

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058451.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2022 8:53
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2022
 Supervised By :Ankita Jodhani 02/24/2022

Integration File: autoint1.e
 Quant Time: Feb 24 09:16:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.386	2966024	20.364 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
12) S 1-chlorooctadecane (S...	12.819	2318935	20.458 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	3.242	2431742	20.222 ug/ml
2) T n-Decane (C10)	4.291	2418186	20.321 ug/ml
3) T A~Naphthalene (C11.7)	5.851	2652136	20.435 ug/ml
4) T n-Dodecane (C12)	6.286	2503047	20.347 ug/ml
5) T A~2-methylnaphthalene...	6.895	2671770	20.494 ug/ml
6) T n-Tetradecane (C14)	8.064	2566058	20.478 ug/ml
7) T n-Hexadecane (C16)	9.651	2624741	20.382 ug/ml
8) T n-Octadecane (C18)	11.081	2672793	20.311 ug/ml
10) T n-Eicosane (C20)	12.380	2661702	20.241 ug/ml
11) T n-Heneicosane (C21)	12.988	2665564	20.169 ug/ml
13) T n-Docosane (C22)	13.570	2650373	20.330 ug/ml
14) T n-Tetracosane (C24)	14.665	2628137	20.352 ug/ml
15) T n-Hexacosane (C26)	15.681	2533852	20.484 ug/ml
16) T n-Octacosane (C28)	16.625	2465957	20.716 ug/ml
17) T n-Tricontane (C30)	17.507	2349822	20.876 ug/ml
18) T n-Dotriacontane (C32)	18.335	2193846	20.402 ug/ml
19) T n-Tetratriacontane (C34)	19.115	1977415	20.409 ug/ml
20) T n-Hexatriacontane (C36)	19.851	1845441	20.456 ug/mlm
21) T n-Octatriacontane (C38)	20.554	1774783	20.394 ug/mlm
22) T n-Tetracontane (C40)	21.379	1777584	21.183 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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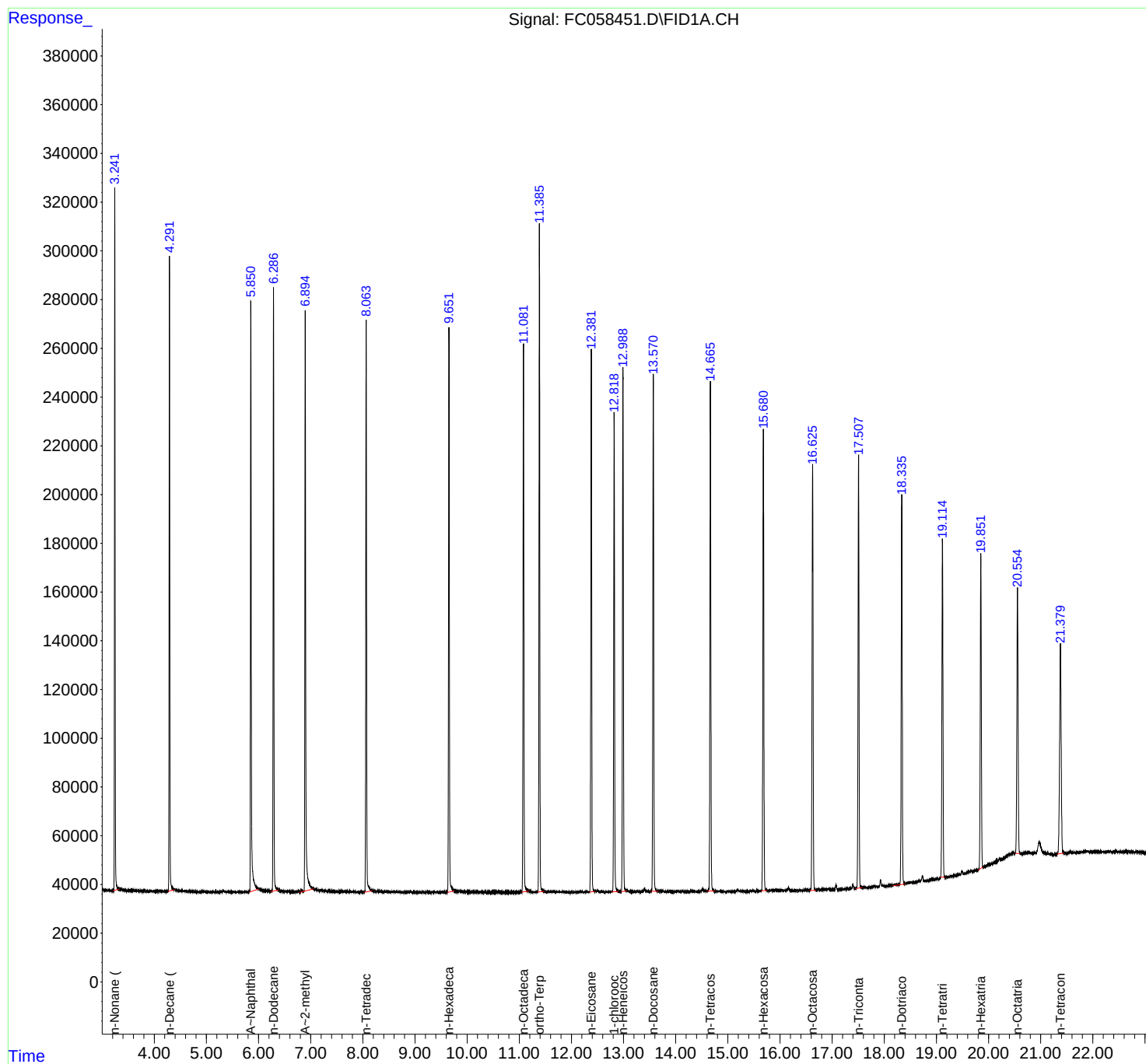
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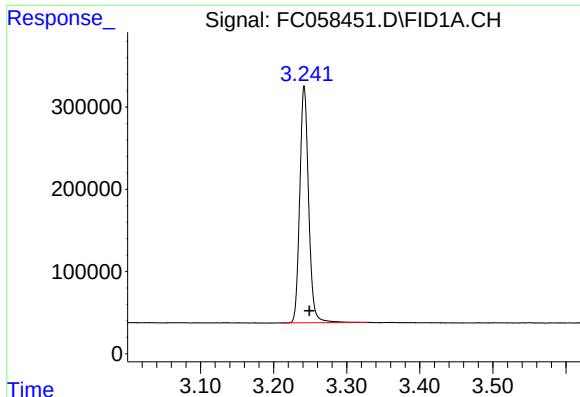
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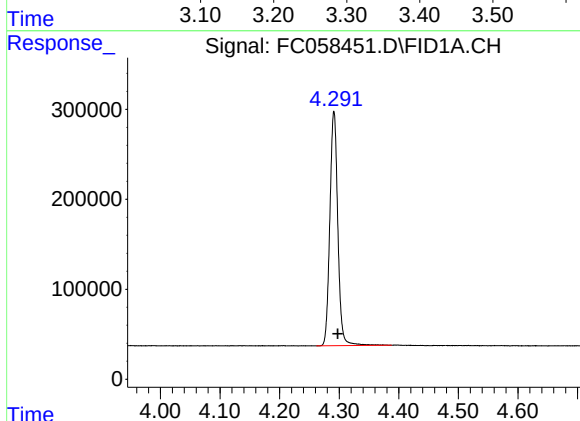
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.007 min
Response: 2431742
Conc: 20.22 ug/ml

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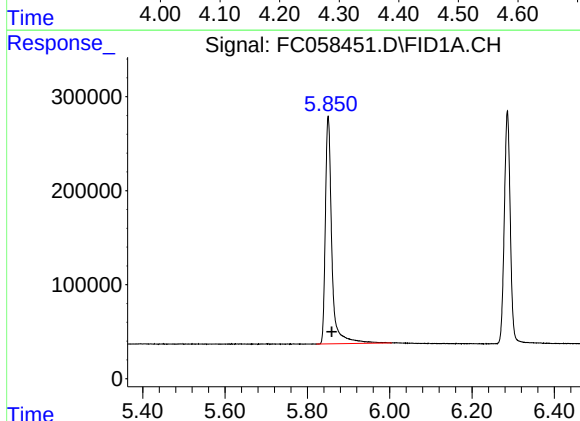
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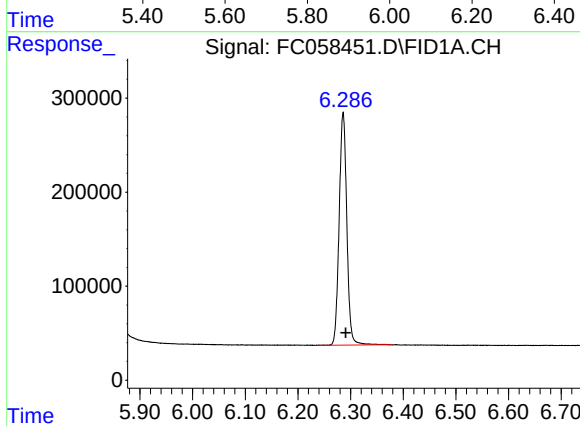
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.006 min
Response: 2418186
Conc: 20.32 ug/ml



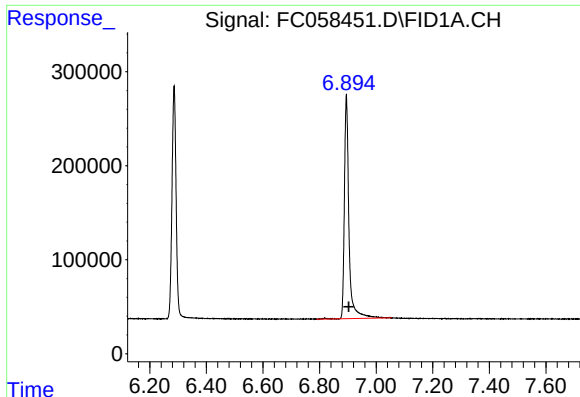
#3 A~Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.008 min
Response: 2652136
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.286 min
Delta R.T.: -0.005 min
Response: 2503047
Conc: 20.35 ug/ml



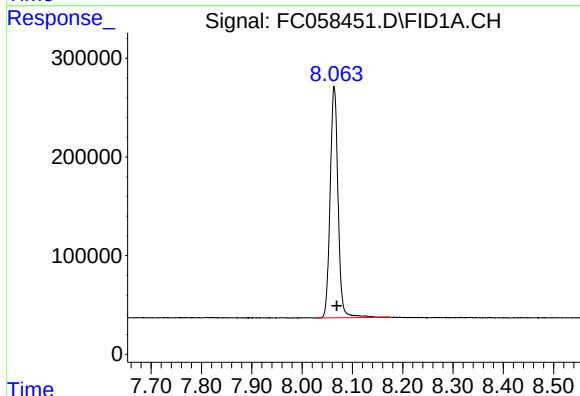
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.895 min
Delta R.T.: -0.008 min
Response: 2671770
Conc: 20.49 ug/ml

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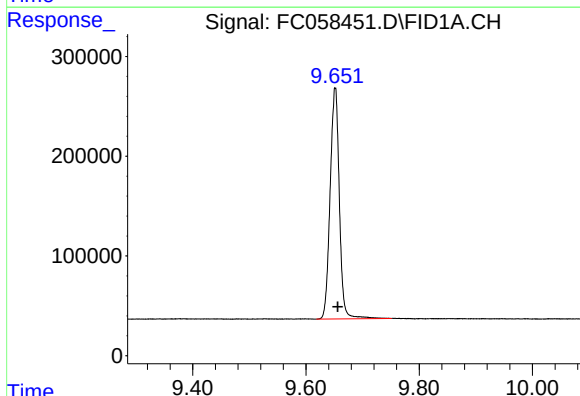
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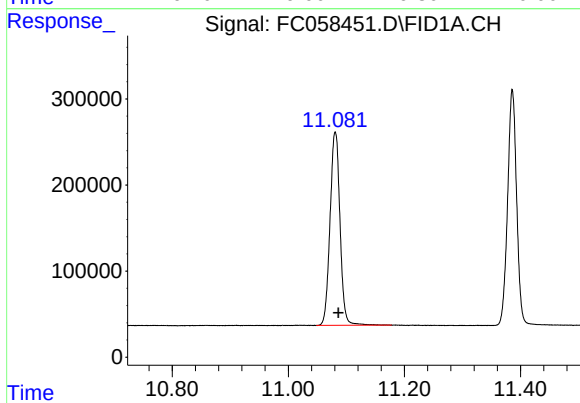
#6 n-Tetradecane (C14)

R.T.: 8.064 min
Delta R.T.: -0.005 min
Response: 2566058
Conc: 20.48 ug/ml



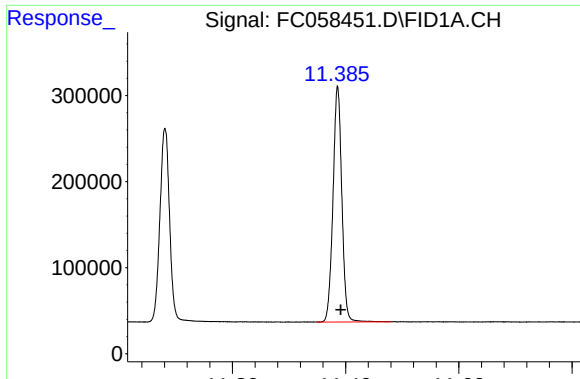
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.005 min
Response: 2624741
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.081 min
Delta R.T.: -0.006 min
Response: 2672793
Conc: 20.31 ug/ml



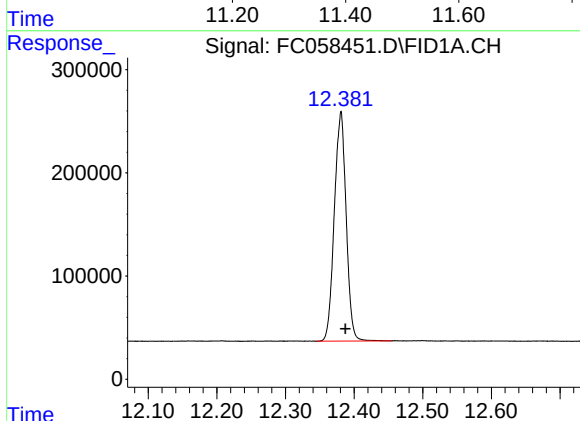
#9 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: -0.005 min
Response: 2966024
Conc: 20.36 ug/ml

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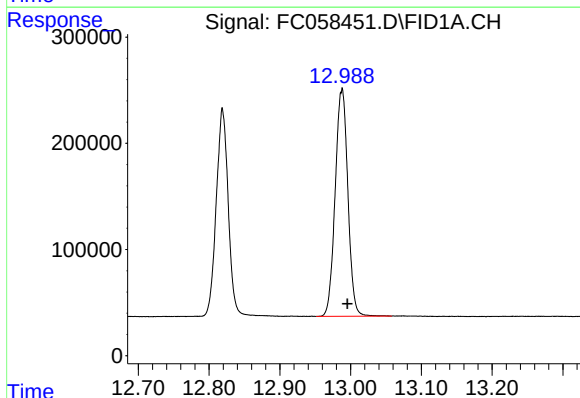
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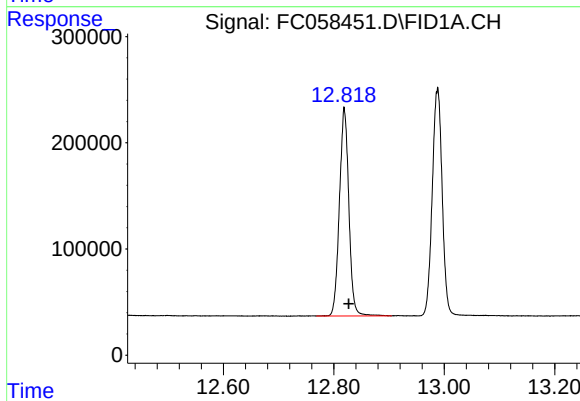
#10 n-Eicosane (C20)

R.T.: 12.380 min
Delta R.T.: -0.007 min
Response: 2661702
Conc: 20.24 ug/ml



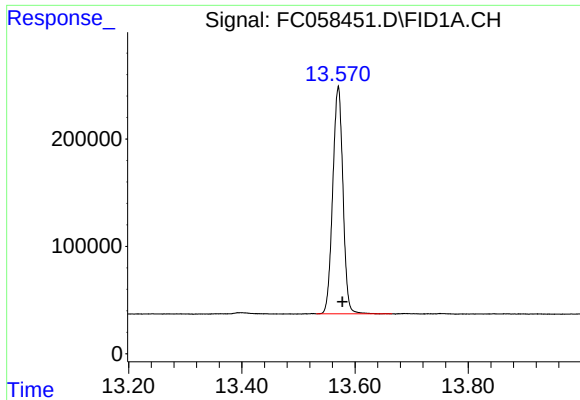
#11 n-Heneicosane (C21)

R.T.: 12.988 min
Delta R.T.: -0.008 min
Response: 2665564
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.819 min
Delta R.T.: -0.008 min
Response: 2318935
Conc: 20.46 ug/ml



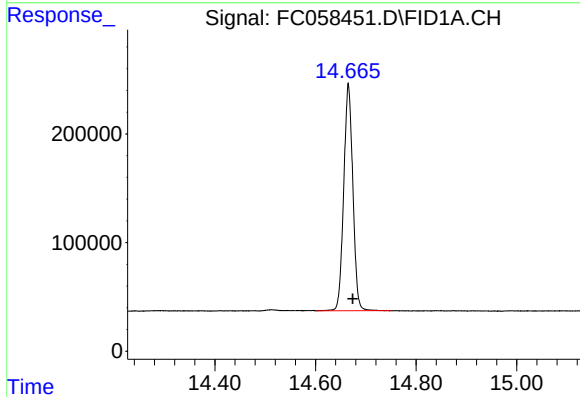
#13 n-Docosane (C22)

R.T.: 13.570 min
Delta R.T.: -0.008 min
Response: 2650373
Conc: 20.33 ug/ml

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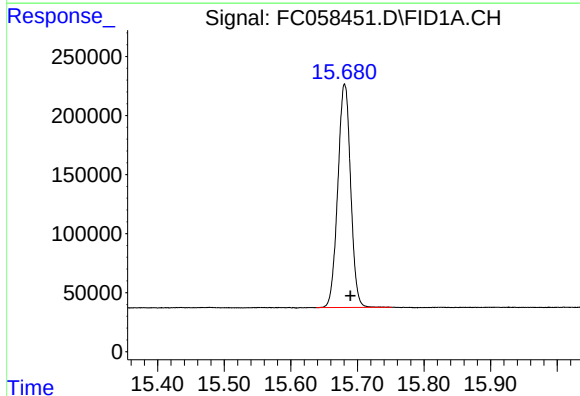
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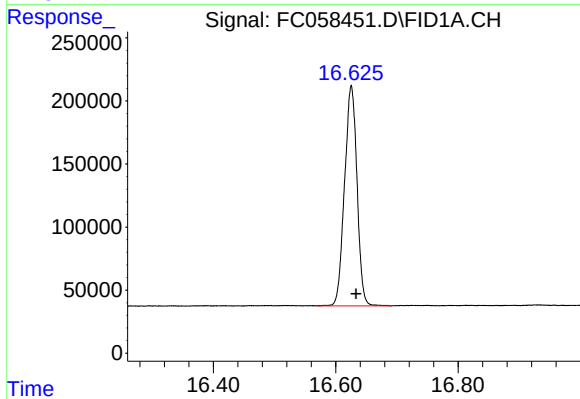
#14 n-Tetracosane (C24)

R.T.: 14.665 min
Delta R.T.: -0.008 min
Response: 2628137
Conc: 20.35 ug/ml



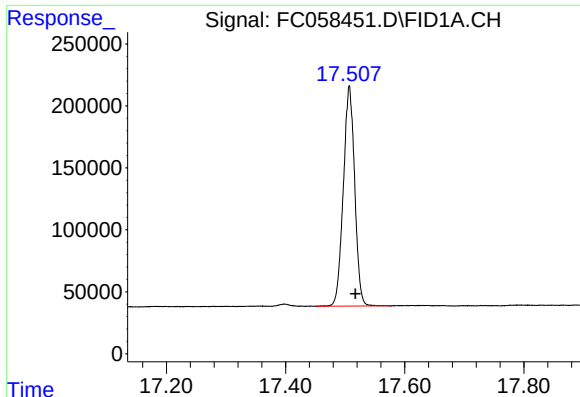
#15 n-Hexacosane (C26)

R.T.: 15.681 min
Delta R.T.: -0.009 min
Response: 2533852
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: -0.008 min
Response: 2465957
Conc: 20.72 ug/ml



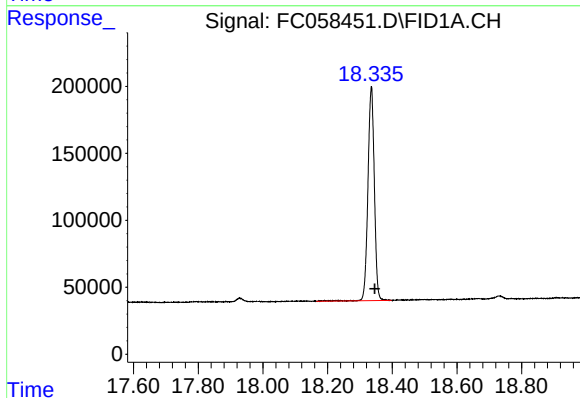
#17 n-Tricontane (C30)

R.T.: 17.507 min
Delta R.T.: -0.010 min
Response: 2349822
Conc: 20.88 ug/ml

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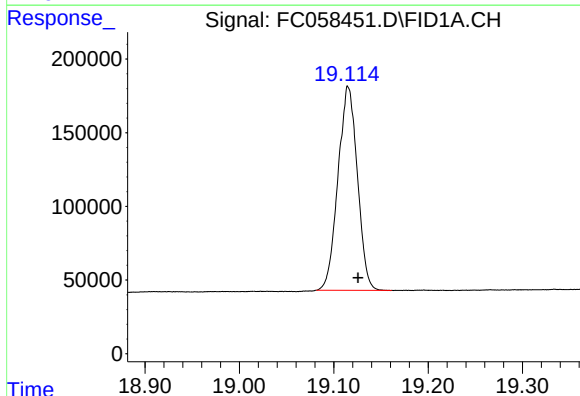
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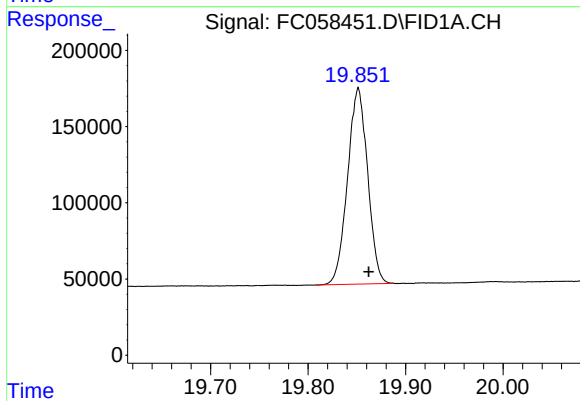
#18 n-Dotriacontane (C32)

R.T.: 18.335 min
Delta R.T.: -0.011 min
Response: 2193846
Conc: 20.40 ug/ml



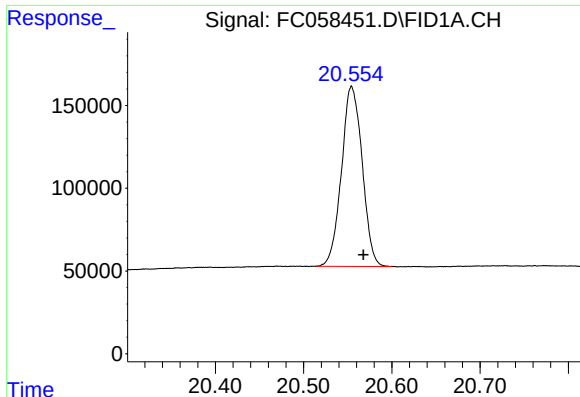
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: -0.010 min
Response: 1977415
Conc: 20.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.851 min
Delta R.T.: -0.011 min
Response: 1845441
Conc: 20.46 ug/ml m



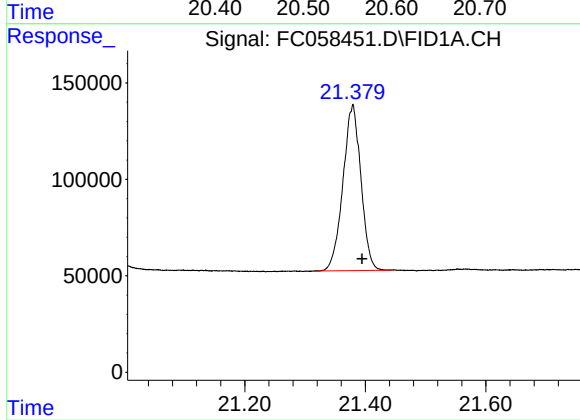
#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: -0.014 min
Response: 1774783
Conc: 20.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.379 min
Delta R.T.: -0.015 min
Response: 1777584
Conc: 21.18 ug/ml m