

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
 Data File : FC063433.D
 Signal(s) : FID1A.ch
 Acq On : 20 Apr 2023 18:47
 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 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 02:17:21 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)	11.547	2803273	18.425 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
12) S 1-chlorooctadecane (S...	12.984	2121933	19.178 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.308	2605628	18.559 ug/ml
2) T n-Decane (C10)	4.376	2572387	18.877 ug/ml
3) T A~Naphthalene (C11.7)	5.963	2854768	18.906 ug/ml
4) T n-Dodecane (C12)	6.396	2561610	19.042 ug/ml
5) T A~2-methylnaphthalene...	7.021	2651453	19.037 ug/ml
6) T n-Tetradecane (C14)	8.190	2525781	18.658 ug/ml
7) T n-Hexadecane (C16)	9.791	2566764	18.902 ug/ml
8) T n-Octadecane (C18)	11.232	2574517	18.587 ug/ml
10) T n-Eicosane (C20)	12.540	2491552	18.545 ug/ml
11) T n-Heneicosane (C21)	13.151	2542707	18.893 ug/ml
13) T n-Docosane (C22)	13.736	2485423	18.638 ug/ml
14) T n-Tetracosane (C24)	14.837	2596643	19.312 ug/ml
15) T n-Hexacosane (C26)	15.858	2531724	18.914 ug/ml
16) T n-Octacosane (C28)	16.805	2594682	19.163 ug/ml
17) T n-Tricontane (C30)	17.691	2747678	19.863 ug/ml
18) T n-Dotriacontane (C32)	18.522	2797560	19.816 ug/ml
19) T n-Tetratriacontane (C34)	19.304	2661931	19.289 ug/ml
20) T n-Hexatriacontane (C36)	20.041	2624168	20.531 ug/ml
21) T n-Octatriacontane (C38)	20.772	2695672	21.893 ug/ml
22) T n-Tetracontane (C40)	21.677	2619394	22.259 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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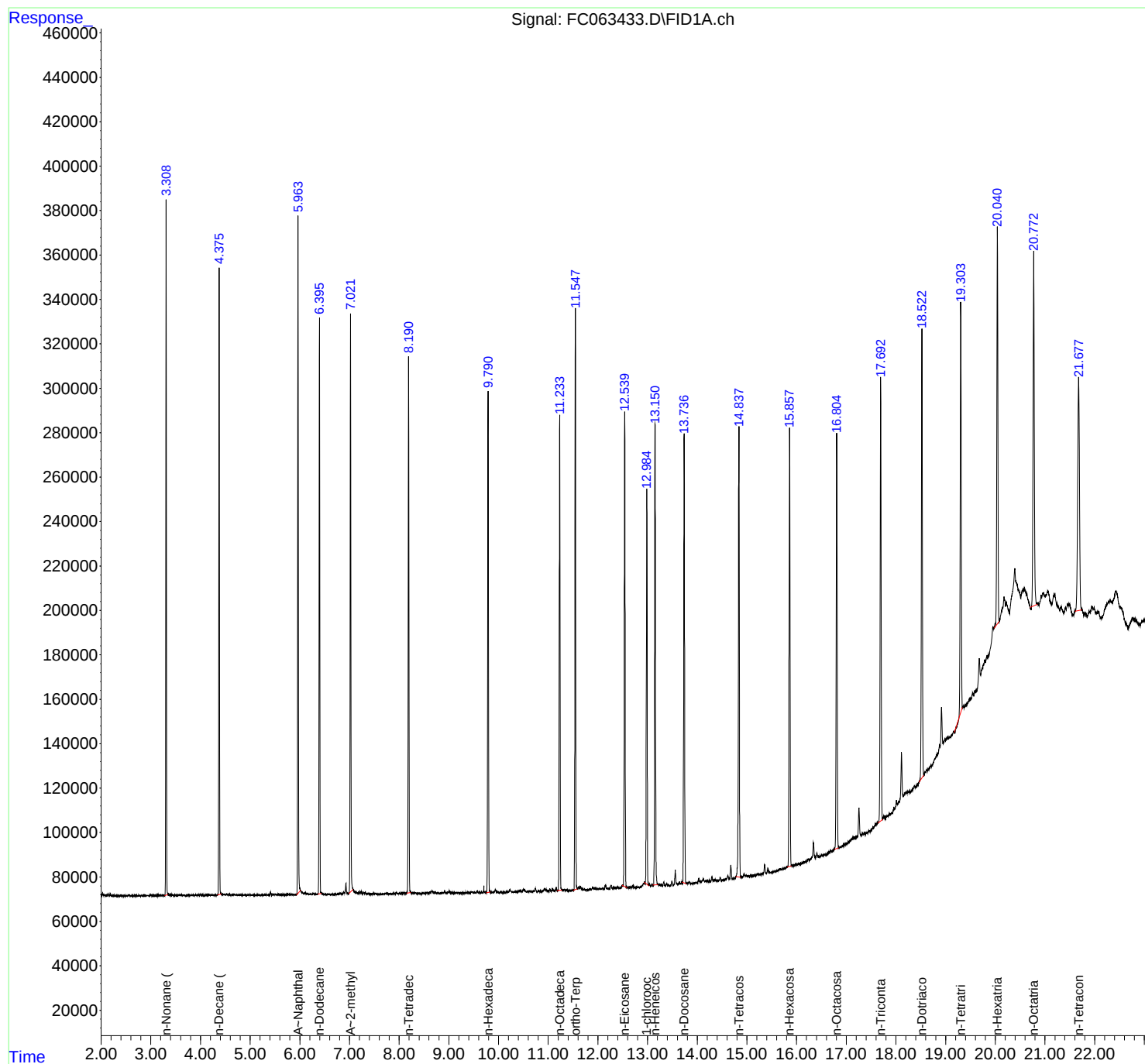
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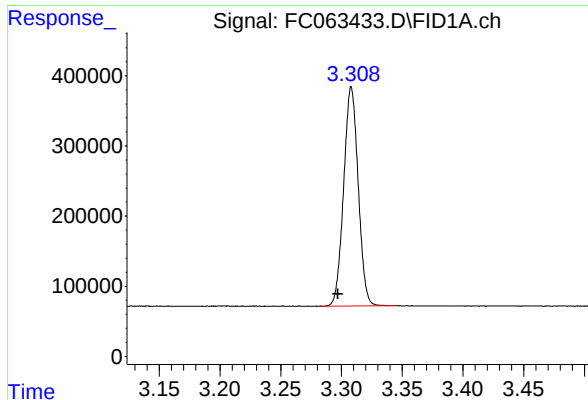
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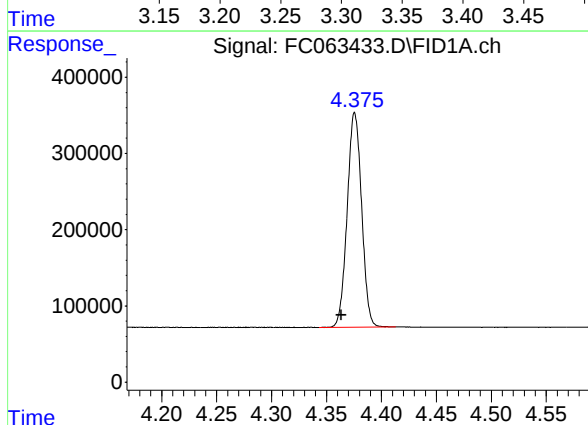
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: 0.011 min
Response: 2605628
Conc: 18.56 ug/ml

Instrument :
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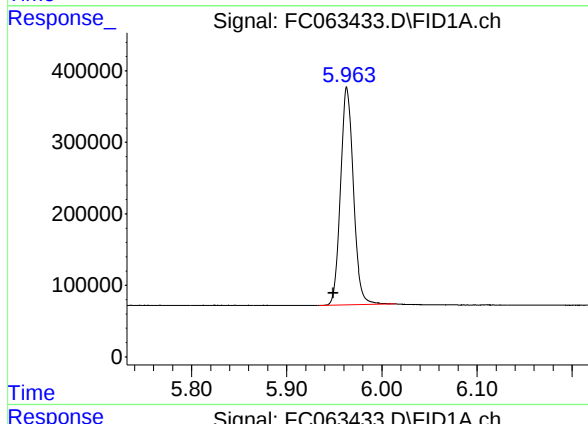
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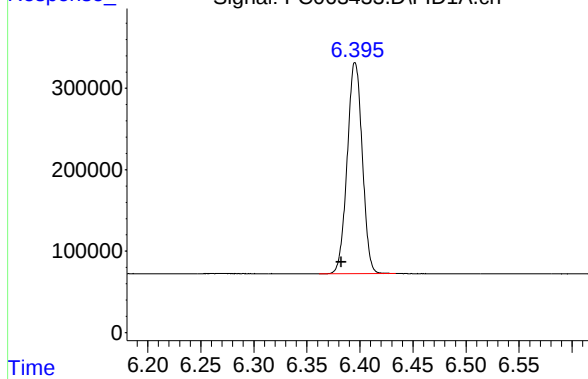
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.012 min
Response: 2572387
Conc: 18.88 ug/ml



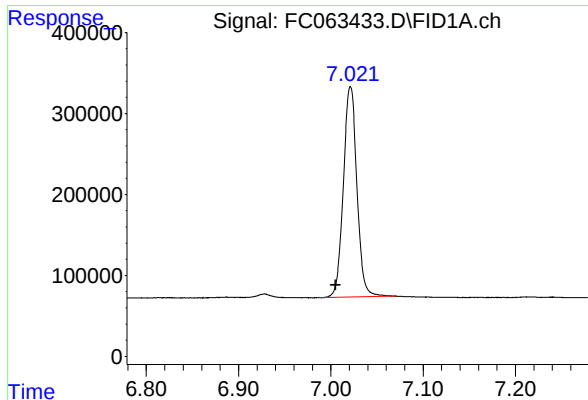
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.014 min
Response: 2854768
Conc: 18.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.396 min
Delta R.T.: 0.013 min
Response: 2561610
Conc: 19.04 ug/ml



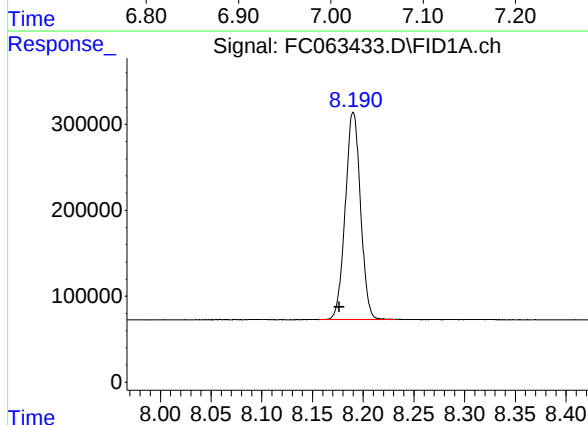
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: 0.016 min
Response: 2651453
Conc: 19.04 ug/ml

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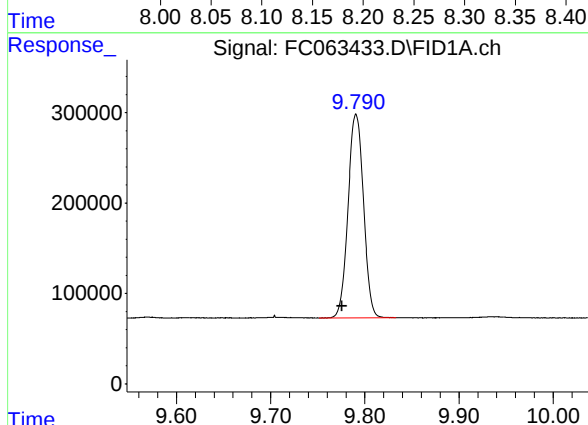
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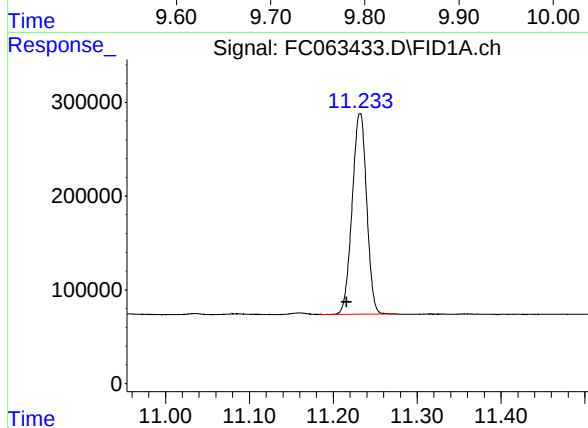
#6 n-Tetradecane (C14)

R.T.: 8.190 min
Delta R.T.: 0.014 min
Response: 2525781
Conc: 18.66 ug/ml



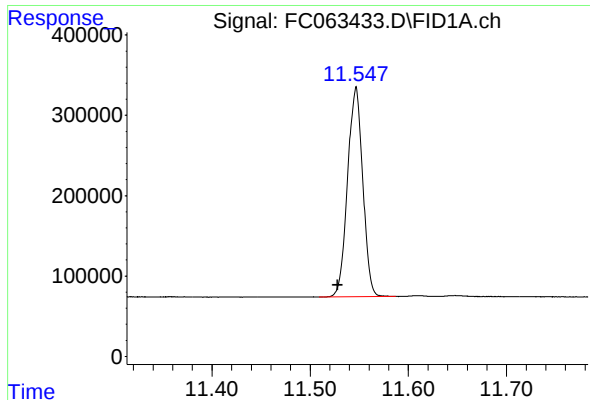
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: 0.015 min
Response: 2566764
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.232 min
Delta R.T.: 0.016 min
Response: 2574517
Conc: 18.59 ug/ml



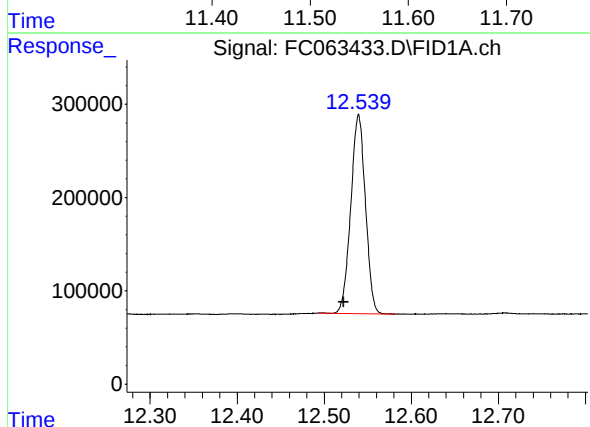
#9 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.019 min
Response: 2803273
Conc: 18.42 ug/ml

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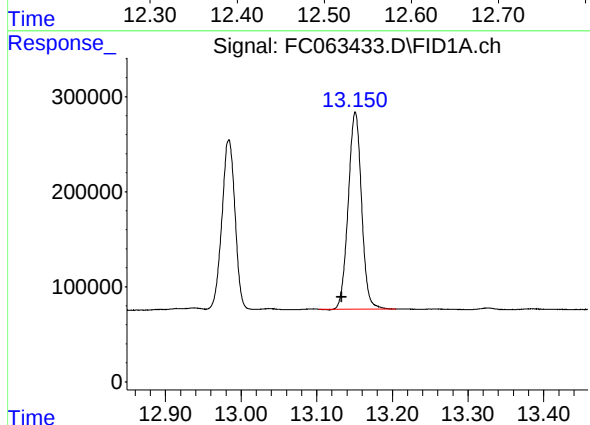
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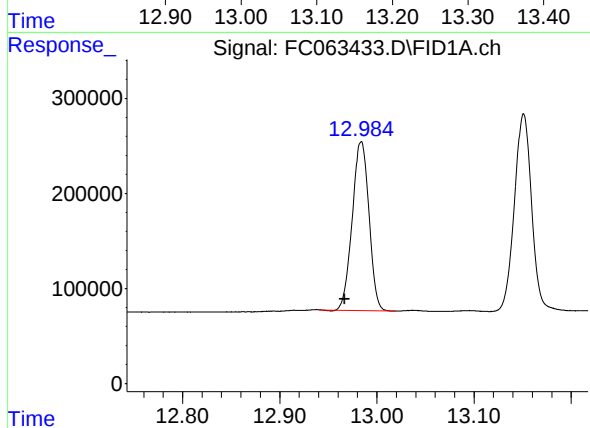
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: 0.017 min
Response: 2491552
Conc: 18.55 ug/ml



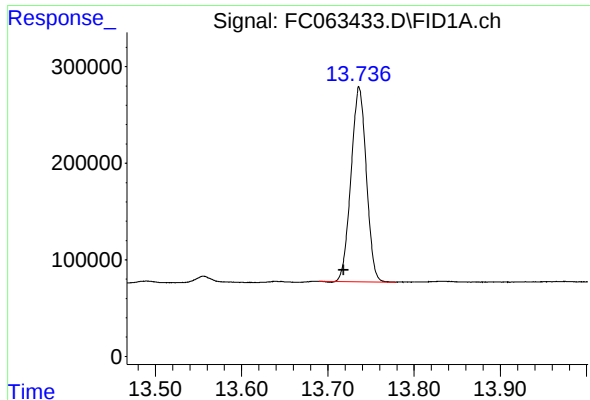
#11 n-Heneicosane (C21)

R.T.: 13.151 min
Delta R.T.: 0.018 min
Response: 2542707
Conc: 18.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.984 min
Delta R.T.: 0.017 min
Response: 2121933
Conc: 19.18 ug/ml



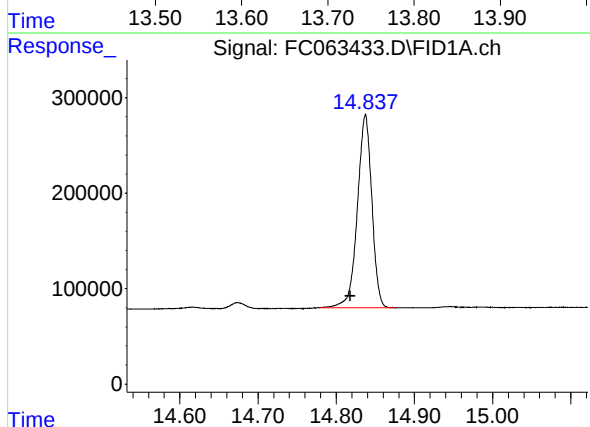
#13 n-Docosane (C22)

R.T.: 13.736 min
Delta R.T.: 0.018 min
Response: 2485423
Conc: 18.64 ug/ml

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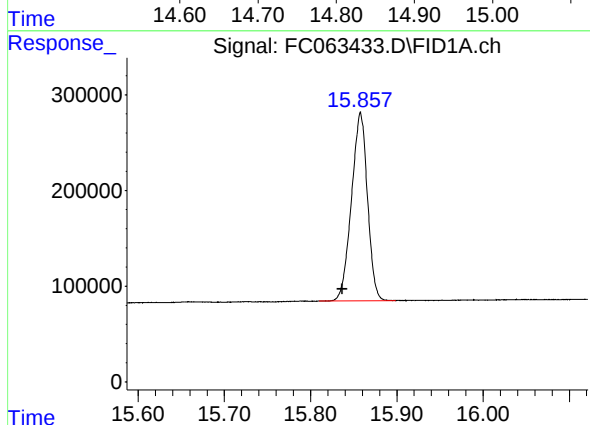
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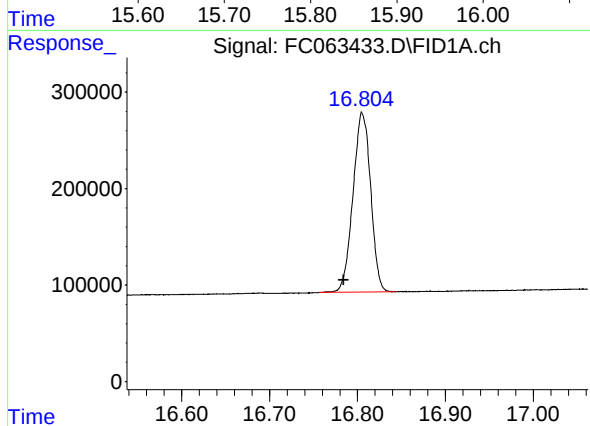
#14 n-Tetracosane (C24)

R.T.: 14.837 min
Delta R.T.: 0.019 min
Response: 2596643
Conc: 19.31 ug/ml



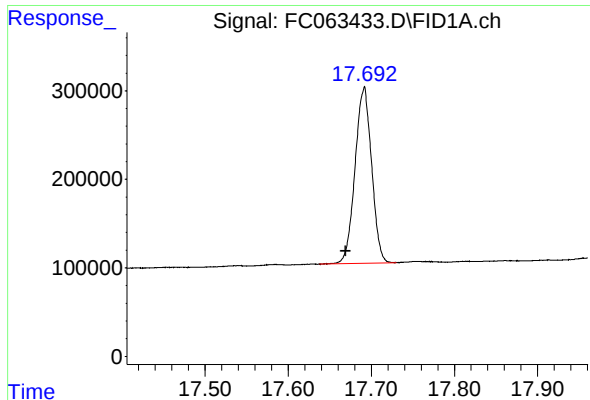
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: 0.021 min
Response: 2531724
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: 0.021 min
Response: 2594682
Conc: 19.16 ug/ml



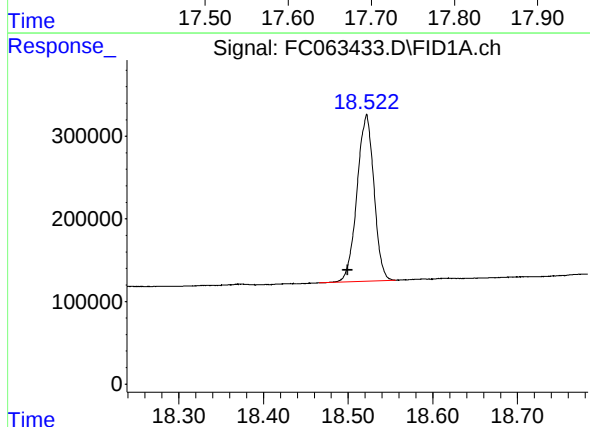
#17 n-Tricontane (C30)

R.T.: 17.691 min
Delta R.T.: 0.022 min
Response: 2747678
Conc: 19.86 ug/ml

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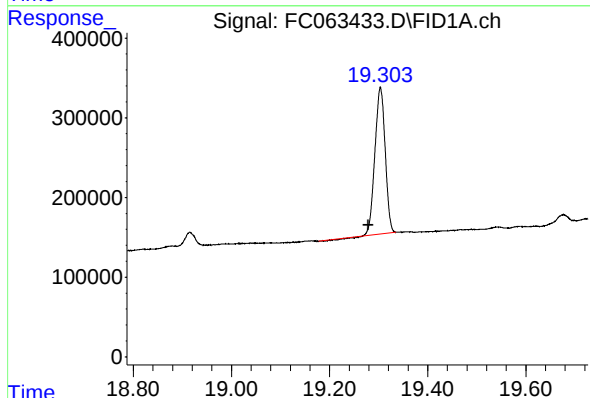
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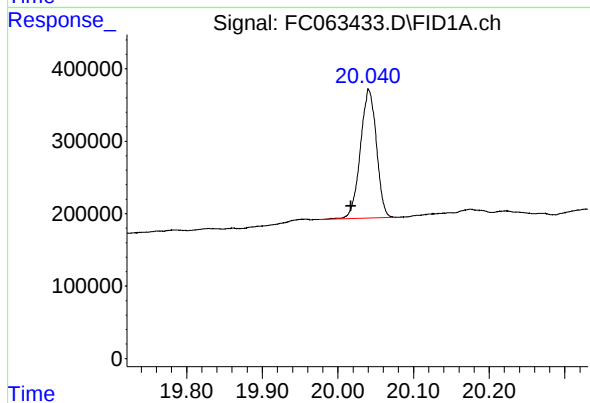
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: 0.023 min
Response: 2797560
Conc: 19.82 ug/ml



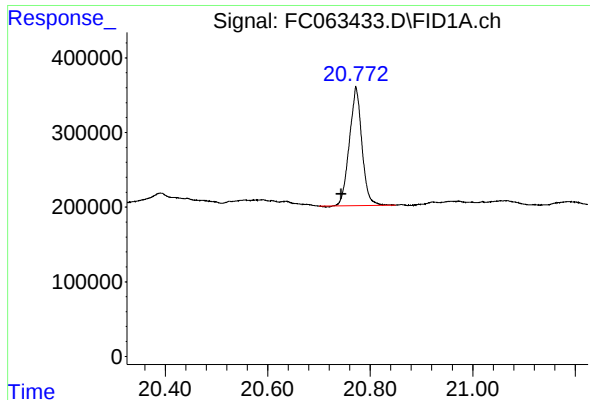
#19 n-Tetratriacontane (C34)

R.T.: 19.304 min
Delta R.T.: 0.025 min
Response: 2661931
Conc: 19.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.041 min
Delta R.T.: 0.024 min
Response: 2624168
Conc: 20.53 ug/ml



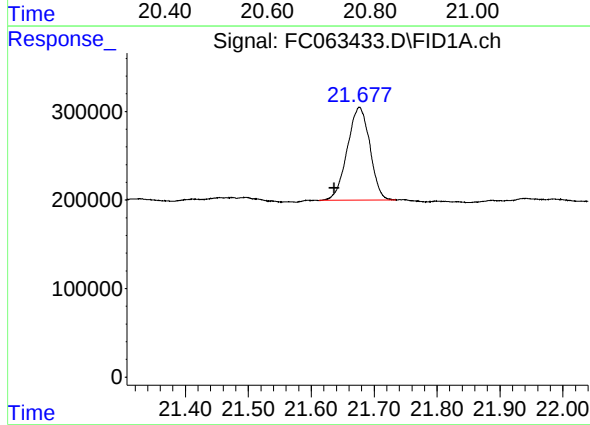
#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: 0.029 min
Response: 2695672
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.677 min
Delta R.T.: 0.040 min
Response: 2619394
Conc: 22.26 ug/ml m