

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
 Data File : FC063907.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 09:20
 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 20 16:35:49 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	3494071	19.147 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	12.958	2501456	19.577 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T n-Nonane (C9)	3.304	3162647	19.843 ug/ml
2) T n-Decane (C10)	4.368	3224912	19.950 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3356002	19.318 ug/ml
4) T n-Dodecane (C12)	6.383	3223189	19.712 ug/ml
5) T A~2-methylnaphthalene...	7.004	3201997	19.546 ug/ml
6) T n-Tetradecane (C14)	8.174	3115921	19.812 ug/ml
7) T n-Hexadecane (C16)	9.771	3130948	19.674 ug/ml
8) T n-Octadecane (C18)	11.211	3121379	19.727 ug/ml
10) T n-Eicosane (C20)	12.516	2927855	19.797 ug/ml
11) T n-Heneicosane (C21)	13.126	2852224	19.815 ug/ml
13) T n-Docosane (C22)	13.710	2804058	19.905 ug/ml
14) T n-Tetracosane (C24)	14.808	2751885	20.055 ug/ml
15) T n-Hexacosane (C26)	15.828	2691077	20.296 ug/ml
16) T n-Octacosane (C28)	16.773	2657695	20.930 ug/ml
17) T n-Tricontane (C30)	17.658	2777103	21.736 ug/ml
18) T n-Dotriacontane (C32)	18.487	2788985	22.413 ug/ml
19) T n-Tetratriacontane (C34)	19.268	2733584	22.170 ug/ml
20) T n-Hexatriacontane (C36)	20.006	2649399	22.074 ug/ml
21) T n-Octatriacontane (C38)	20.732	2637737	21.848 ug/ml
22) T n-Tetracontane (C40)	21.618	2600735	21.464 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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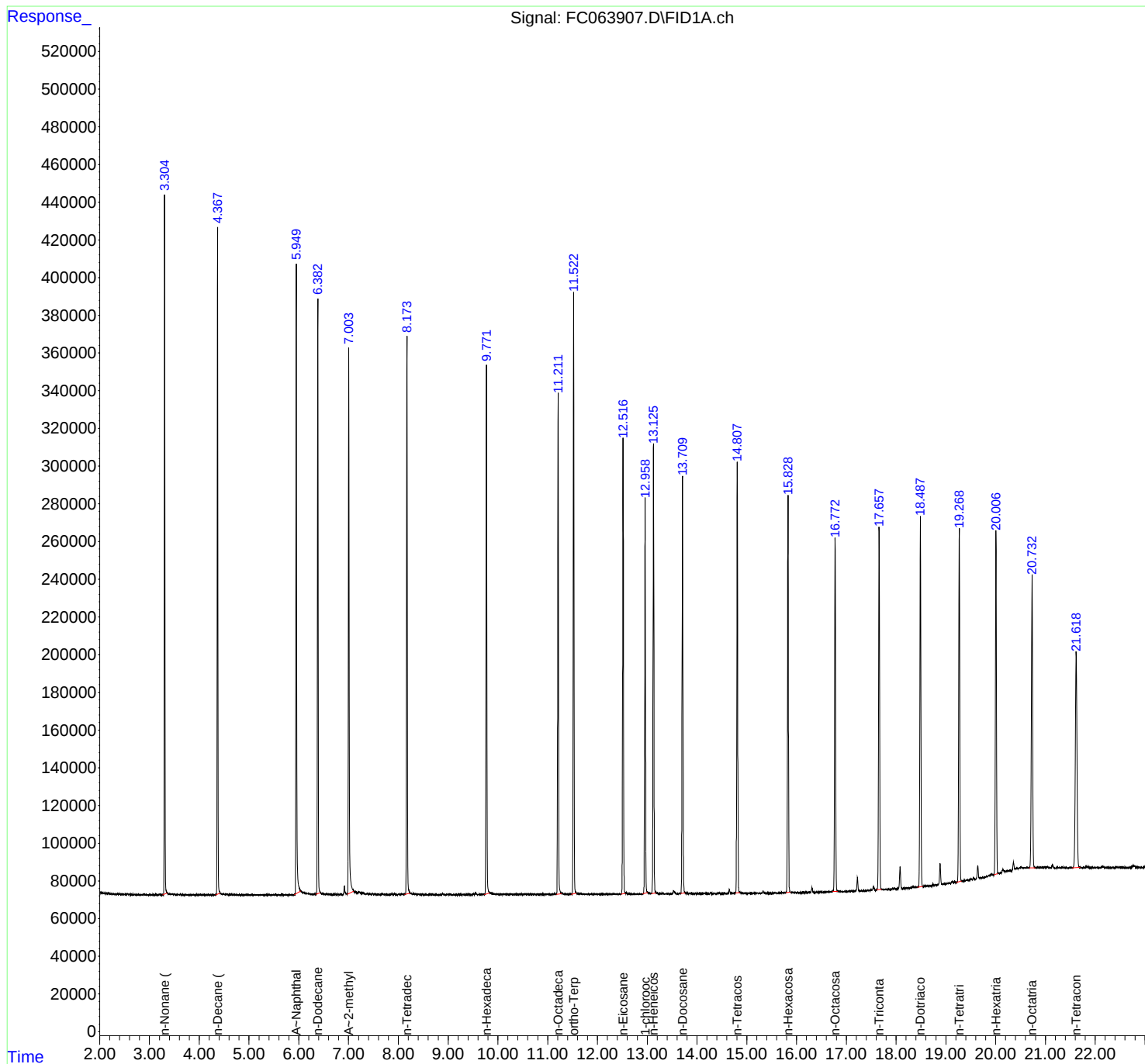
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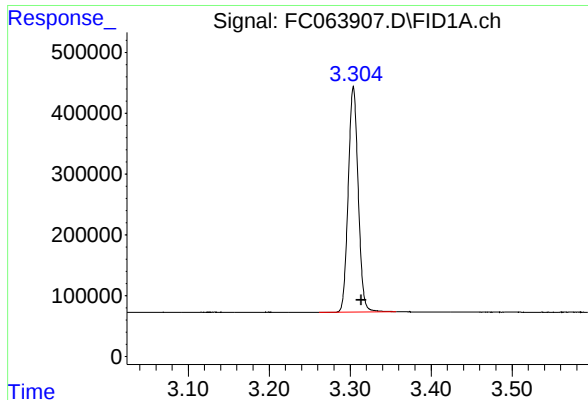
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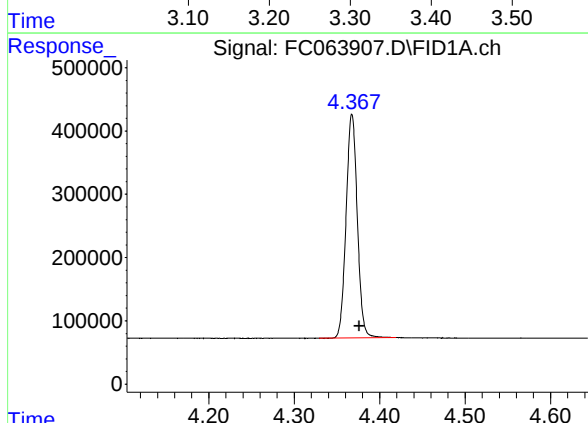
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.010 min
Response: 3162647
Conc: 19.84 ug/ml

Instrument : FID_C
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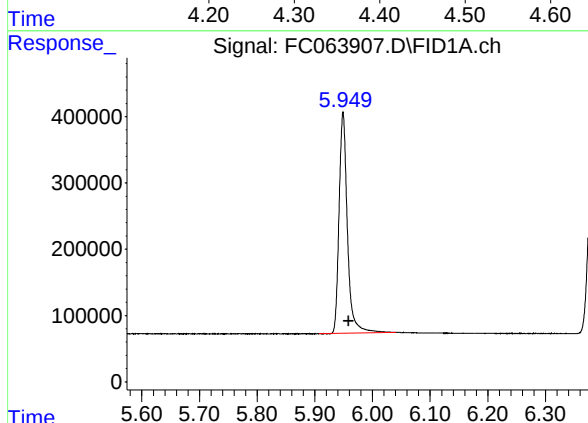
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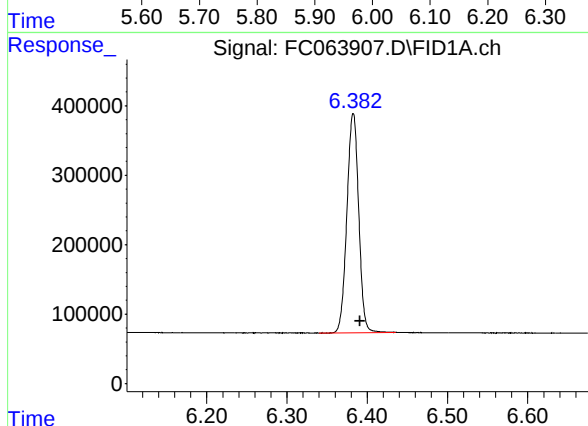
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.009 min
Response: 3224912
Conc: 19.95 ug/ml



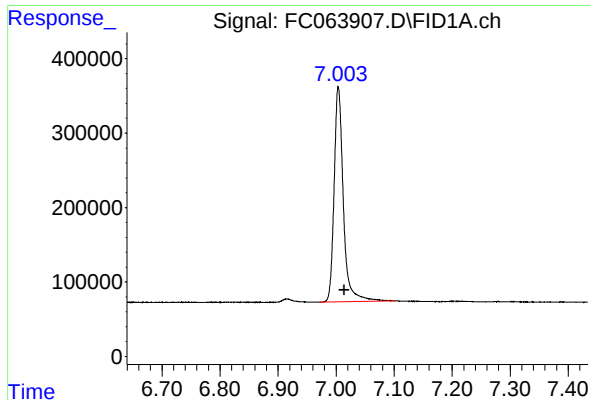
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 3356002
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.008 min
Response: 3223189
Conc: 19.71 ug/ml



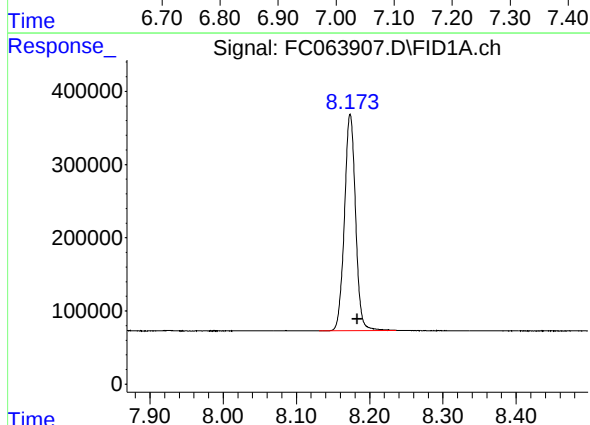
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 3201997
Conc: 19.55 ug/ml

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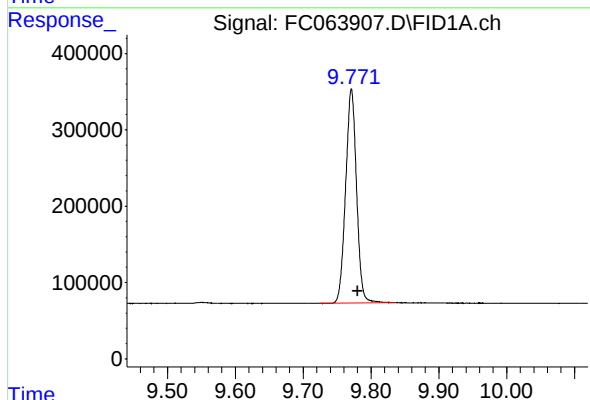
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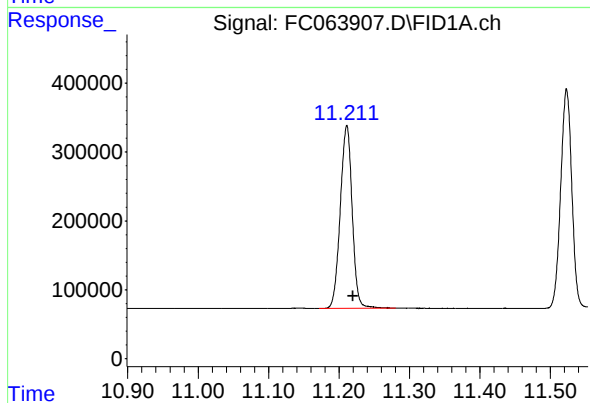
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.009 min
Response: 3115921
Conc: 19.81 ug/ml



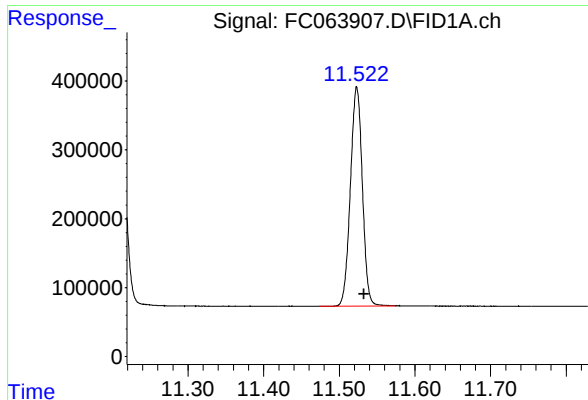
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.010 min
Response: 3130948
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: -0.009 min
Response: 3121379
Conc: 19.73 ug/ml



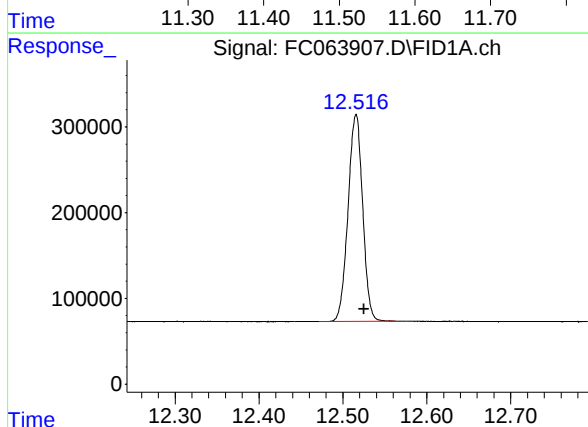
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.010 min
Response: 3494071
Conc: 19.15 ug/ml

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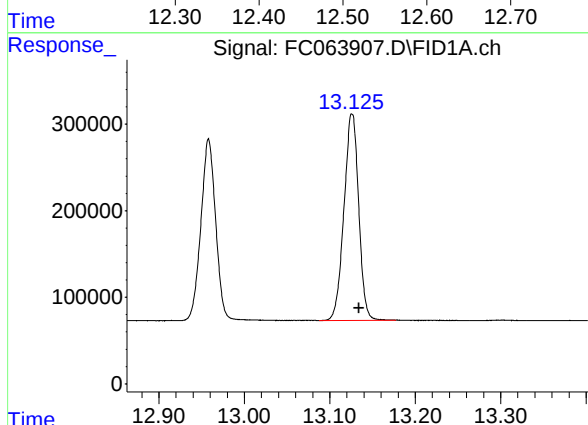
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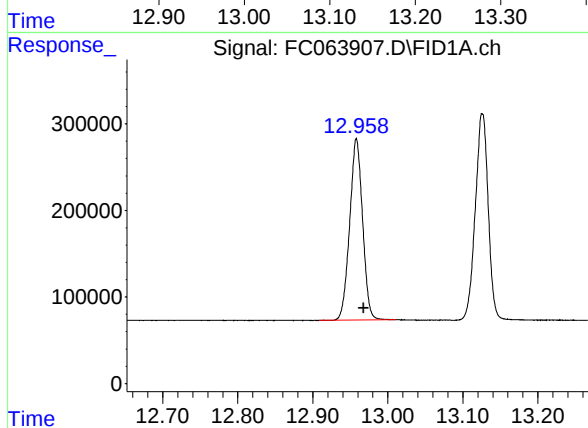
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.009 min
Response: 2927855
Conc: 19.80 ug/ml



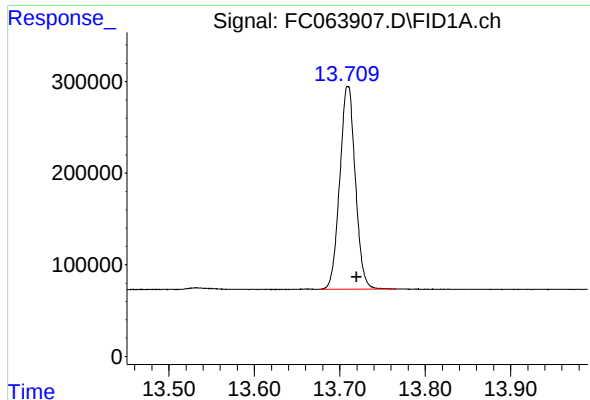
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.008 min
Response: 2852224
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.010 min
Response: 2501456
Conc: 19.58 ug/ml



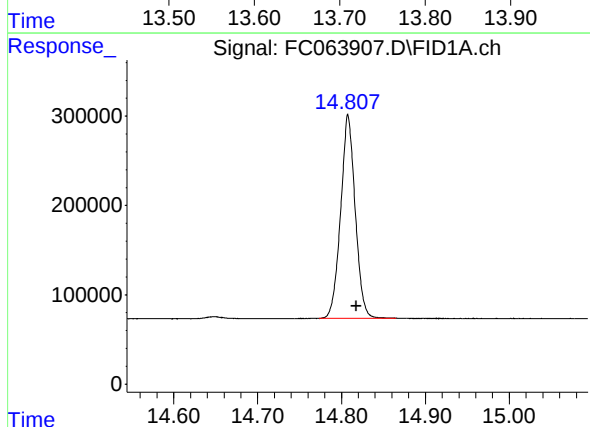
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.010 min
Response: 2804058
Conc: 19.90 ug/ml

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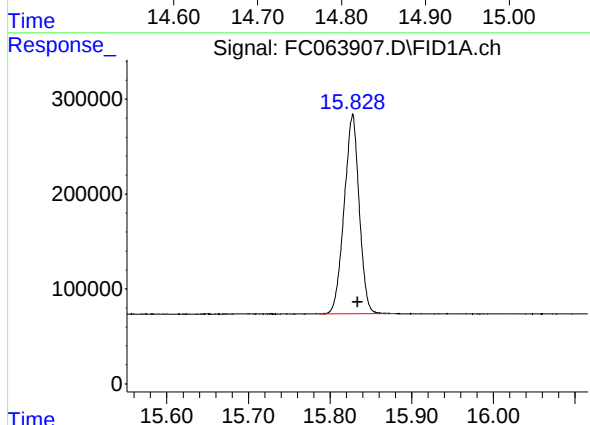
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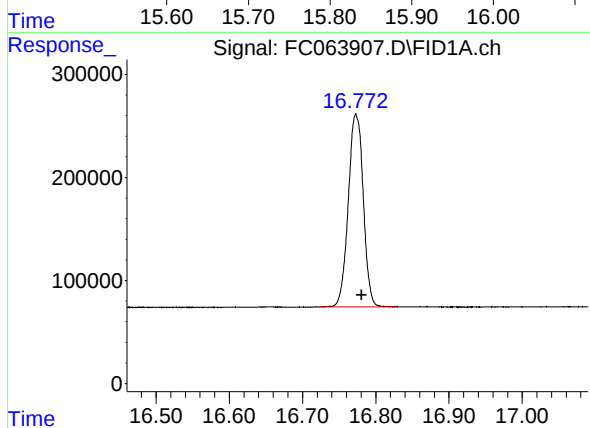
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.010 min
Response: 2751885
Conc: 20.05 ug/ml



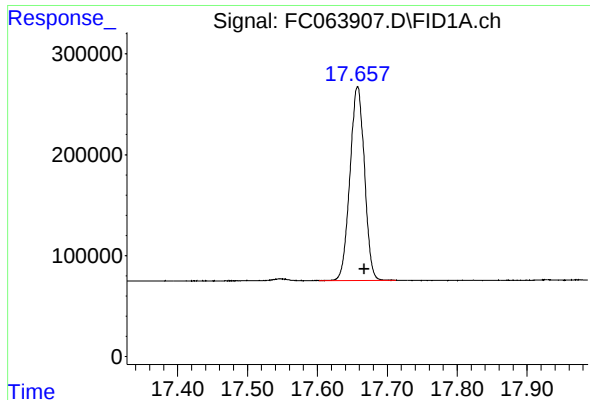
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.006 min
Response: 2691077
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: -0.008 min
Response: 2657695
Conc: 20.93 ug/ml



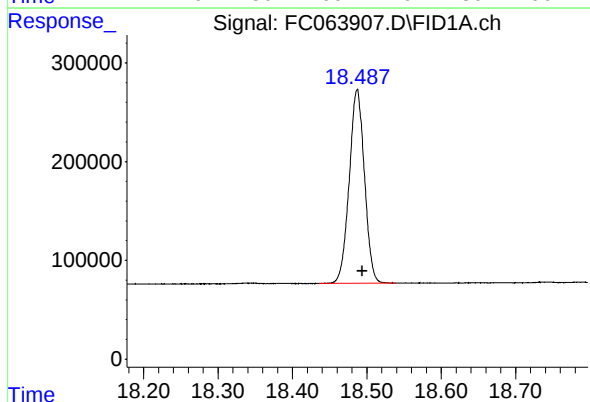
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.010 min
Response: 2777103
Conc: 21.74 ug/ml

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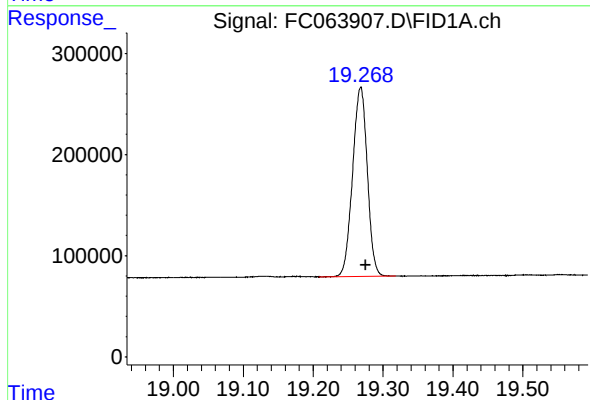
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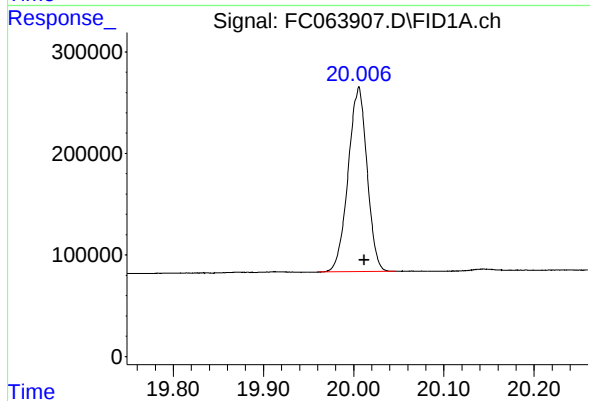
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.007 min
Response: 2788985
Conc: 22.41 ug/ml



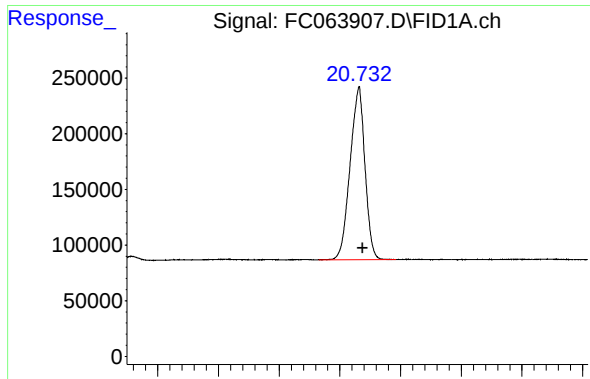
#19 n-Tetatriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.007 min
Response: 2733584
Conc: 22.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.006 min
Response: 2649399
Conc: 22.07 ug/ml m



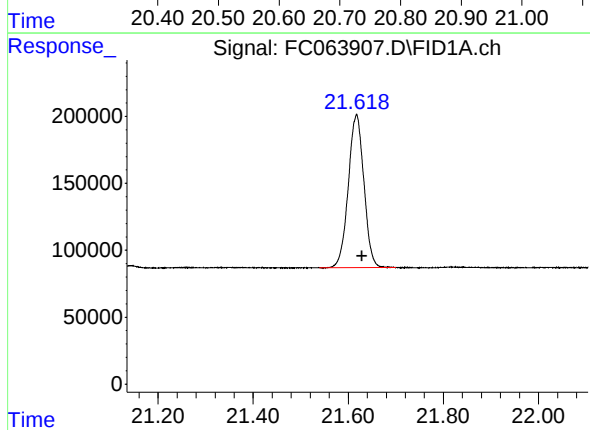
#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.006 min
Response: 2637737
Conc: 21.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.011 min
Response: 2600735
Conc: 21.46 ug/ml