

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041222AL\
 Data File : FD041957.D
 Signal(s) : FID2B.CH
 Acq On : 12 Apr 2022 20:45
 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 04/13/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File: sample.E
 Quant Time: Apr 13 02:34:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.218	3621144	20.420 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	12.657	2795655	20.189 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.086	3329376	22.633 ug/ml
2) T n-Decane (C10)	4.131	3322336	22.752 ug/ml
3) T A~Naphthalene (C11.7)	5.681	3564004	22.816 ug/ml
4) T n-Dodecane (C12)	6.126	3460043	22.970 ug/ml
5) T A~2-methylnaphthalene...	6.727	3602319	23.158 ug/ml
6) T n-Tetradecane (C14)	7.903	3479466	22.843 ug/ml
7) T n-Hexadecane (C16)	9.489	3476108	22.544 ug/ml
8) T n-Octadecane (C18)	10.920	3438627	21.825 ug/ml
10) T n-Eicosane (C20)	12.220	3310017	20.924 ug/ml
11) T n-Heneicosane (C21)	12.827	3251442	20.304 ug/ml
13) T n-Docosane (C22)	13.409	3208790	19.979 ug/ml
14) T n-Tetracosane (C24)	14.504	3130747	19.368 ug/ml
15) T n-Hexacosane (C26)	15.519	3014339	18.663 ug/ml
16) T n-Octacosane (C28)	16.464	2973312	18.471 ug/ml
17) T n-Tricontane (C30)	17.346	2934821	18.623 ug/ml
18) T n-Dotriacontane (C32)	18.175	2796337	18.844 ug/ml
19) T n-Tetratriacontane (C34)	18.953	2625452	19.595 ug/ml
20) T n-Hexatriacontane (C36)	19.688	2549887	21.295 ug/ml
21) T n-Octatriacontane (C38)	20.384	2428852	21.945 ug/mlm
22) T n-Tetracontane (C40)	21.159	2238225	20.789 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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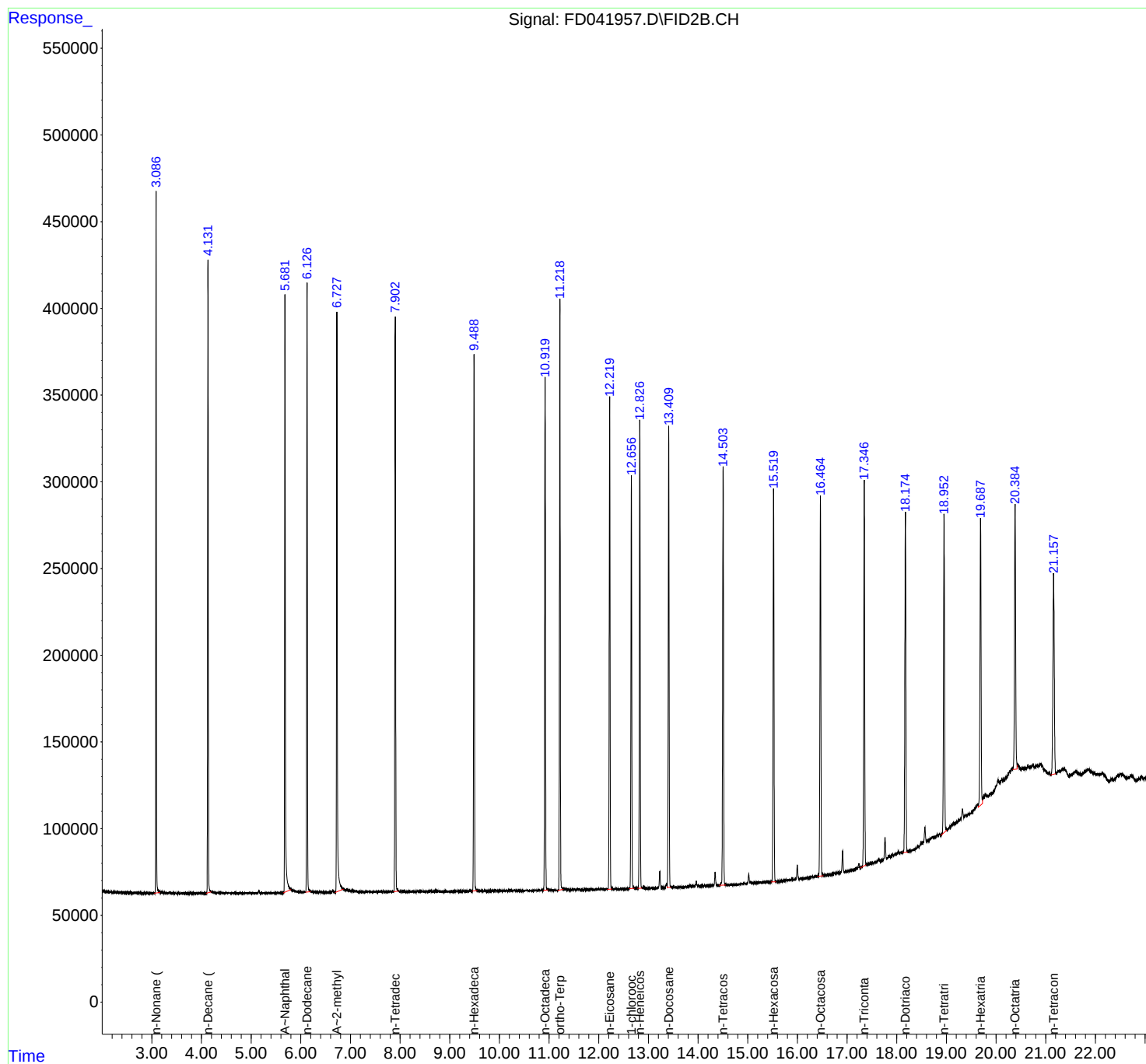
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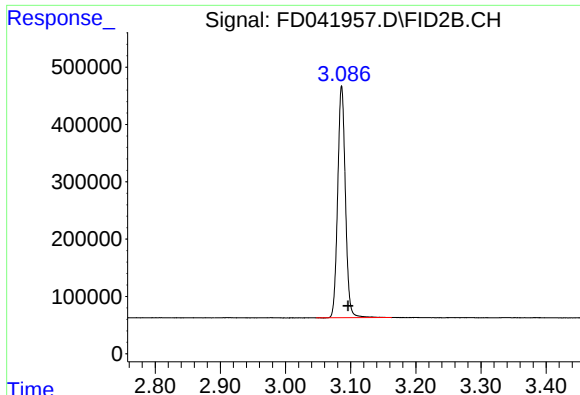
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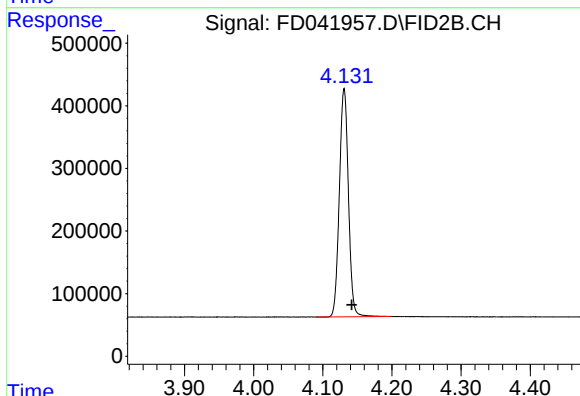
#1 n-Nonane (C9)

R.T.: 3.086 min
Delta R.T.: -0.010 min
Response: 3329376
Conc: 22.63 ug/ml

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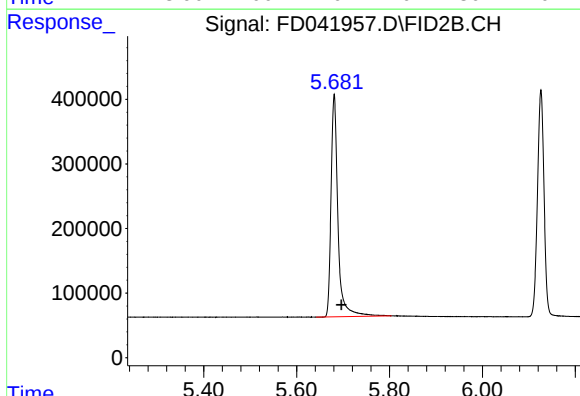
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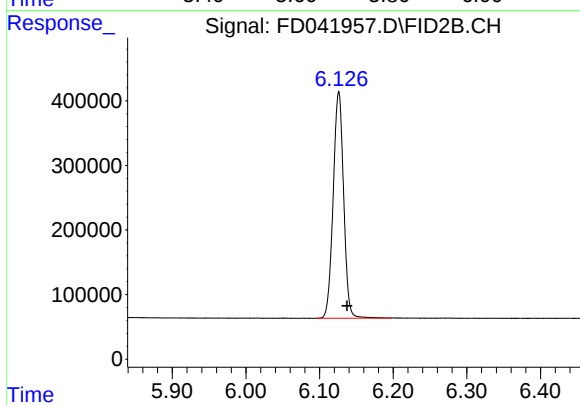
#2 n-Decane (C10)

R.T.: 4.131 min
Delta R.T.: -0.011 min
Response: 3322336
Conc: 22.75 ug/ml



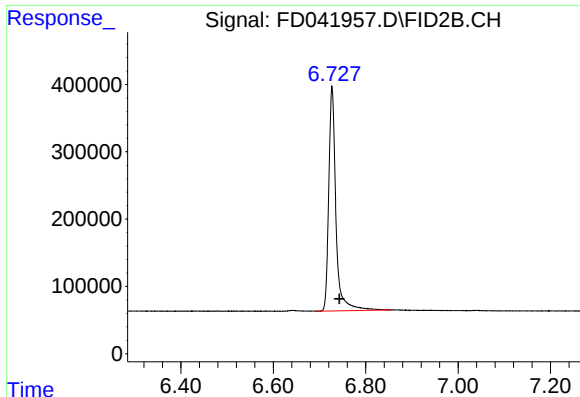
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.016 min
Response: 3564004
Conc: 22.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.126 min
Delta R.T.: -0.011 min
Response: 3460043
Conc: 22.97 ug/ml



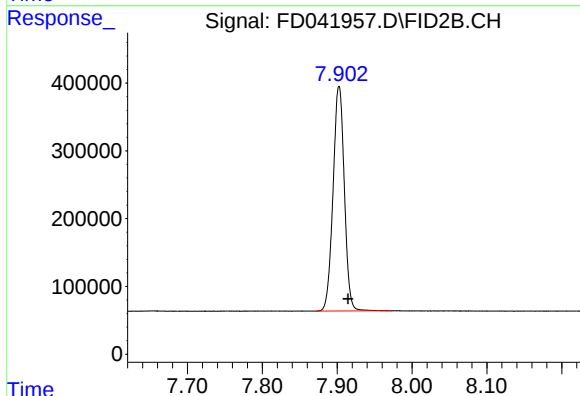
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.727 min
Delta R.T.: -0.016 min
Response: 3602319
Conc: 23.16 ug/ml

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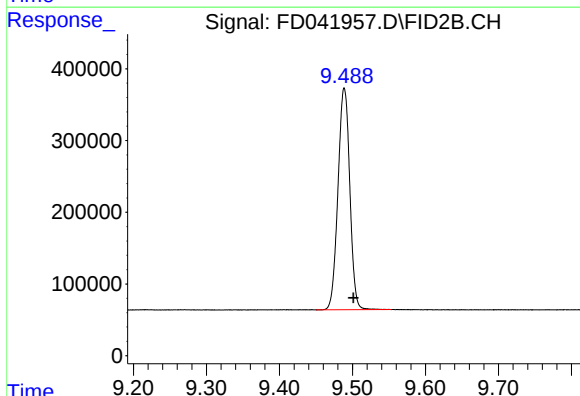
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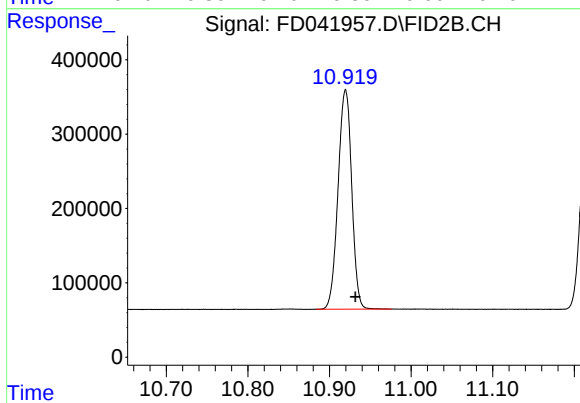
#6 n-Tetradecane (C14)

R.T.: 7.903 min
Delta R.T.: -0.012 min
Response: 3479466
Conc: 22.84 ug/ml



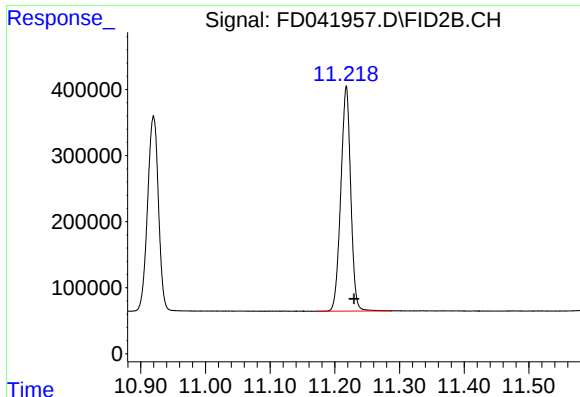
#7 n-Hexadecane (C16)

R.T.: 9.489 min
Delta R.T.: -0.013 min
Response: 3476108
Conc: 22.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.920 min
Delta R.T.: -0.012 min
Response: 3438627
Conc: 21.83 ug/ml



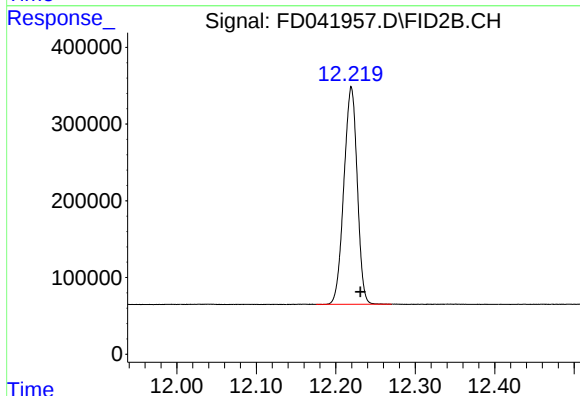
#9 ortho-Terphenyl (SURR)

R.T.: 11.218 min
Delta R.T.: -0.012 min
Response: 3621144
Conc: 20.42 ug/ml

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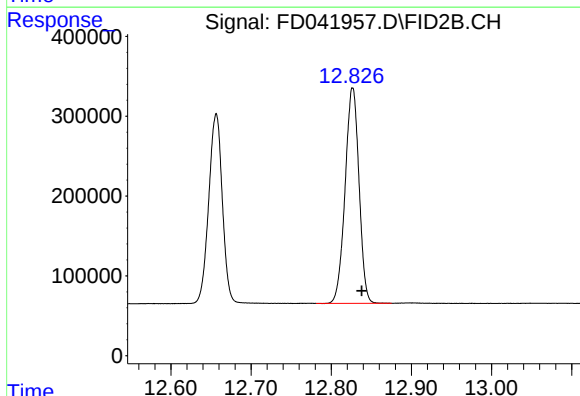
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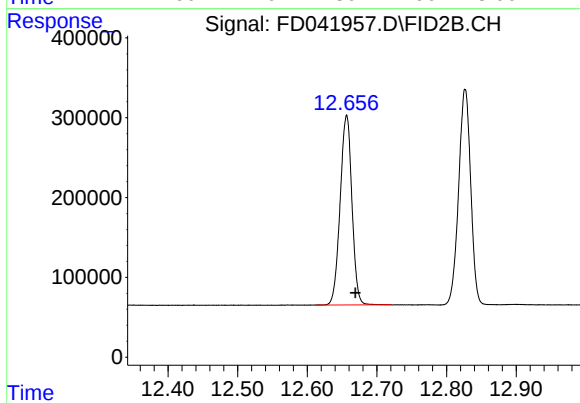
#10 n-Eicosane (C20)

R.T.: 12.220 min
Delta R.T.: -0.011 min
Response: 3310017
Conc: 20.92 ug/ml



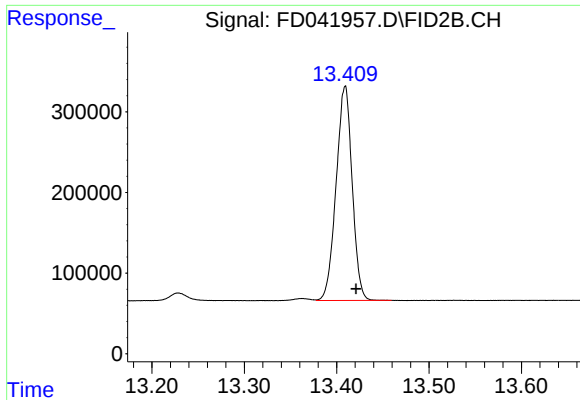
#11 n-Heneicosane (C21)

R.T.: 12.827 min
Delta R.T.: -0.011 min
Response: 3251442
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.657 min
Delta R.T.: -0.012 min
Response: 2795655
Conc: 20.19 ug/ml



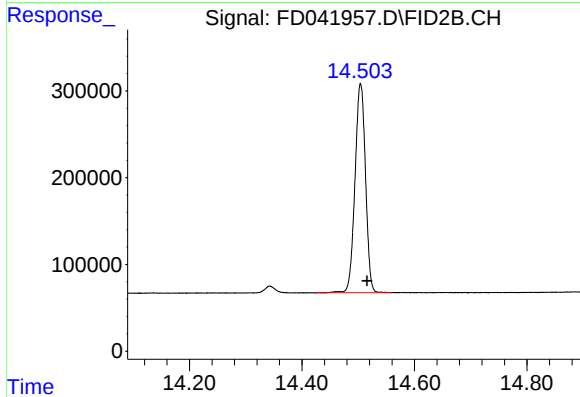
#13 n-Docosane (C22)

R.T.: 13.409 min
Delta R.T.: -0.012 min
Response: 3208790
Conc: 19.98 ug/ml

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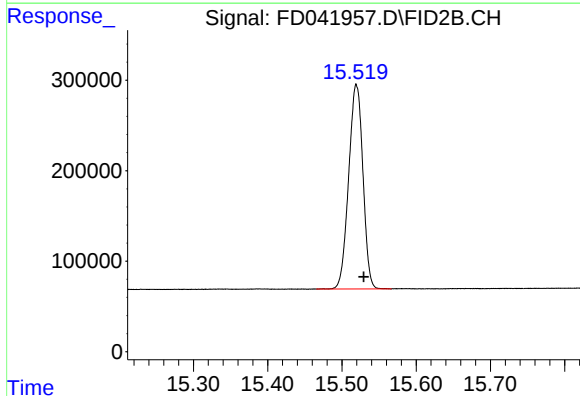
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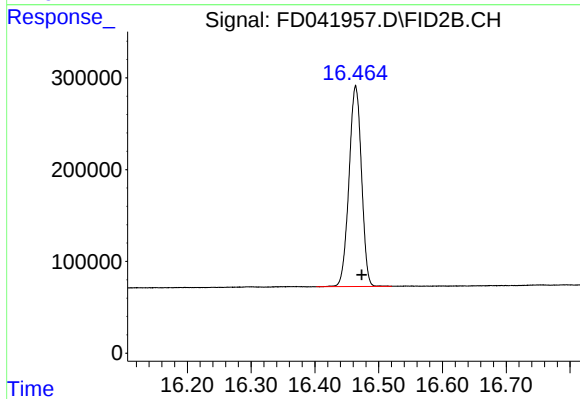
#14 n-Tetracosane (C24)

R.T.: 14.504 min
Delta R.T.: -0.011 min
Response: 3130747
Conc: 19.37 ug/ml



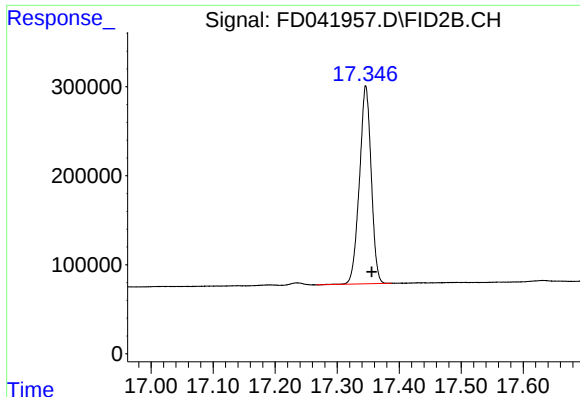
#15 n-Hexacosane (C26)

R.T.: 15.519 min
Delta R.T.: -0.010 min
Response: 3014339
Conc: 18.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.464 min
Delta R.T.: -0.010 min
Response: 2973312
Conc: 18.47 ug/ml



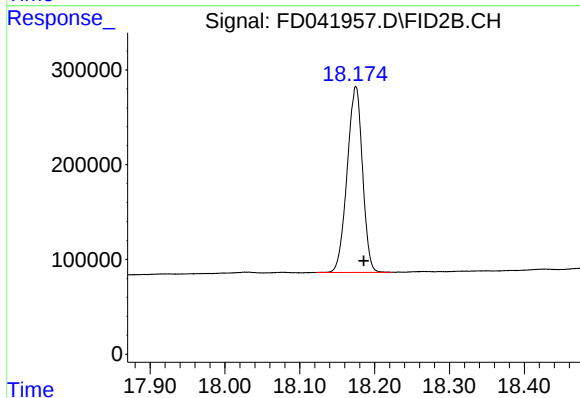
#17 n-Tricontane (C30)

R.T.: 17.346 min
Delta R.T.: -0.010 min
Response: 2934821
Conc: 18.62 ug/ml

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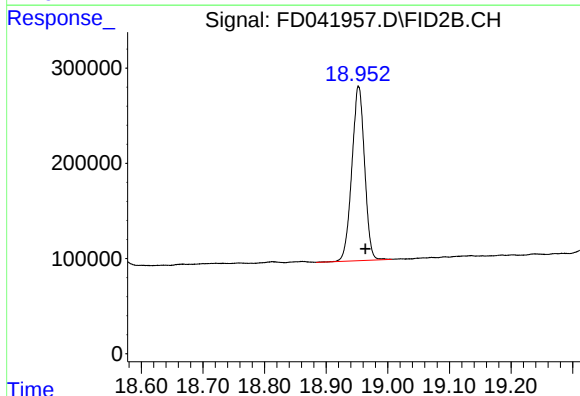
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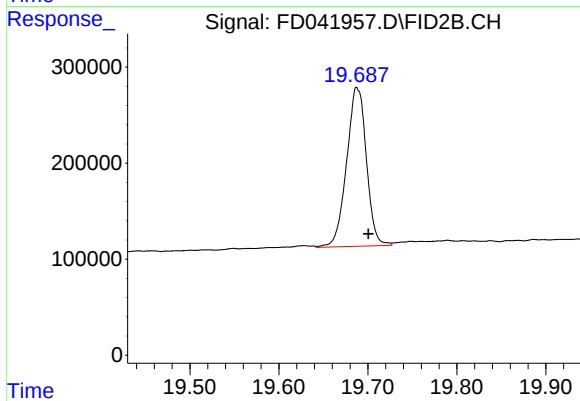
#18 n-Dotriacontane (C32)

R.T.: 18.175 min
Delta R.T.: -0.010 min
Response: 2796337
Conc: 18.84 ug/ml



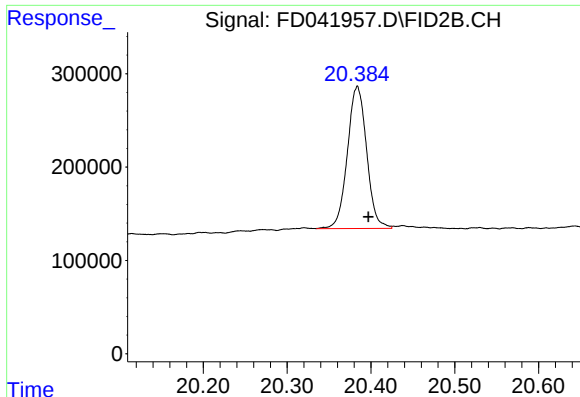
#19 n-Tetratriacontane (C34)

R.T.: 18.953 min
Delta R.T.: -0.011 min
Response: 2625452
Conc: 19.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.688 min
Delta R.T.: -0.013 min
Response: 2549887
Conc: 21.29 ug/ml



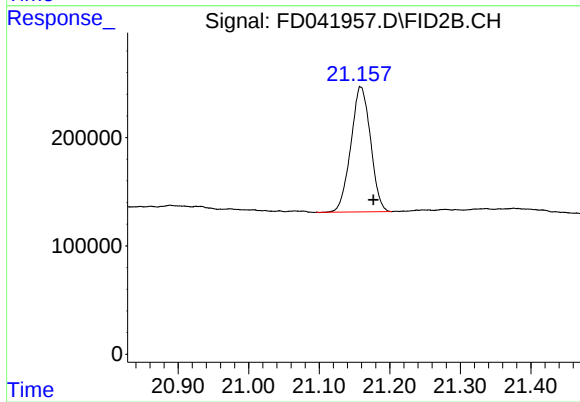
#21 n-Octatriacontane (C38)

R.T.: 20.384 min
Delta R.T.: -0.013 min
Response: 2428852
Conc: 21.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.159 min
Delta R.T.: -0.018 min
Response: 2238225
Conc: 20.79 ug/ml