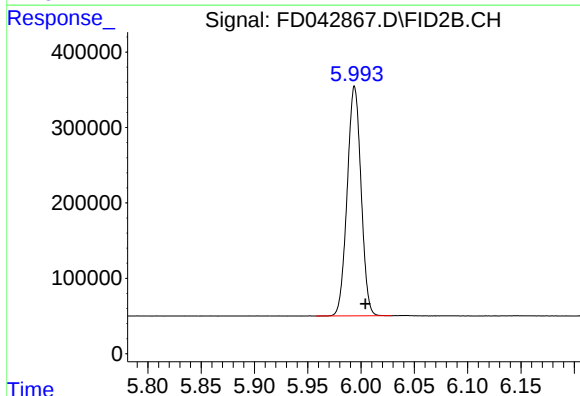
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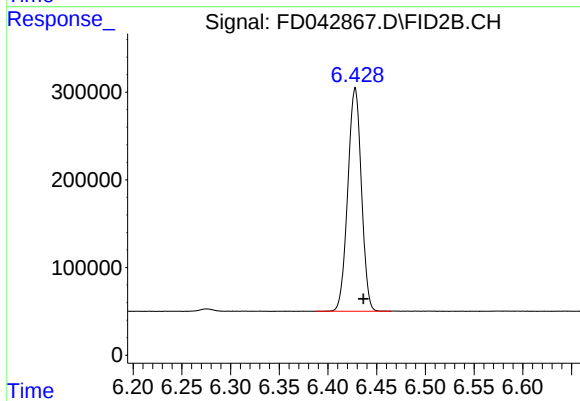
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.010 min
Response: 2405220
Conc: 17.42 ug/ml



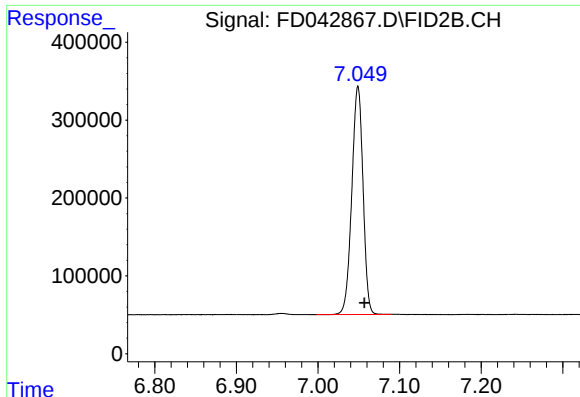
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.010 min
Response: 2757630
Conc: 17.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.008 min
Response: 2478910
Conc: 17.49 ug/ml



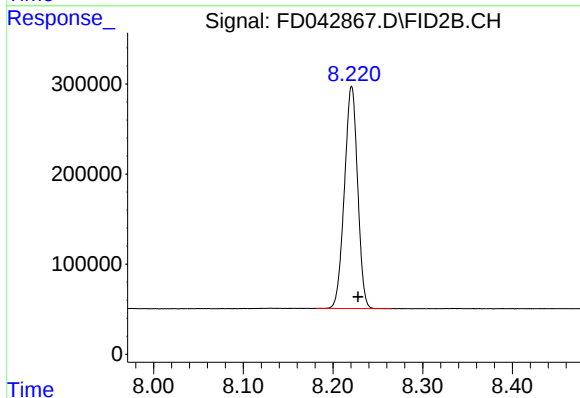
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: -0.008 min
Response: 2798908
Conc: 17.48 ug/ml

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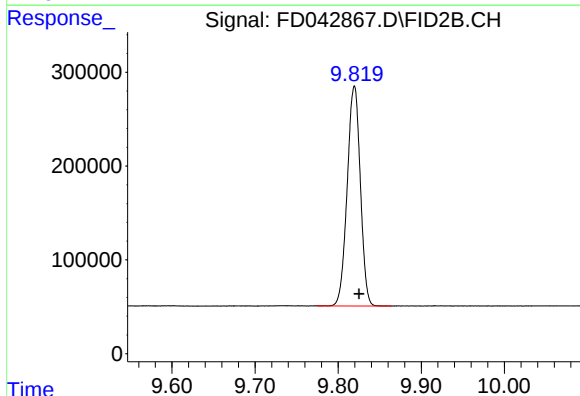
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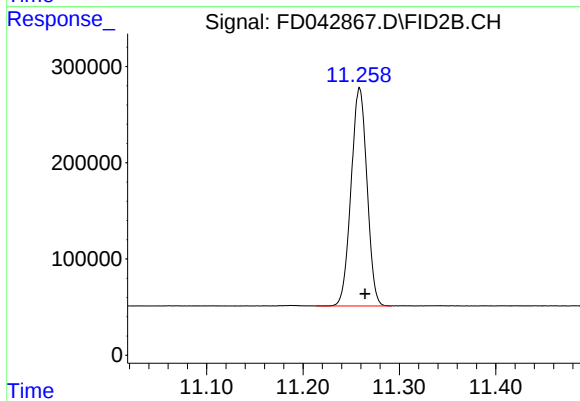
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 2525519
Conc: 17.54 ug/ml



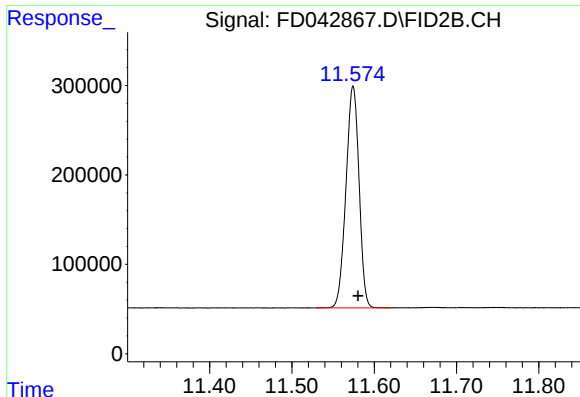
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: -0.006 min
Response: 2574705
Conc: 17.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: -0.006 min
Response: 2595707
Conc: 17.25 ug/ml



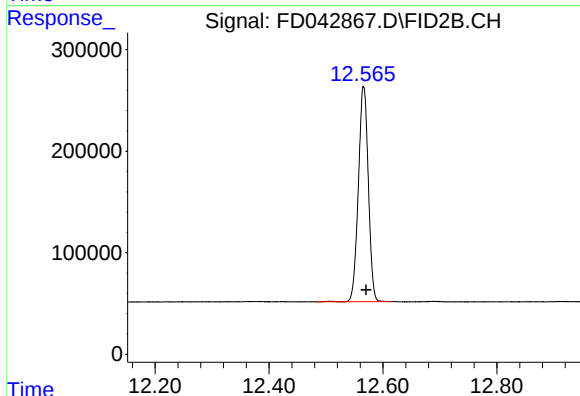
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.006 min
Response: 2739891
Conc: 16.50 ug/ml

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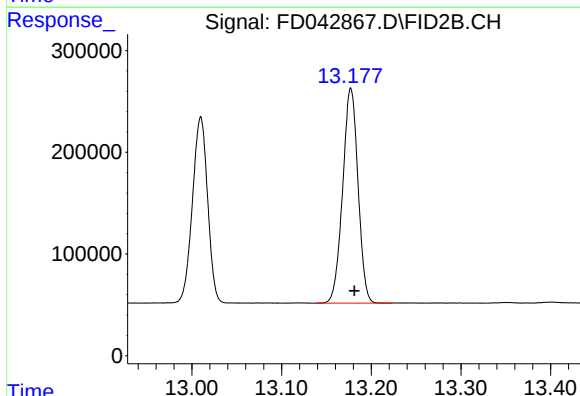
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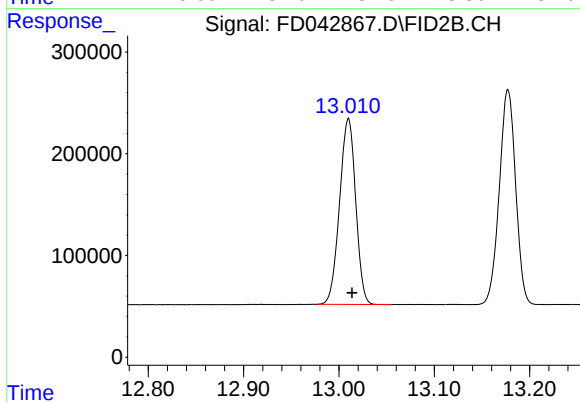
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.005 min
Response: 2572697
Conc: 17.11 ug/ml



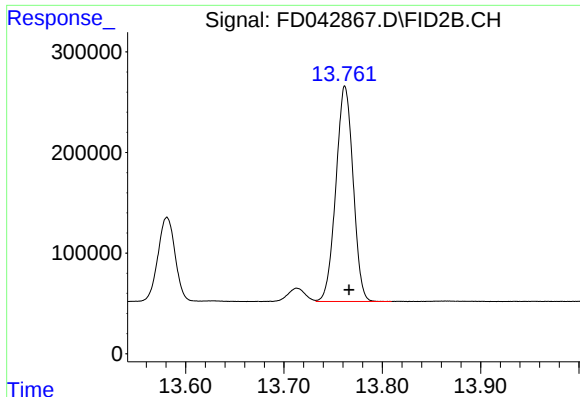
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.004 min
Response: 2515593
Conc: 16.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: -0.004 min
Response: 2147431
Conc: 16.44 ug/ml



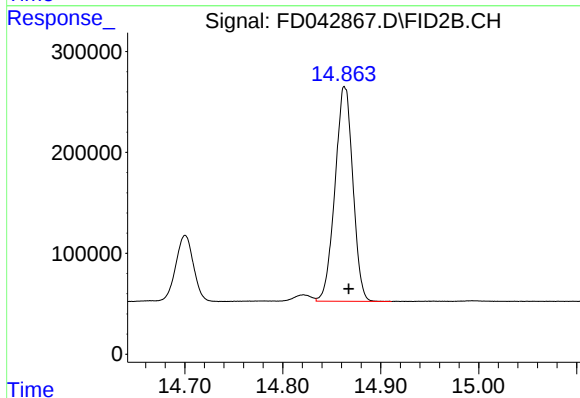
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: -0.004 min
Response: 2603543
Conc: 17.22 ug/ml

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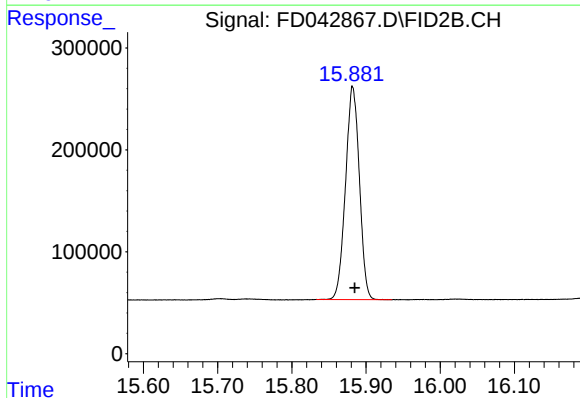
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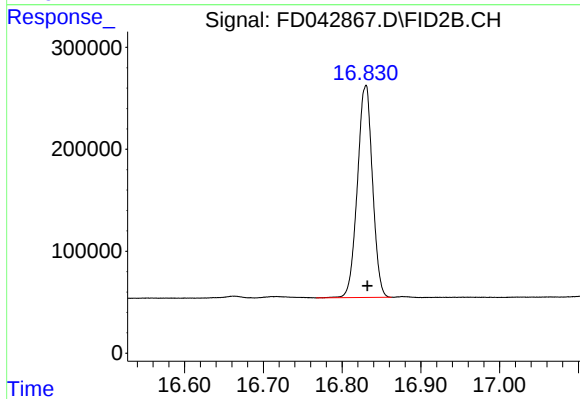
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.004 min
Response: 2693554
Conc: 17.95 ug/ml



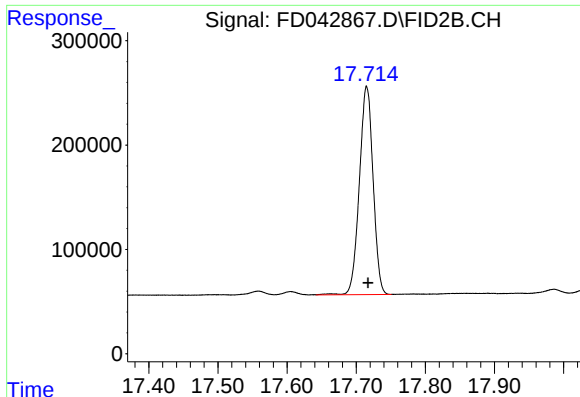
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: -0.003 min
Response: 2716278
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: -0.002 min
Response: 2765961
Conc: 19.83 ug/ml



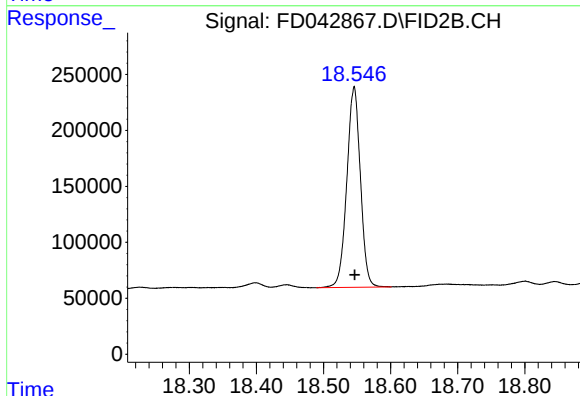
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.002 min
Response: 2752513
Conc: 21.05 ug/ml

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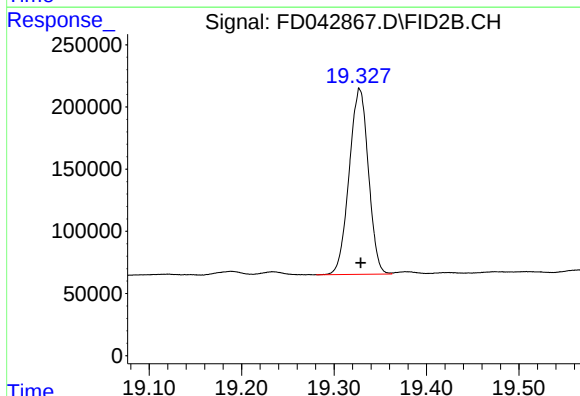
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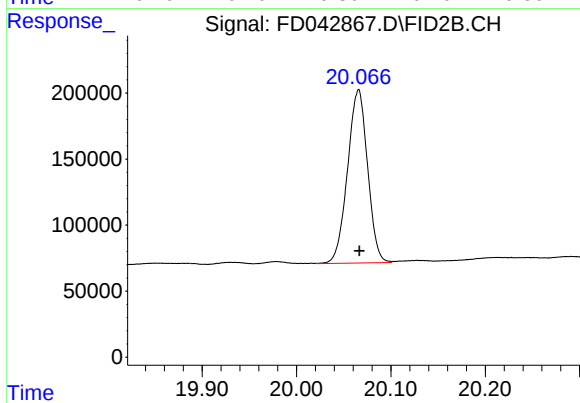
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.001 min
Response: 2521590
Conc: 21.36 ug/ml



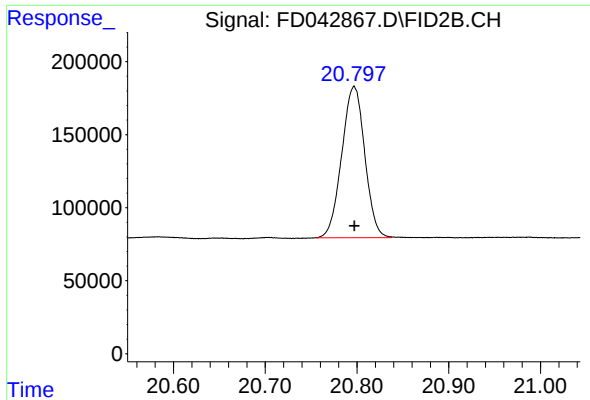
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.000 min
Response: 2161076
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: 0.000 min
Response: 1934509
Conc: 19.78 ug/ml



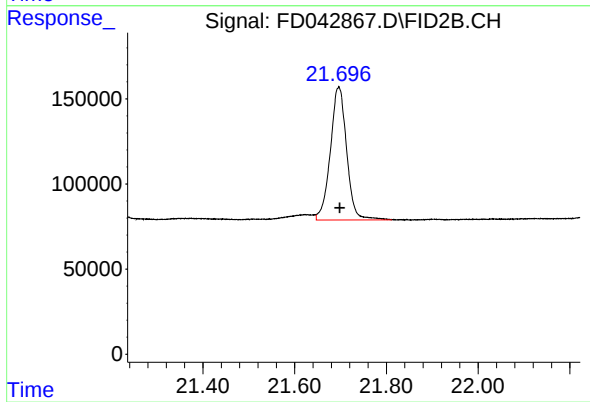
#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.000 min
Response: 1806259
Conc: 19.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: -0.002 min
Response: 1931290
Conc: 23.83 ug/ml m