

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060322.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2022 16:01
 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 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: autoint1.e
 Quant Time: Jun 20 00:58:38 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)	10.647	2931765	18.839 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
12) S 1-chlorooctadecane (S...	12.017	2323631	18.741 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	2.620	2615559	20.436 ug/ml
2) T n-Decane (C10)	3.619	2624398	20.514 ug/ml
3) T A~Naphthalene (C11.7)	5.159	2954450	20.440 ug/ml
4) T n-Dodecane (C12)	5.574	2736717	20.530 ug/ml
5) T A~2-methylnaphthalene...	6.184	2973319	20.259 ug/ml
6) T n-Tetradecane (C14)	7.327	2784770	20.399 ug/ml
7) T n-Hexadecane (C16)	8.891	2815496	20.067 ug/ml
8) T n-Octadecane (C18)	10.301	2805782	19.606 ug/ml
10) T n-Eicosane (C20)	11.581	2722889	19.085 ug/ml
11) T n-Heneicosane (C21)	12.180	2700004	18.837 ug/ml
13) T n-Docosane (C22)	12.752	2646418	18.572 ug/ml
14) T n-Tetracosane (C24)	13.832	2540956	18.107 ug/ml
15) T n-Hexacosane (C26)	14.830	2415487	17.838 ug/ml
16) T n-Octacosane (C28)	15.760	2360622	18.126 ug/ml
17) T n-Tricontane (C30)	16.628	2366364	19.329 ug/ml
18) T n-Dotriacontane (C32)	17.442	2319862	20.807 ug/mlm
19) T n-Tetratriacontane (C34)	18.207	2179542	21.369 ug/ml
20) T n-Hexatriacontane (C36)	18.929	2037565	21.516 ug/ml
21) T n-Octatriacontane (C38)	19.614	2023038	21.927 ug/ml
22) T n-Tetracontane (C40)	20.263	2018221	21.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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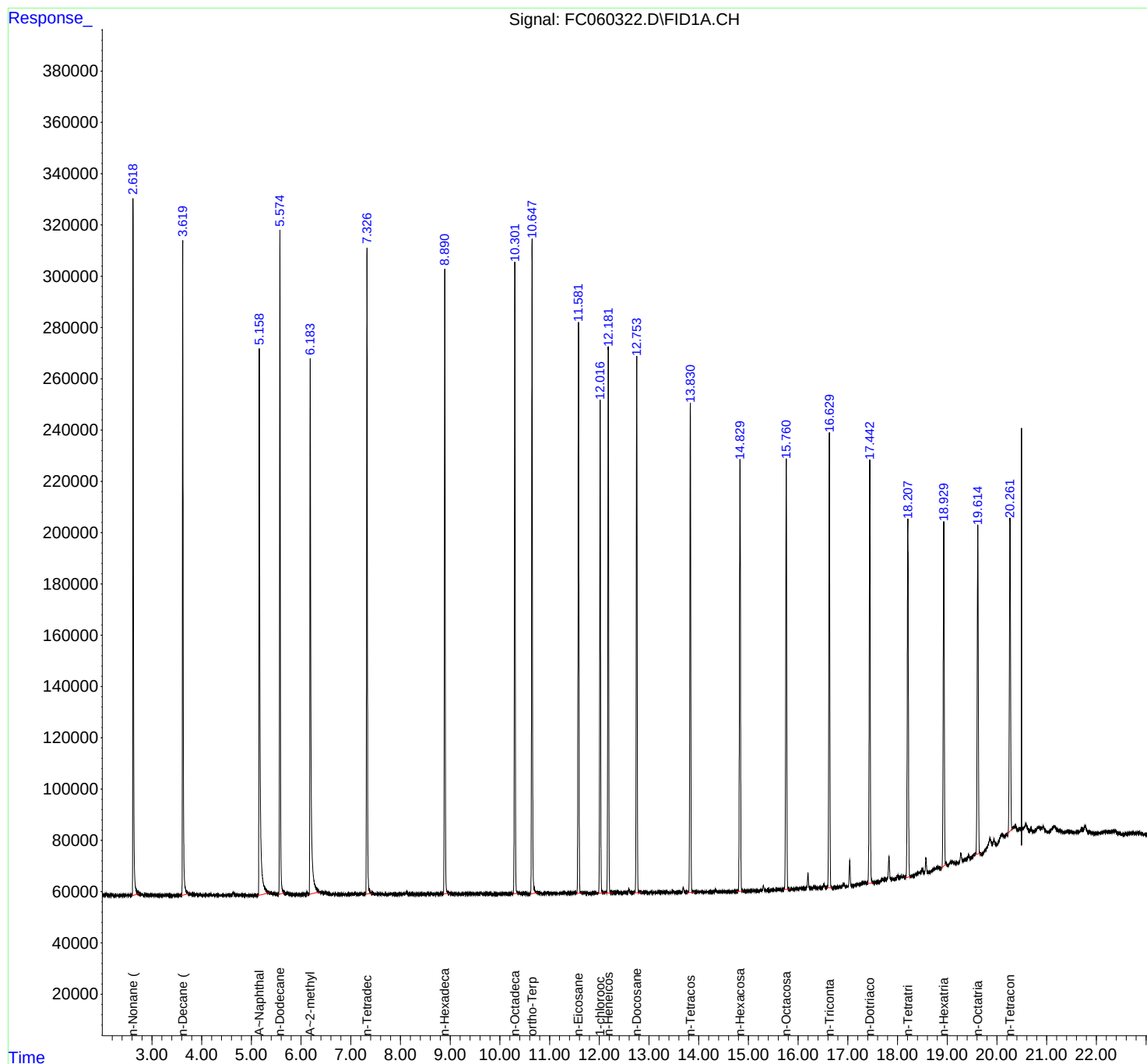
Instrument :
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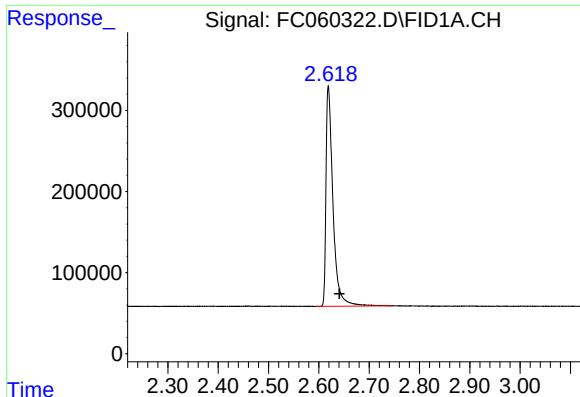
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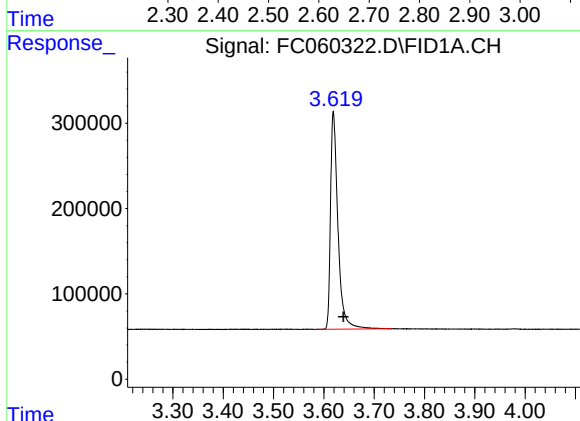
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: -0.021 min
Response: 2615559
Conc: 20.44 ug/ml

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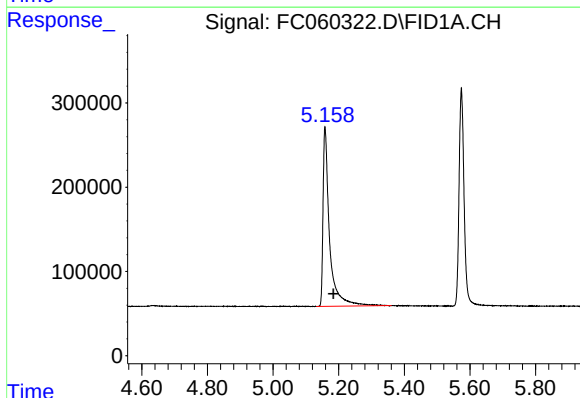
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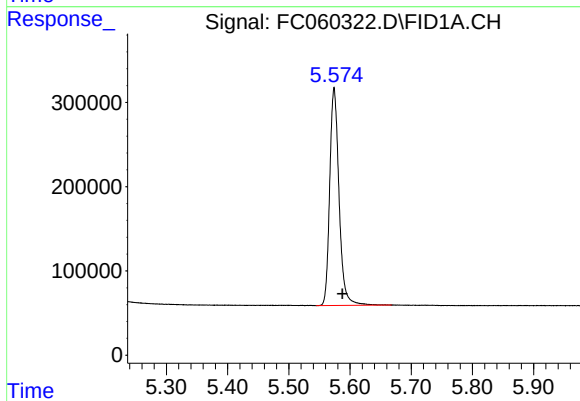
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.019 min
Response: 2624398
Conc: 20.51 ug/ml



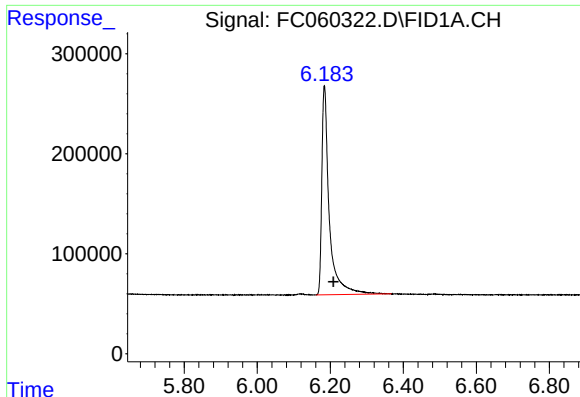
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.025 min
Response: 2954450
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: -0.014 min
Response: 2736717
Conc: 20.53 ug/ml



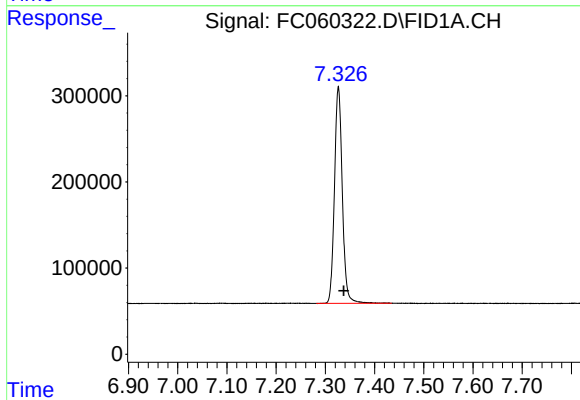
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.024 min
Response: 2973319
Conc: 20.26 ug/ml

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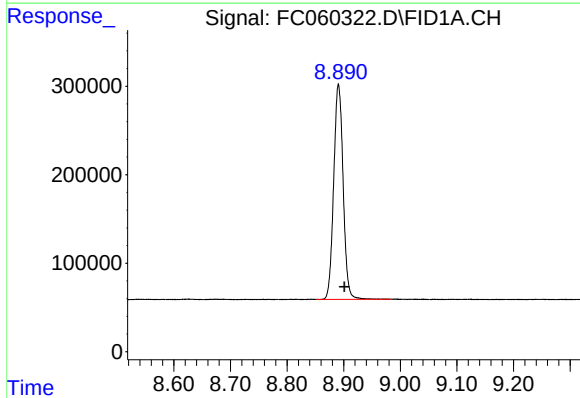
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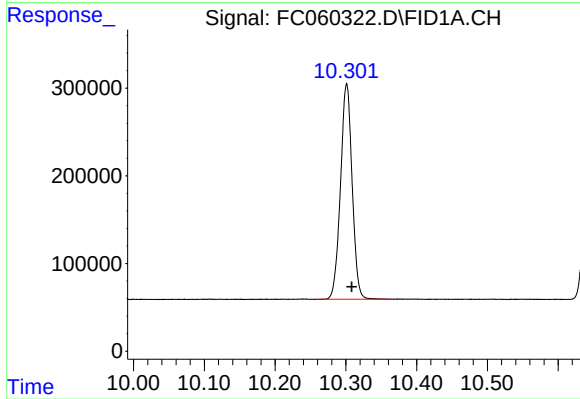
#6 n-Tetradecane (C14)

R.T.: 7.327 min
Delta R.T.: -0.011 min
Response: 2784770
Conc: 20.40 ug/ml



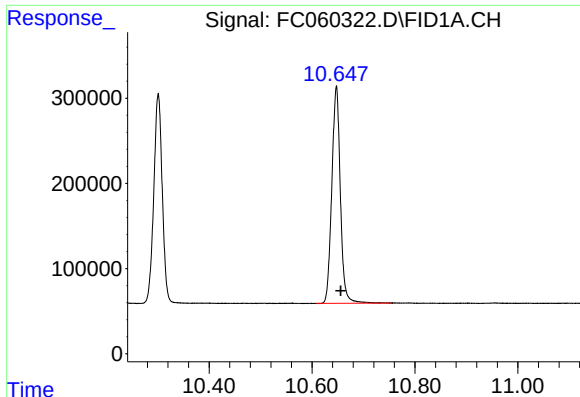
#7 n-Hexadecane (C16)

R.T.: 8.891 min
Delta R.T.: -0.010 min
Response: 2815496
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2805782
Conc: 19.61 ug/ml



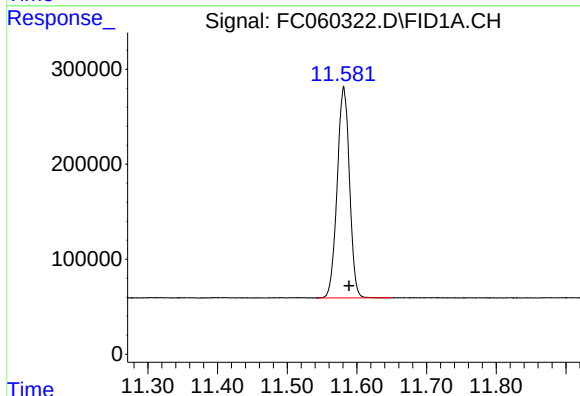
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 2931765
Conc: 18.84 ug/ml

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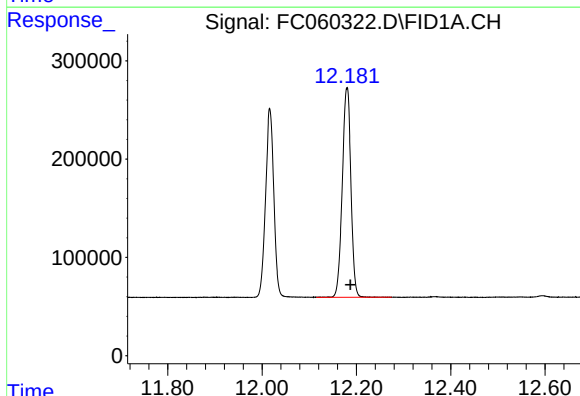
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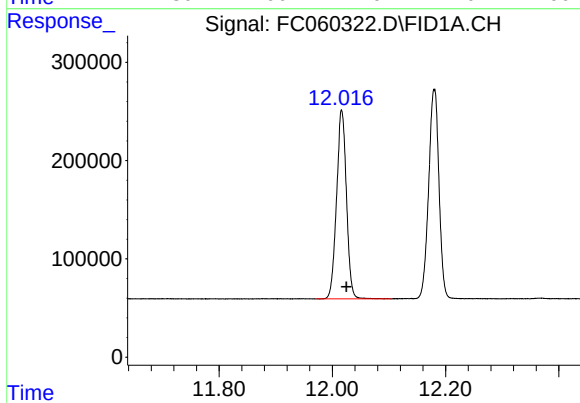
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.008 min
Response: 2722889
Conc: 19.09 ug/ml



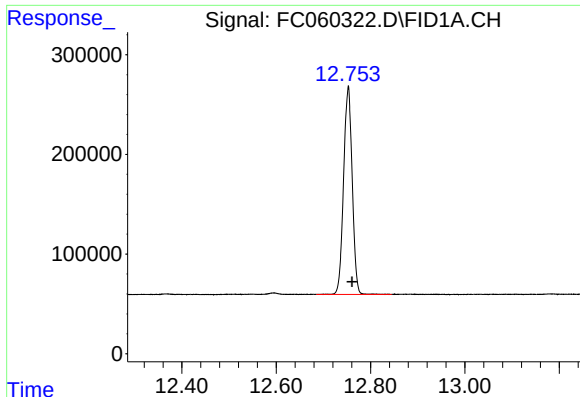
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.008 min
Response: 2700004
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.017 min
Delta R.T.: -0.008 min
Response: 2323631
Conc: 18.74 ug/ml



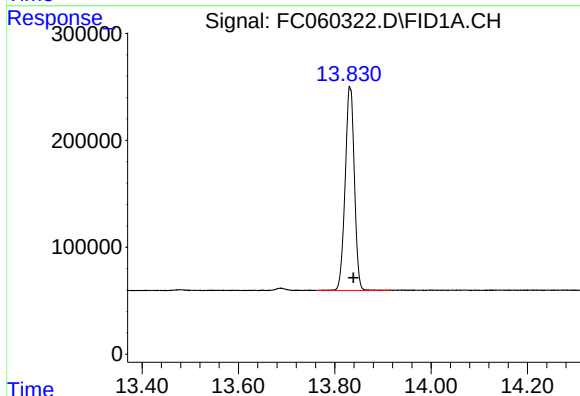
#13 n-Docosane (C22)

R.T.: 12.752 min
Delta R.T.: -0.008 min
Response: 2646418
Conc: 18.57 ug/ml

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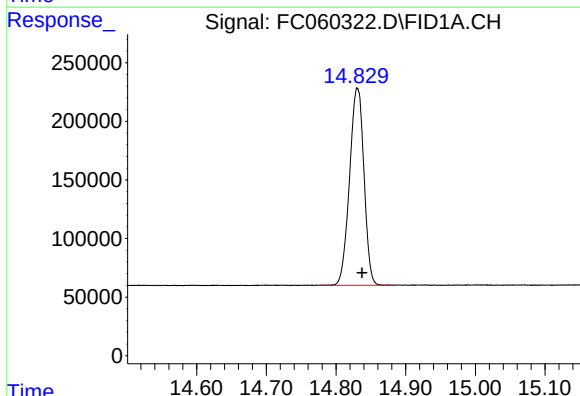
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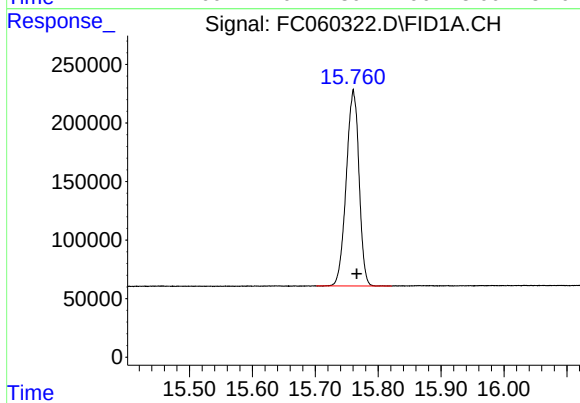
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.008 min
Response: 2540956
Conc: 18.11 ug/ml



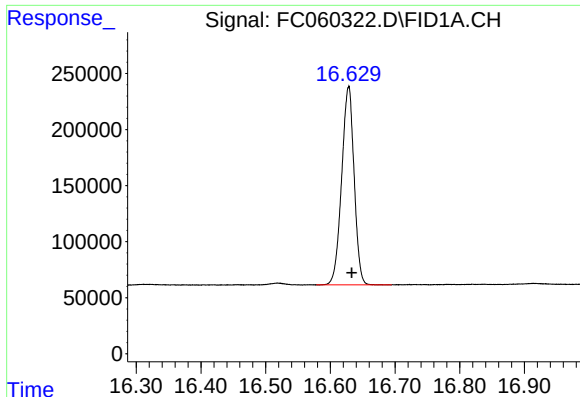
#15 n-Hexacosane (C26)

R.T.: 14.830 min
Delta R.T.: -0.007 min
Response: 2415487
Conc: 17.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.760 min
Delta R.T.: -0.006 min
Response: 2360622
Conc: 18.13 ug/ml



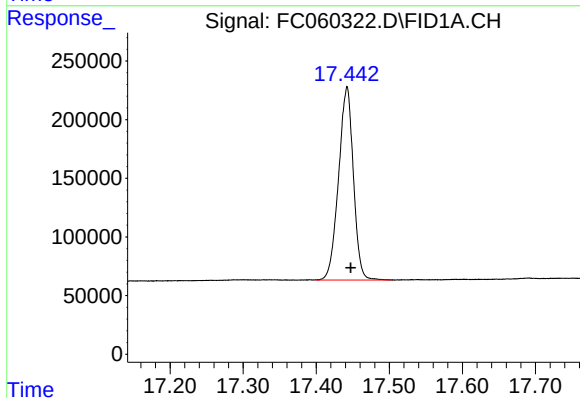
#17 n-Tricontane (C30)

R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 2366364
Conc: 19.33 ug/ml

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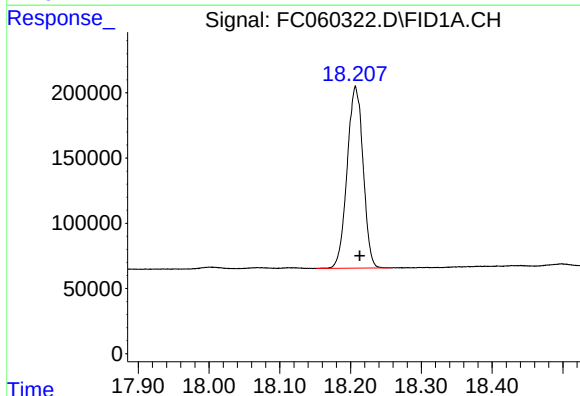
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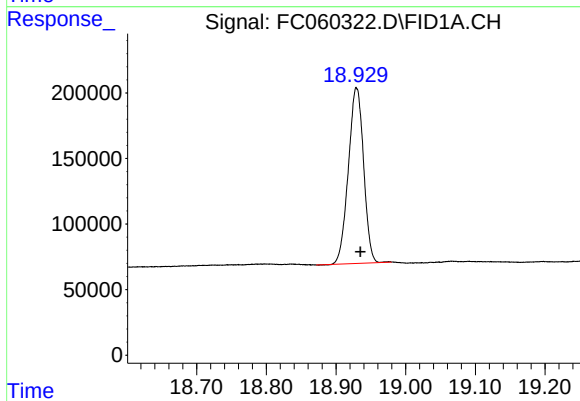
#18 n-Dotriacontane (C32)

R.T.: 17.442 min
Delta R.T.: -0.005 min
Response: 2319862
Conc: 20.81 ug/ml m



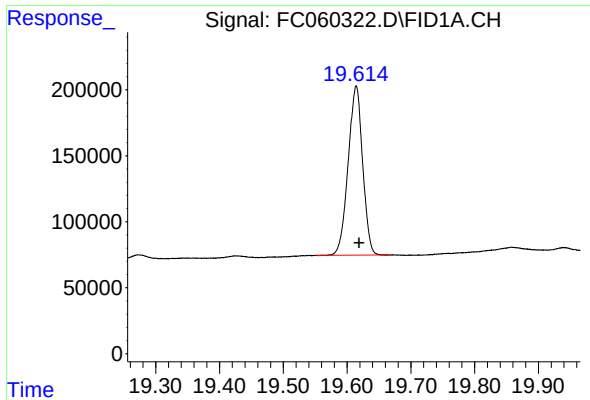
#19 n-Tetratriacontane (C34)

R.T.: 18.207 min
Delta R.T.: -0.006 min
Response: 2179542
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.929 min
Delta R.T.: -0.006 min
Response: 2037565
Conc: 21.52 ug/ml



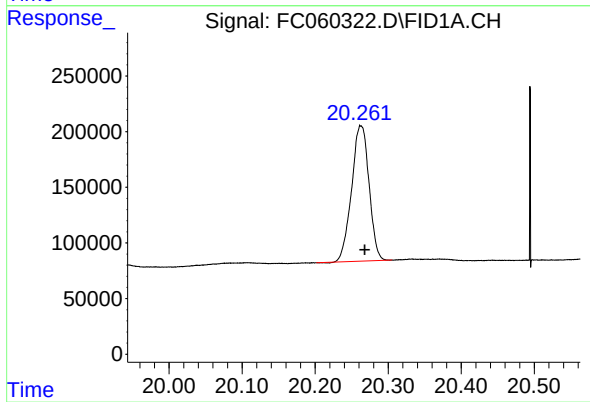
#21 n-Octatriacontane (C38)

R.T.: 19.614 min
Delta R.T.: -0.005 min
Response: 2023038
Conc: 21.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.005 min
Response: 2018221
Conc: 21.45 ug/ml