

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033023AL\
 Data File : FC063283.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2023 11:38
 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 03/30/2023
 Supervised By :mohammad ahmed 03/31/2023

Integration File: autoint1.e
 Quant Time: Mar 30 15:13:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.529	2448213	18.700 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	12.967	1863753	19.316 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.299	2435619	20.135 ug/ml
2) T n-Decane (C10)	4.365	2424022	20.601 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2555149	19.843 ug/ml
4) T n-Dodecane (C12)	6.382	2394597	20.379 ug/ml
5) T A~2-methylnaphthalene...	7.004	2500391	21.258 ug/ml
6) T n-Tetradecane (C14)	8.176	2365565	20.547 ug/ml
7) T n-Hexadecane (C16)	9.775	2345708	20.135 ug/ml
8) T n-Octadecane (C18)	11.216	2354536	19.915 ug/ml
10) T n-Eicosane (C20)	12.524	2325206	20.185 ug/ml
11) T n-Heneicosane (C21)	13.136	2310355	20.045 ug/ml
13) T n-Docosane (C22)	13.719	2287234	20.086 ug/ml
14) T n-Tetracosane (C24)	14.820	2272877	19.992 ug/ml
15) T n-Hexacosane (C26)	15.838	2273573	20.203 ug/ml
16) T n-Octacosane (C28)	16.786	2315907	20.578 ug/ml
17) T n-Tricontane (C30)	17.672	2487706	21.872 ug/ml
18) T n-Dotriacontane (C32)	18.501	2577736	22.279 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2452117	21.334 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2374439	21.730 ug/ml
21) T n-Octatriacontane (C38)	20.747	2230698	20.645 ug/ml
22) T n-Tetracontane (C40)	21.642	2069382	19.542 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

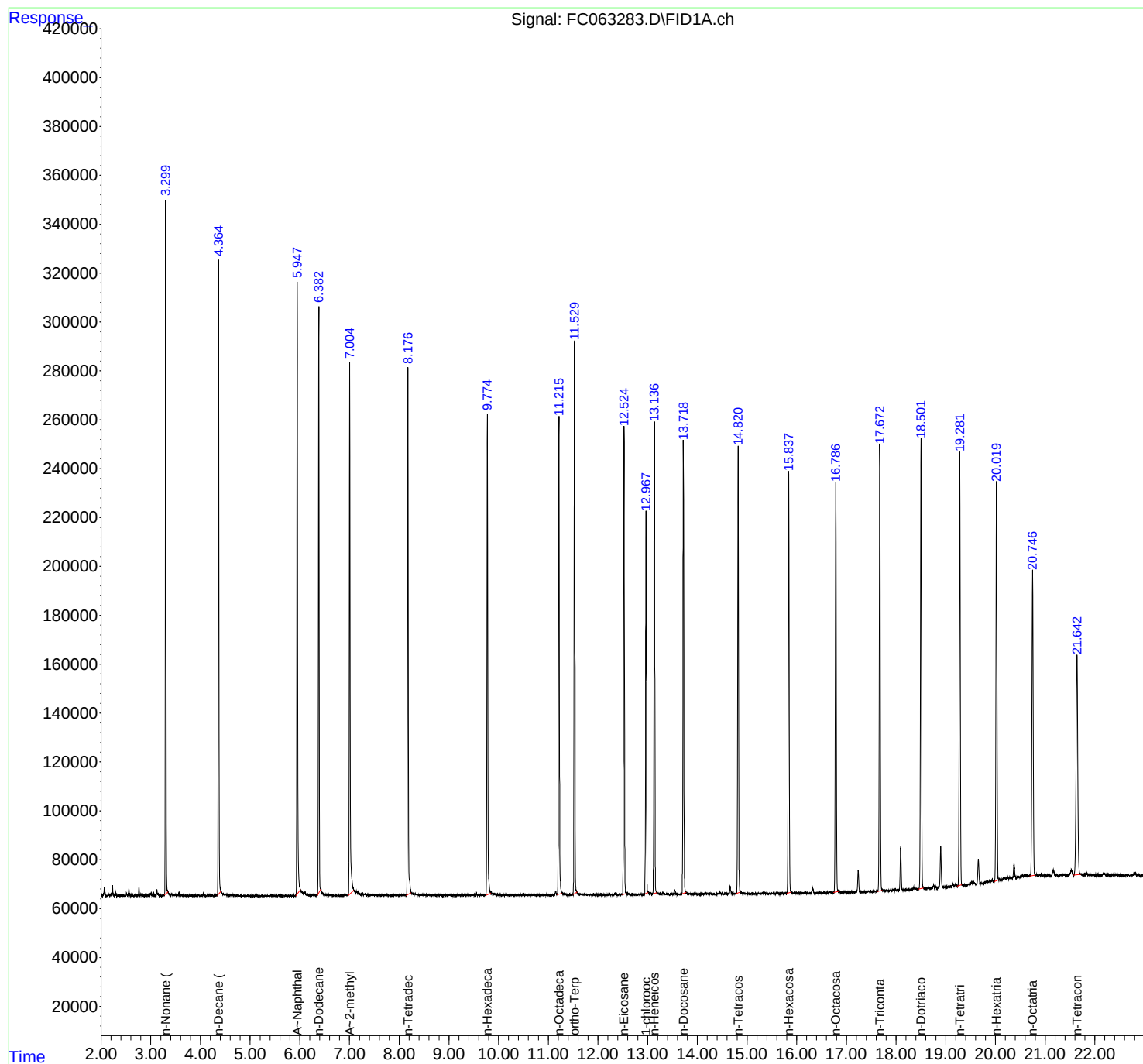
Instrument :
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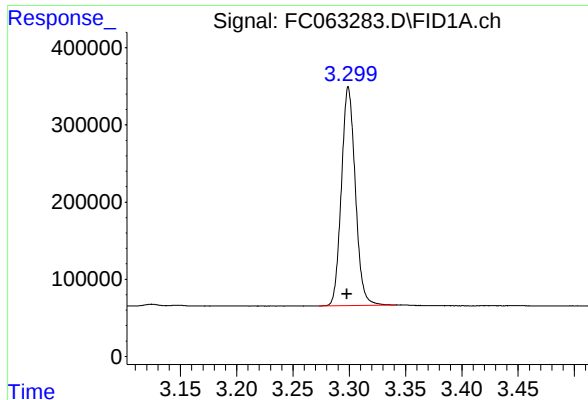
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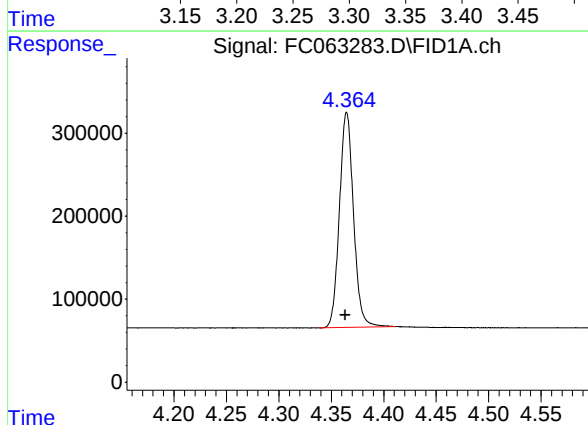
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.001 min
Response: 2435619
Conc: 20.14 ug/ml

Instrument :
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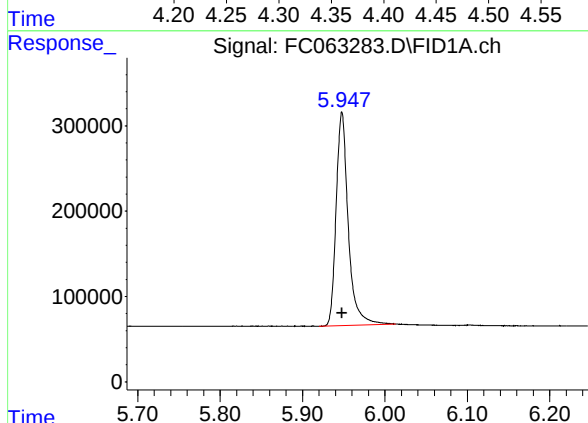
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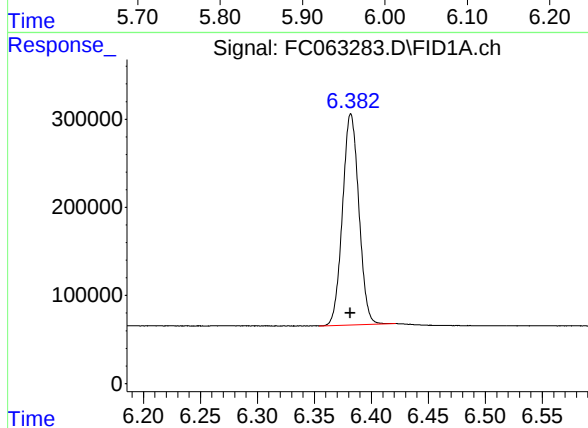
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.001 min
Response: 2424022
Conc: 20.60 ug/ml



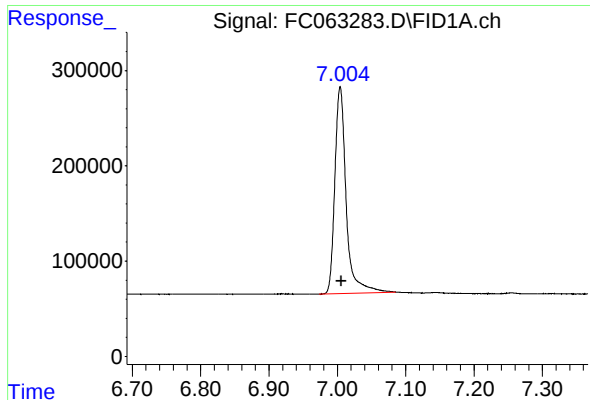
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 2555149
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2394597
Conc: 20.38 ug/ml



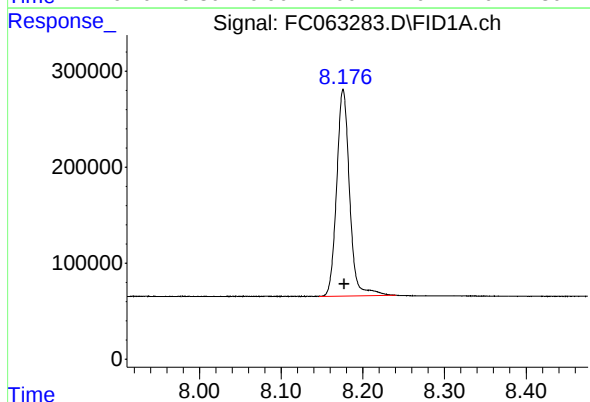
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 2500391
Conc: 21.26 ug/ml

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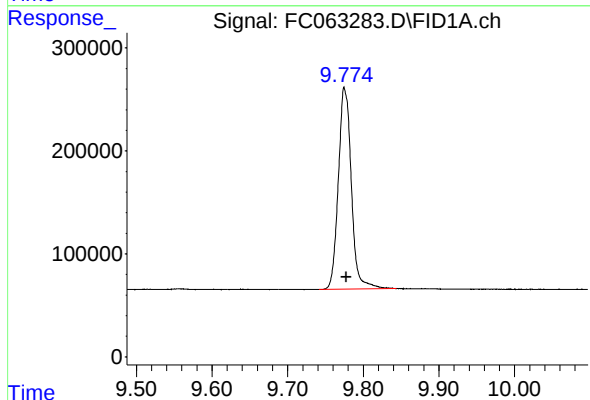
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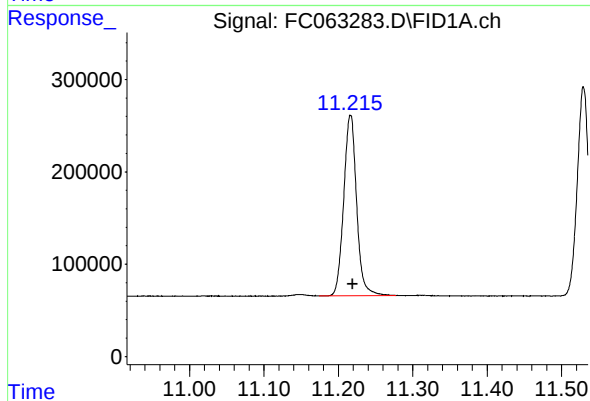
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 2365565
Conc: 20.55 ug/ml



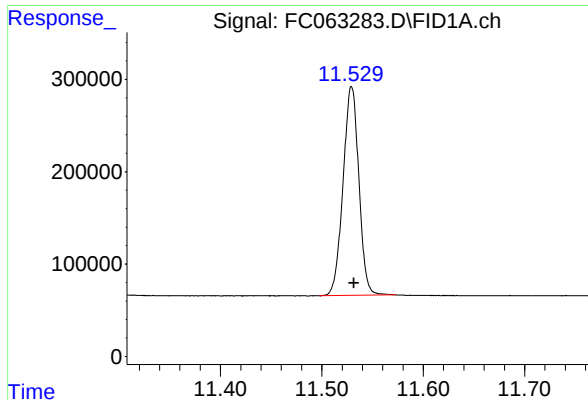
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.002 min
Response: 2345708
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.003 min
Response: 2354536
Conc: 19.92 ug/ml



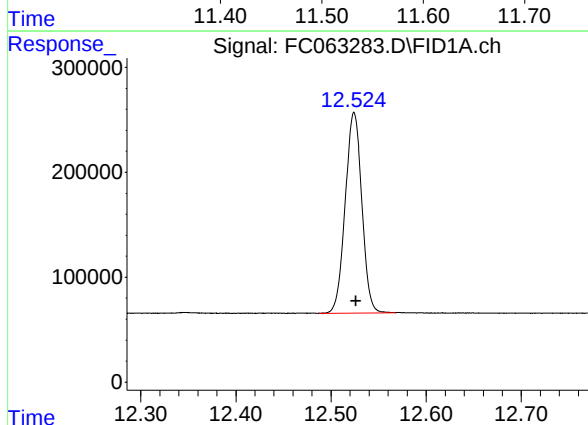
#9 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.002 min
Response: 2448213
Conc: 18.70 ug/ml

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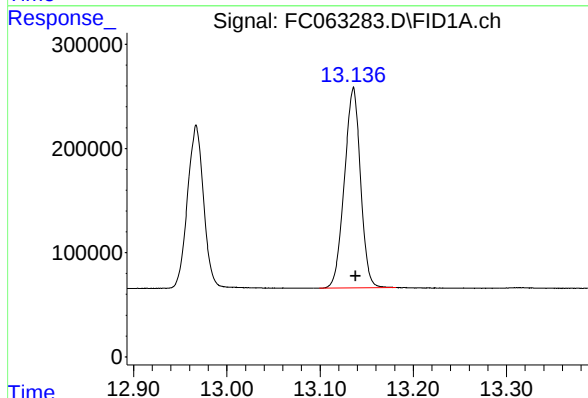
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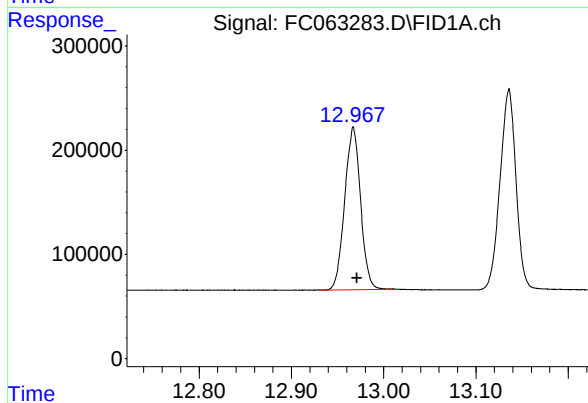
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.002 min
Response: 2325206
Conc: 20.18 ug/ml



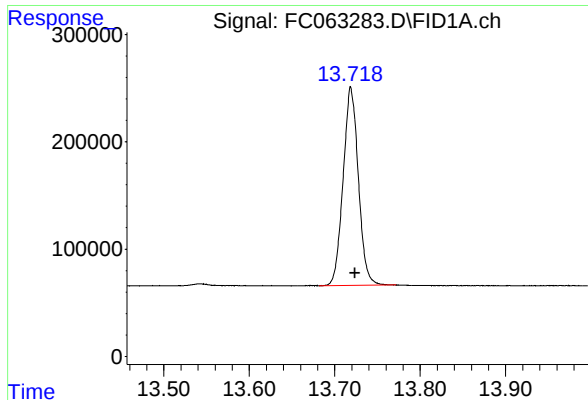
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.002 min
Response: 2310355
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.004 min
Response: 1863753
Conc: 19.32 ug/ml



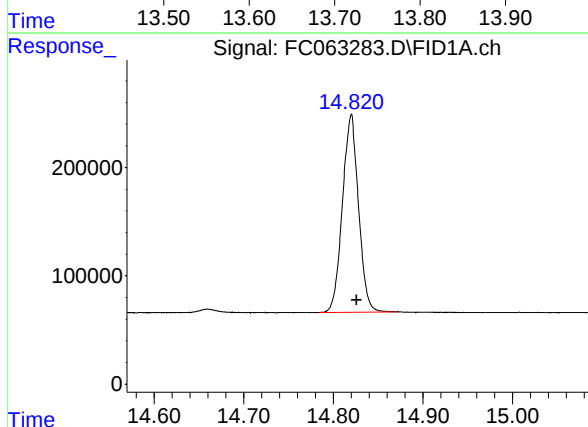
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.005 min
Response: 2287234
Conc: 20.09 ug/ml

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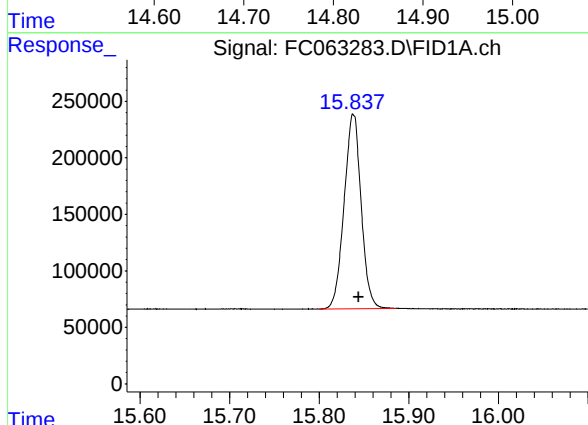
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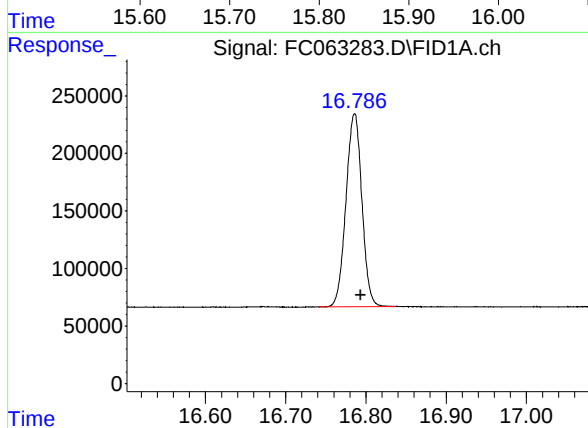
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.006 min
Response: 2272877
Conc: 19.99 ug/ml



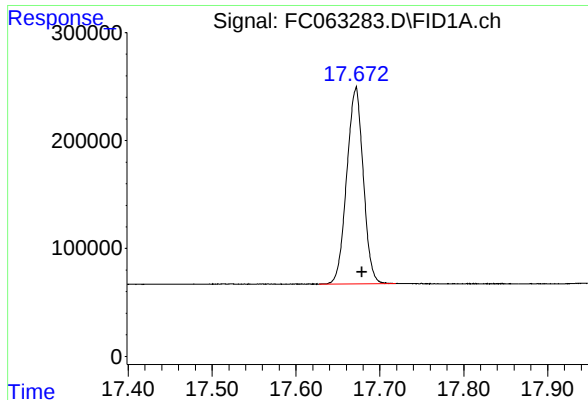
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.006 min
Response: 2273573
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: -0.008 min
Response: 2315907
Conc: 20.58 ug/ml



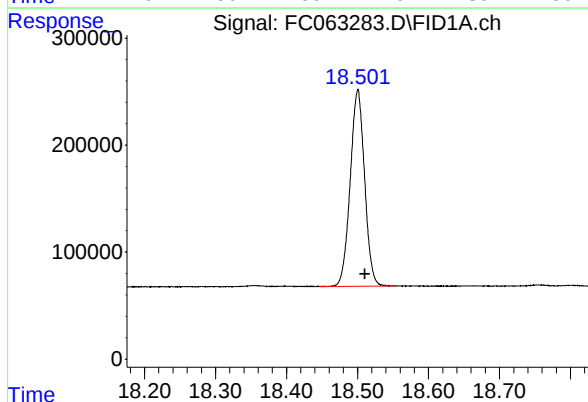
#17 n-Tricontane (C30)

R.T.: 17.672 min
Delta R.T.: -0.007 min
Response: 2487706
Conc: 21.87 ug/ml

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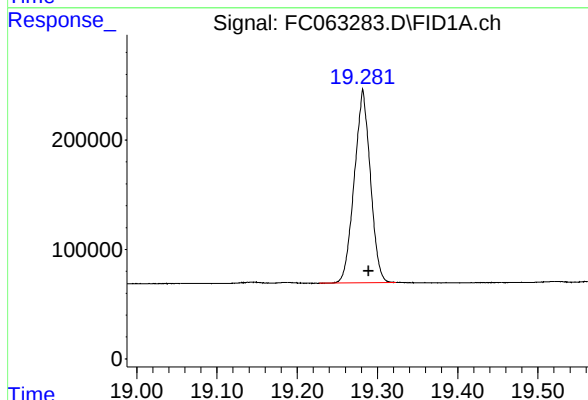
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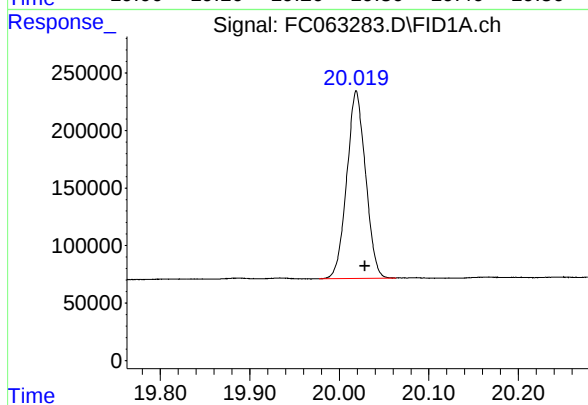
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: -0.010 min
Response: 2577736
Conc: 22.28 ug/ml



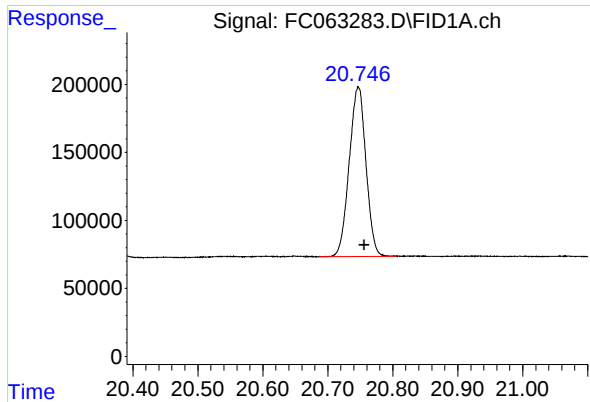
#19 n-Tetatriacontane (C34)

R.T.: 19.282 min
Delta R.T.: -0.007 min
Response: 2452117
Conc: 21.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.019 min
Delta R.T.: -0.010 min
Response: 2374439
Conc: 21.73 ug/ml m



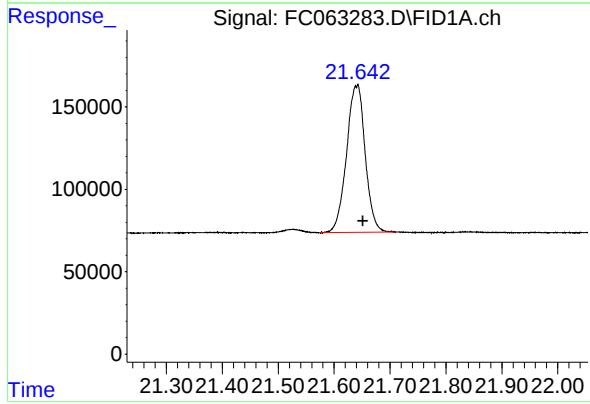
#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: -0.009 min
Response: 2230698
Conc: 20.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: -0.009 min
Response: 2069382
Conc: 19.54 ug/ml