

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030322AL\
 Data File : FD041385.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2022 22:54
 Operator : UA/NP
 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 03/04/2022
 Supervised By :Ankita Jodhani 03/04/2022

Integration File: sample.E
 Quant Time: Mar 04 02:09:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.242	3273933	18.874 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	12.682	2604288	19.236 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
Target Compounds			
1) T n-Nonane (C9)	3.106	2843774	19.529 ug/ml
2) T n-Decane (C10)	4.152	2875272	19.913 ug/ml
3) T A~Naphthalene (C11.7)	5.703	3105424	19.440 ug/ml
4) T n-Dodecane (C12)	6.149	2909270	19.643 ug/ml
5) T A~2-methylnaphthalene...	6.748	3127428	19.543 ug/ml
6) T n-Tetradecane (C14)	7.926	2948233	19.693 ug/ml
7) T n-Hexadecane (C16)	9.514	2974223	19.537 ug/ml
8) T n-Octadecane (C18)	10.944	2977619	19.157 ug/ml
10) T n-Eicosane (C20)	12.245	2970402	19.134 ug/ml
11) T n-Heneicosane (C21)	12.853	2925147	18.681 ug/ml
13) T n-Docosane (C22)	13.435	2970884	18.970 ug/ml
14) T n-Tetracosane (C24)	14.531	2996041	19.101 ug/ml
15) T n-Hexacosane (C26)	15.546	2948109	19.188 ug/ml
16) T n-Octacosane (C28)	16.490	2998353	20.147 ug/ml
17) T n-Tricontane (C30)	17.374	3089875	21.960 ug/ml
18) T n-Dotriacontane (C32)	18.202	3009445	23.654 ug/ml
19) T n-Tetratriacontane (C34)	18.980	2650890	23.274 ug/ml
20) T n-Hexatriacontane (C36)	19.718	2420722	23.618 ug/ml
21) T n-Octatriacontane (C38)	20.412	2249619	23.694 ug/mlm
22) T n-Tetracontane (C40)	21.201	2159155	22.782 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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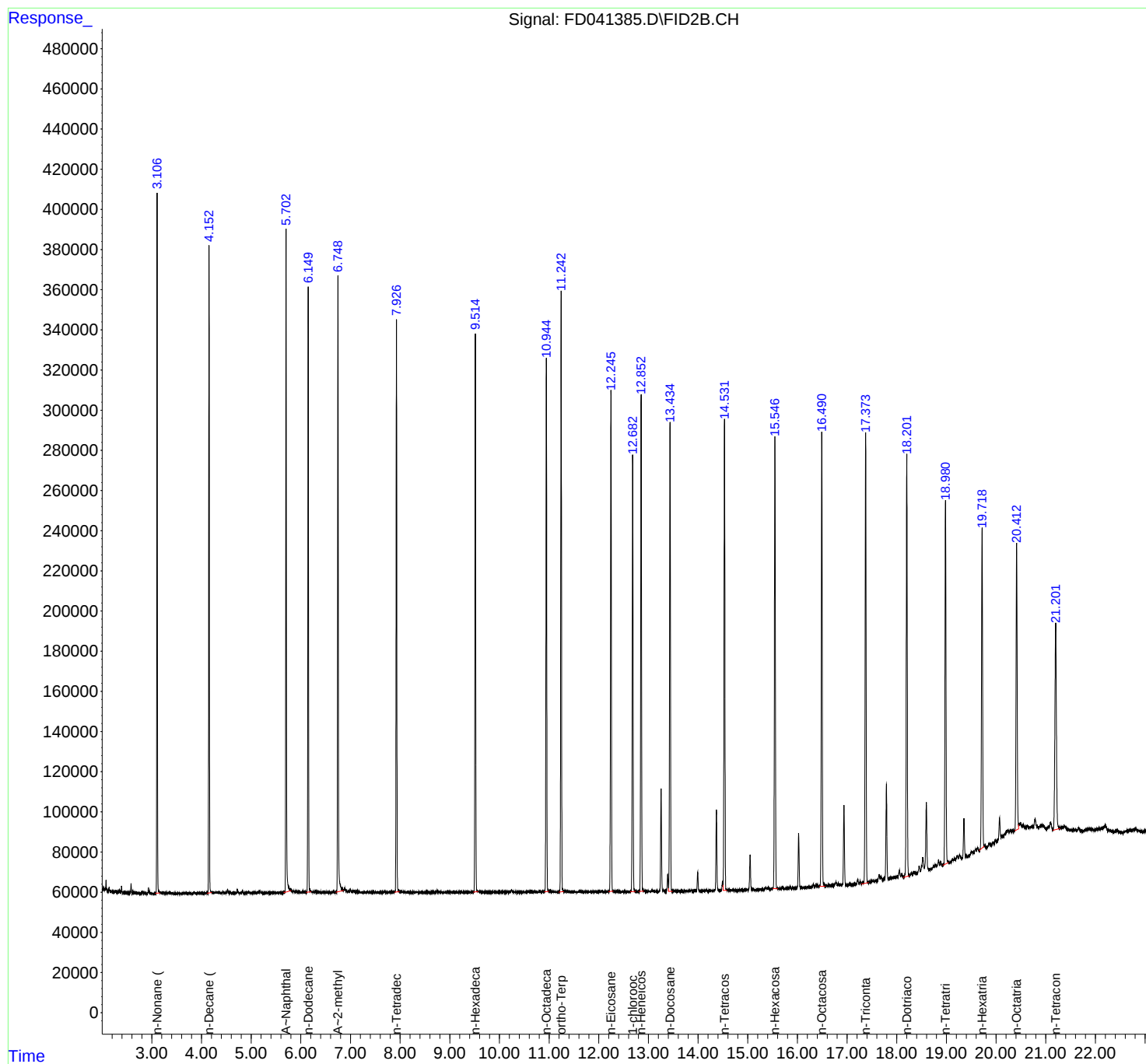
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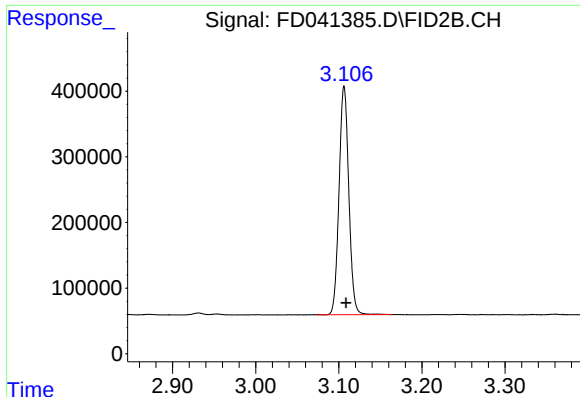
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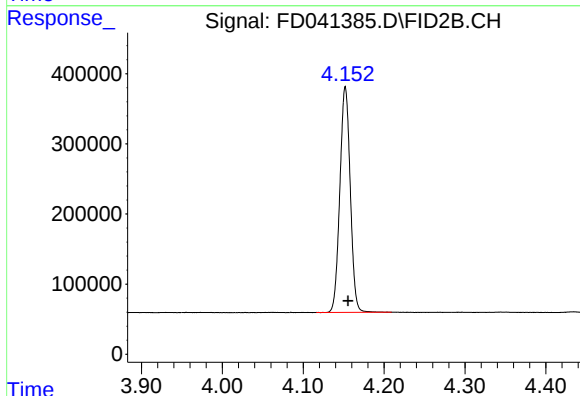
#1 n-Nonane (C9)

R.T.: 3.106 min
Delta R.T.: -0.003 min
Response: 2843774
Conc: 19.53 ug/ml

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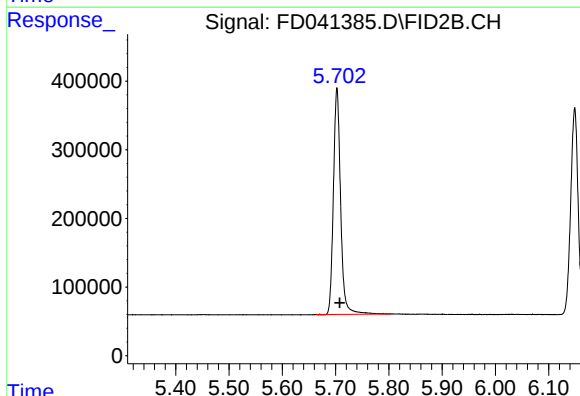
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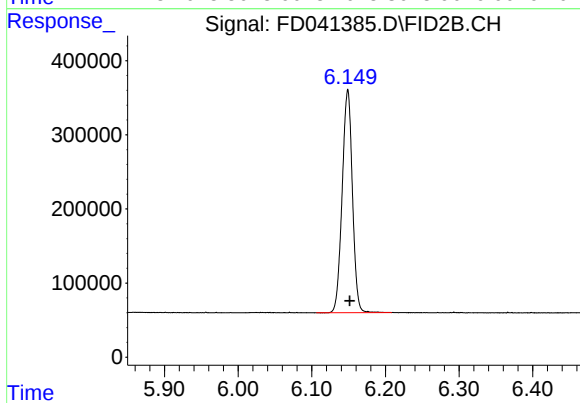
#2 n-Decane (C10)

R.T.: 4.152 min
Delta R.T.: -0.003 min
Response: 2875272
Conc: 19.91 ug/ml



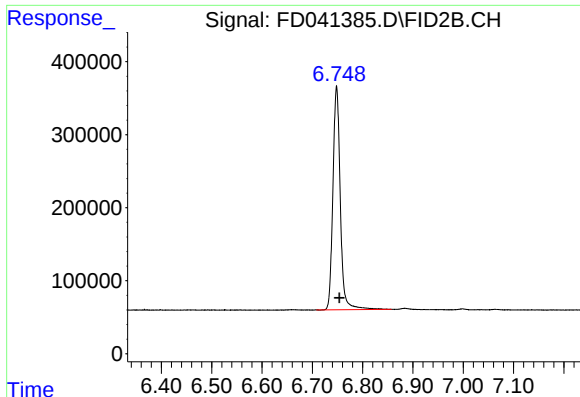
#3 A~Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 3105424
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.149 min
Delta R.T.: -0.003 min
Response: 2909270
Conc: 19.64 ug/ml



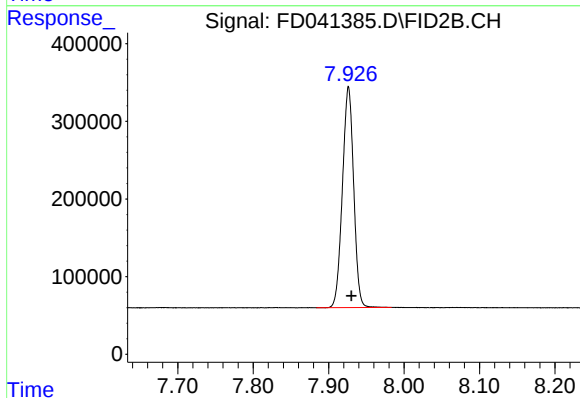
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 3127428
Conc: 19.54 ug/ml

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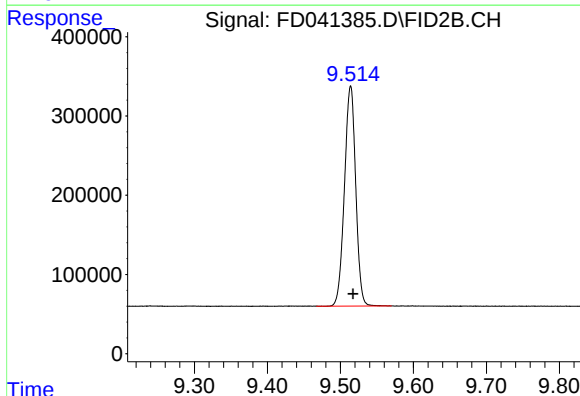
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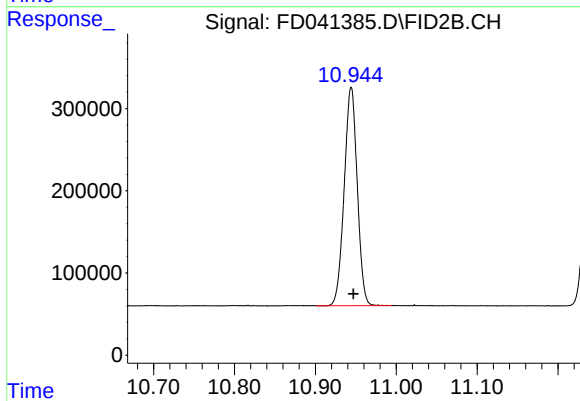
#6 n-Tetradecane (C14)

R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 2948233
Conc: 19.69 ug/ml



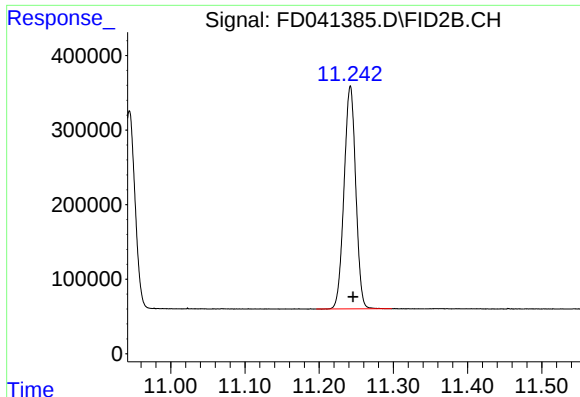
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: -0.003 min
Response: 2974223
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.944 min
Delta R.T.: -0.003 min
Response: 2977619
Conc: 19.16 ug/ml



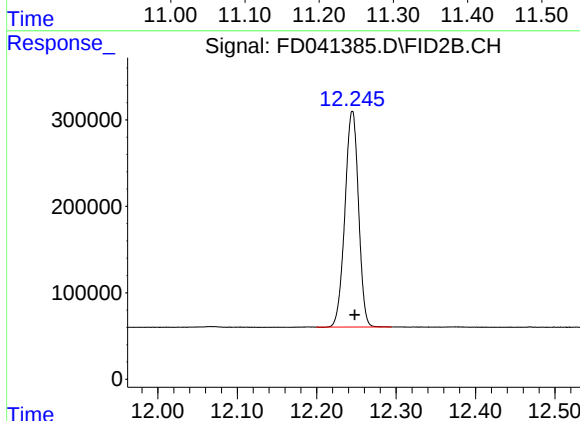
#9 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: -0.004 min
Response: 3273933
Conc: 18.87 ug/ml

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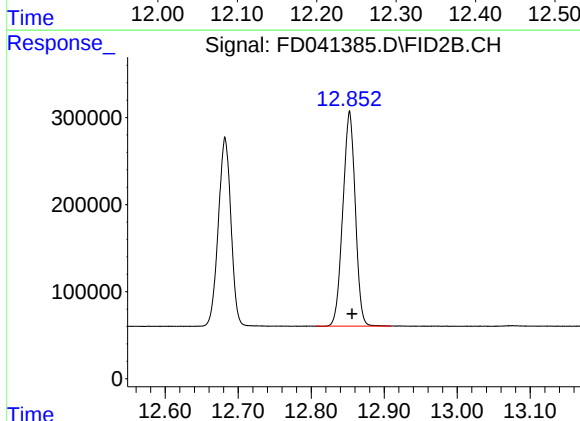
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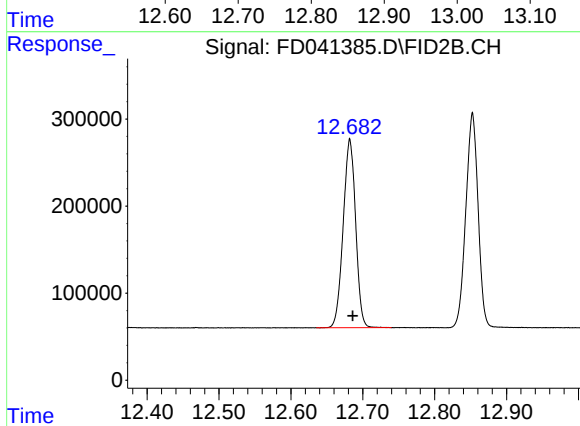
#10 n-Eicosane (C20)

R.T.: 12.245 min
Delta R.T.: -0.003 min
Response: 2970402
Conc: 19.13 ug/ml



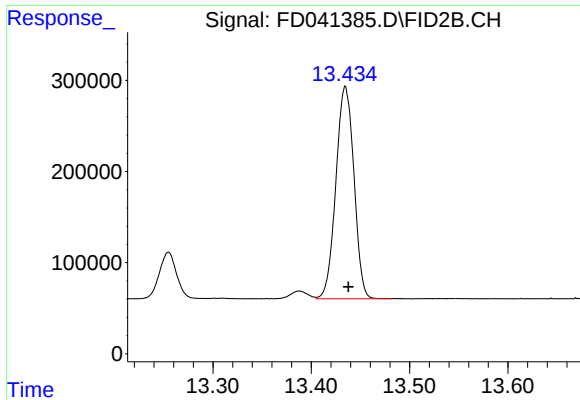
#11 n-Heneicosane (C21)

R.T.: 12.853 min
Delta R.T.: -0.003 min
Response: 2925147
Conc: 18.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.682 min
Delta R.T.: -0.004 min
Response: 2604288
Conc: 19.24 ug/ml



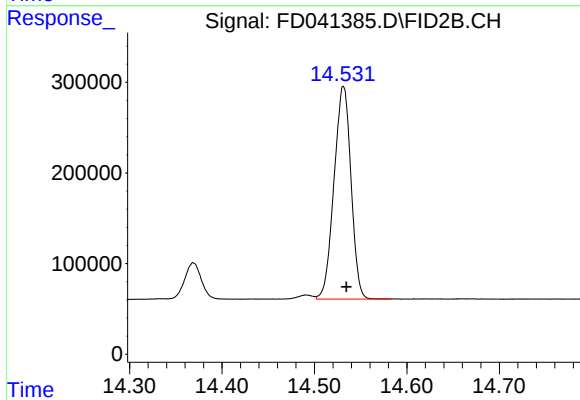
#13 n-Docosane (C22)

R.T.: 13.435 min
Delta R.T.: -0.003 min
Response: 2970884
Conc: 18.97 ug/ml

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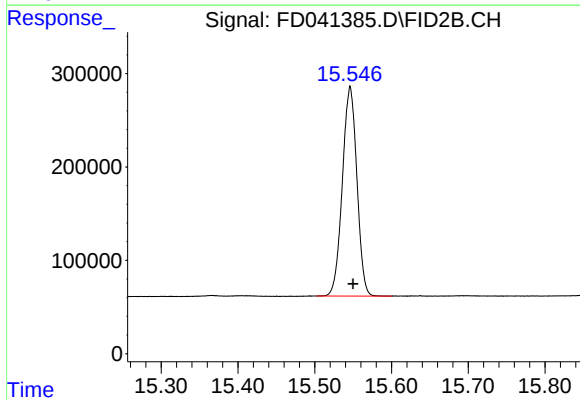
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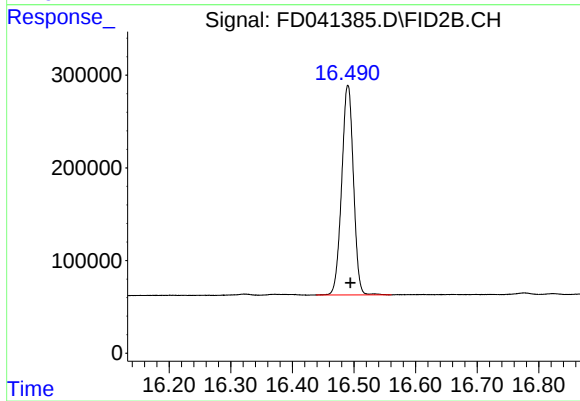
#14 n-Tetracosane (C24)

R.T.: 14.531 min
Delta R.T.: -0.003 min
Response: 2996041
Conc: 19.10 ug/ml



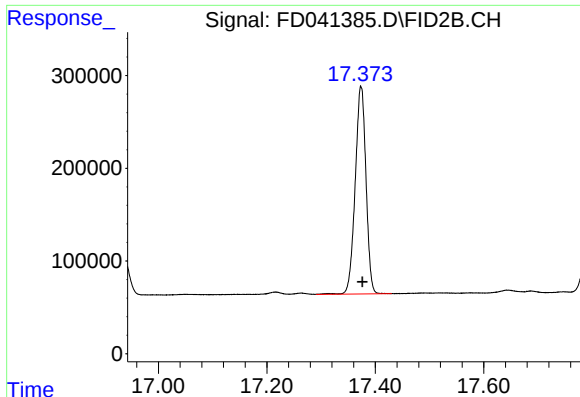
#15 n-Hexacosane (C26)

R.T.: 15.546 min
Delta R.T.: -0.004 min
Response: 2948109
Conc: 19.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.490 min
Delta R.T.: -0.004 min
Response: 2998353
Conc: 20.15 ug/ml



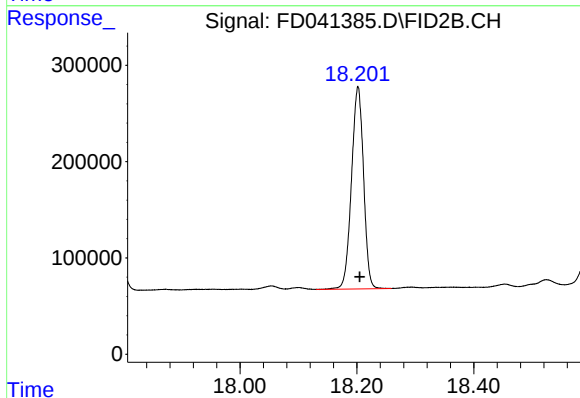
#17 n-Tricontane (C30)

R.T.: 17.374 min
Delta R.T.: -0.003 min
Response: 3089875
Conc: 21.96 ug/ml

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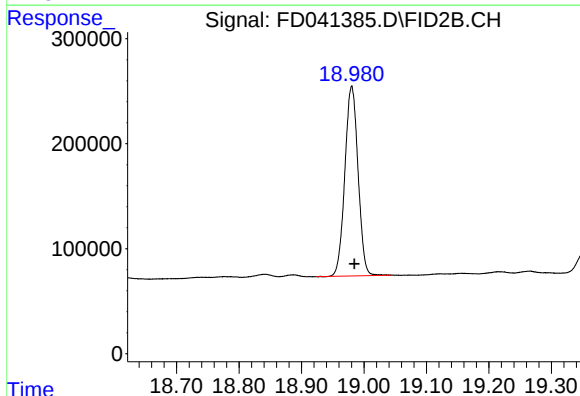
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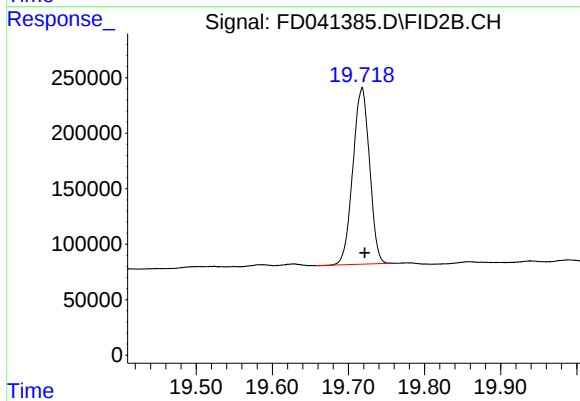
#18 n-Dotriacontane (C32)

R.T.: 18.202 min
Delta R.T.: -0.003 min
Response: 3009445
Conc: 23.65 ug/ml



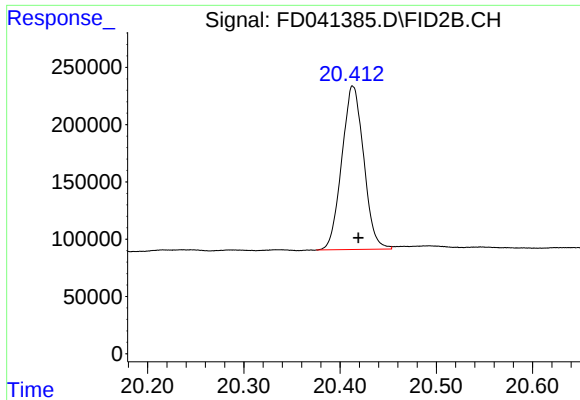
#19 n-Tetratriacontane (C34)

R.T.: 18.980 min
Delta R.T.: -0.004 min
Response: 2650890
Conc: 23.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.718 min
Delta R.T.: -0.003 min
Response: 2420722
Conc: 23.62 ug/ml



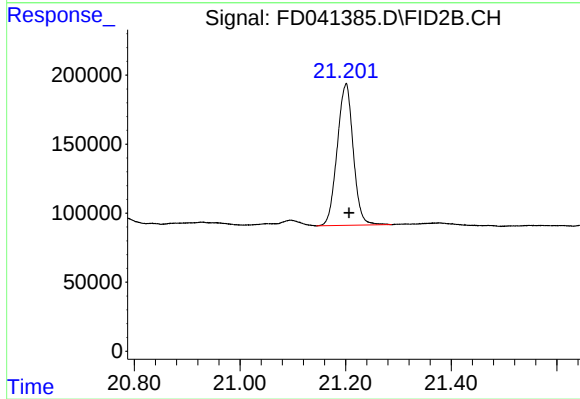
#21 n-Octatriacontane (C38)

R.T.: 20.412 min
Delta R.T.: -0.007 min
Response: 2249619
Conc: 23.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.201 min
Delta R.T.: -0.005 min
Response: 2159155
Conc: 22.78 ug/ml