

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042423AL\
 Data File : FC063453.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2023 09:00
 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 04/25/2023
 Supervised By :Ankita Jodhani 04/25/2023

Integration File: autoint1.e
 Quant Time: Apr 25 02:46:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.539	2955534	19.425 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	12.975	2187259	19.768 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
Target Compounds			
1) T n-Nonane (C9)	3.302	2688928	19.152 ug/ml
2) T n-Decane (C10)	4.370	2658322	19.508 ug/ml
3) T A~Naphthalene (C11.7)	5.956	2929682	19.402 ug/ml
4) T n-Dodecane (C12)	6.390	2654766	19.734 ug/ml
5) T A~2-methylnaphthalene...	7.014	2712949	19.478 ug/ml
6) T n-Tetradecane (C14)	8.185	2615235	19.318 ug/ml
7) T n-Hexadecane (C16)	9.784	2659236	19.583 ug/ml
8) T n-Octadecane (C18)	11.225	2679403	19.344 ug/ml
10) T n-Eicosane (C20)	12.531	2608074	19.412 ug/ml
11) T n-Heneicosane (C21)	13.142	2608139	19.379 ug/ml
13) T n-Docosane (C22)	13.728	2578599	19.336 ug/ml
14) T n-Tetracosane (C24)	14.828	2669298	19.853 ug/ml
15) T n-Hexacosane (C26)	15.847	2624724	19.609 ug/ml
16) T n-Octacosane (C28)	16.795	2677420	19.774 ug/ml
17) T n-Tricontane (C30)	17.680	2821301	20.395 ug/ml
18) T n-Dotriacontane (C32)	18.511	2900742	20.547 ug/ml
19) T n-Tetratriacontane (C34)	19.295	2811838	20.375 ug/ml
20) T n-Hexatriacontane (C36)	20.031	2674830	20.927 ug/ml
21) T n-Octatriacontane (C38)	20.760	2571737	20.886 ug/ml
22) T n-Tetracontane (C40)	21.660	2539132	21.577 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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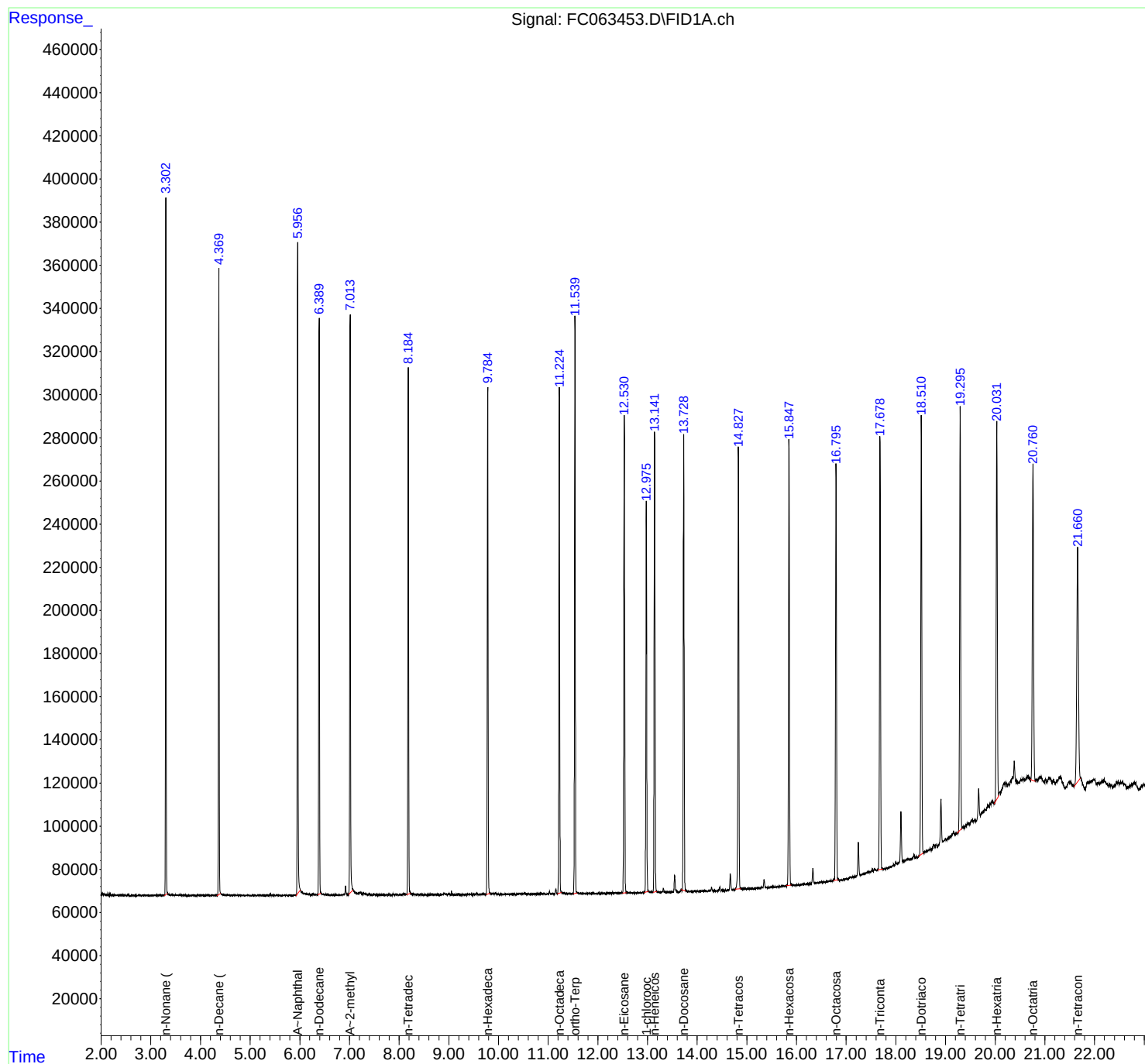
Instrument :
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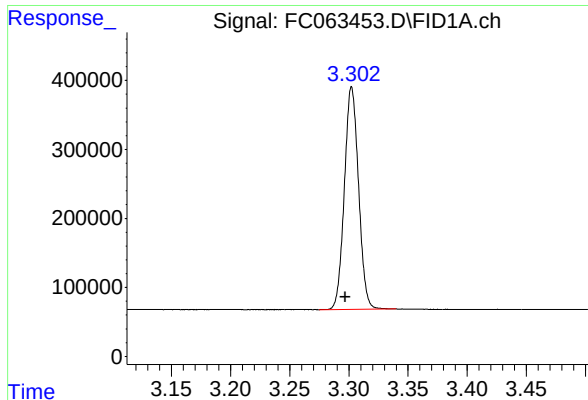
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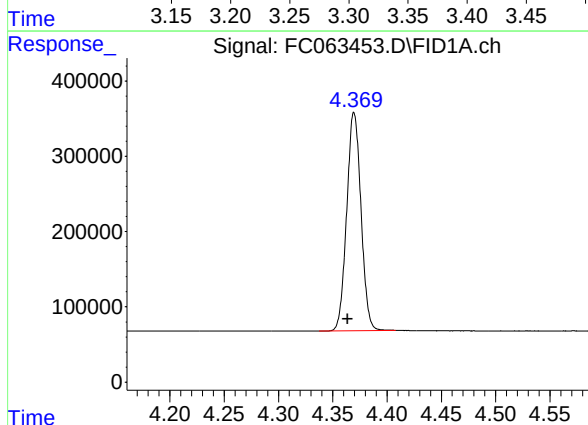
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.005 min
Response: 2688928
Conc: 19.15 ug/ml

Instrument : FID_C
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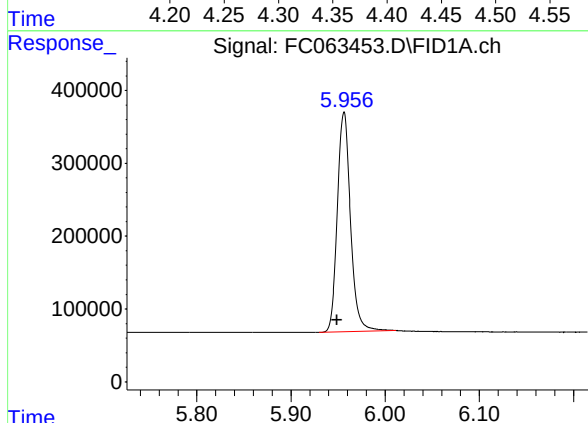
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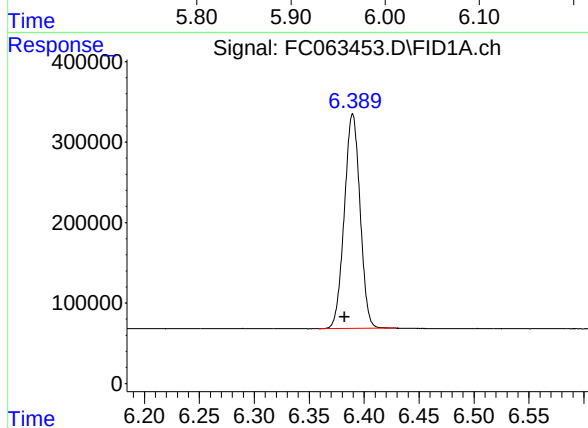
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.006 min
Response: 2658322
Conc: 19.51 ug/ml



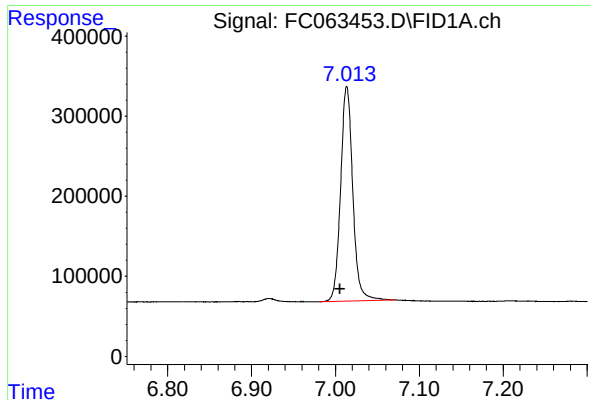
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.007 min
Response: 2929682
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.007 min
Response: 2654766
Conc: 19.73 ug/ml



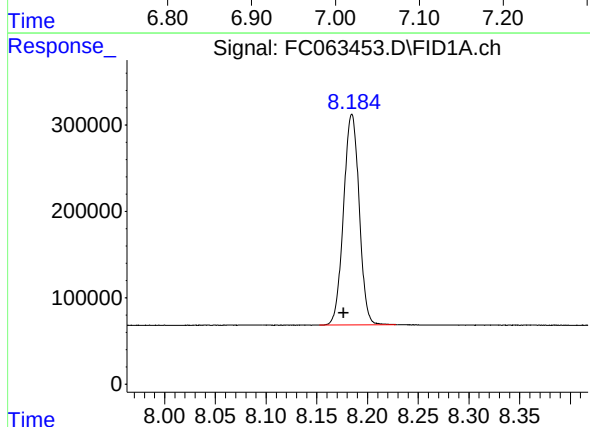
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.008 min
Response: 2712949
Conc: 19.48 ug/ml

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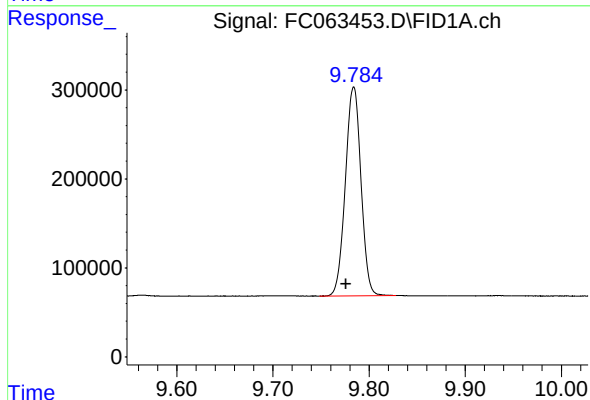
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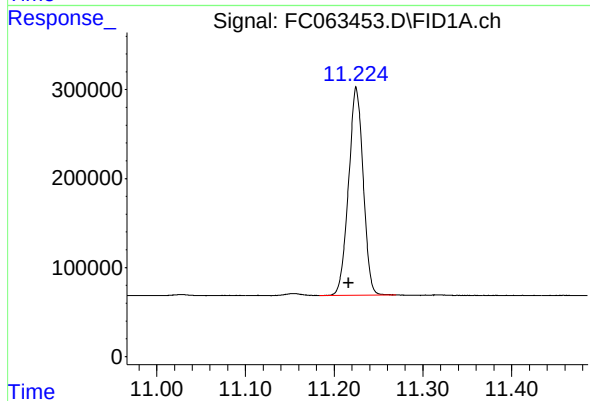
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.008 min
Response: 2615235
Conc: 19.32 ug/ml



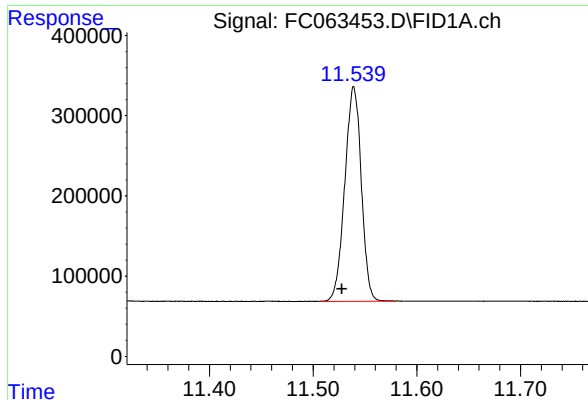
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: 0.008 min
Response: 2659236
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: 0.009 min
Response: 2679403
Conc: 19.34 ug/ml



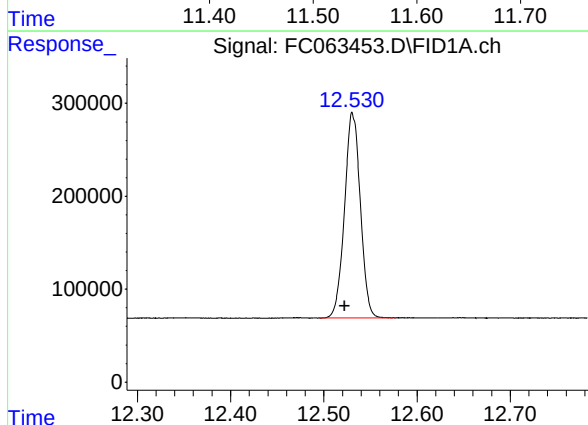
#9 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: 0.011 min
Response: 2955534
Conc: 19.43 ug/ml

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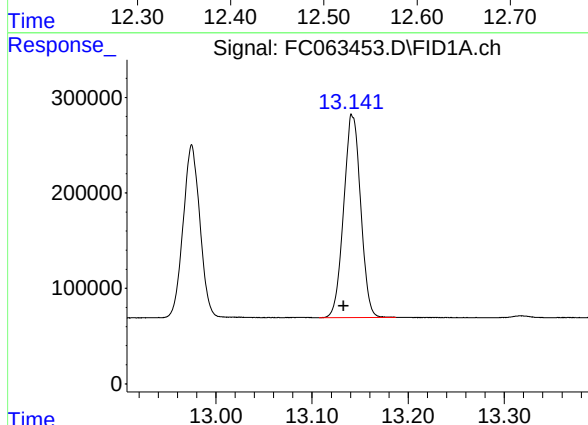
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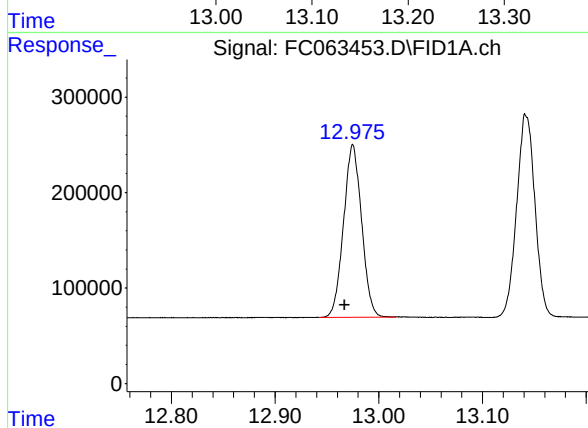
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: 0.008 min
Response: 2608074
Conc: 19.41 ug/ml



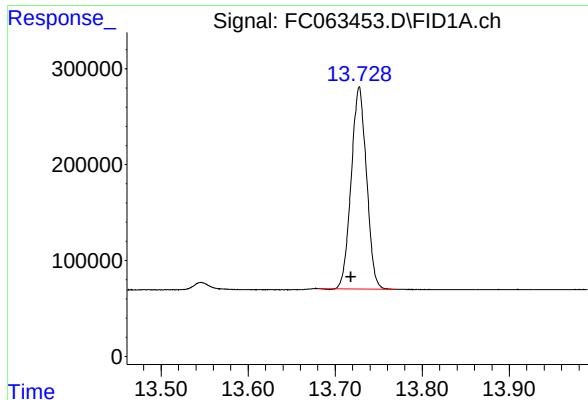
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: 0.009 min
Response: 2608139
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: 0.008 min
Response: 2187259
Conc: 19.77 ug/ml



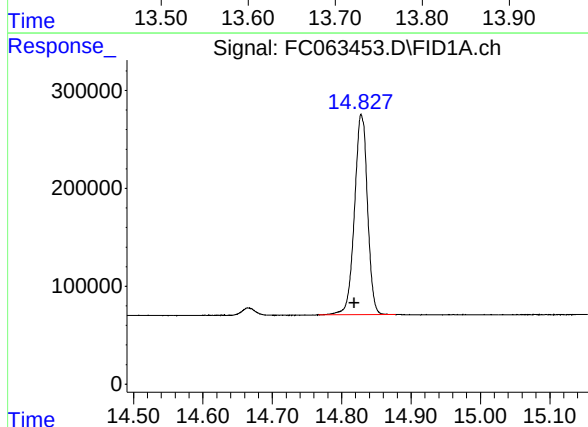
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: 0.009 min
Response: 2578599
Conc: 19.34 ug/ml

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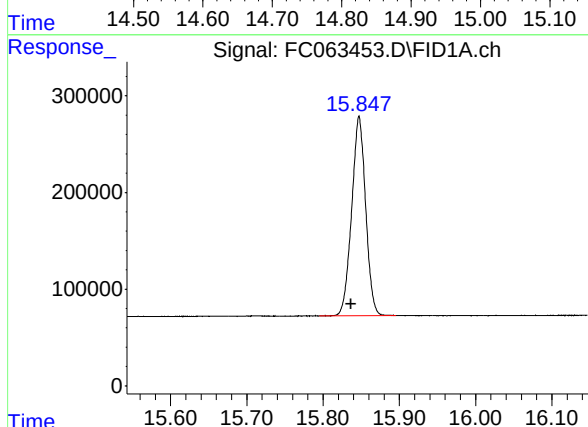
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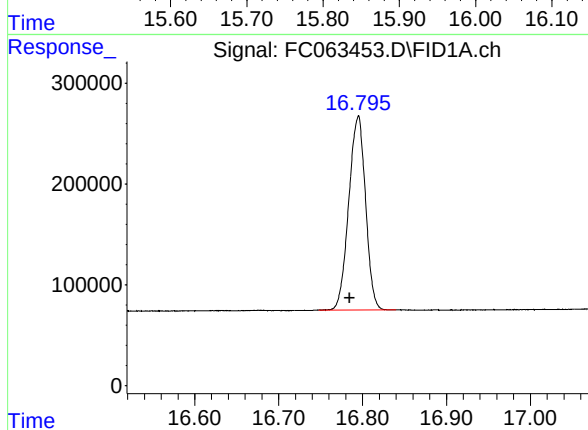
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: 0.010 min
Response: 2669298
Conc: 19.85 ug/ml



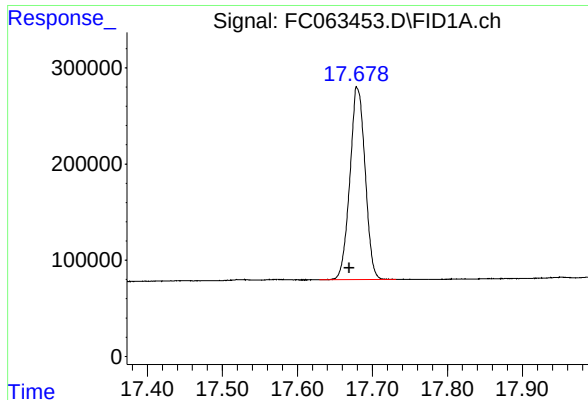
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: 0.010 min
Response: 2624724
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.795 min
Delta R.T.: 0.011 min
Response: 2677420
Conc: 19.77 ug/ml



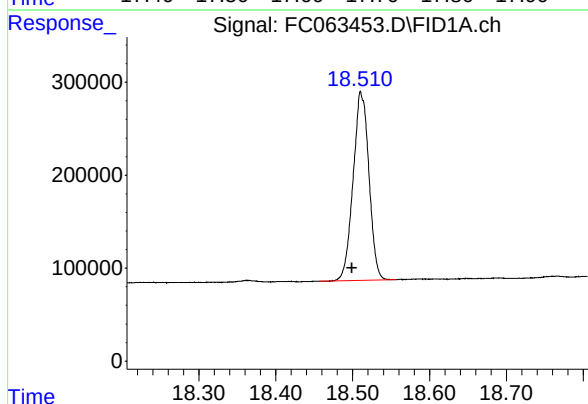
#17 n-Tricontane (C30)

R.T.: 17.680 min
Delta R.T.: 0.011 min
Response: 2821301
Conc: 20.39 ug/ml

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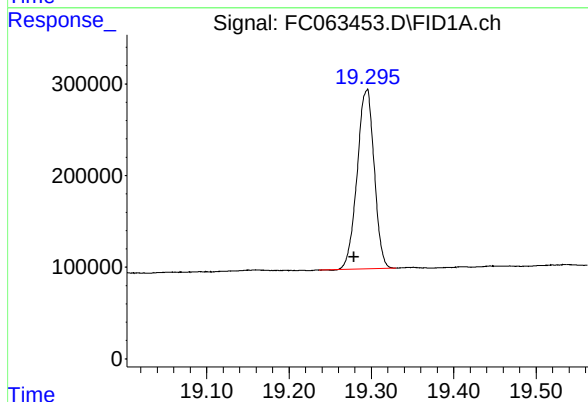
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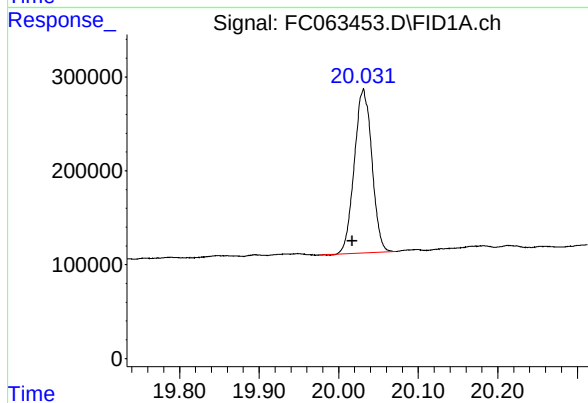
#18 n-Dotriacontane (C32)

R.T.: 18.511 min
Delta R.T.: 0.011 min
Response: 2900742
Conc: 20.55 ug/ml



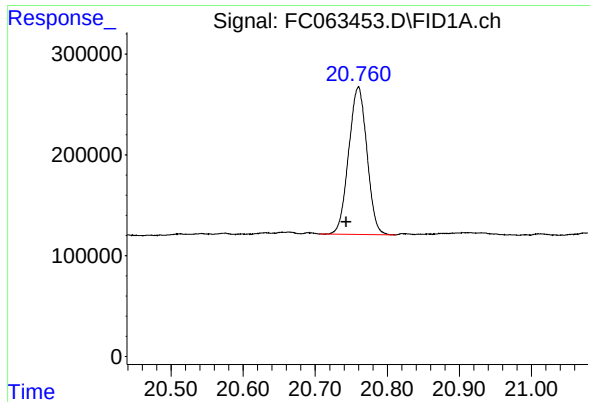
#19 n-Tetratriacontane (C34)

R.T.: 19.295 min
Delta R.T.: 0.016 min
Response: 2811838
Conc: 20.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.031 min
Delta R.T.: 0.014 min
Response: 2674830
Conc: 20.93 ug/ml



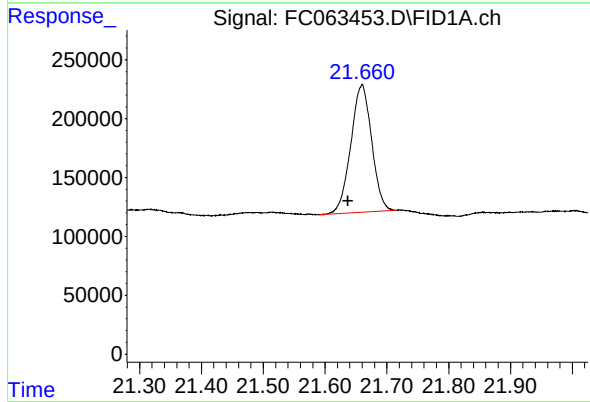
#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: 0.017 min
Response: 2571737
Conc: 20.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.660 min
Delta R.T.: 0.024 min
Response: 2539132
Conc: 21.58 ug/ml m