

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011122AL\
 Data File : FD040540.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 13:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 12 00:30:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.624	3176511	20.601 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	12.062	2405178	20.434 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
Target Compounds			
1) T n-Nonane (C9)	2.573	2685995	20.922 ug/ml
2) T n-Decane (C10)	3.559	2741587	21.291 ug/ml
3) T A~Naphthalene (C11.7)	5.091	3056684	21.515 ug/ml
4) T n-Dodecane (C12)	5.528	2781829	21.765 ug/ml
5) T A~2-methylnaphthalene...	6.131	3088787	21.895 ug/ml
6) T n-Tetradecane (C14)	7.305	2851533	22.013 ug/ml
7) T n-Hexadecane (C16)	8.892	2858470	21.940 ug/ml
8) T n-Octadecane (C18)	10.324	2911092	21.484 ug/ml
10) T n-Eicosane (C20)	11.624	2868642	21.090 ug/ml
11) T n-Heneicosane (C21)	12.232	2830878	20.443 ug/ml
13) T n-Docosane (C22)	12.814	2923952	21.205 ug/ml
14) T n-Tetracosane (C24)	13.911	3092129	22.114 ug/ml
15) T n-Hexacosane (C26)	14.925	3091866	22.430 ug/ml
16) T n-Octacosane (C28)	15.871	3108306	22.908 ug/ml
17) T n-Tricontane (C30)	16.752	3020311	23.173 ug/ml
18) T n-Dotriacontane (C32)	17.581	2761847	23.103 ug/ml
19) T n-Tetratriacontane (C34)	18.360	2433725	23.114 ug/ml
20) T n-Hexatriacontane (C36)	19.096	2123610	20.957 ug/ml
21) T n-Octatriacontane (C38)	19.794	1983629	22.202 ug/mlm
22) T n-Tetracontane (C40)	20.595	1958364	22.910 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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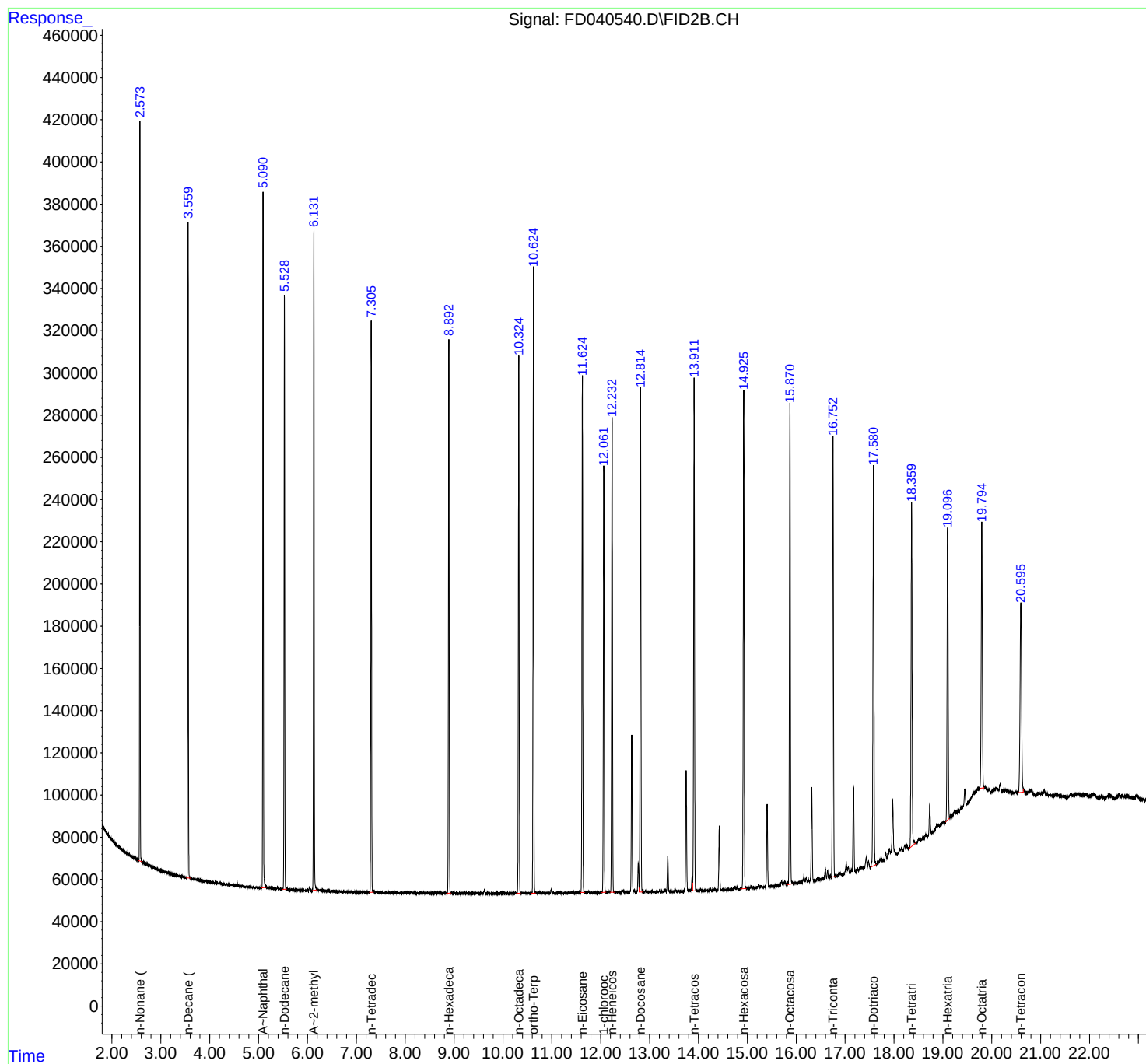
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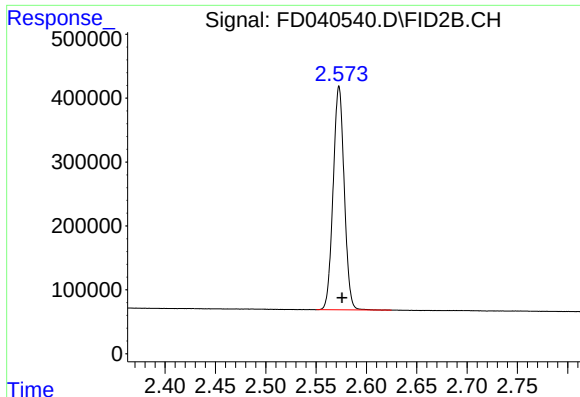
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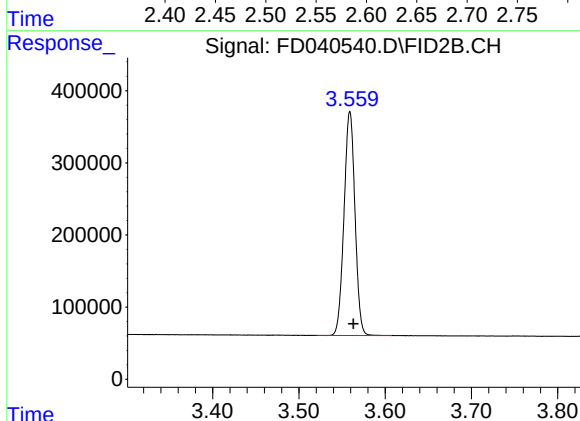
#1 n-Nonane (C9)

R.T.: 2.573 min
Delta R.T.: -0.003 min
Response: 2685995
Conc: 20.92 ug/ml

Instrument :
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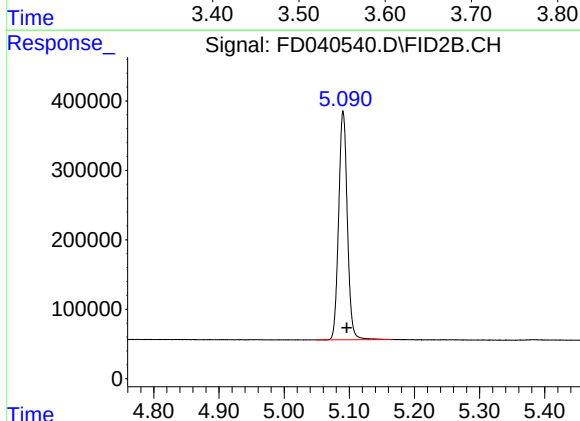
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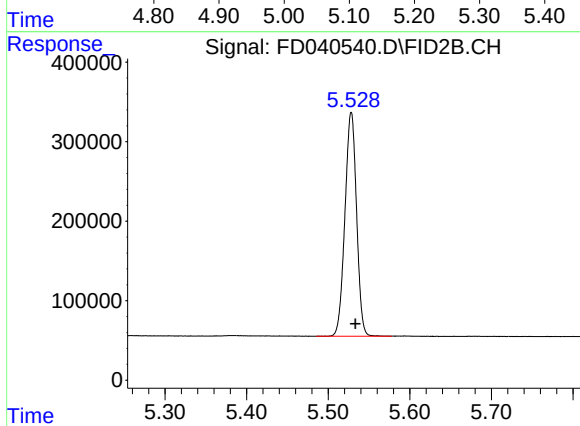
#2 n-Decane (C10)

R.T.: 3.559 min
Delta R.T.: -0.004 min
Response: 2741587
Conc: 21.29 ug/ml



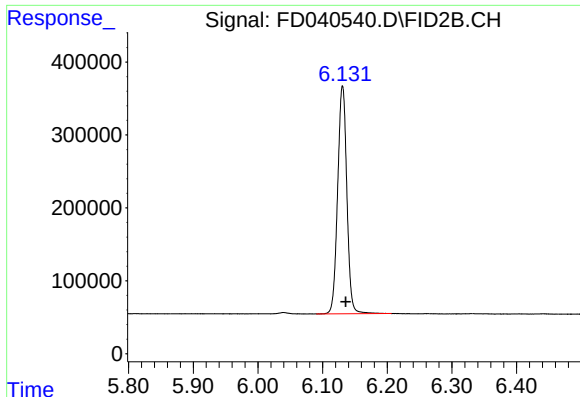
#3 A~Naphthalene (C11.7)

R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 3056684
Conc: 21.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 2781829
Conc: 21.76 ug/ml



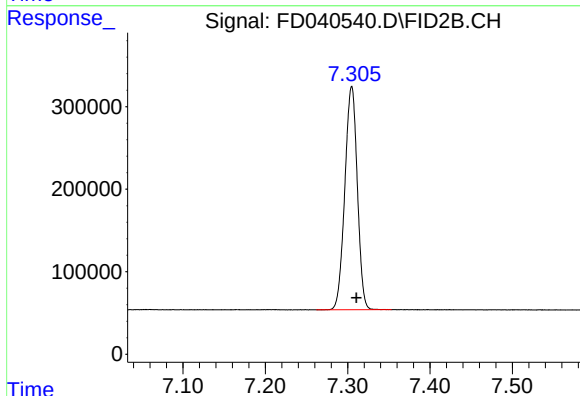
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.131 min
Delta R.T.: -0.005 min
Response: 3088787
Conc: 21.89 ug/ml

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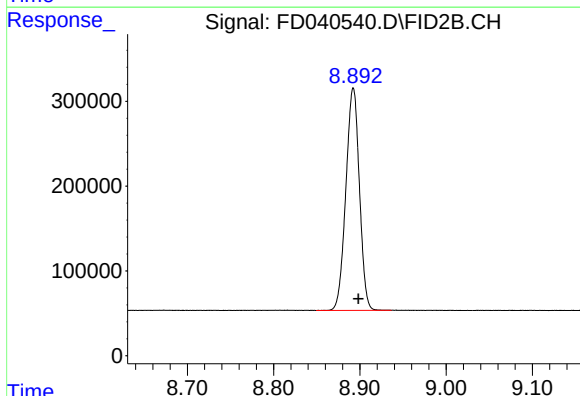
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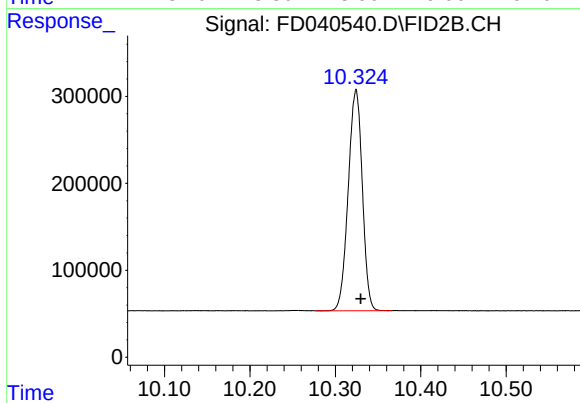
#6 n-Tetradecane (C14)

R.T.: 7.305 min
Delta R.T.: -0.006 min
Response: 2851533
Conc: 22.01 ug/ml



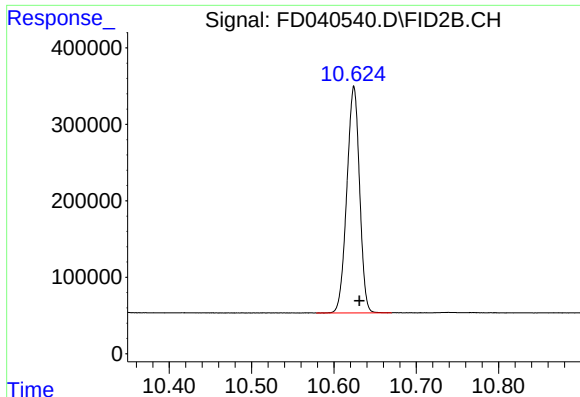
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.006 min
Response: 2858470
Conc: 21.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.324 min
Delta R.T.: -0.006 min
Response: 2911092
Conc: 21.48 ug/ml



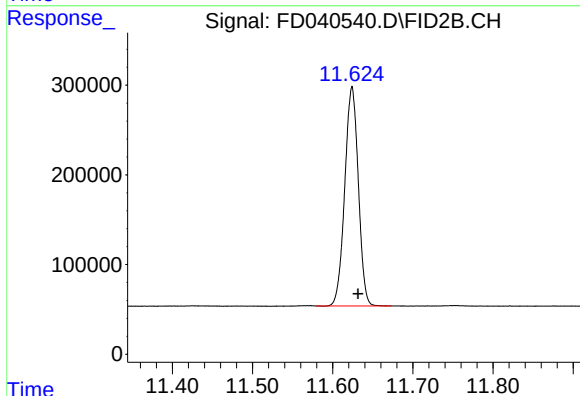
#9 ortho-Terphenyl (SURR)

R.T.: 10.624 min
Delta R.T.: -0.007 min
Response: 3176511
Conc: 20.60 ug/ml

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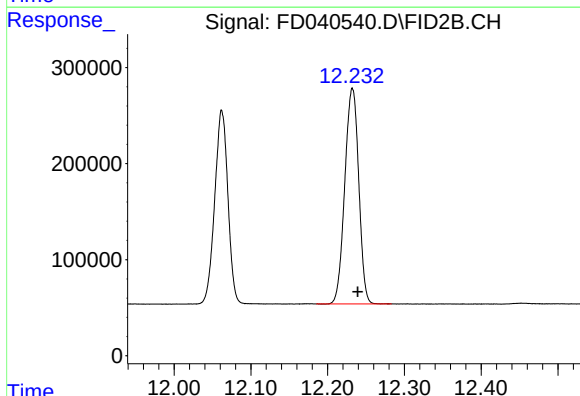
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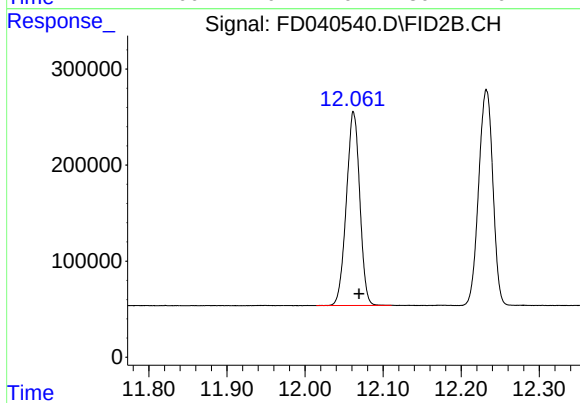
#10 n-Eicosane (C20)

R.T.: 11.624 min
Delta R.T.: -0.007 min
Response: 2868642
Conc: 21.09 ug/ml



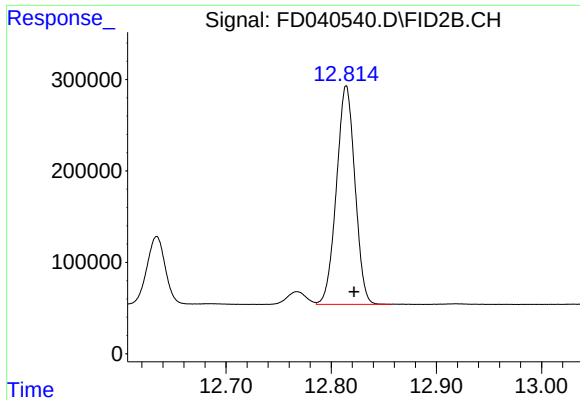
#11 n-Heneicosane (C21)

R.T.: 12.232 min
Delta R.T.: -0.007 min
Response: 2830878
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.062 min
Delta R.T.: -0.007 min
Response: 2405178
Conc: 20.43 ug/ml



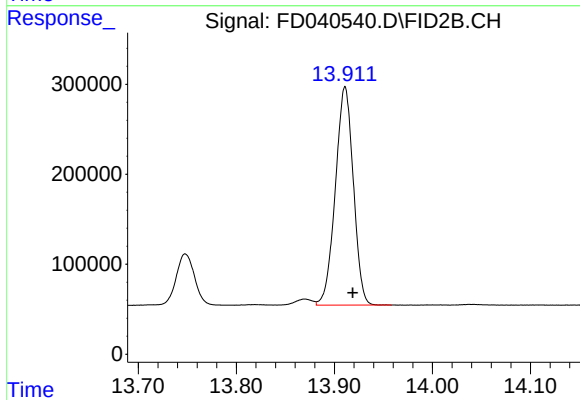
#13 n-Docosane (C22)

R.T.: 12.814 min
Delta R.T.: -0.008 min
Response: 2923952
Conc: 21.21 ug/ml

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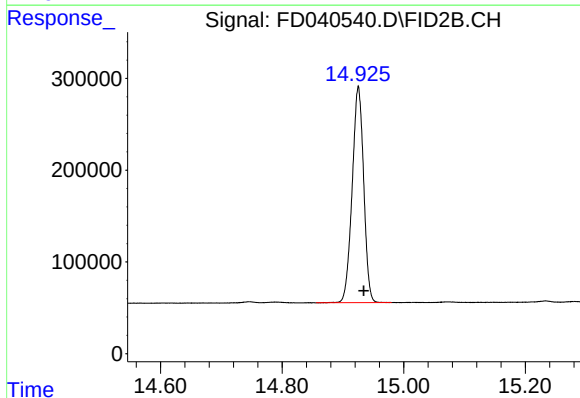
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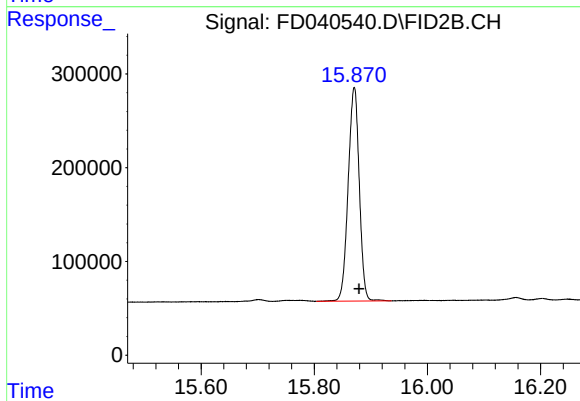
#14 n-Tetracosane (C24)

R.T.: 13.911 min
Delta R.T.: -0.008 min
Response: 3092129
Conc: 22.11 ug/ml



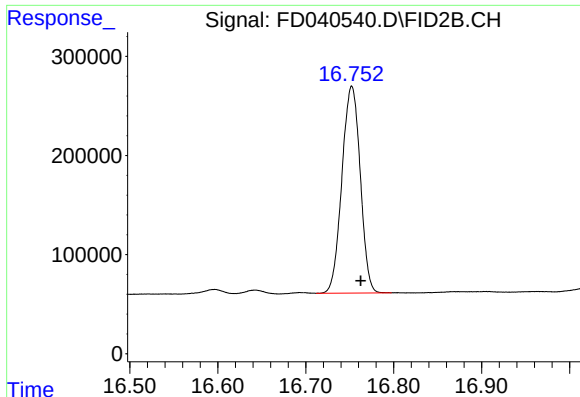
#15 n-Hexacosane (C26)

R.T.: 14.925 min
Delta R.T.: -0.009 min
Response: 3091866
Conc: 22.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.871 min
Delta R.T.: -0.009 min
Response: 3108306
Conc: 22.91 ug/ml



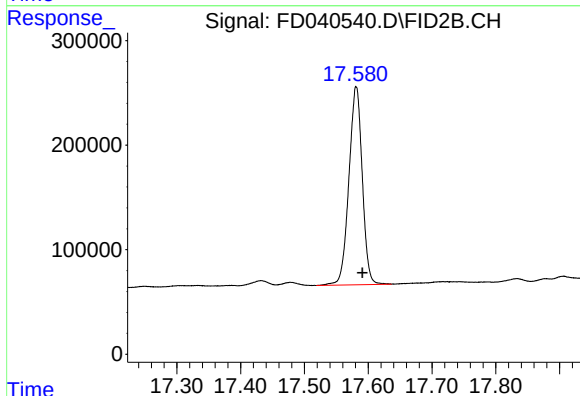
#17 n-Tricontane (C30)

R.T.: 16.752 min
Delta R.T.: -0.010 min
Response: 3020311
Conc: 23.17 ug/ml

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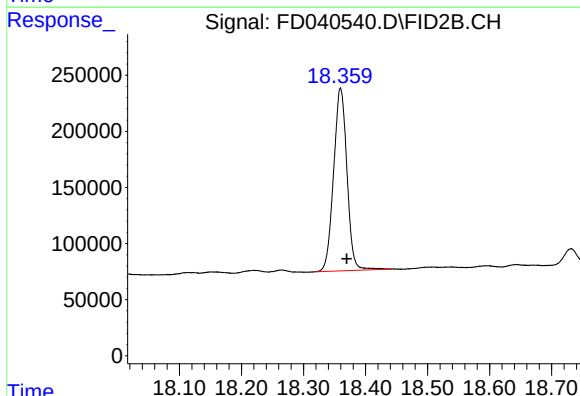
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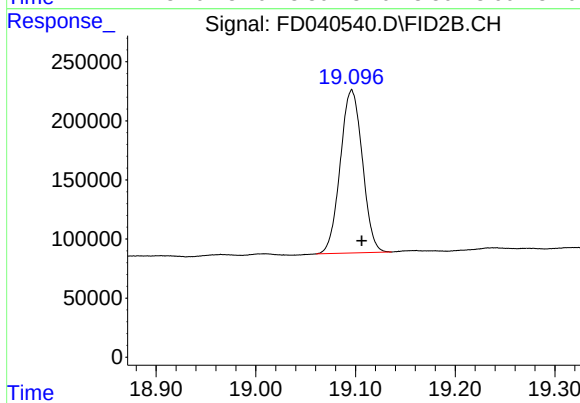
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 2761847
Conc: 23.10 ug/ml



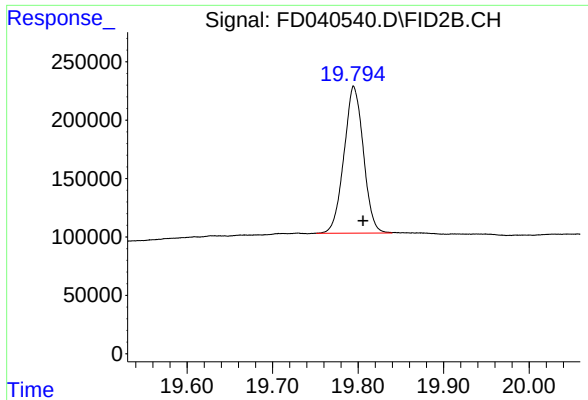
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min
Delta R.T.: -0.010 min
Response: 2433725
Conc: 23.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 2123610
Conc: 20.96 ug/ml



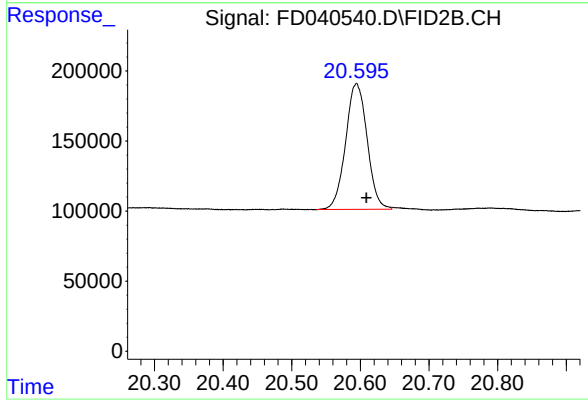
#21 n-Octatriacontane (C38)

R.T.: 19.794 min
Delta R.T.: -0.012 min
Response: 1983629
Conc: 22.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.595 min
Delta R.T.: -0.015 min
Response: 1958364
Conc: 22.91 ug/ml m