

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060322AL\
 Data File : FC060087.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 18:48
 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 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:34:26 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)	10.650	3203806	20.587 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
12) S 1-chlorooctadecane (S...	12.019	2540157	20.487 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	2.631	2681869	20.954 ug/ml
2) T n-Decane (C10)	3.629	2677120	20.926 ug/ml
3) T A~Naphthalene (C11.7)	5.166	3061733	21.183 ug/ml
4) T n-Dodecane (C12)	5.580	2807748	21.063 ug/ml
5) T A~2-methylnaphthalene...	6.192	3167535	21.582 ug/ml
6) T n-Tetradecane (C14)	7.332	2866699	20.999 ug/ml
7) T n-Hexadecane (C16)	8.896	2939172	20.948 ug/ml
8) T n-Octadecane (C18)	10.304	2984922	20.858 ug/ml
10) T n-Eicosane (C20)	11.583	2961957	20.761 ug/ml
11) T n-Heneicosane (C21)	12.181	2935846	20.482 ug/ml
13) T n-Docosane (C22)	12.754	2917610	20.475 ug/ml
14) T n-Tetracosane (C24)	13.832	2838380	20.226 ug/ml
15) T n-Hexacosane (C26)	14.829	2711794	20.026 ug/ml
16) T n-Octacosane (C28)	15.757	2615056	20.079 ug/ml
17) T n-Tricontane (C30)	16.624	2564576	20.948 ug/ml
18) T n-Dotriacontane (C32)	17.436	2404868	21.569 ug/ml
19) T n-Tetratriacontane (C34)	18.203	2198287	21.553 ug/mlm
20) T n-Hexatriacontane (C36)	18.922	2055695	21.708 ug/mlm
21) T n-Octatriacontane (C38)	19.606	1990737	21.577 ug/mlm
22) T n-Tetracontane (C40)	20.254	2004757	21.308 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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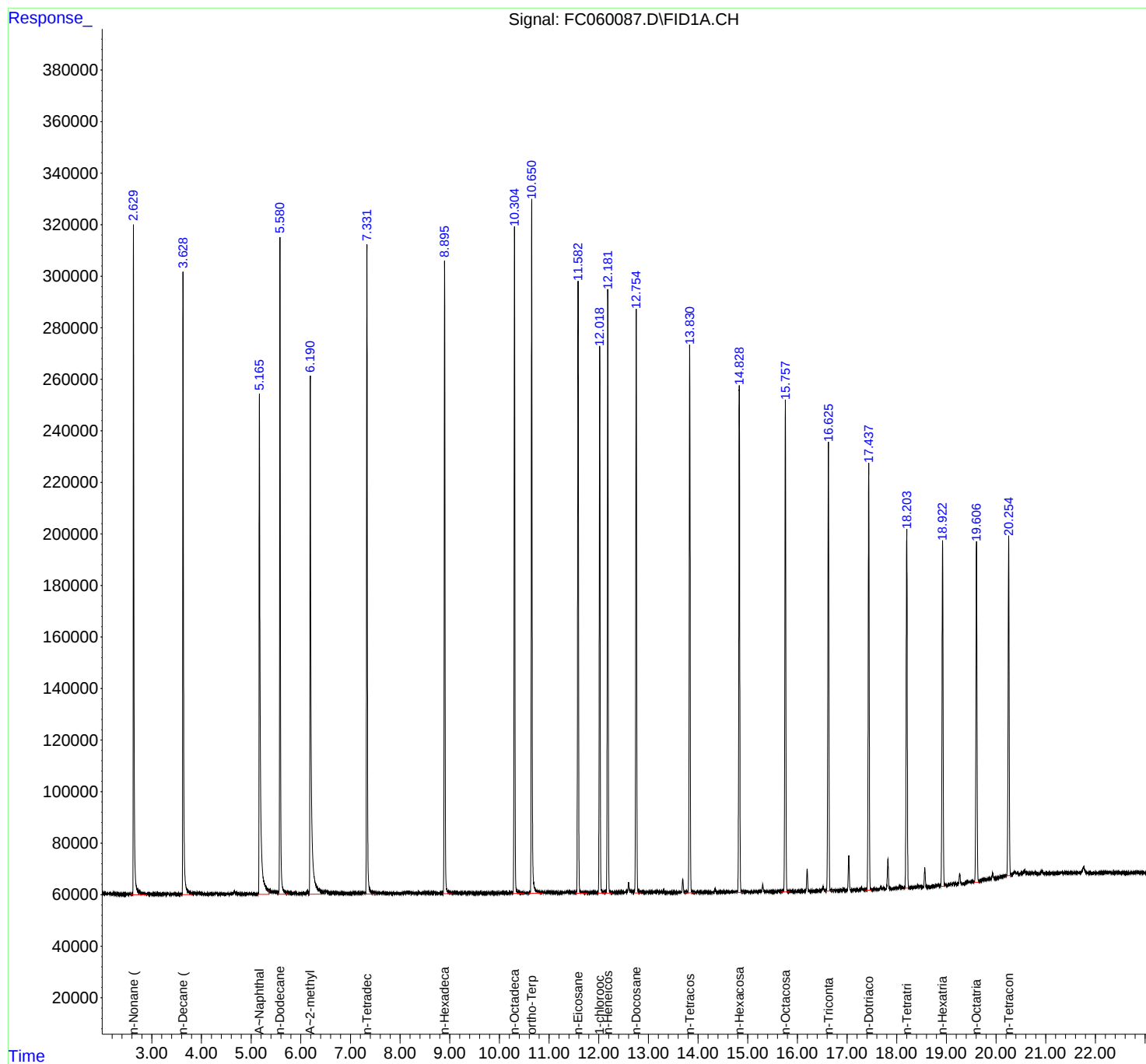
Instrument :
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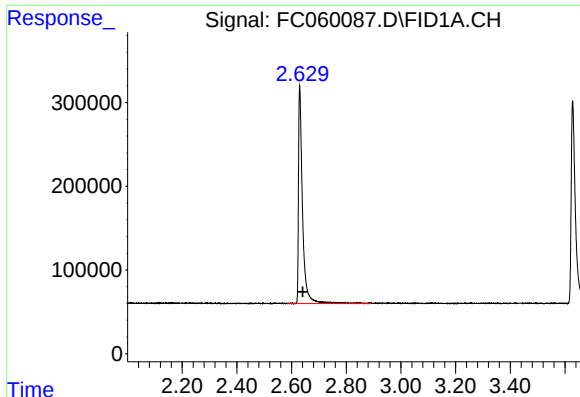
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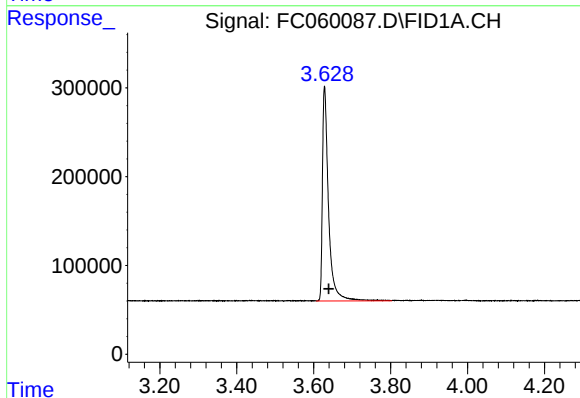
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.010 min
Response: 2681869
Conc: 20.95 ug/ml

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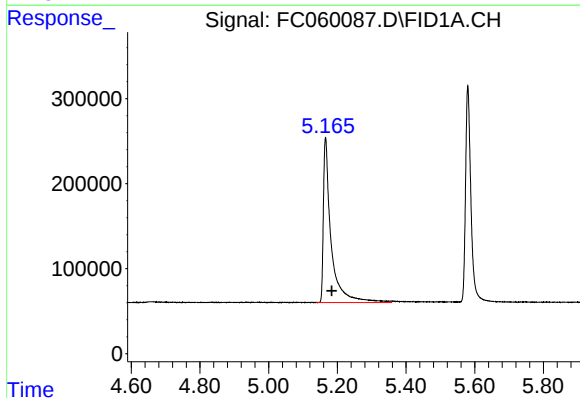
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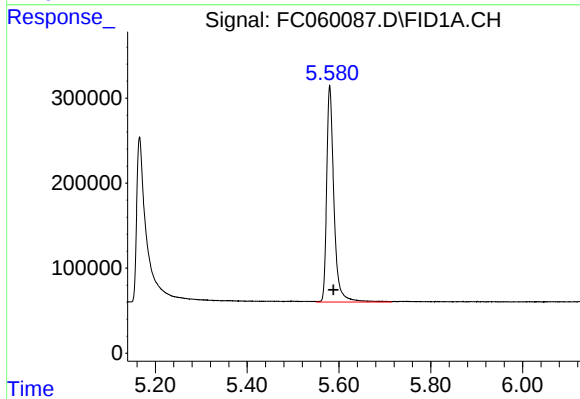
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.010 min
Response: 2677120
Conc: 20.93 ug/ml



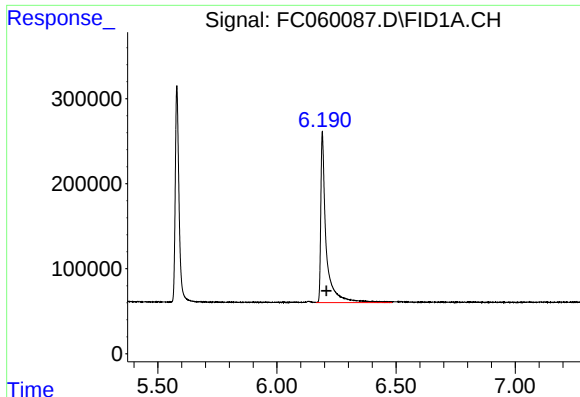
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.018 min
Response: 3061733
Conc: 21.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 2807748
Conc: 21.06 ug/ml



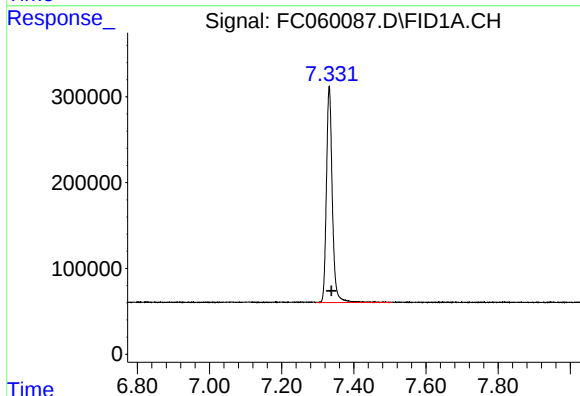
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.192 min
Delta R.T.: -0.016 min
Response: 3167535
Conc: 21.58 ug/ml

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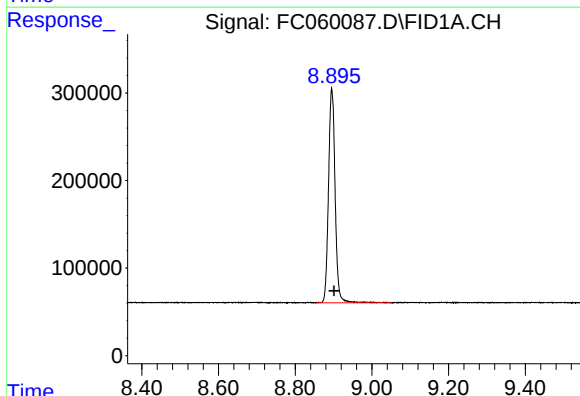
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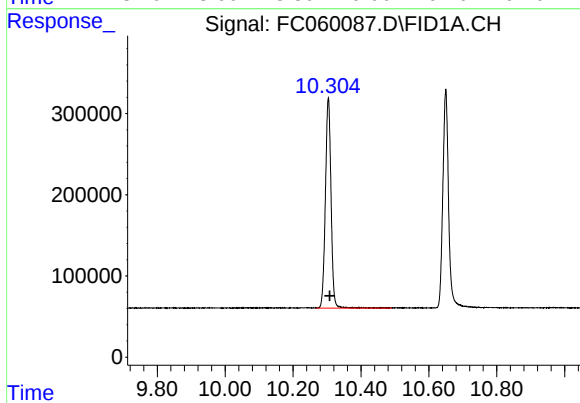
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 2866699
Conc: 21.00 ug/ml



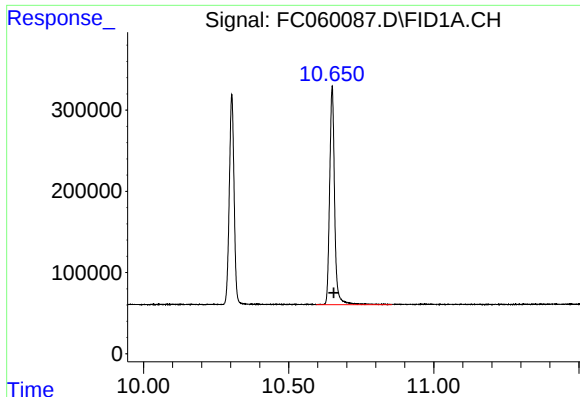
#7 n-Hexadecane (C16)

R.T.: 8.896 min
Delta R.T.: -0.006 min
Response: 2939172
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 2984922
Conc: 20.86 ug/ml



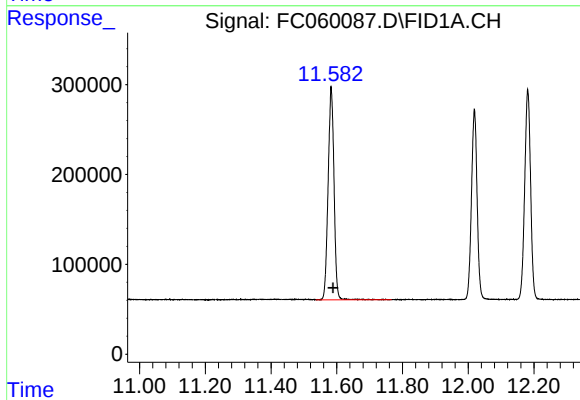
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 3203806
Conc: 20.59 ug/ml

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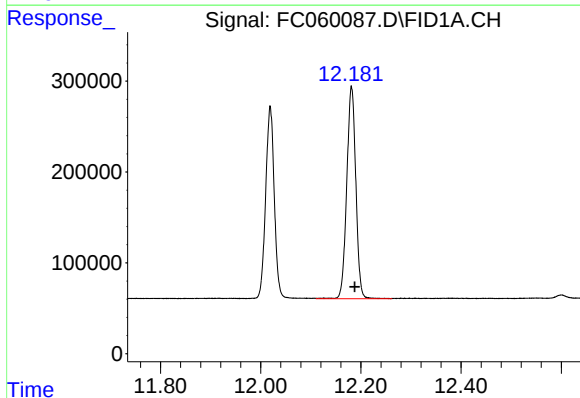
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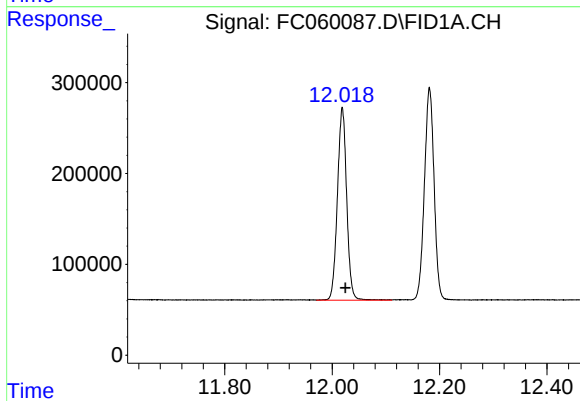
#10 n-Eicosane (C20)

R.T.: 11.583 min
Delta R.T.: -0.006 min
Response: 2961957
Conc: 20.76 ug/ml



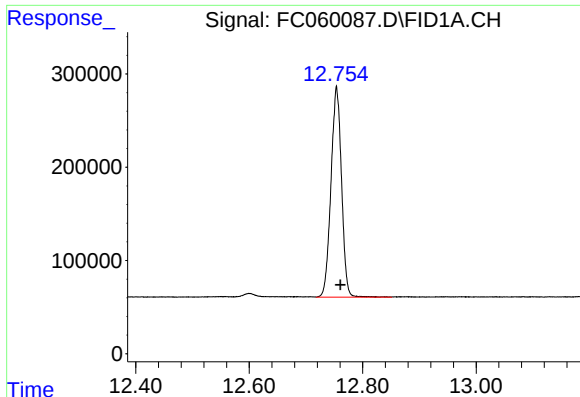
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 2935846
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.019 min
Delta R.T.: -0.006 min
Response: 2540157
Conc: 20.49 ug/ml



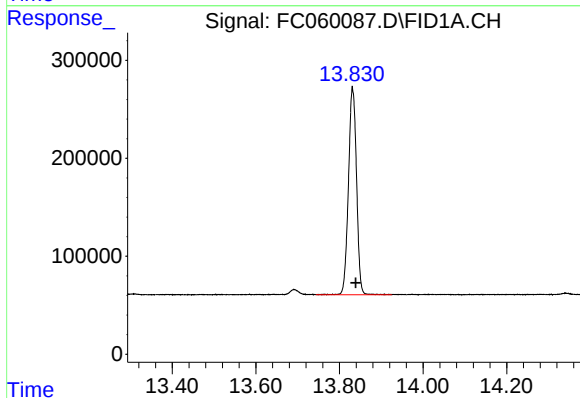
#13 n-Docosane (C22)

R.T.: 12.754 min
Delta R.T.: -0.007 min
Response: 2917610
Conc: 20.47 ug/ml

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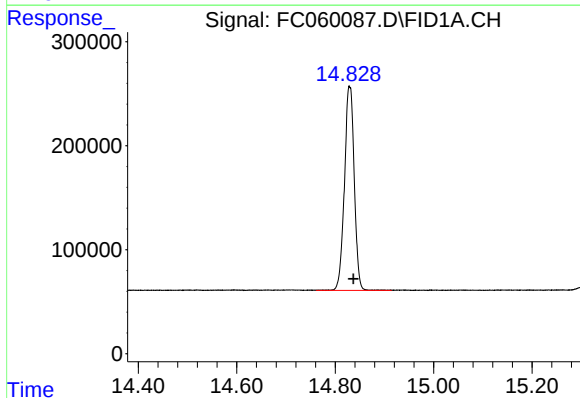
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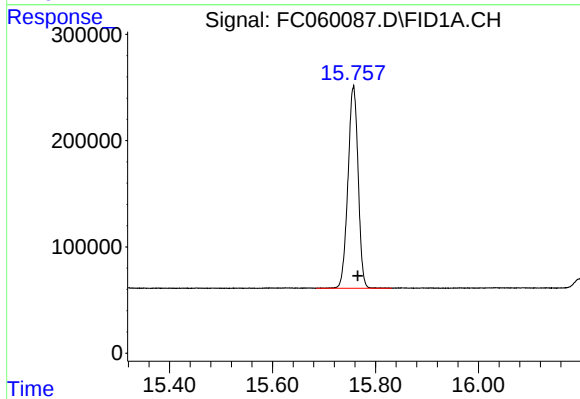
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.008 min
Response: 2838380
Conc: 20.23 ug/ml



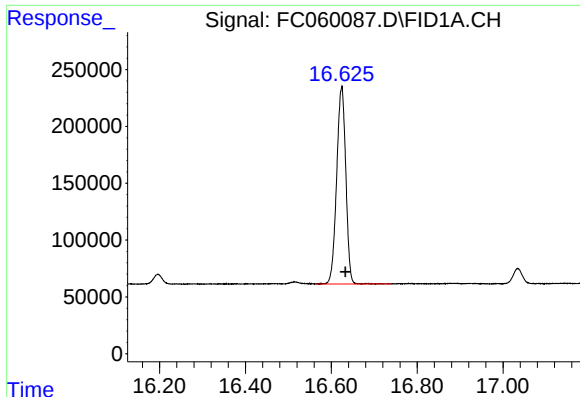
#15 n-Hexacosane (C26)

R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 2711794
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.757 min
Delta R.T.: -0.009 min
Response: 2615056
Conc: 20.08 ug/ml



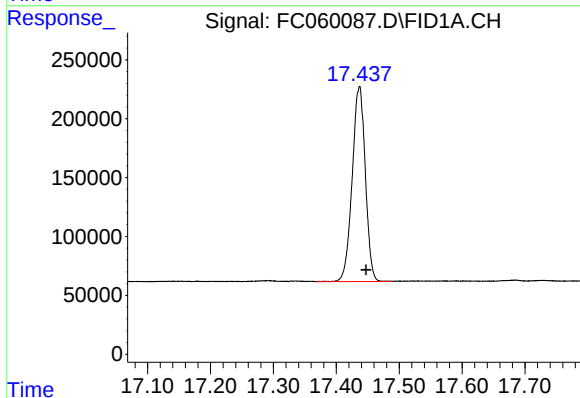
#17 n-Tricontane (C30)

R.T.: 16.624 min
Delta R.T.: -0.009 min
Response: 2564576
Conc: 20.95 ug/ml

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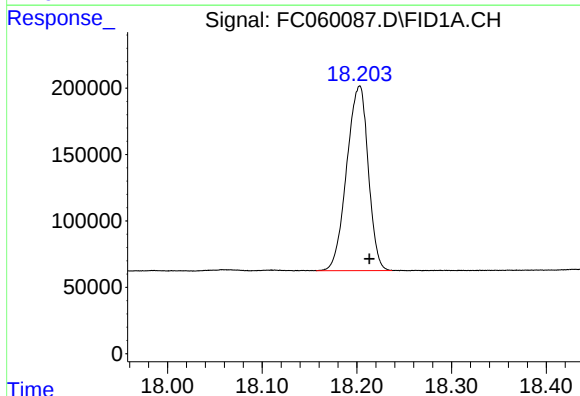
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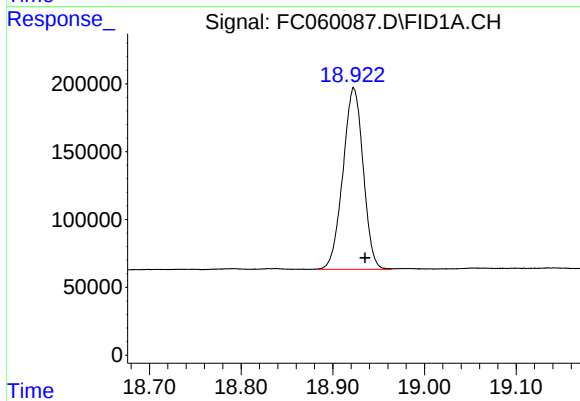
#18 n-Dotriacontane (C32)

R.T.: 17.436 min
Delta R.T.: -0.011 min
Response: 2404868
Conc: 21.57 ug/ml



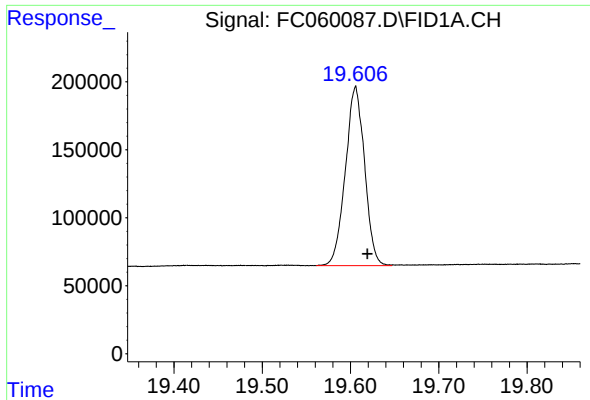
#19 n-Tetratriacontane (C34)

R.T.: 18.203 min
Delta R.T.: -0.010 min
Response: 2198287
Conc: 21.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.922 min
Delta R.T.: -0.013 min
Response: 2055695
Conc: 21.71 ug/ml m



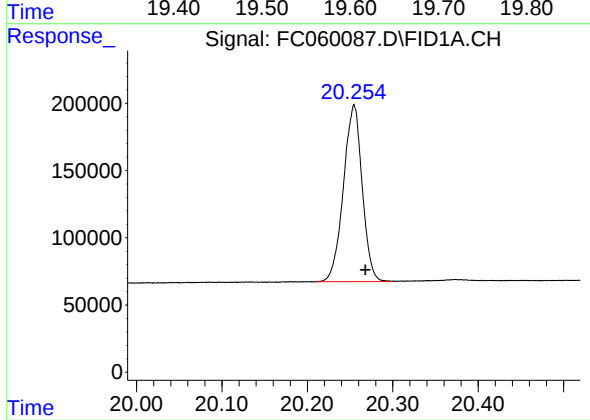
#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: -0.013 min
Response: 1990737
Conc: 21.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.014 min
Response: 2004757
Conc: 21.31 ug/ml m