

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058965.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2022 5:39
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 07:17:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.092	2972040	20.627 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	12.541	2302539	20.541 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
Target Compounds			
1) T n-Nonane (C9)	2.953	2522314	20.583 ug/ml
2) T n-Decane (C10)	3.995	2533466	20.674 ug/ml
3) T A~Naphthalene (C11.7)	5.542	2617666	20.849 ug/ml
4) T n-Dodecane (C12)	5.994	2655827	20.793 ug/ml
5) T A~2-methylnaphthalene...	6.591	2651060	20.679 ug/ml
6) T n-Tetradecane (C14)	7.777	2700363	20.769 ug/ml
7) T n-Hexadecane (C16)	9.368	2723189	20.507 ug/ml
8) T n-Octadecane (C18)	10.802	2746678	20.659 ug/ml
10) T n-Eicosane (C20)	12.104	2701185	20.616 ug/ml
11) T n-Heneicosane (C21)	12.712	2711543	20.782 ug/ml
13) T n-Docosane (C22)	13.296	2684936	20.726 ug/ml
14) T n-Tetracosane (C24)	14.392	2629047	20.812 ug/ml
15) T n-Hexacosane (C26)	15.408	2521541	20.875 ug/ml
16) T n-Octacosane (C28)	16.354	2473963	20.893 ug/ml
17) T n-Tricontane (C30)	17.237	2401886	21.055 ug/ml
18) T n-Dotriacontane (C32)	18.065	2288254	21.360 ug/ml
19) T n-Tetratriacontane (C34)	18.847	2157045	21.349 ug/mlm
20) T n-Hexatriacontane (C36)	19.583	2029310	21.239 ug/ml
21) T n-Octatriacontane (C38)	20.282	2042771	22.199 ug/mlm
22) T n-Tetracontane (C40)	21.020	1991939	21.433 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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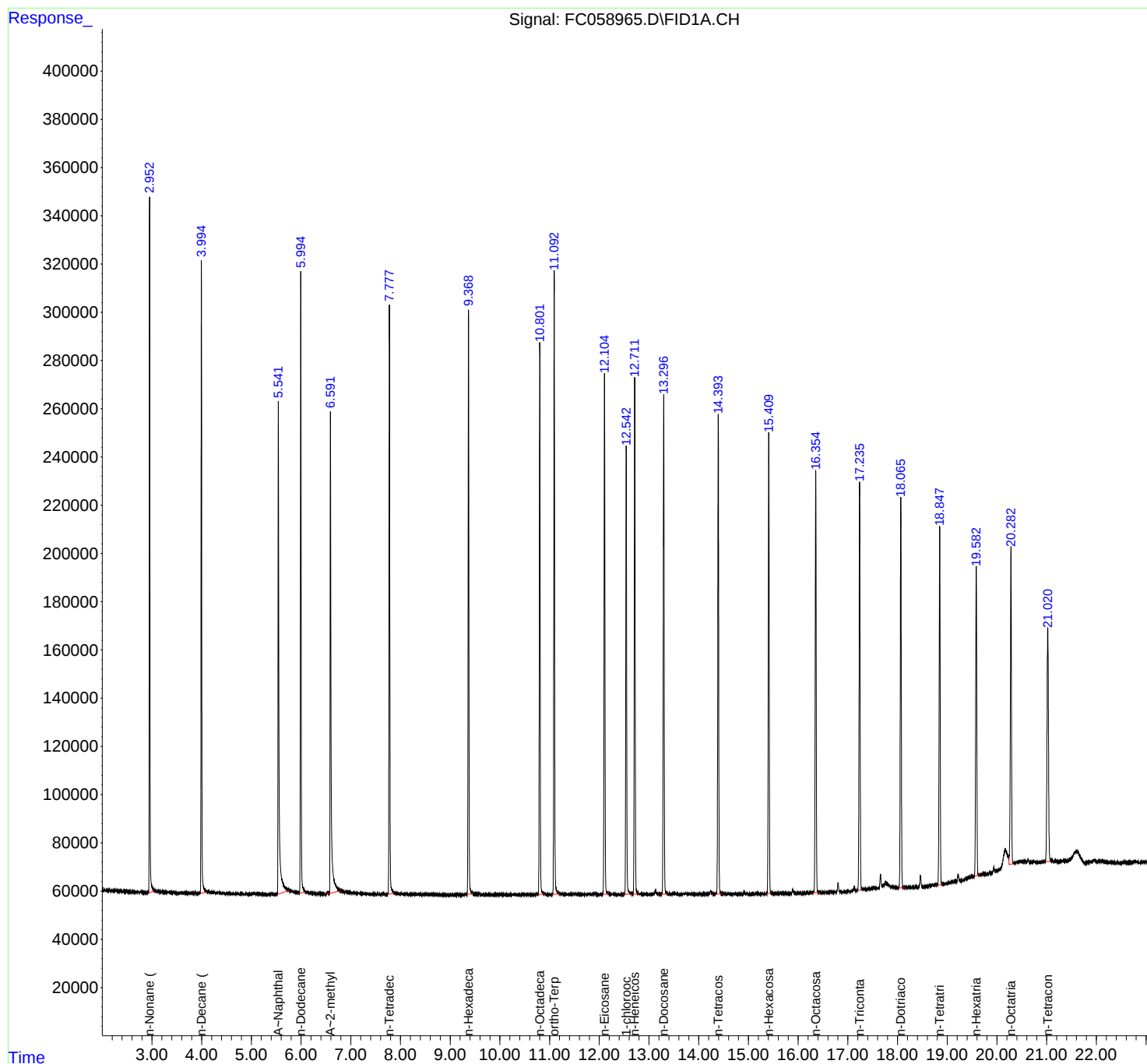
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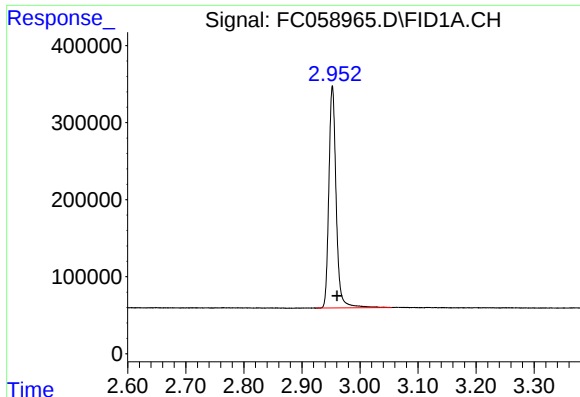
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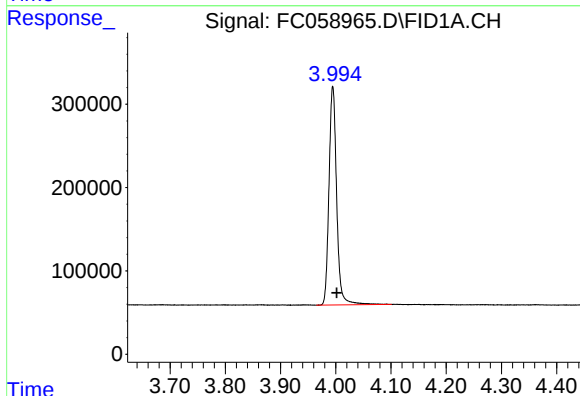
#1 n-Nonane (C9)

R.T.: 2.953 min
Delta R.T.: -0.008 min
Response: 2522314
Conc: 20.58 ug/ml

Instrument :
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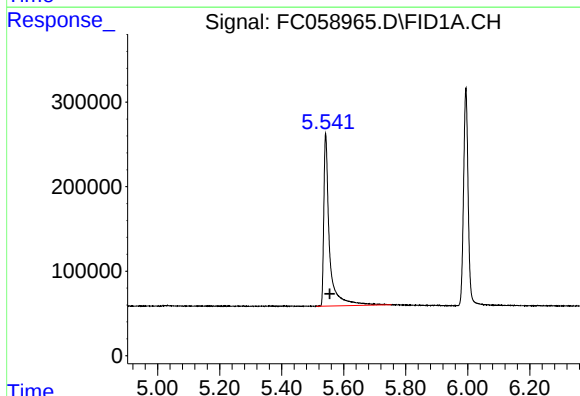
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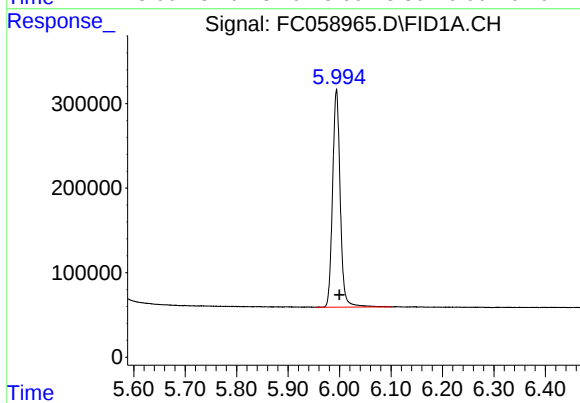
#2 n-Decane (C10)

R.T.: 3.995 min
Delta R.T.: -0.007 min
Response: 2533466
Conc: 20.67 ug/ml



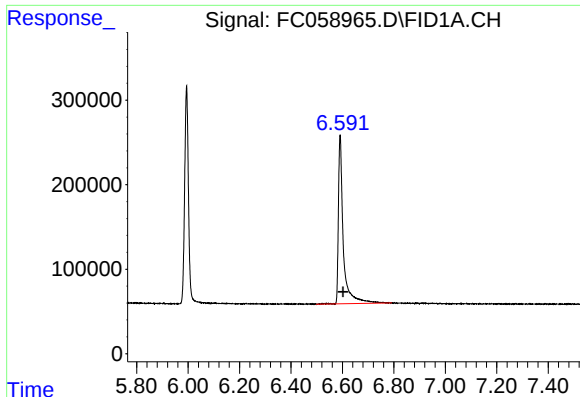
#3 A~Naphthalene (C11.7)

R.T.: 5.542 min
Delta R.T.: -0.013 min
Response: 2617666
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 2655827
Conc: 20.79 ug/ml



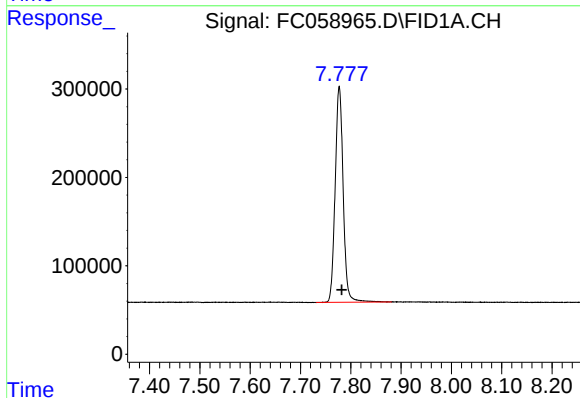
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.591 min
Delta R.T.: -0.011 min
Response: 2651060
Conc: 20.68 ug/ml

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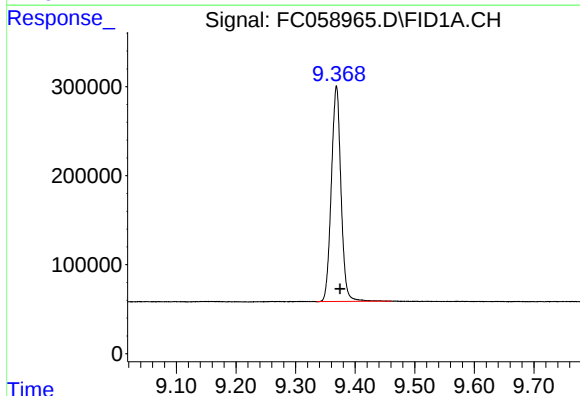
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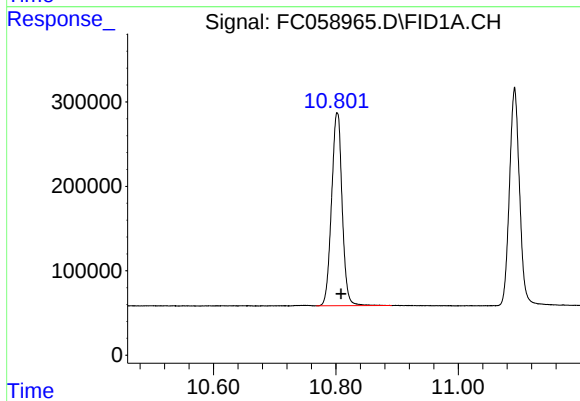
#6 n-Tetradecane (C14)

R.T.: 7.777 min
Delta R.T.: -0.005 min
Response: 2700363
Conc: 20.77 ug/ml



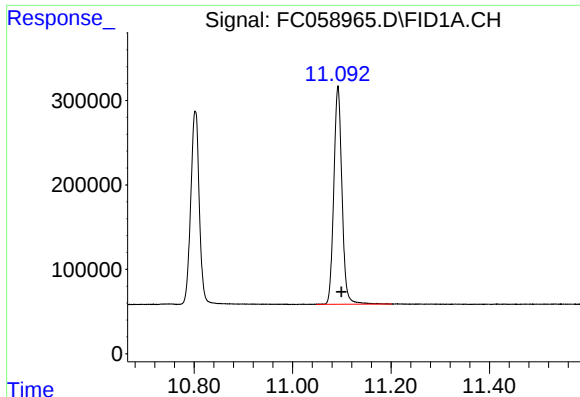
#7 n-Hexadecane (C16)

R.T.: 9.368 min
Delta R.T.: -0.006 min
Response: 2723189
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.802 min
Delta R.T.: -0.006 min
Response: 2746678
Conc: 20.66 ug/ml



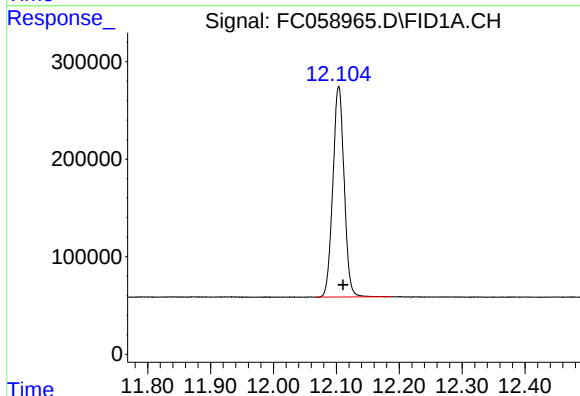
#9 ortho-Terphenyl (SURR)

R.T.: 11.092 min
Delta R.T.: -0.007 min
Response: 2972040
Conc: 20.63 ug/ml

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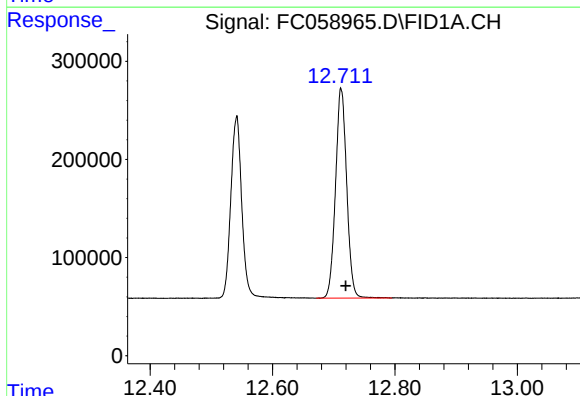
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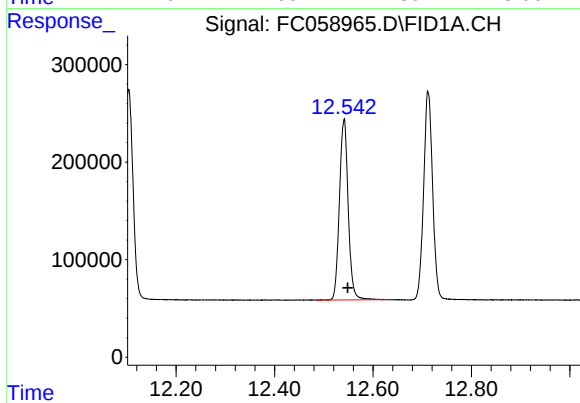
#10 n-Eicosane (C20)

R.T.: 12.104 min
Delta R.T.: -0.007 min
Response: 2701185
Conc: 20.62 ug/ml



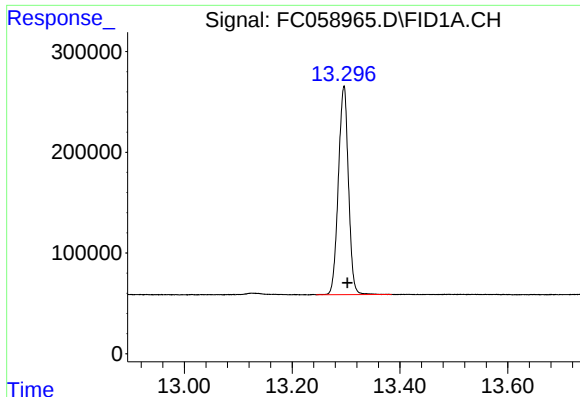
#11 n-Heneicosane (C21)

R.T.: 12.712 min
Delta R.T.: -0.007 min
Response: 2711543
Conc: 20.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.541 min
Delta R.T.: -0.008 min
Response: 2302539
Conc: 20.54 ug/ml



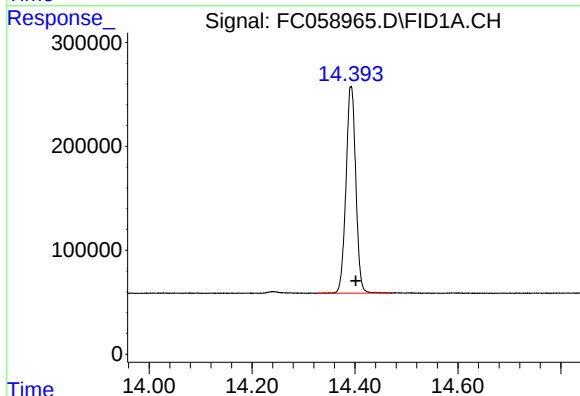
#13 n-Docosane (C22)

R.T.: 13.296 min
Delta R.T.: -0.007 min
Response: 2684936
Conc: 20.73 ug/ml

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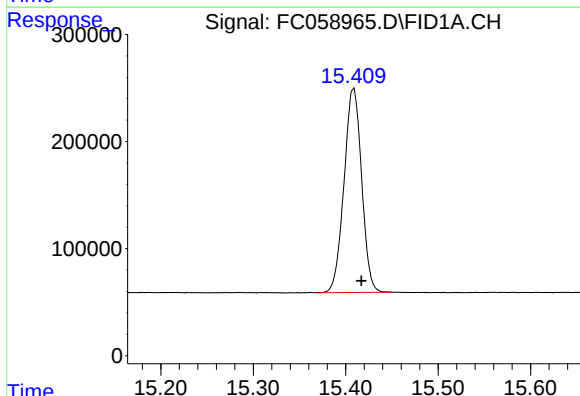
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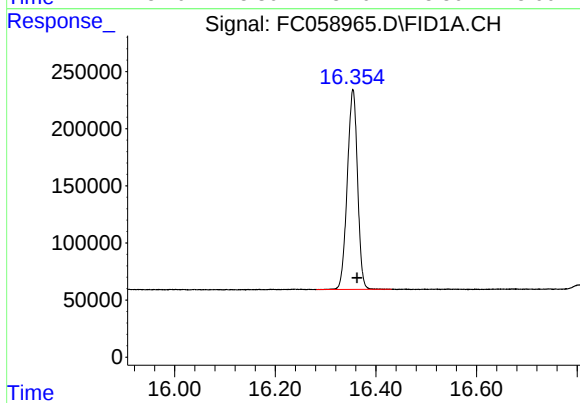
#14 n-Tetracosane (C24)

R.T.: 14.392 min
Delta R.T.: -0.009 min
Response: 2629047
Conc: 20.81 ug/ml



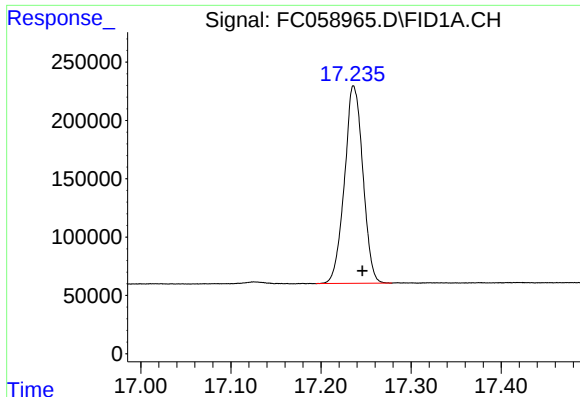
#15 n-Hexacosane (C26)

R.T.: 15.408 min
Delta R.T.: -0.009 min
Response: 2521541
Conc: 20.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.354 min
Delta R.T.: -0.008 min
Response: 2473963
Conc: 20.89 ug/ml



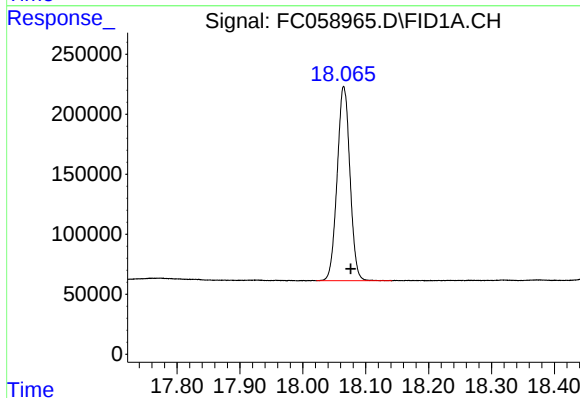
#17 n-Tricontane (C30)

R.T.: 17.237 min
Delta R.T.: -0.009 min
Response: 2401886
Conc: 21.06 ug/ml

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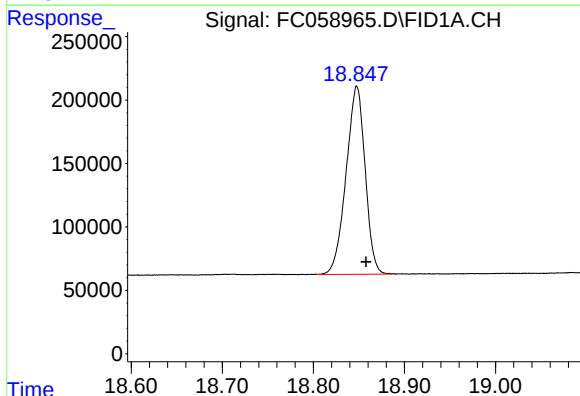
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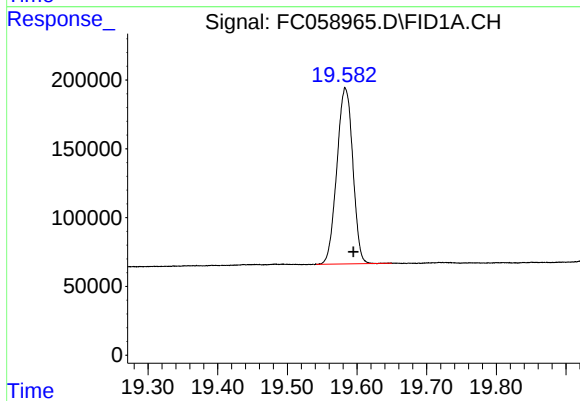
#18 n-Dotriacontane (C32)

R.T.: 18.065 min
Delta R.T.: -0.011 min
Response: 2288254
Conc: 21.36 ug/ml



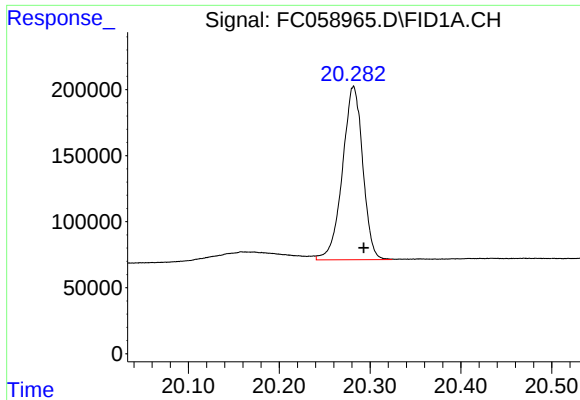
#19 n-Tetratriacontane (C34)

R.T.: 18.847 min
Delta R.T.: -0.011 min
Response: 2157045
Conc: 21.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.583 min
Delta R.T.: -0.011 min
Response: 2029310
Conc: 21.24 ug/ml



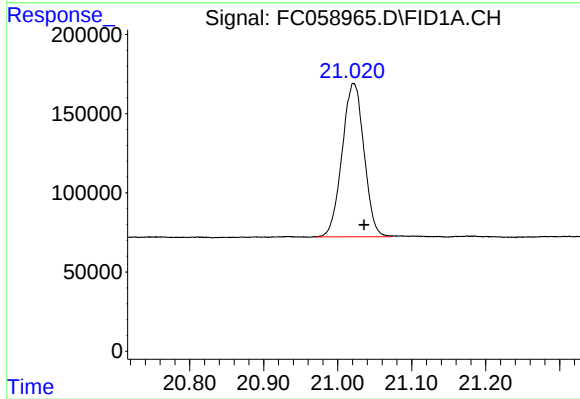
#21 n-Octatriacontane (C38)

R.T.: 20.282 min
Delta R.T.: -0.011 min
Response: 2042771
Conc: 22.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.020 min
Delta R.T.: -0.016 min
Response: 1991939
Conc: 21.43 ug/ml m