

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060622AL\
 Data File : FC060118.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2022 6:43
 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 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: autoint1.e
 Quant Time: Jun 07 07:10:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.648	3131601	20.123 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	12.016	2514153	20.277 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
Target Compounds			
1) T n-Nonane (C9)	2.624	2584913	20.197 ug/ml
2) T n-Decane (C10)	3.624	2634410	20.592 ug/ml
3) T A~Naphthalene (C11.7)	5.163	2991557	20.697 ug/ml
4) T n-Dodecane (C12)	5.577	2758833	20.696 ug/ml
5) T A~2-methylnaphthalene...	6.187	3060126	20.850 ug/ml
6) T n-Tetradecane (C14)	7.329	2819051	20.650 ug/ml
7) T n-Hexadecane (C16)	8.893	2896356	20.643 ug/ml
8) T n-Octadecane (C18)	10.302	2951924	20.627 ug/ml
10) T n-Eicosane (C20)	11.581	2922077	20.481 ug/ml
11) T n-Heneicosane (C21)	12.179	2905537	20.271 ug/ml
13) T n-Docosane (C22)	12.751	2957962	20.758 ug/mlm
14) T n-Tetracosane (C24)	13.831	2906253	20.710 ug/ml
15) T n-Hexacosane (C26)	14.828	2837623	20.955 ug/ml
16) T n-Octacosane (C28)	15.756	2818974	21.645 ug/ml
17) T n-Tricontane (C30)	16.623	2798650	22.860 ug/ml
18) T n-Dotriacontane (C32)	17.435	2584457	23.180 ug/mlm
19) T n-Tetratriacontane (C34)	18.200	2284692	22.400 ug/mlm
20) T n-Hexatriacontane (C36)	18.922	2115070	22.335 ug/mlm
21) T n-Octatriacontane (C38)	19.606	2031980	22.024 ug/mlm
22) T n-Tetracontane (C40)	20.253	2115421	22.484 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

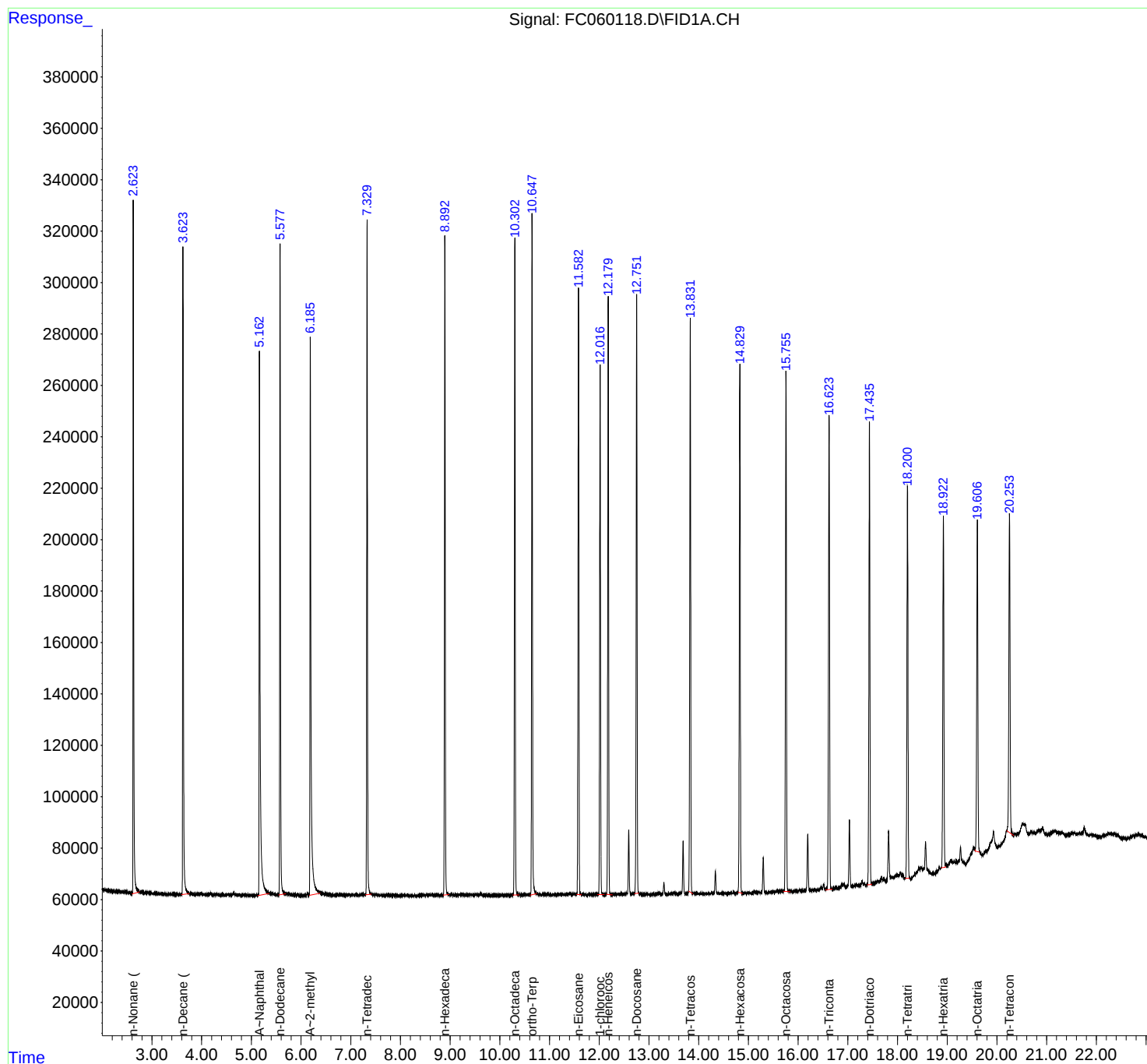
Instrument :
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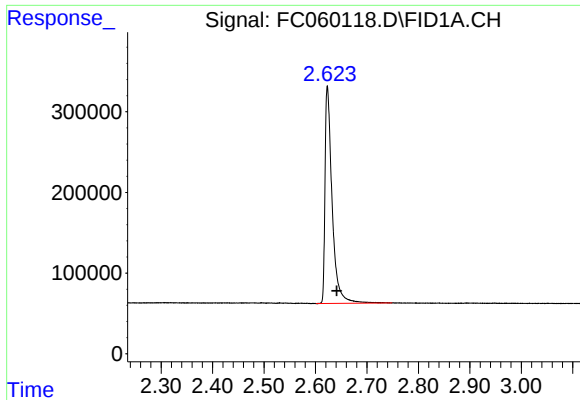
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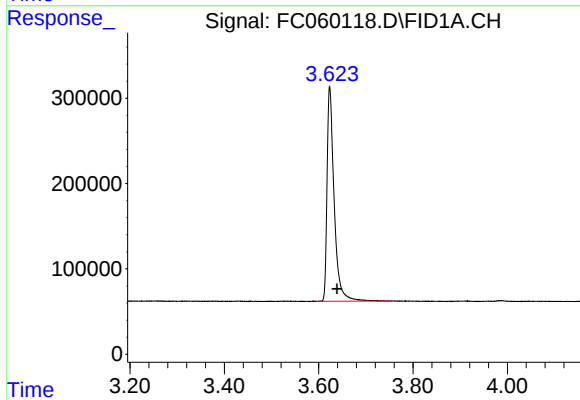
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: -0.017 min
Response: 2584913
Conc: 20.20 ug/ml

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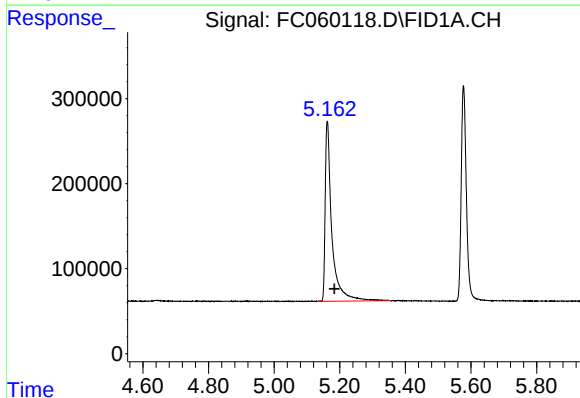
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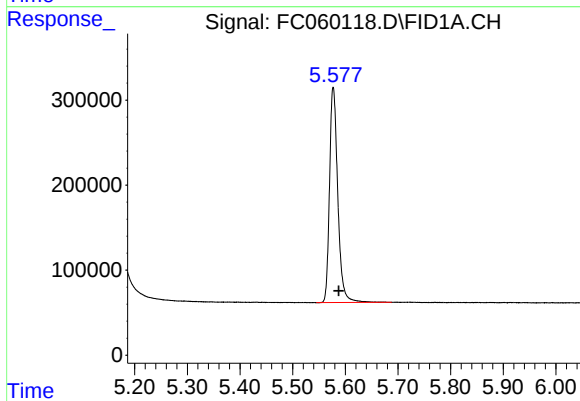
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.015 min
Response: 2634410
Conc: 20.59 ug/ml



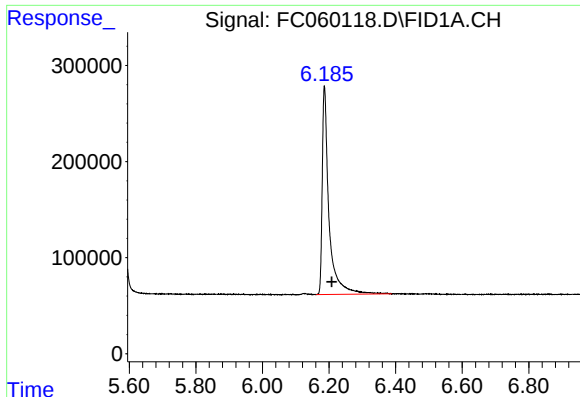
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 2991557
Conc: 20.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 2758833
Conc: 20.70 ug/ml



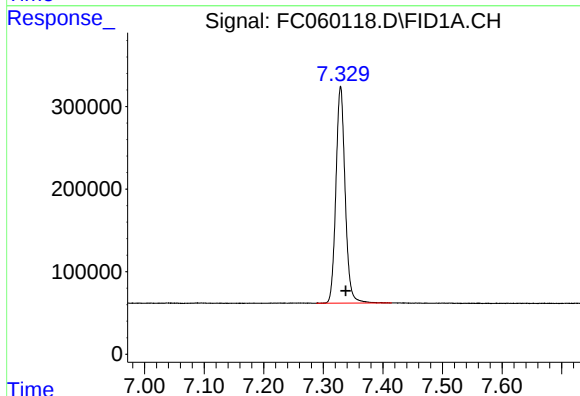
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.187 min
Delta R.T.: -0.022 min
Response: 3060126
Conc: 20.85 ug/ml

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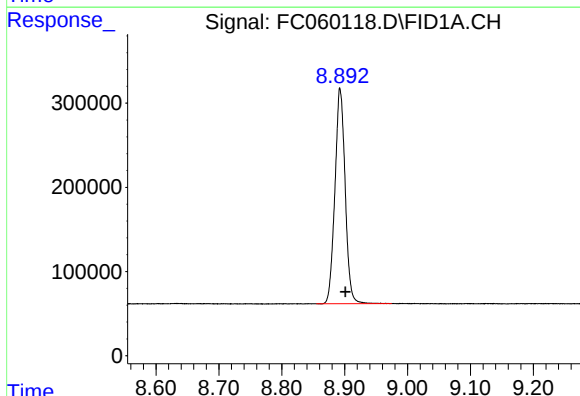
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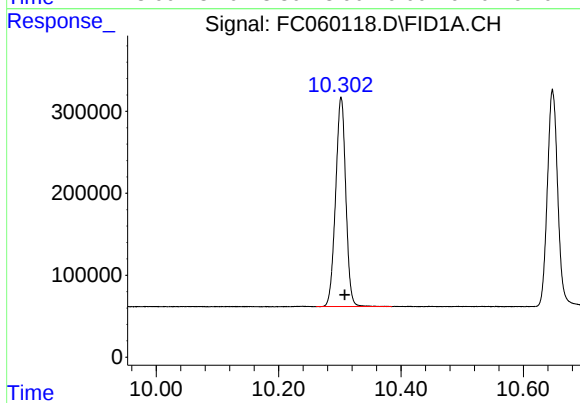
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2819051
Conc: 20.65 ug/ml



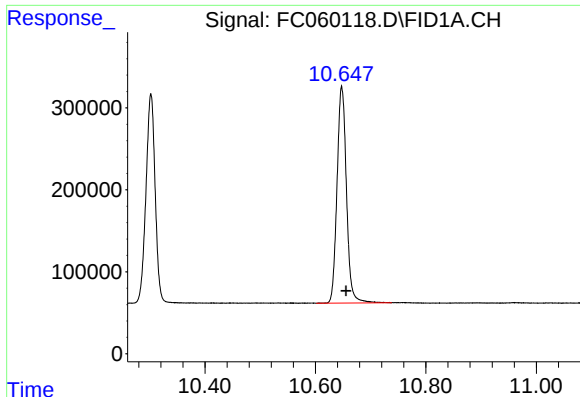
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.008 min
Response: 2896356
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 2951924
Conc: 20.63 ug/ml



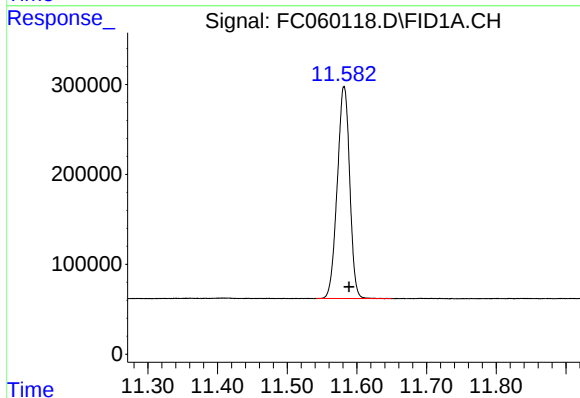
#9 ortho-Terphenyl (SURR)

R.T.: 10.648 min
Delta R.T.: -0.008 min
Response: 3131601
Conc: 20.12 ug/ml

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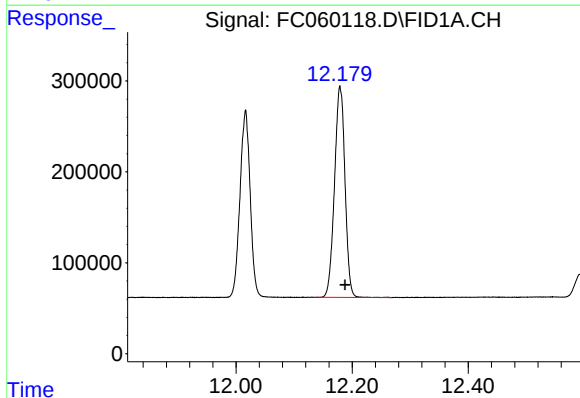
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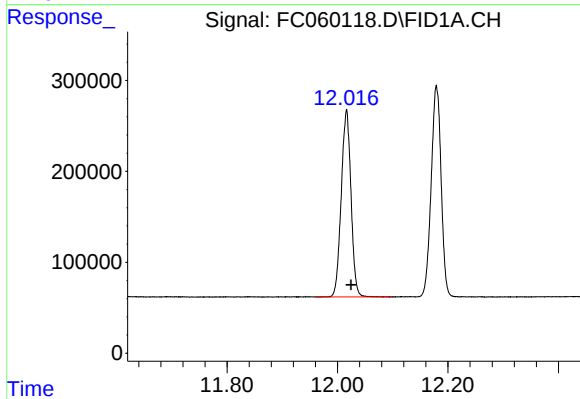
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.008 min
Response: 2922077
Conc: 20.48 ug/ml



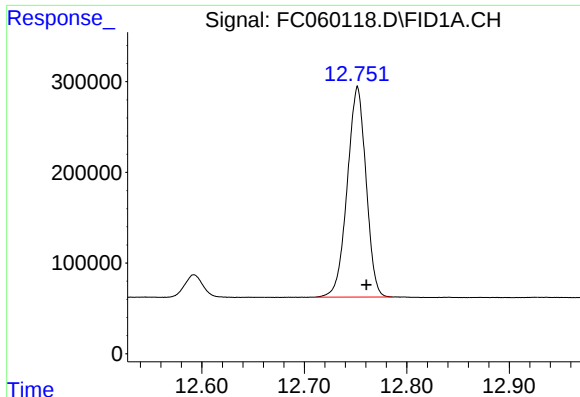
#11 n-Heneicosane (C21)

R.T.: 12.179 min
Delta R.T.: -0.009 min
Response: 2905537
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 2514153
Conc: 20.28 ug/ml



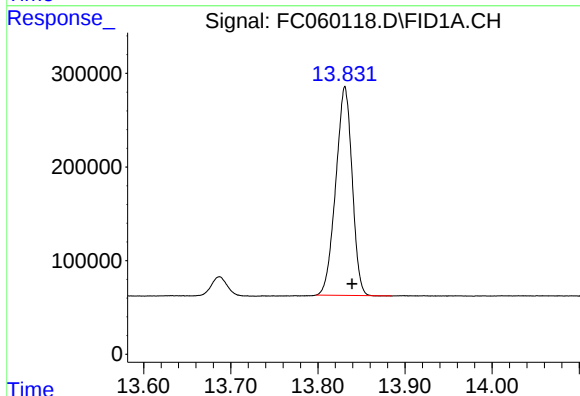
#13 n-Docosane (C22)

R.T.: 12.751 min
Delta R.T.: -0.009 min
Response: 2957962
Conc: 20.76 ug/ml

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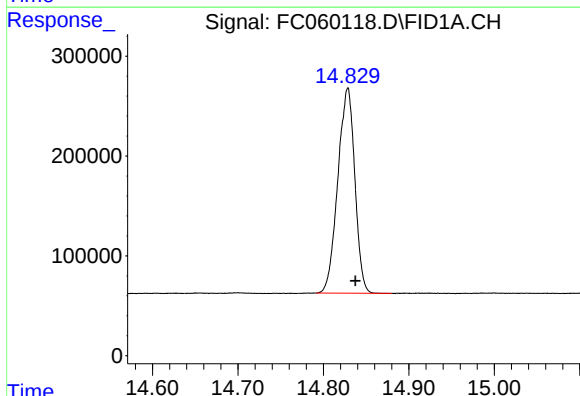
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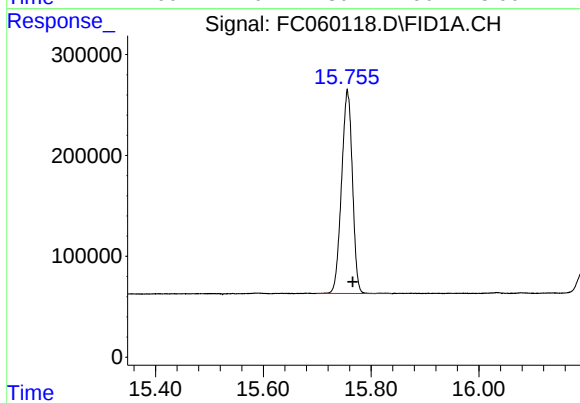
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.008 min
Response: 2906253
Conc: 20.71 ug/ml



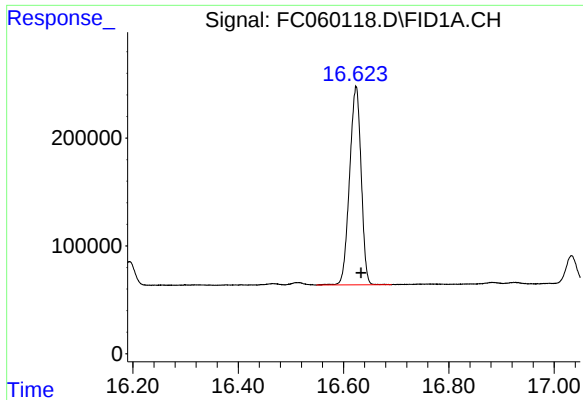
#15 n-Hexacosane (C26)

R.T.: 14.828 min
Delta R.T.: -0.010 min
Response: 2837623
Conc: 20.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.756 min
Delta R.T.: -0.010 min
Response: 2818974
Conc: 21.65 ug/ml



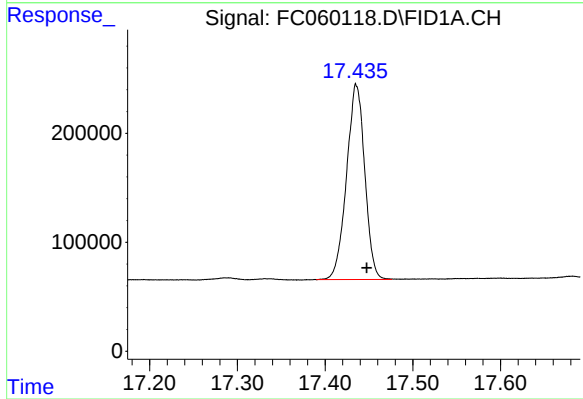
#17 n-Tricontane (C30)

R.T.: 16.623 min
Delta R.T.: -0.010 min
Response: 2798650
Conc: 22.86 ug/ml

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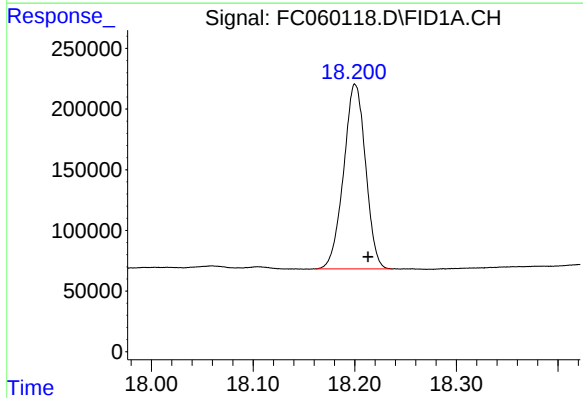
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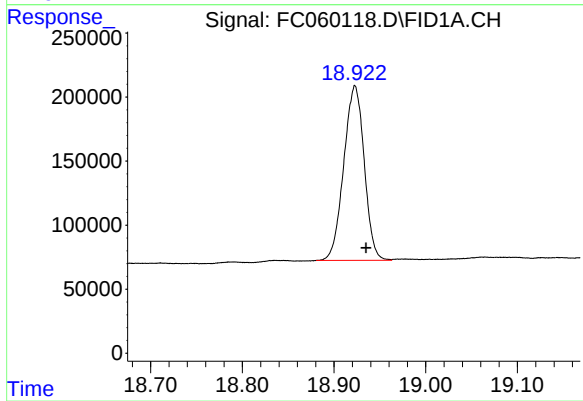
#18 n-Dotriacontane (C32)

R.T.: 17.435 min
Delta R.T.: -0.013 min
Response: 2584457
Conc: 23.18 ug/ml m



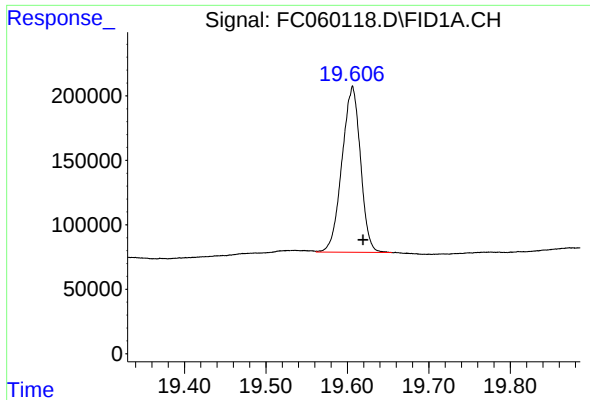
#19 n-Tetratriacontane (C34)

R.T.: 18.200 min
Delta R.T.: -0.014 min
Response: 2284692
Conc: 22.40 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.922 min
Delta R.T.: -0.013 min
Response: 2115070
Conc: 22.33 ug/ml m



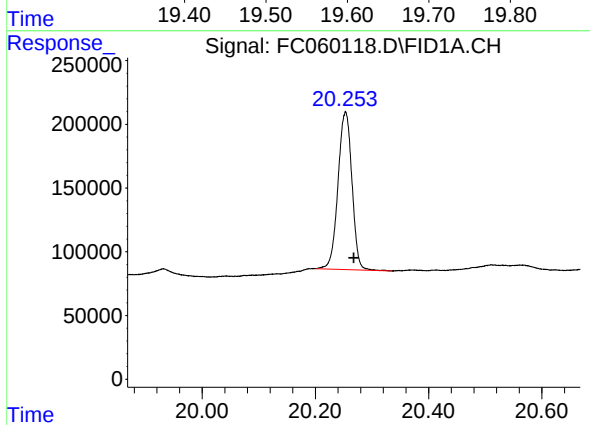
#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: -0.013 min
Response: 2031980
Conc: 22.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.253 min
Delta R.T.: -0.015 min
Response: 2115421
Conc: 22.48 ug/ml