

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
 Data File : FC063450.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2023 16:17
 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

Integration File: autoint1.e
 Quant Time: Apr 22 01:36:44 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)	11.543	2868139	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	12.980	2171312	19.624 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
Target Compounds			
1) T n-Nonane (C9)	3.305	2641674	18.816 ug/ml
2) T n-Decane (C10)	4.374	2612972	19.175 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2874082	19.033 ug/ml
4) T n-Dodecane (C12)	6.393	2601488	19.338 ug/ml
5) T A~2-methylnaphthalene...	7.017	2682588	19.260 ug/ml
6) T n-Tetradecane (C14)	8.188	2561557	18.922 ug/ml
7) T n-Hexadecane (C16)	9.787	2606711	19.196 ug/ml
8) T n-Octadecane (C18)	11.228	2619722	18.913 ug/ml
10) T n-Eicosane (C20)	12.536	2548263	18.967 ug/ml
11) T n-Heneicosane (C21)	13.147	2553596	18.973 ug/ml
13) T n-Docosane (C22)	13.731	2528296	18.959 ug/ml
14) T n-Tetracosane (C24)	14.834	2653630	19.736 ug/ml
15) T n-Hexacosane (C26)	15.852	2583027	19.297 ug/ml
16) T n-Octacosane (C28)	16.799	2650466	19.575 ug/ml
17) T n-Tricontane (C30)	17.685	2800138	20.242 ug/ml
18) T n-Dotriacontane (C32)	18.516	2892520	20.488 ug/ml
19) T n-Tetratriacontane (C34)	19.298	2809098	20.355 ug/ml
20) T n-Hexatriacontane (C36)	20.036	2648147	20.718 ug/ml
21) T n-Octatriacontane (C38)	20.764	2623921	21.310 ug/ml
22) T n-Tetracontane (C40)	21.666	2638609	22.422 ug/ml

(f)=RT Delta > 1/2 Window

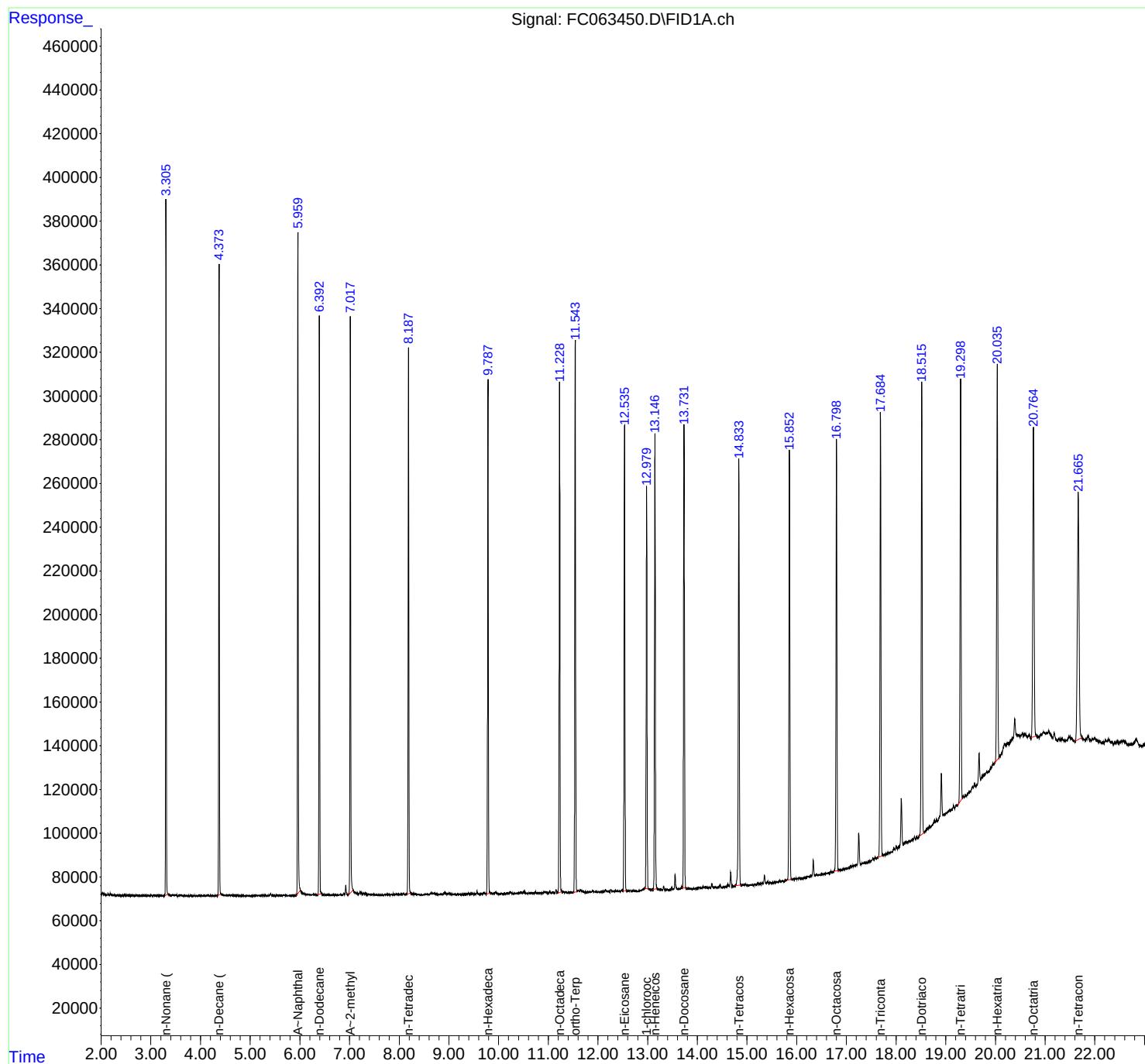
(m)=manual int.

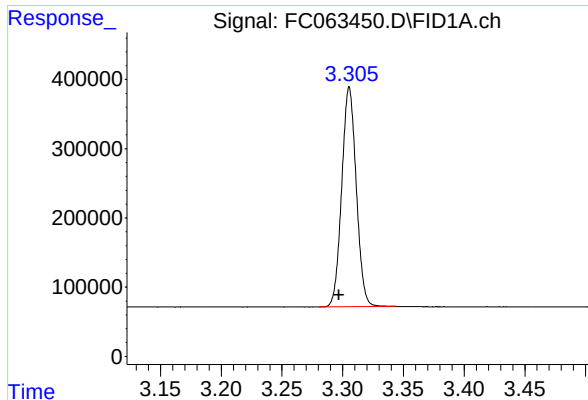
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
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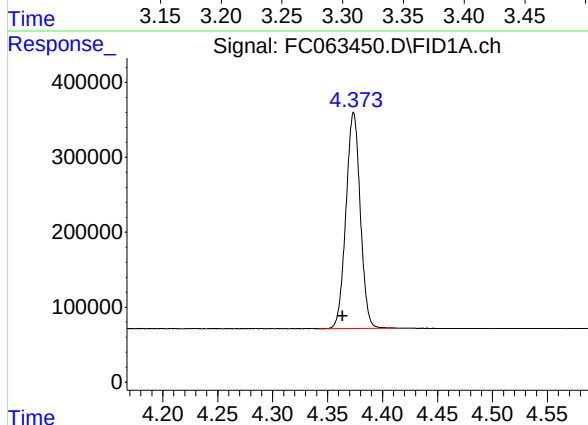




#1 n-Nonane (C9)

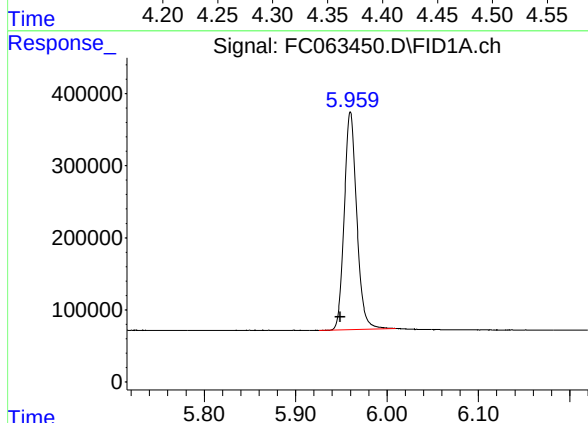
R.T.: 3.305 min
Delta R.T.: 0.008 min
Response: 2641674
Conc: 18.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



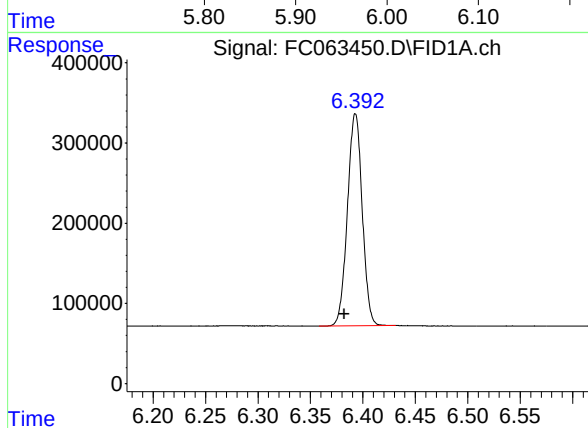
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: 0.010 min
Response: 2612972
Conc: 19.17 ug/ml



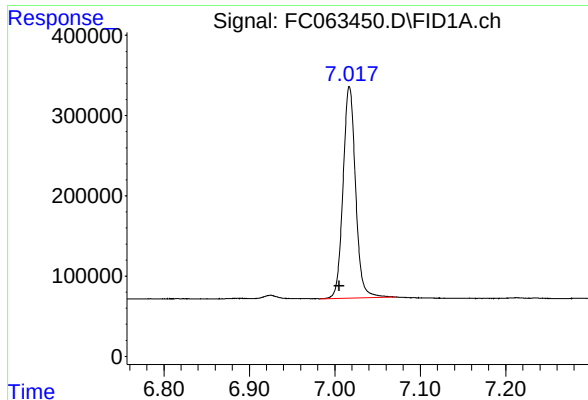
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.011 min
Response: 2874082
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

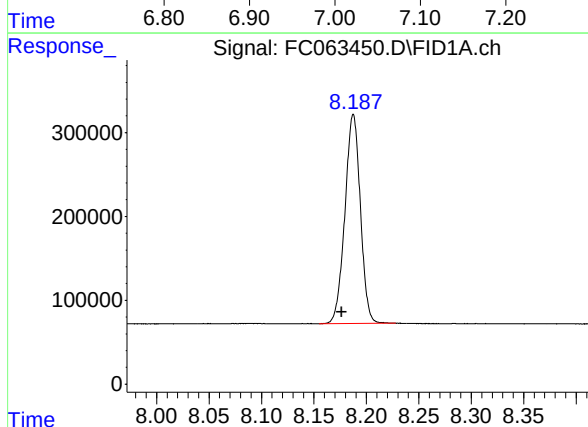
R.T.: 6.393 min
Delta R.T.: 0.011 min
Response: 2601488
Conc: 19.34 ug/ml



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

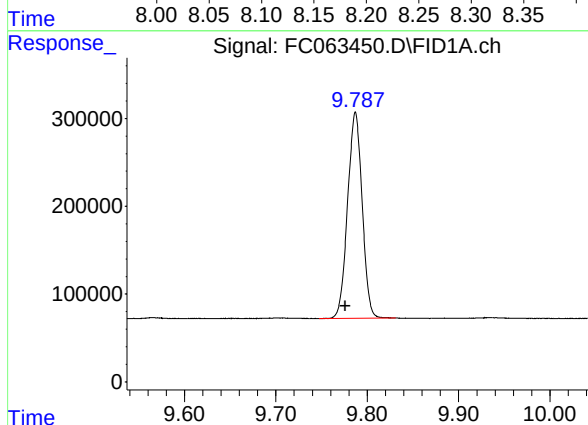
R.T.: 7.017 min
Delta R.T.: 0.012 min
Response: 2682588
Conc: 19.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



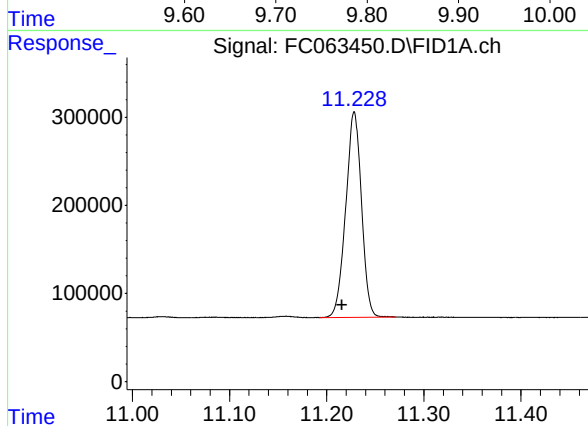
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.011 min
Response: 2561557
Conc: 18.92 ug/ml



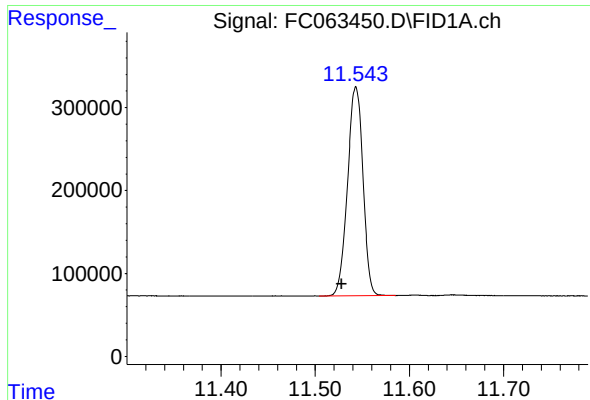
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: 0.011 min
Response: 2606711
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

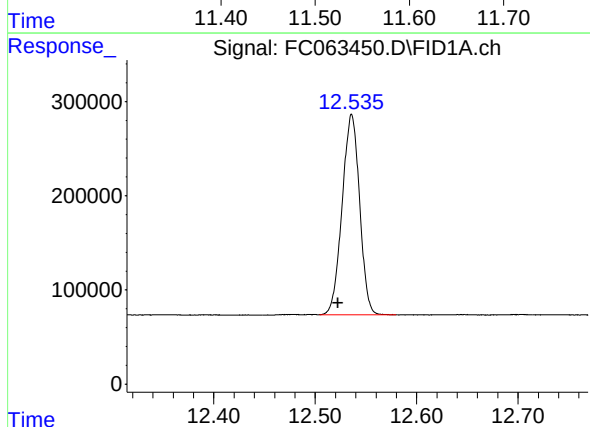
R.T.: 11.228 min
Delta R.T.: 0.012 min
Response: 2619722
Conc: 18.91 ug/ml



#9 ortho-Terphenyl (SURR)

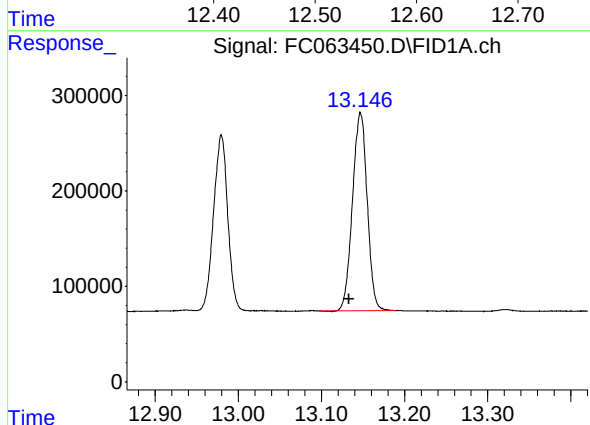
R.T.: 11.543 min
Delta R.T.: 0.015 min
Response: 2868139
Conc: 18.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



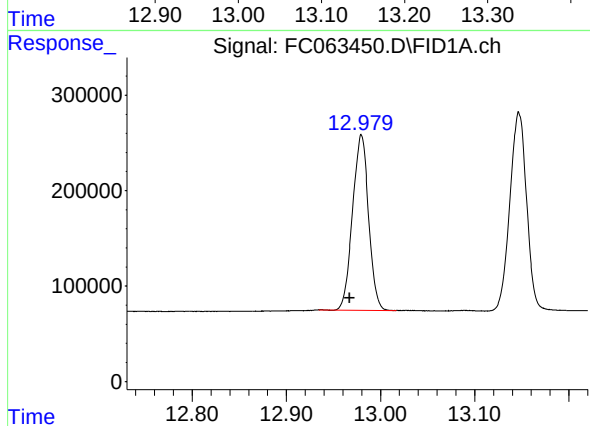
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: 0.014 min
Response: 2548263
Conc: 18.97 ug/ml



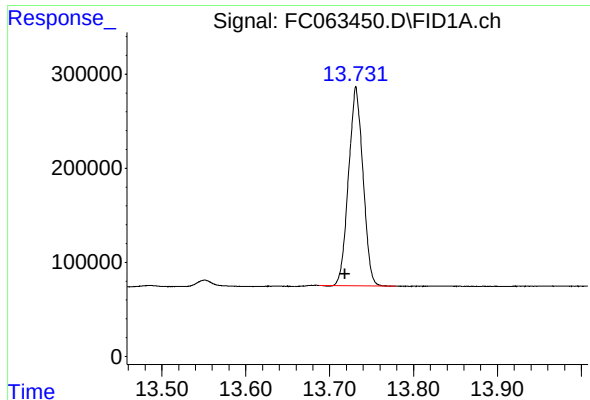
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: 0.014 min
Response: 2553596
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

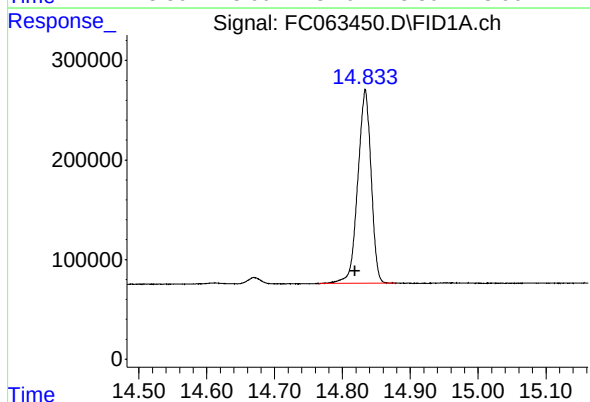
R.T.: 12.980 min
Delta R.T.: 0.013 min
Response: 2171312
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

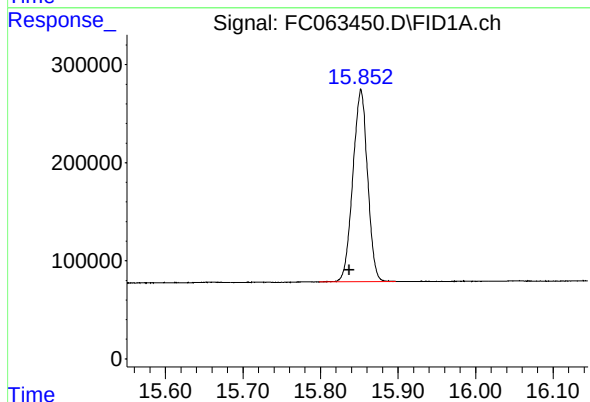
R.T.: 13.731 min
Delta R.T.: 0.013 min
Response: 2528296
Conc: 18.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



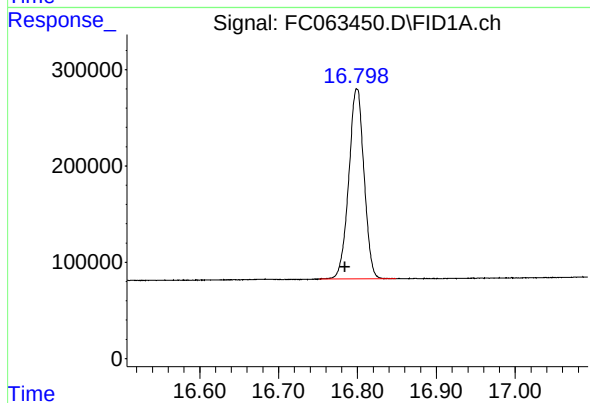
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: 0.015 min
Response: 2653630
Conc: 19.74 ug/ml



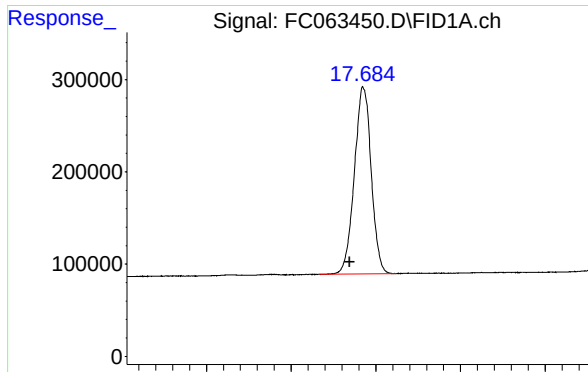
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: 0.015 min
Response: 2583027
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

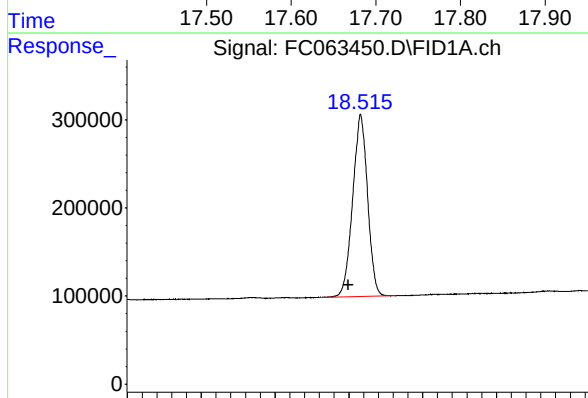
R.T.: 16.799 min
Delta R.T.: 0.015 min
Response: 2650466
Conc: 19.57 ug/ml



#17 n-Tricontane (C30)

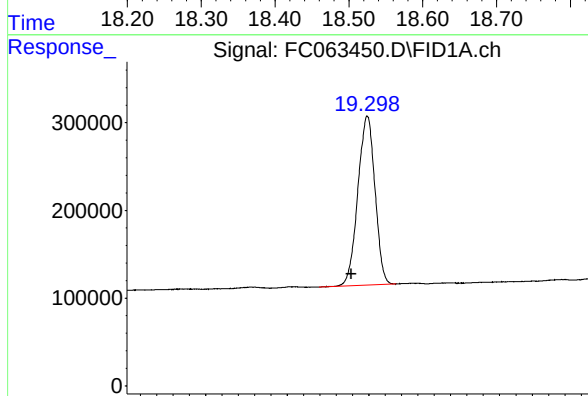
R.T.: 17.685 min
Delta R.T.: 0.016 min
Response: 2800138
Conc: 20.24 ug/ml

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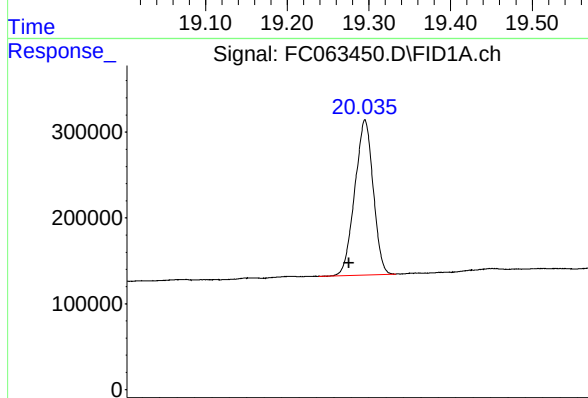
#18 n-Dotriacontane (C32)

R.T.: 18.516 min
Delta R.T.: 0.017 min
Response: 2892520
Conc: 20.49 ug/ml



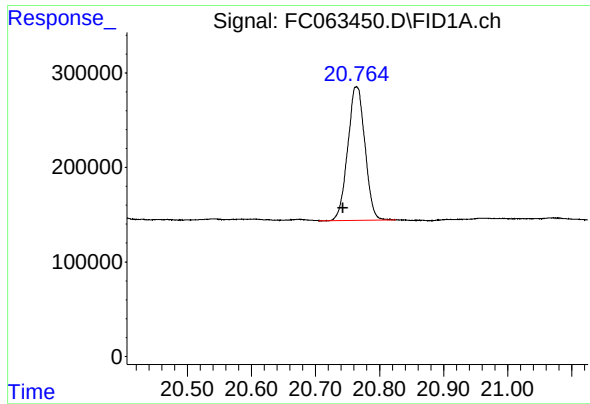
#19 n-Tetatriacontane (C34)

R.T.: 19.298 min
Delta R.T.: 0.019 min
Response: 2809098
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

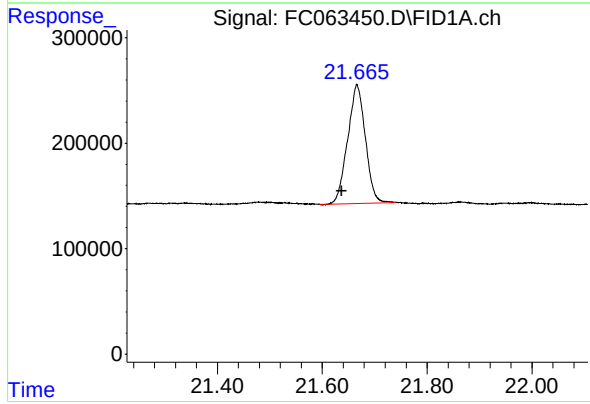
R.T.: 20.036 min
Delta R.T.: 0.019 min
Response: 2648147
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: 0.021 min
Response: 2623921
Conc: 21.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: 0.029 min
Response: 2638609
Conc: 22.42 ug/ml