

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
 Data File : FC063916.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 15:52
 Operator : YP/AJ
 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 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
 Quant Time: Jun 21 02:32:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.523	3494518	19.150 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	12.958	2499647	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.309	3227542	20.250 ug/ml
2) T n-Decane (C10)	4.371	3278576	20.282 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3370308	19.400 ug/ml
4) T n-Dodecane (C12)	6.384	3248480	19.867 ug/ml
5) T A~2-methylnaphthalene...	7.006	3181332	19.419 ug/ml
6) T n-Tetradecane (C14)	8.175	3104934	19.743 ug/ml
7) T n-Hexadecane (C16)	9.772	3104802	19.510 ug/ml
8) T n-Octadecane (C18)	11.210	3093286	19.550 ug/ml
10) T n-Eicosane (C20)	12.516	2915168	19.711 ug/ml
11) T n-Heneicosane (C21)	13.126	2839773	19.728 ug/ml
13) T n-Docosane (C22)	13.712	2794698	19.838 ug/ml
14) T n-Tetracosane (C24)	14.810	2748918	20.033 ug/ml
15) T n-Hexacosane (C26)	15.828	2694894	20.324 ug/ml
16) T n-Octacosane (C28)	16.775	2658200	20.934 ug/ml
17) T n-Tricontane (C30)	17.659	2781582	21.771 ug/ml
18) T n-Dotriacontane (C32)	18.488	2796232	22.472 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2739364	22.217 ug/ml
20) T n-Hexatriacontane (C36)	20.005	2649601	22.076 ug/mlm
21) T n-Octatriacontane (C38)	20.729	2659822	22.031 ug/ml
22) T n-Tetracontane (C40)	21.618	2602963	21.482 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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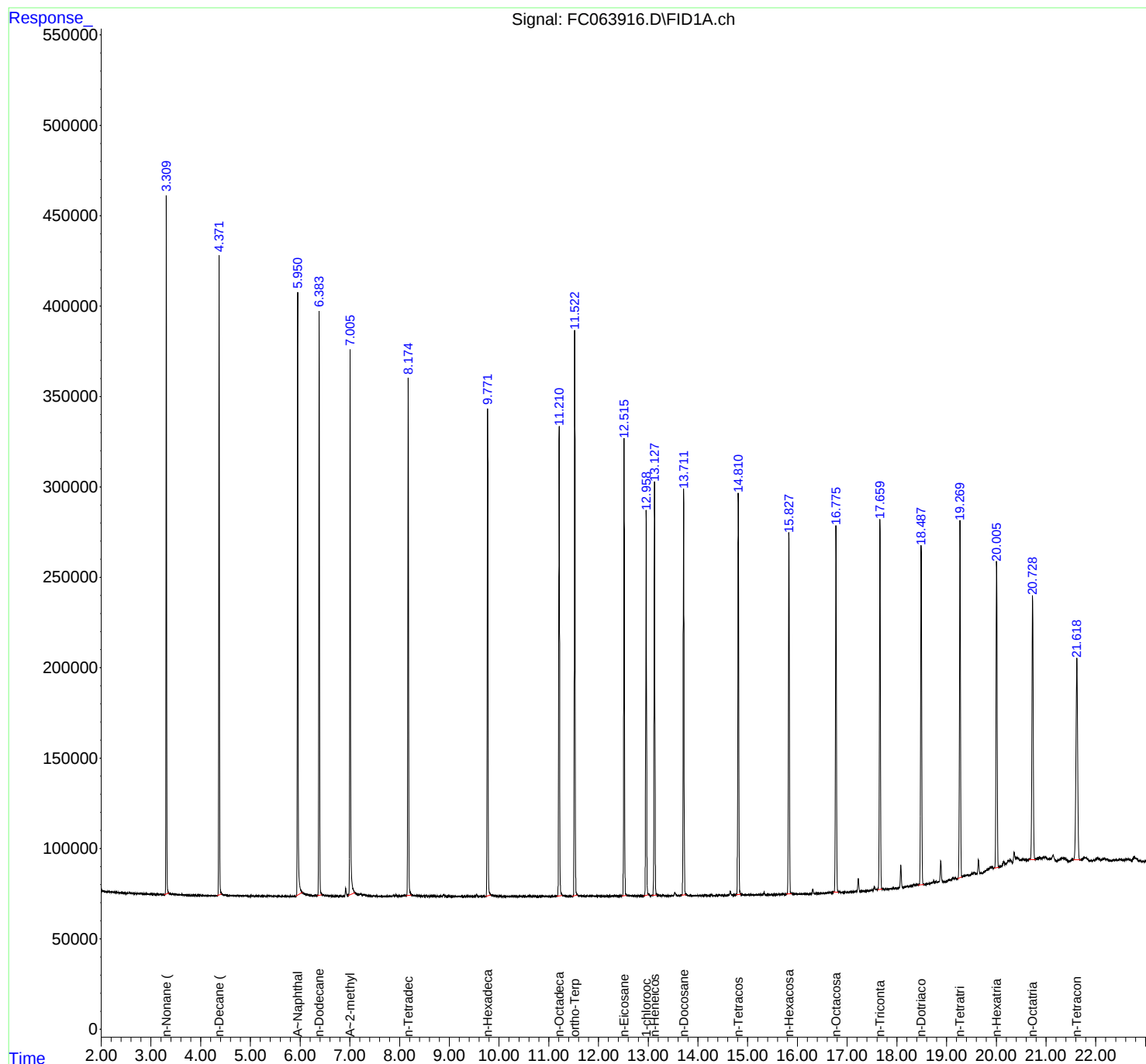
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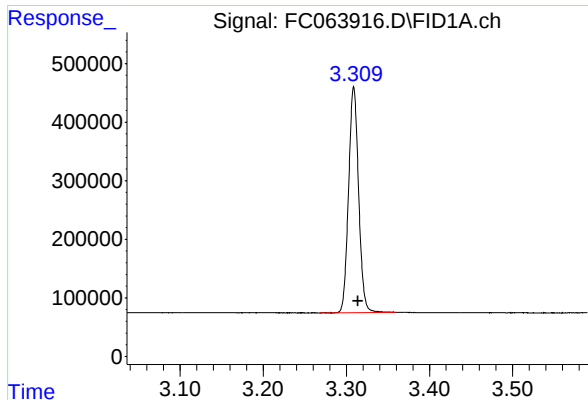
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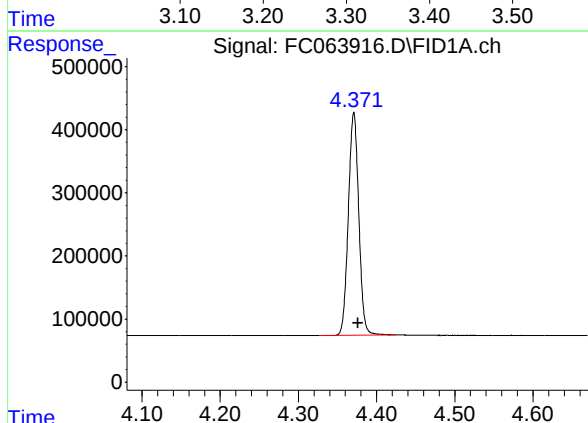
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.005 min
Response: 3227542
Conc: 20.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

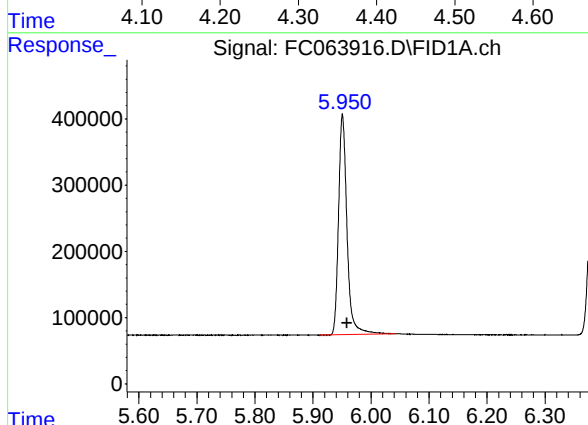
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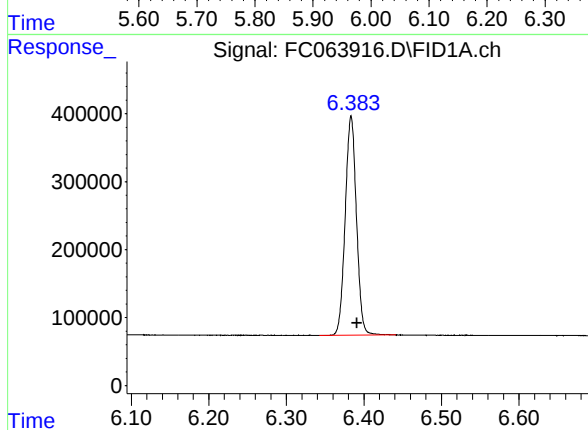
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.005 min
Response: 3278576
Conc: 20.28 ug/ml



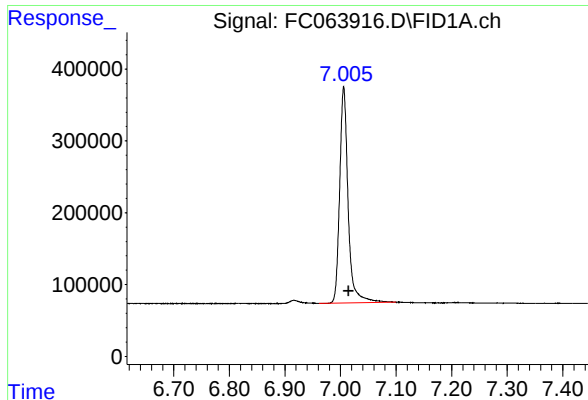
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 3370308
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 3248480
Conc: 19.87 ug/ml



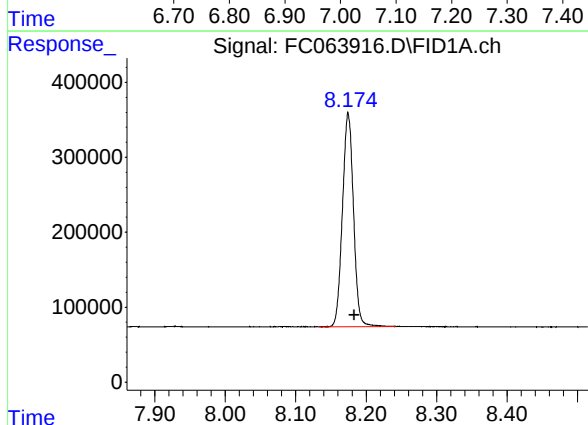
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: -0.008 min
Response: 3181332
Conc: 19.42 ug/ml

Instrument :
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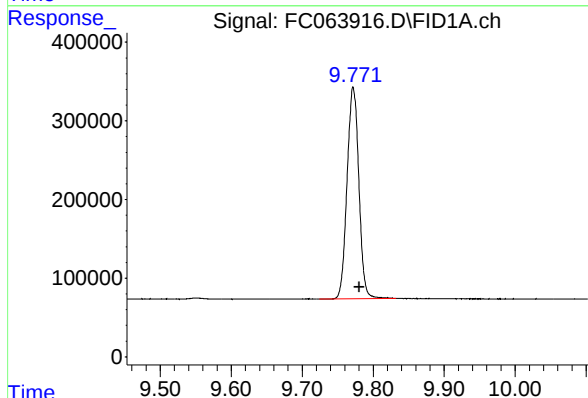
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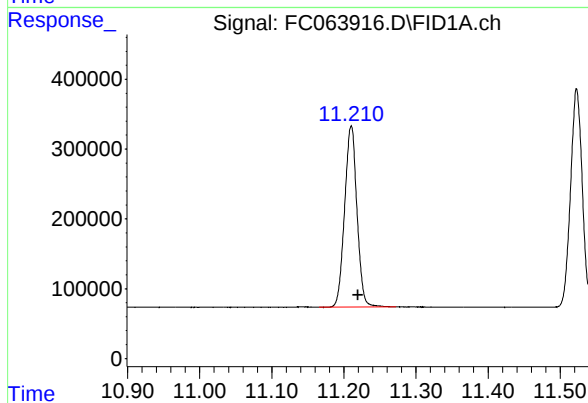
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.008 min
Response: 3104934
Conc: 19.74 ug/ml



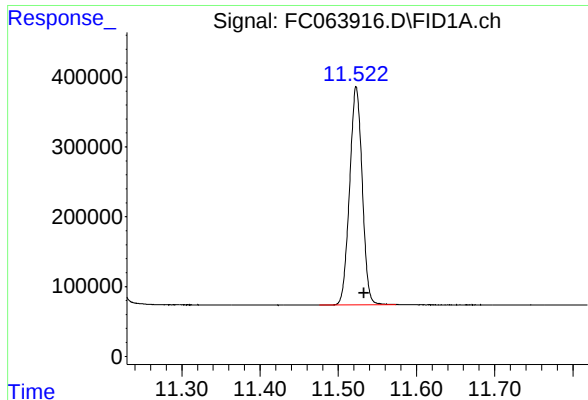
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.009 min
Response: 3104802
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.010 min
Response: 3093286
Conc: 19.55 ug/ml



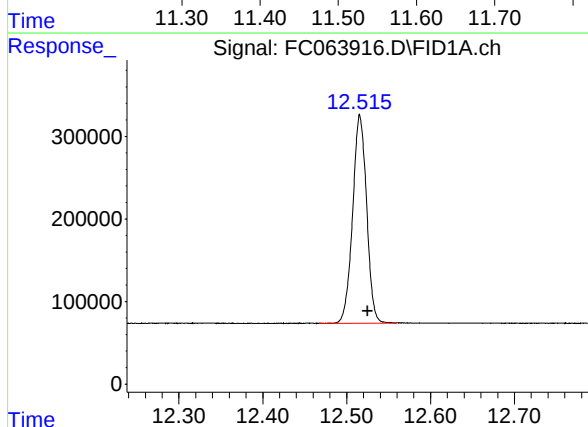
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.010 min
Response: 3494518
Conc: 19.15 ug/ml

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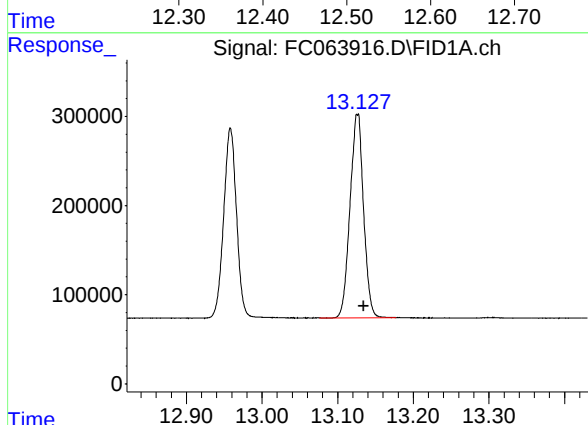
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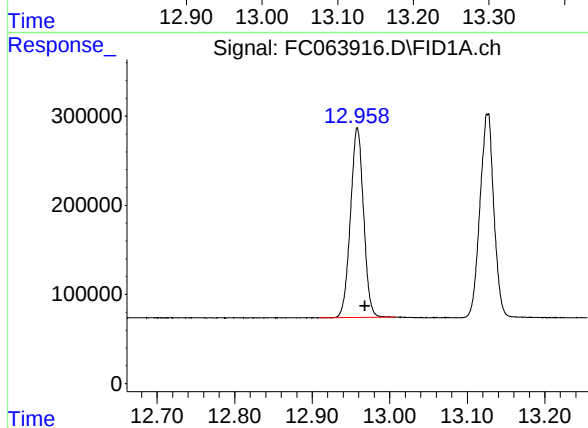
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.009 min
Response: 2915168
Conc: 19.71 ug/ml



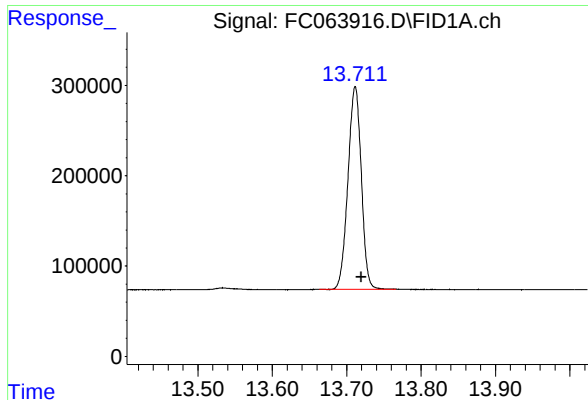
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.008 min
Response: 2839773
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.009 min
Response: 2499647
Conc: 19.56 ug/ml



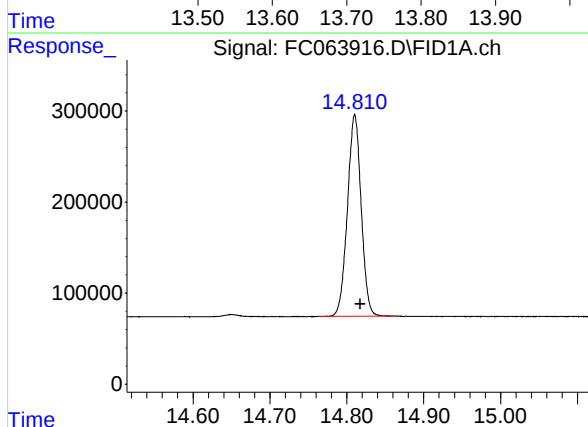
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: -0.008 min
Response: 2794698
Conc: 19.84 ug/ml

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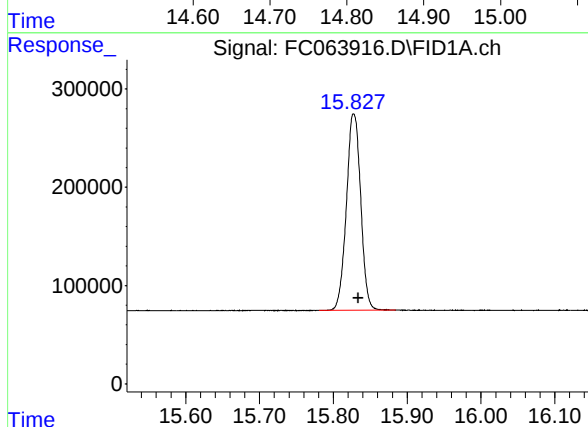
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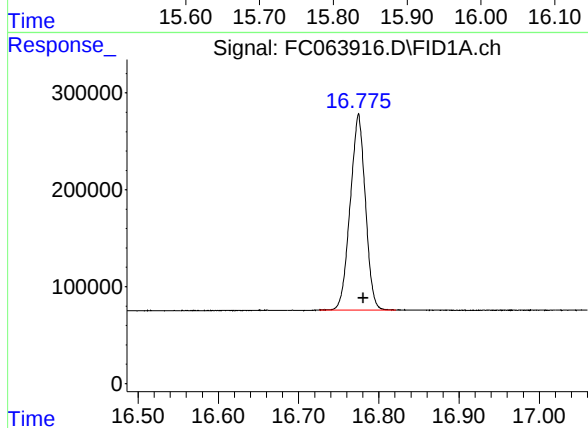
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.007 min
Response: 2748918
Conc: 20.03 ug/ml



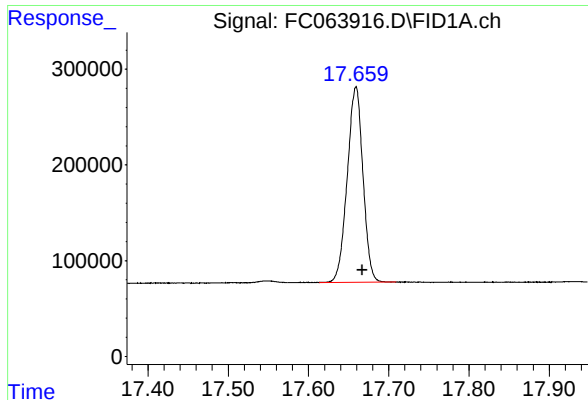
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.006 min
Response: 2694894
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.006 min
Response: 2658200
Conc: 20.93 ug/ml



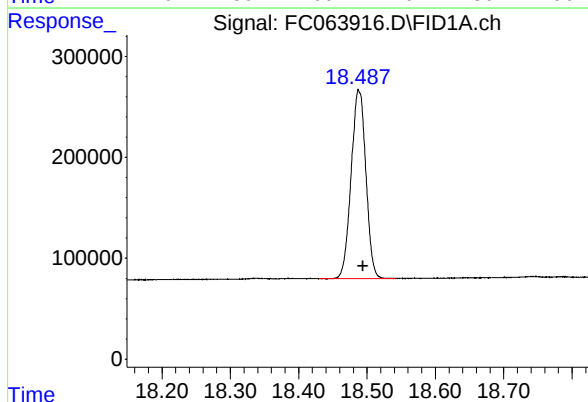
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.008 min
Response: 2781582
Conc: 21.77 ug/ml

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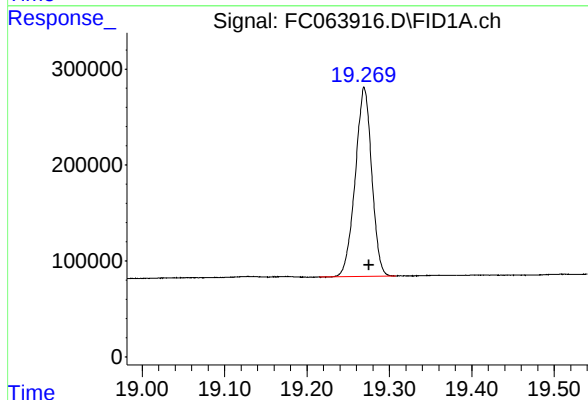
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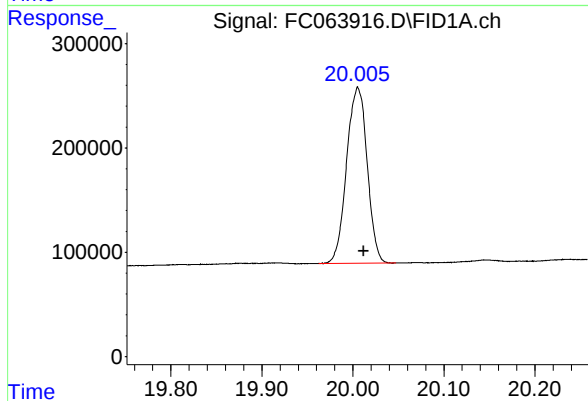
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.006 min
Response: 2796232
Conc: 22.47 ug/ml



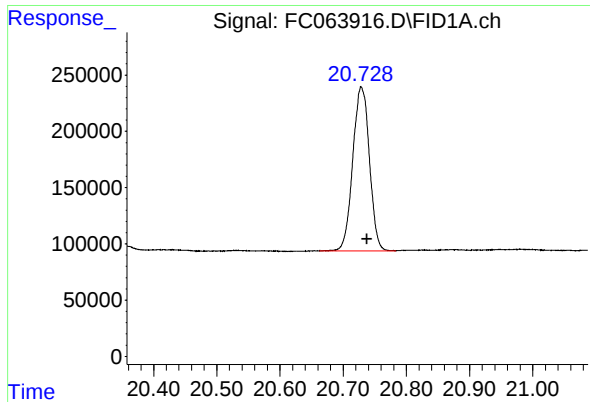
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.006 min
Response: 2739364
Conc: 22.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.007 min
Response: 2649601
Conc: 22.08 ug/ml m



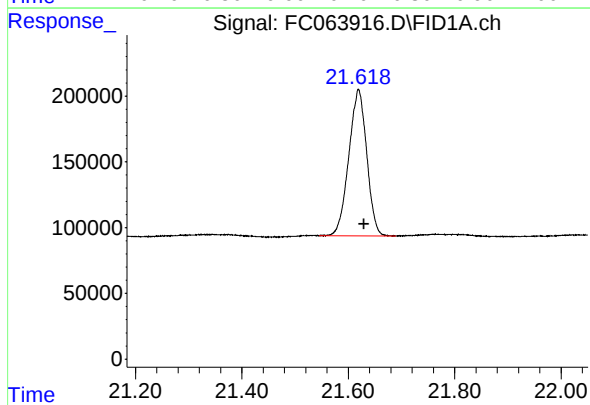
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.009 min
Response: 2659822
Conc: 22.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.011 min
Response: 2602963
Conc: 21.48 ug/ml m