

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020422AL\
 Data File : FC058250.D
 Signal(s) : FID1A.CH
 Acq On : 04 Feb 2022 10:39
 Operator : AJ\MA
 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 02/07/2022
 Supervised By :Ankita Jodhani 02/07/2022

Integration File: autoint1.e
 Quant Time: Feb 04 23:51:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 22:37:19 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)	10.687	4209569	21.380 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
12) S 1-chlorooctadecane (S...	12.125	3152540	21.213 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
Target Compounds			
1) T n-Nonane (C9)	2.624	3507861	21.255 ug/ml
2) T n-Decane (C10)	3.612	3571696	21.314 ug/ml
3) T A~Naphthalene (C11.7)	5.148	3946848	21.409 ug/ml
4) T n-Dodecane (C12)	5.581	3598283	21.343 ug/ml
5) T A~2-methylnaphthalene...	6.188	3981161	21.527 ug/ml
6) T n-Tetradecane (C14)	7.360	3665516	21.368 ug/ml
7) T n-Hexadecane (C16)	8.950	3696038	21.316 ug/ml
8) T n-Octadecane (C18)	10.383	3774673	21.312 ug/ml
10) T n-Eicosane (C20)	11.686	3714363	21.340 ug/ml
11) T n-Heneicosane (C21)	12.296	3716066	21.339 ug/ml
13) T n-Docosane (C22)	12.879	3649128	21.303 ug/ml
14) T n-Tetracosane (C24)	13.977	3596092	21.365 ug/ml
15) T n-Hexacosane (C26)	14.993	3445924	21.371 ug/ml
16) T n-Octacosane (C28)	15.939	3360678	21.231 ug/ml
17) T n-Tricontane (C30)	16.823	3233145	20.876 ug/ml
18) T n-Dotriacontane (C32)	17.653	3112868	20.533 ug/ml
19) T n-Tetratriacontane (C34)	18.435	2761254	20.016 ug/mlm
20) T n-Hexatriacontane (C36)	19.171	2527016	20.092 ug/ml
21) T n-Octatriacontane (C38)	19.875	2377064	19.920 ug/ml
22) T n-Tetracontane (C40)	20.694	2387943	20.409 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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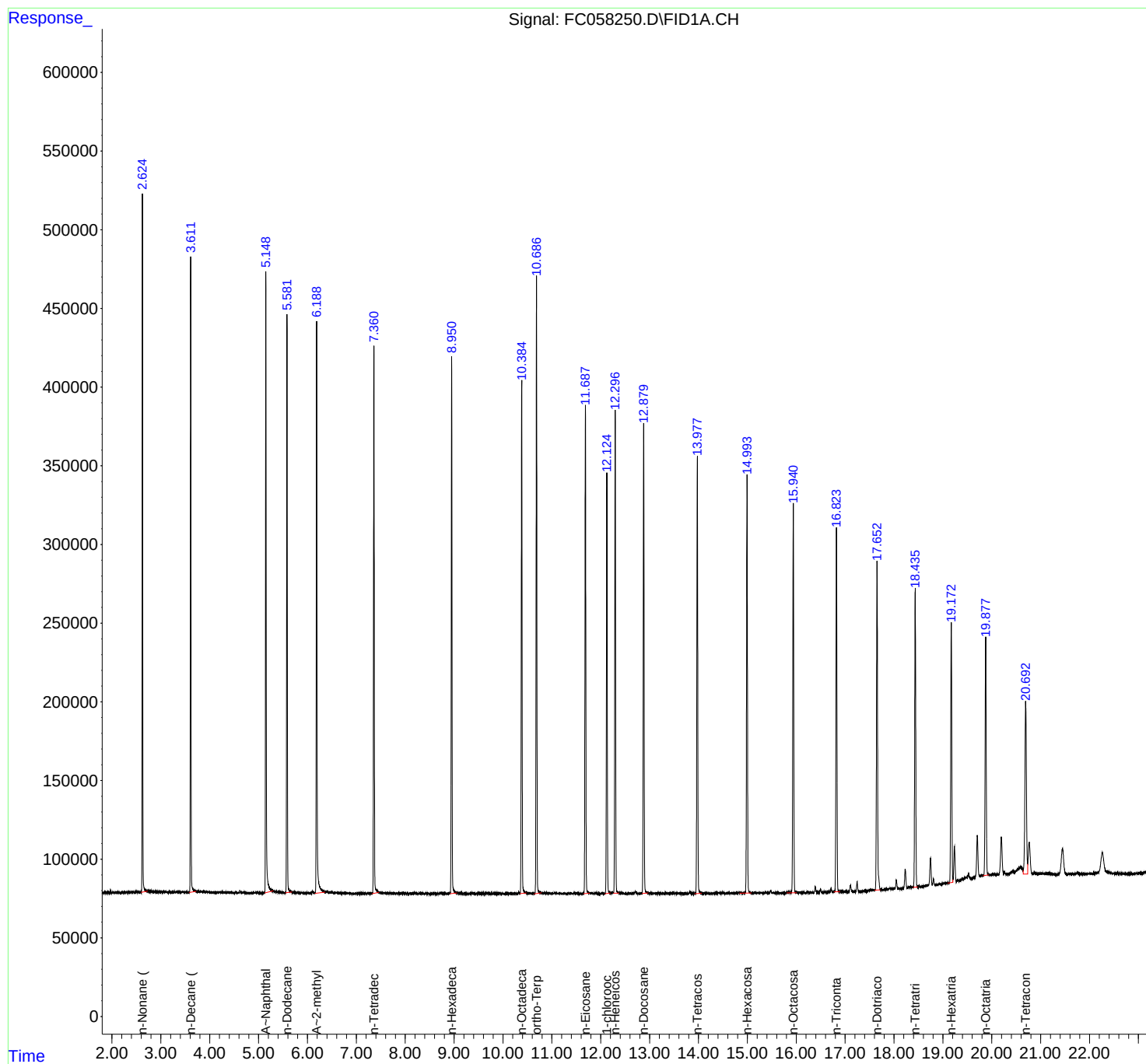
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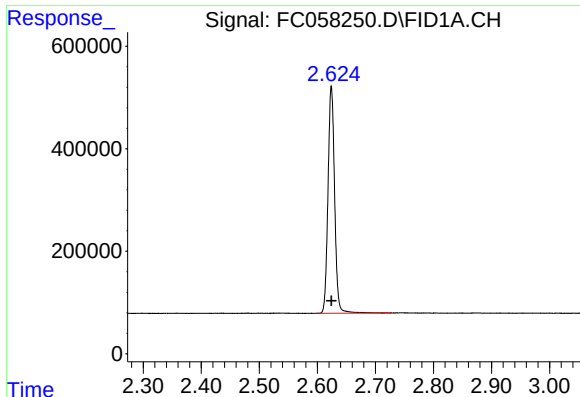
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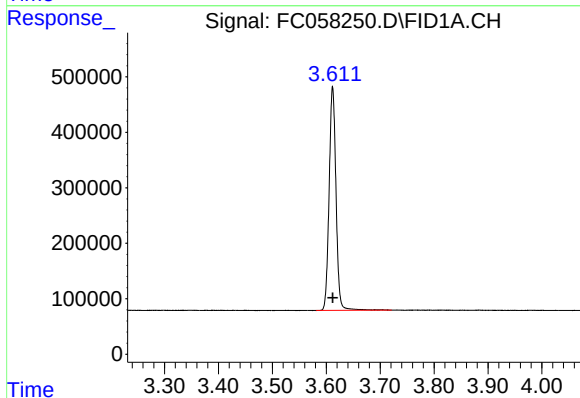
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: 0.000 min
Response: 3507861
Conc: 21.25 ug/ml

Instrument :
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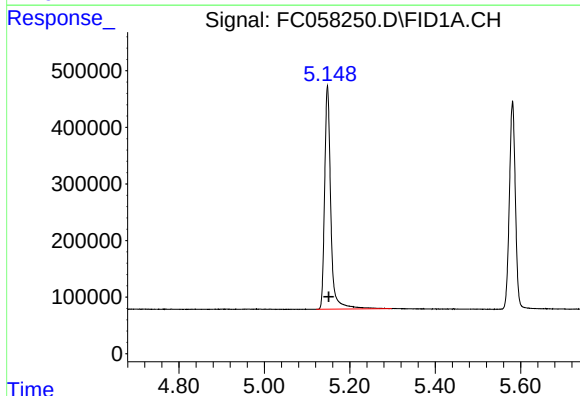
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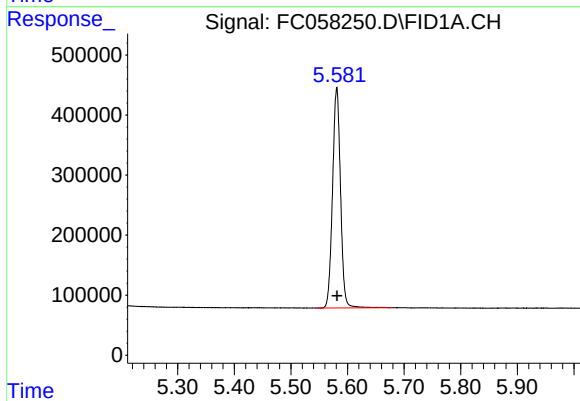
#2 n-Decane (C10)

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 3571696
Conc: 21.31 ug/ml



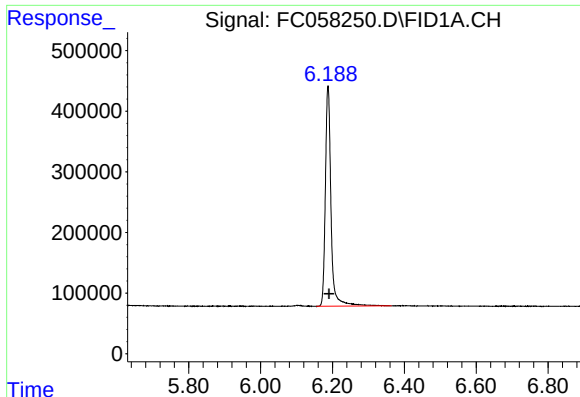
#3 A~Naphthalene (C11.7)

R.T.: 5.148 min
Delta R.T.: -0.002 min
Response: 3946848
Conc: 21.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 3598283
Conc: 21.34 ug/ml



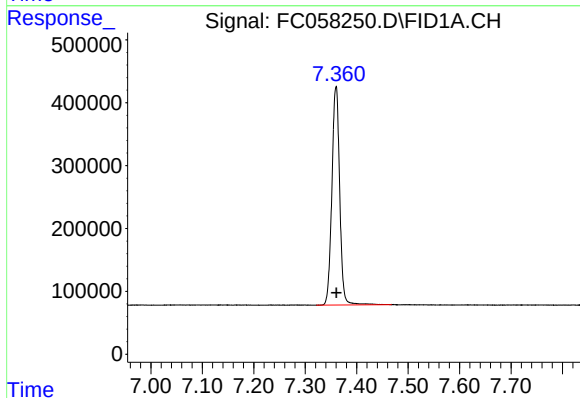
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 3981161
Conc: 21.53 ug/ml

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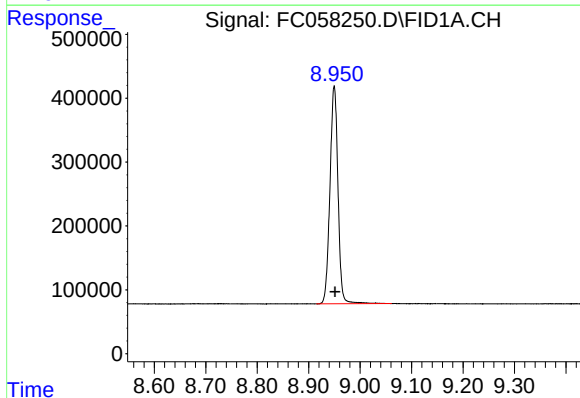
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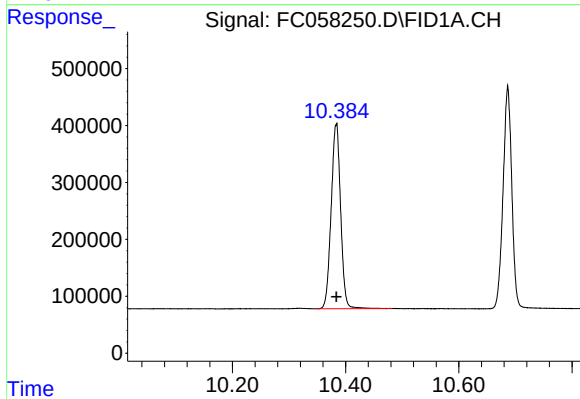
#6 n-Tetradecane (C14)

R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 3665516
Conc: 21.37 ug/ml



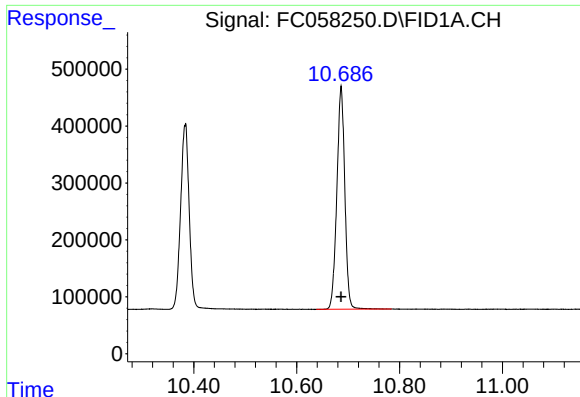
#7 n-Hexadecane (C16)

R.T.: 8.950 min
Delta R.T.: -0.001 min
Response: 3696038
Conc: 21.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.383 min
Delta R.T.: 0.000 min
Response: 3774673
Conc: 21.31 ug/ml



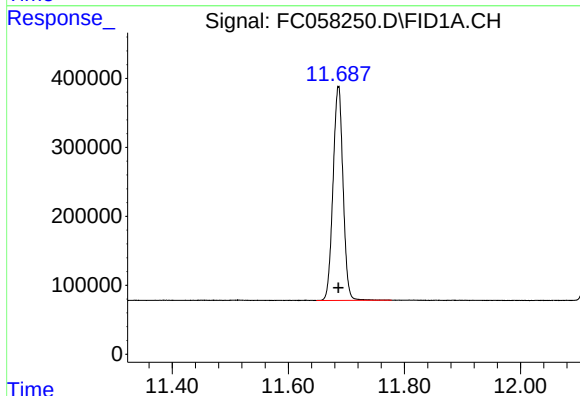
#9 ortho-Terphenyl (SURR)

R.T.: 10.687 min
Delta R.T.: 0.000 min
Response: 4209569
Conc: 21.38 ug/ml

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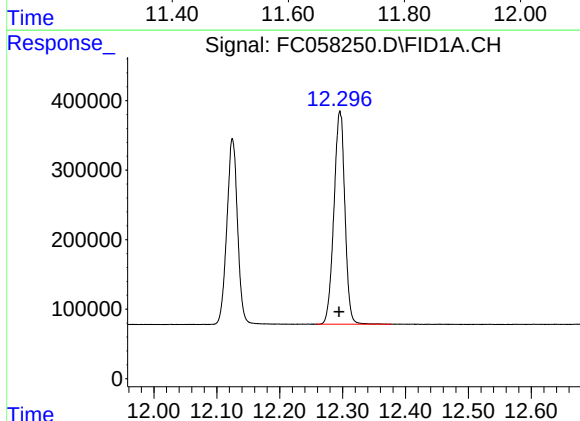
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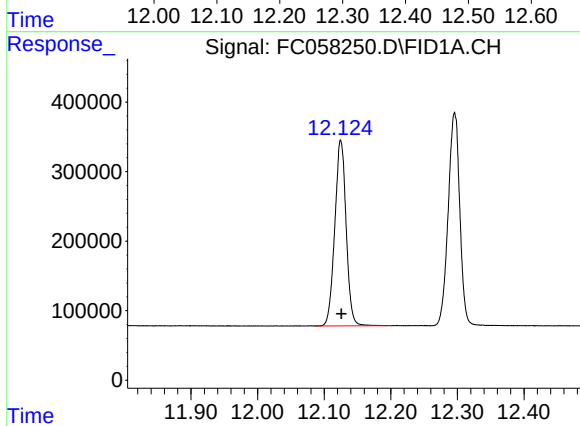
#10 n-Eicosane (C20)

R.T.: 11.686 min
Delta R.T.: 0.000 min
Response: 3714363
Conc: 21.34 ug/ml



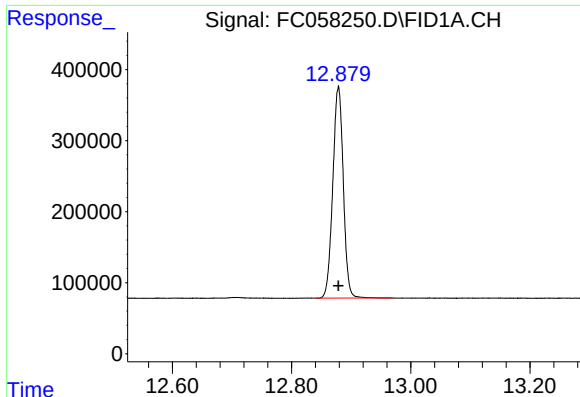
#11 n-Heneicosane (C21)

R.T.: 12.296 min
Delta R.T.: 0.001 min
Response: 3716066
Conc: 21.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.125 min
Delta R.T.: -0.001 min
Response: 3152540
Conc: 21.21 ug/ml



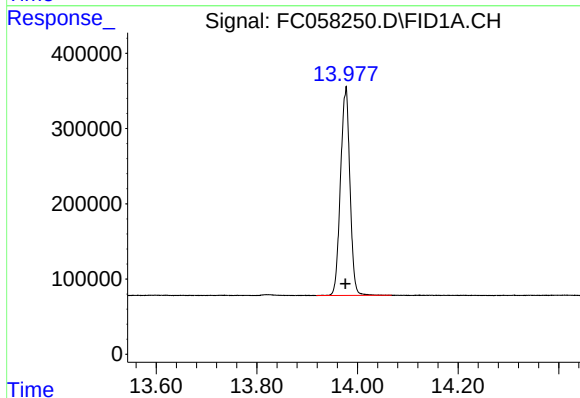
#13 n-Docosane (C22)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 3649128
Conc: 21.30 ug/ml

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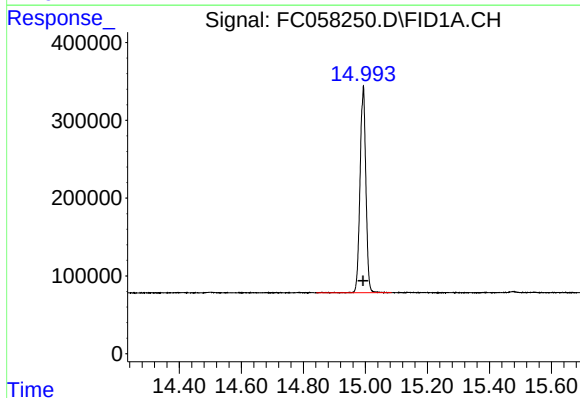
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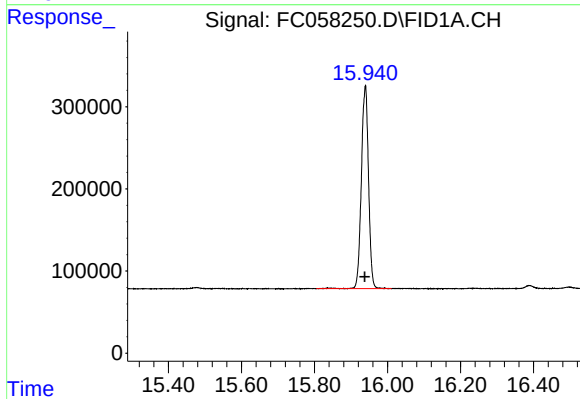
#14 n-Tetracosane (C24)

R.T.: 13.977 min
Delta R.T.: 0.000 min
Response: 3596092
Conc: 21.36 ug/ml



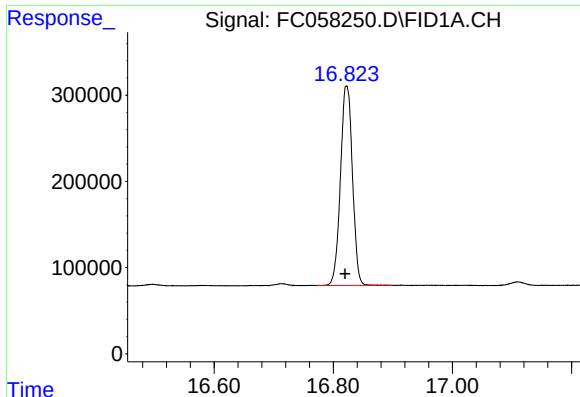
#15 n-Hexacosane (C26)

R.T.: 14.993 min
Delta R.T.: 0.000 min
Response: 3445924
Conc: 21.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.939 min
Delta R.T.: 0.001 min
Response: 3360678
Conc: 21.23 ug/ml



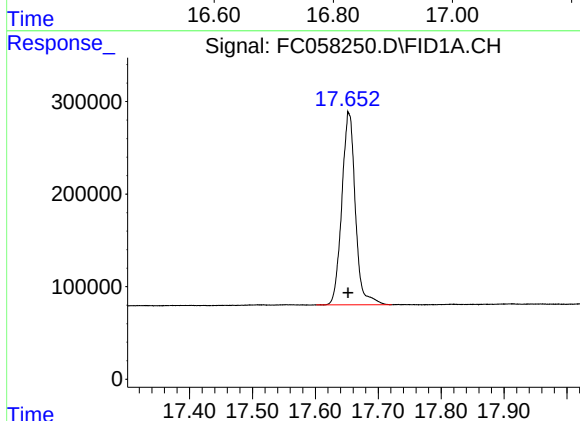
#17 n-Tricontane (C30)

R.T.: 16.823 min
Delta R.T.: 0.003 min
Response: 3233145
Conc: 20.88 ug/ml

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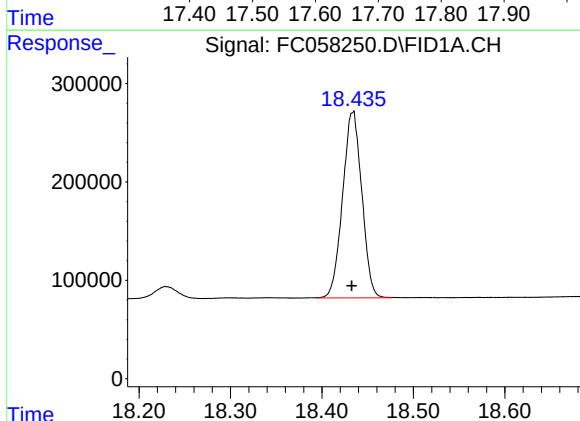
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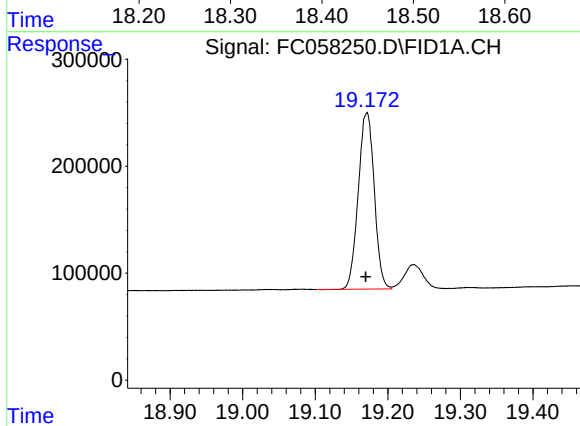
#18 n-Dotriacontane (C32)

R.T.: 17.653 min
Delta R.T.: 0.001 min
Response: 3112868
Conc: 20.53 ug/ml



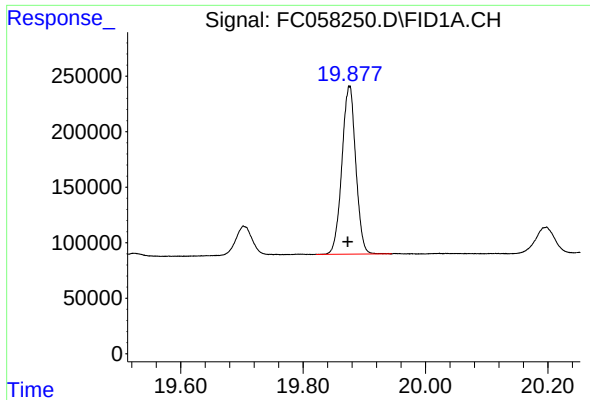
#19 n-Tetratriacontane (C34)

R.T.: 18.435 min
Delta R.T.: 0.002 min
Response: 2761254
Conc: 20.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.171 min
Delta R.T.: 0.001 min
Response: 2527016
Conc: 20.09 ug/ml



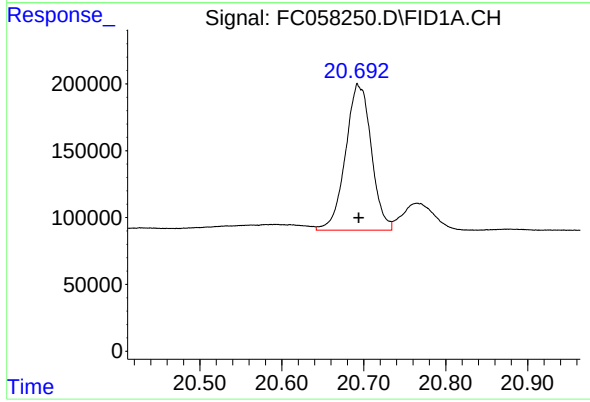
#21 n-Octatriacontane (C38)

R.T.: 19.875 min
Delta R.T.: 0.003 min
Response: 2377064
Conc: 19.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.694 min
Delta R.T.: 0.000 min
Response: 2387943
Conc: 20.41 ug/ml