

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060222AL\
 Data File : FC060079.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 9:21
 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 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 03 09:43:31 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	3180303	20.436 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
12) S 1-chlorooctadecane (S...	12.016	2544951	20.526 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	2.628	2626714	20.523 ug/ml
2) T n-Decane (C10)	3.626	2663044	20.816 ug/ml
3) T A~Naphthalene (C11.7)	5.163	3045003	21.067 ug/ml
4) T n-Dodecane (C12)	5.578	2792647	20.949 ug/ml
5) T A~2-methylnaphthalene...	6.188	3099381	21.117 ug/ml
6) T n-Tetradecane (C14)	7.329	2866005	20.994 ug/ml
7) T n-Hexadecane (C16)	8.892	2934381	20.914 ug/ml
8) T n-Octadecane (C18)	10.302	2986979	20.872 ug/ml
10) T n-Eicosane (C20)	11.581	2945770	20.647 ug/ml
11) T n-Heneicosane (C21)	12.179	2935102	20.477 ug/ml
13) T n-Docosane (C22)	12.752	2888366	20.269 ug/ml
14) T n-Tetracosane (C24)	13.831	2809972	20.024 ug/ml
15) T n-Hexacosane (C26)	14.828	2691604	19.877 ug/ml
16) T n-Octacosane (C28)	15.756	2602514	19.983 ug/ml
17) T n-Tricontane (C30)	16.623	2536841	20.722 ug/ml
18) T n-Dotriacontane (C32)	17.436	2396306	21.492 ug/mlm
19) T n-Tetratriacontane (C34)	18.201	2190748	21.479 ug/ml
20) T n-Hexatriacontane (C36)	18.924	2050524	21.653 ug/mlm
21) T n-Octatriacontane (C38)	19.604	1984606	21.510 ug/mlm
22) T n-Tetracontane (C40)	20.255	2065964	21.958 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

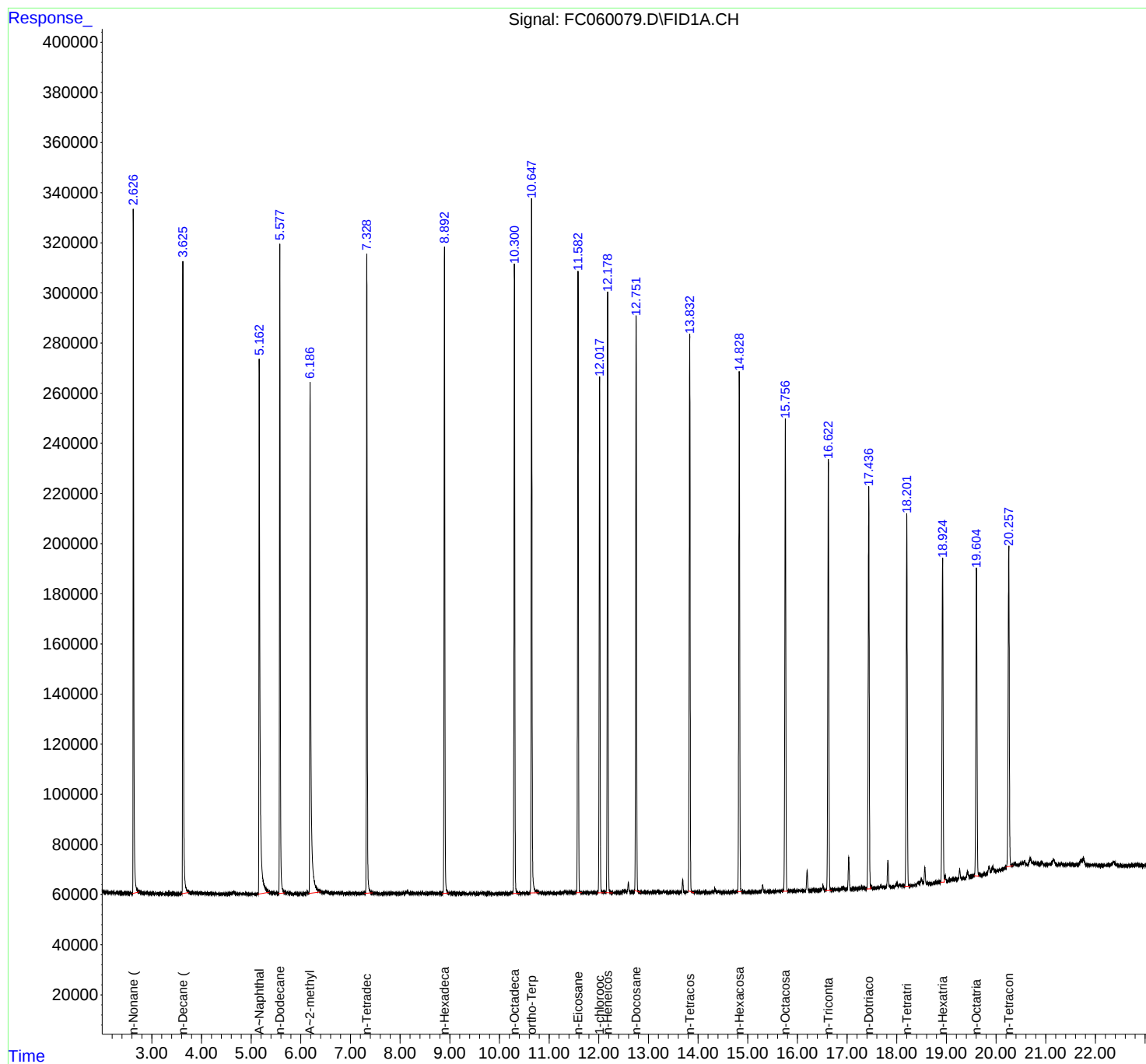
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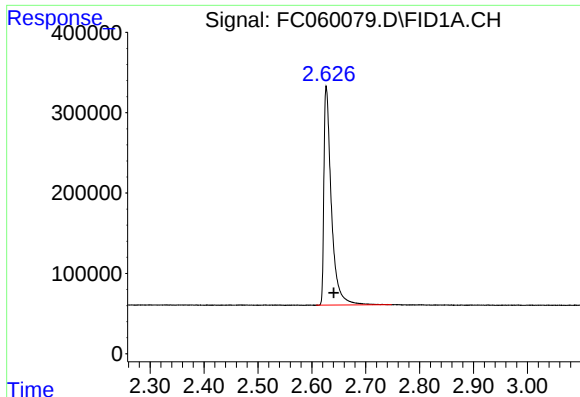
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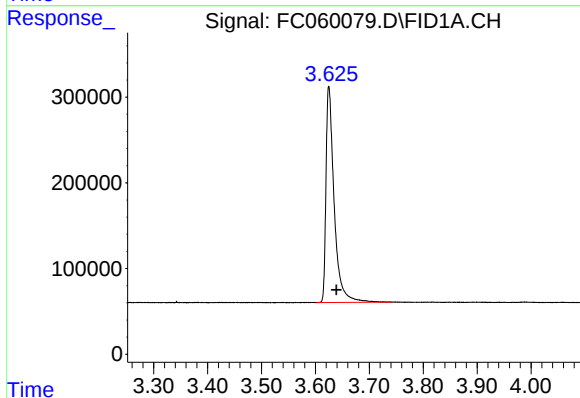
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.013 min
Response: 2626714
Conc: 20.52 ug/ml

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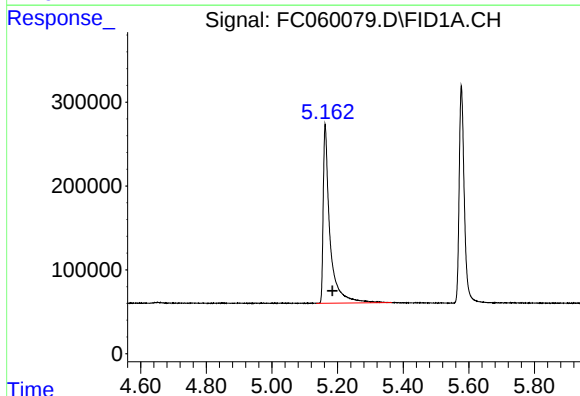
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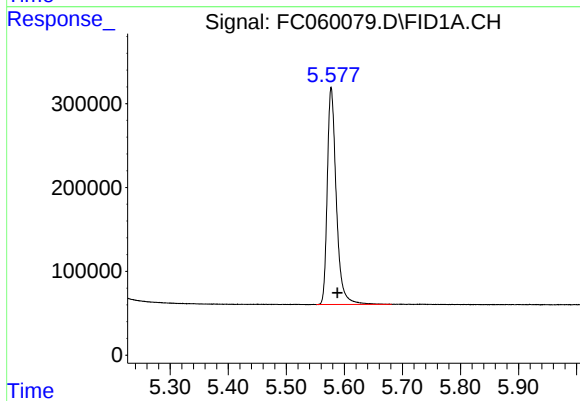
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.013 min
Response: 2663044
Conc: 20.82 ug/ml



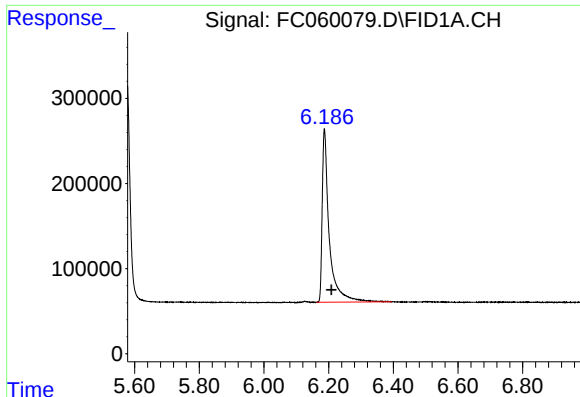
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 3045003
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 2792647
Conc: 20.95 ug/ml



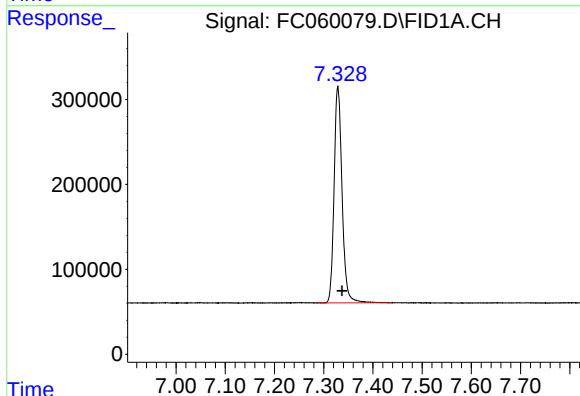
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.021 min
Response: 3099381
Conc: 21.12 ug/ml

Instrument :
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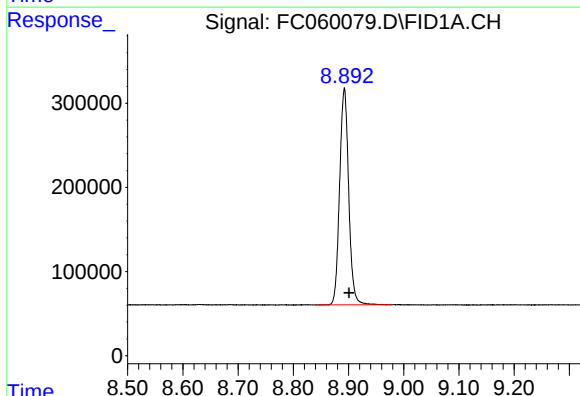
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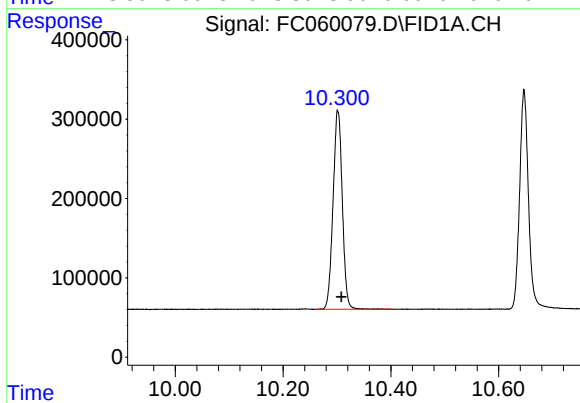
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.008 min
Response: 2866005
Conc: 20.99 ug/ml



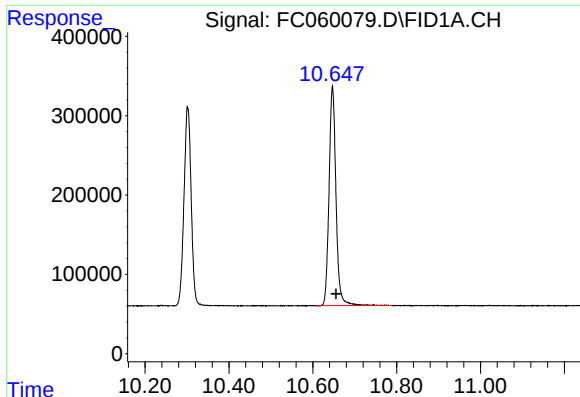
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 2934381
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 2986979
Conc: 20.87 ug/ml



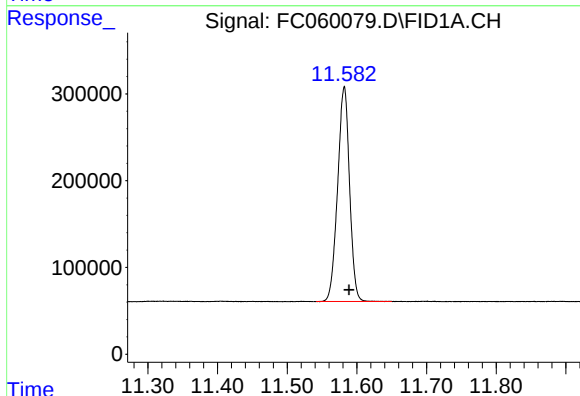
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 3180303
Conc: 20.44 ug/ml

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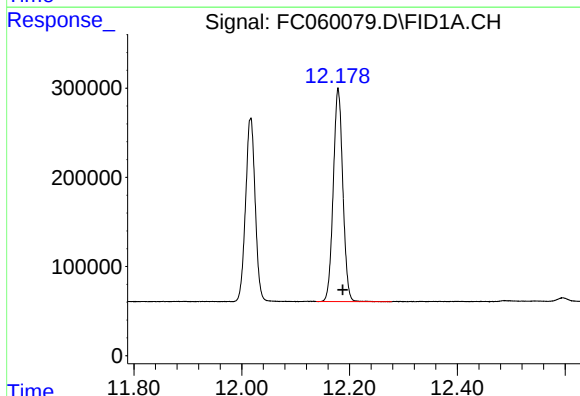
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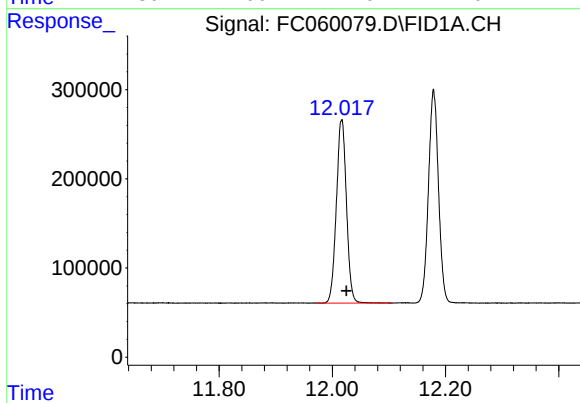
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.007 min
Response: 2945770
Conc: 20.65 ug/ml



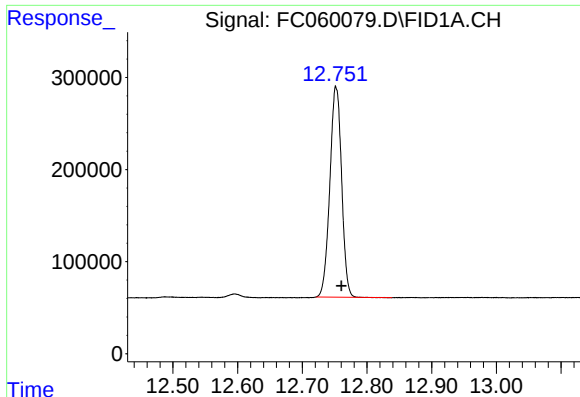
#11 n-Heneicosane (C21)

R.T.: 12.179 min
Delta R.T.: -0.009 min
Response: 2935102
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.008 min
Response: 2544951
Conc: 20.53 ug/ml



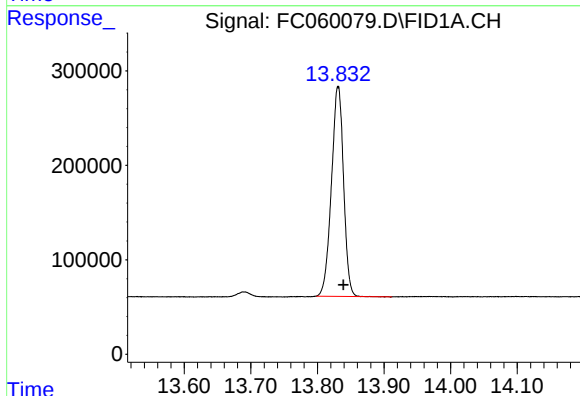
#13 n-Docosane (C22)

R.T.: 12.752 min
Delta R.T.: -0.008 min
Response: 2888366
Conc: 20.27 ug/ml

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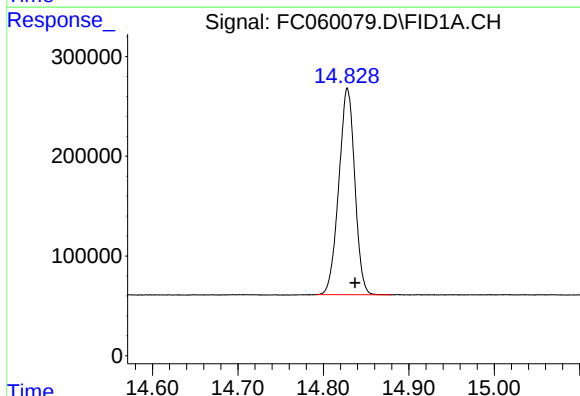
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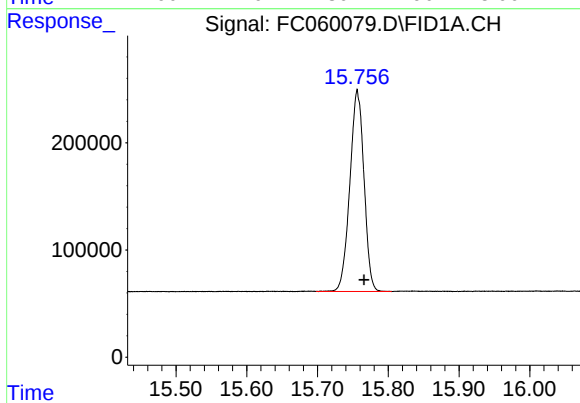
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.008 min
Response: 2809972
Conc: 20.02 ug/ml



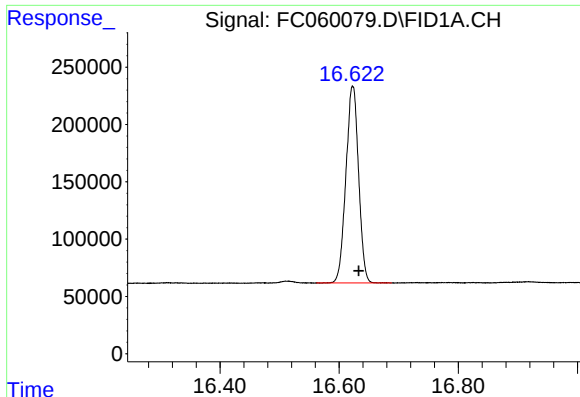
#15 n-Hexacosane (C26)

R.T.: 14.828 min
Delta R.T.: -0.009 min
Response: 2691604
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.756 min
Delta R.T.: -0.010 min
Response: 2602514
Conc: 19.98 ug/ml



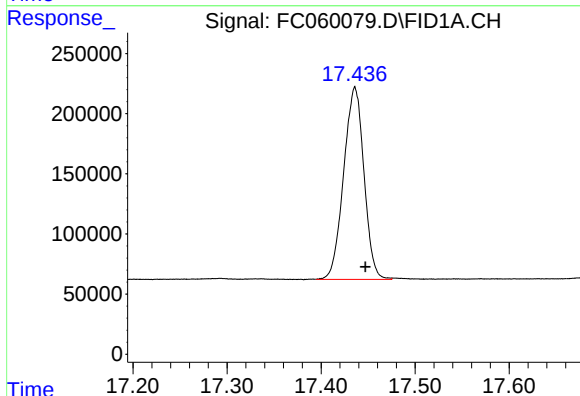
#17 n-Tricontane (C30)

R.T.: 16.623 min
Delta R.T.: -0.010 min
Response: 2536841
Conc: 20.72 ug/ml

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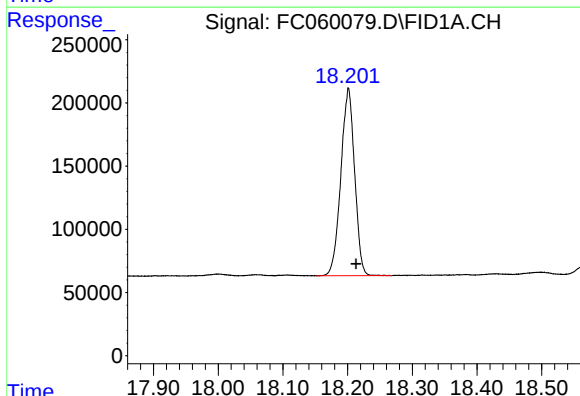
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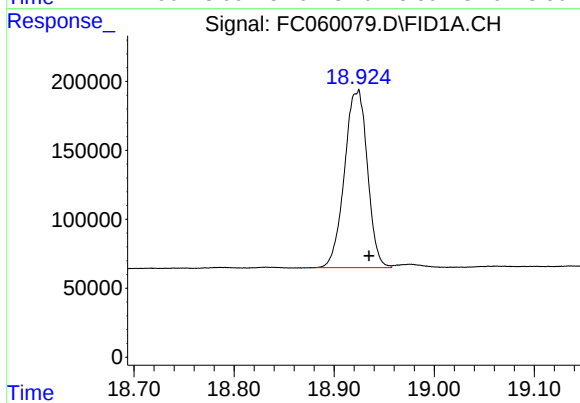
#18 n-Dotriacontane (C32)

R.T.: 17.436 min
Delta R.T.: -0.012 min
Response: 2396306
Conc: 21.49 ug/ml m



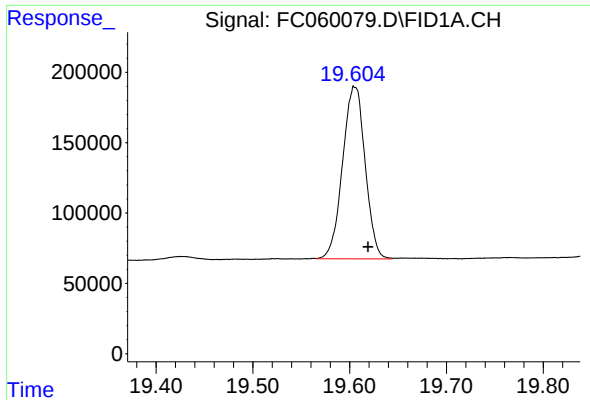
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min
Delta R.T.: -0.012 min
Response: 2190748
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.011 min
Response: 2050524
Conc: 21.65 ug/ml m



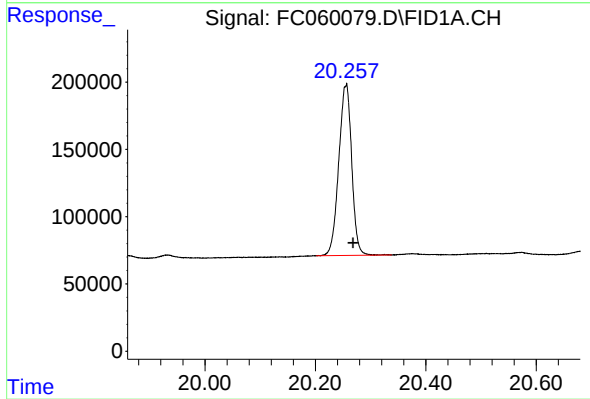
#21 n-Octatriacontane (C38)

R.T.: 19.604 min
Delta R.T.: -0.016 min
Response: 1984606
Conc: 21.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.255 min
Delta R.T.: -0.013 min
Response: 2065964
Conc: 21.96 ug/ml