

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
 Data File : FC063441.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2023 10:27
 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 01:35:30 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	2846131	18.706 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
12) S 1-chlorooctadecane (S...	12.979	2160087	19.522 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.306	2614355	18.621 ug/ml
2) T n-Decane (C10)	4.373	2585783	18.975 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2838179	18.796 ug/ml
4) T n-Dodecane (C12)	6.393	2578190	19.165 ug/ml
5) T A~2-methylnaphthalene...	7.019	2657591	19.081 ug/ml
6) T n-Tetradecane (C14)	8.189	2537138	18.741 ug/ml
7) T n-Hexadecane (C16)	9.788	2577997	18.984 ug/ml
8) T n-Octadecane (C18)	11.229	2591271	18.708 ug/ml
10) T n-Eicosane (C20)	12.536	2528039	18.817 ug/ml
11) T n-Heneicosane (C21)	13.148	2536547	18.847 ug/ml
13) T n-Docosane (C22)	13.732	2511313	18.832 ug/ml
14) T n-Tetracosane (C24)	14.834	2608189	19.398 ug/ml
15) T n-Hexacosane (C26)	15.853	2570850	19.206 ug/ml
16) T n-Octacosane (C28)	16.801	2628796	19.415 ug/ml
17) T n-Tricontane (C30)	17.687	2770083	20.025 ug/ml
18) T n-Dotriacontane (C32)	18.519	2861815	20.271 ug/ml
19) T n-Tetratriacontane (C34)	19.296	2774097	20.102 ug/ml
20) T n-Hexatriacontane (C36)	20.036	2451177	19.177 ug/ml
21) T n-Octatriacontane (C38)	20.767	2582614	20.974 ug/ml
22) T n-Tetracontane (C40)	21.666	2575150	21.883 ug/ml

(f)=RT Delta > 1/2 Window

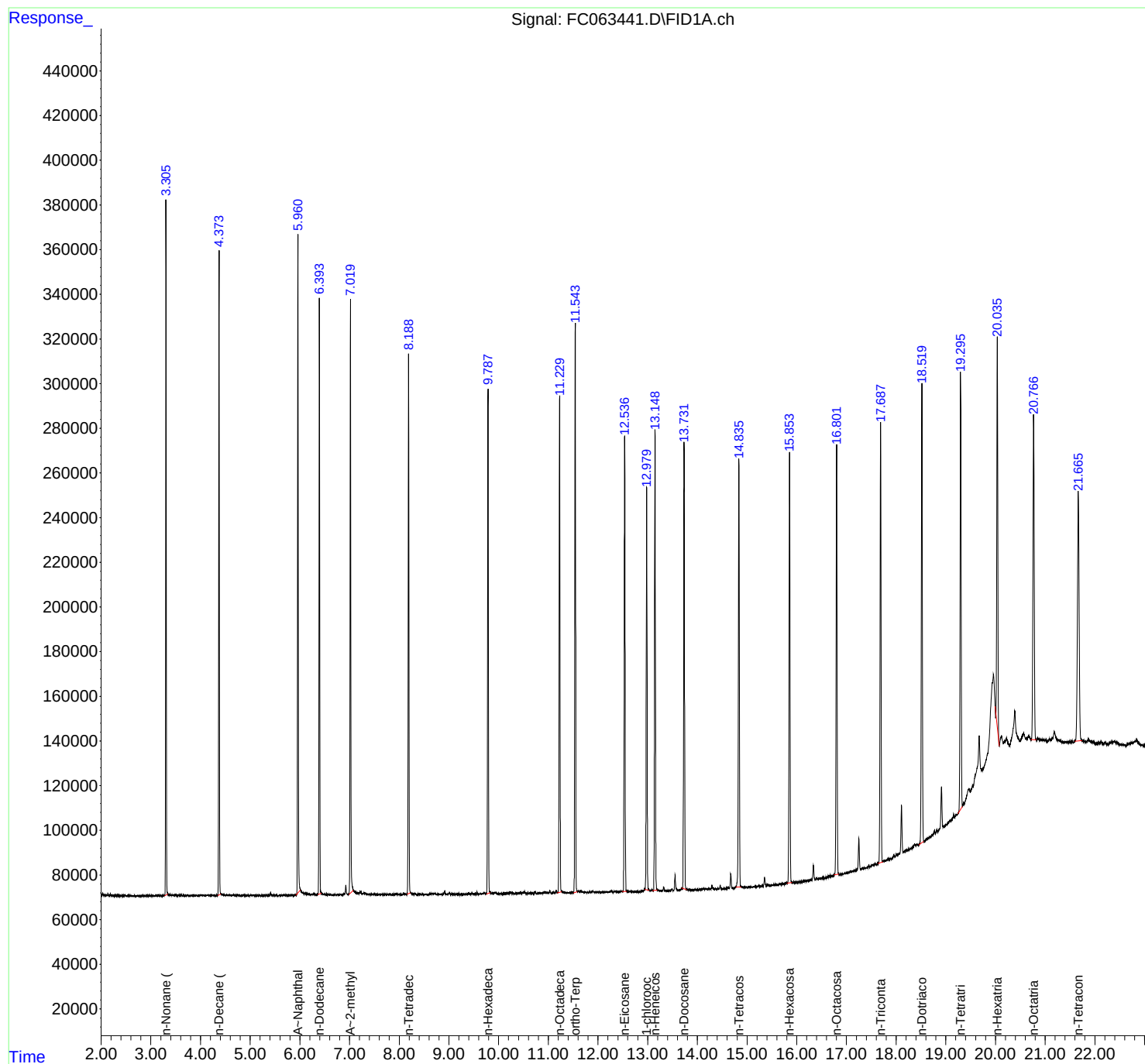
(m)=manual int.

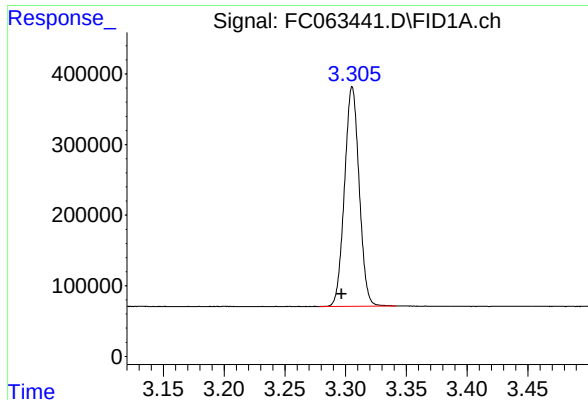
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
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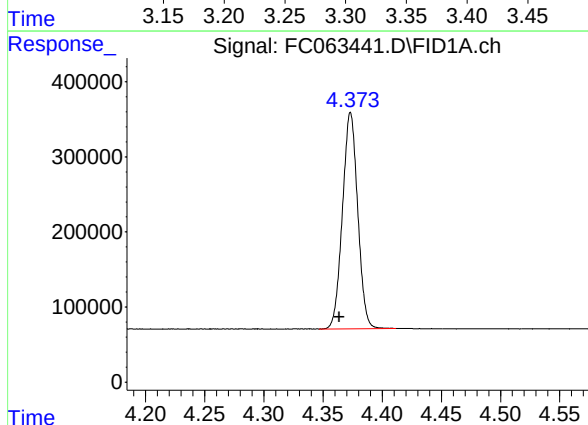




#1 n-Nonane (C9)

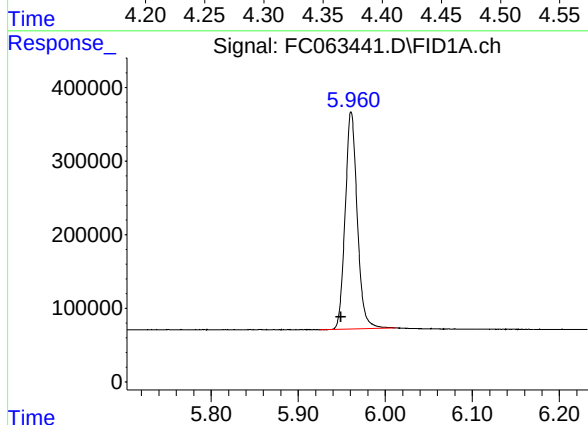
R.T.: 3.306 min
Delta R.T.: 0.009 min
Response: 2614355
Conc: 18.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



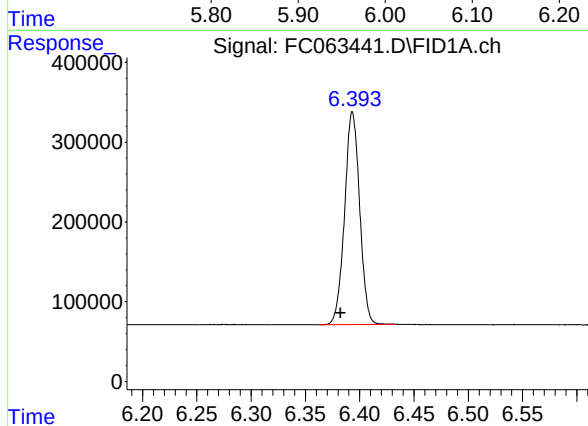
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: 0.010 min
Response: 2585783
Conc: 18.98 ug/ml



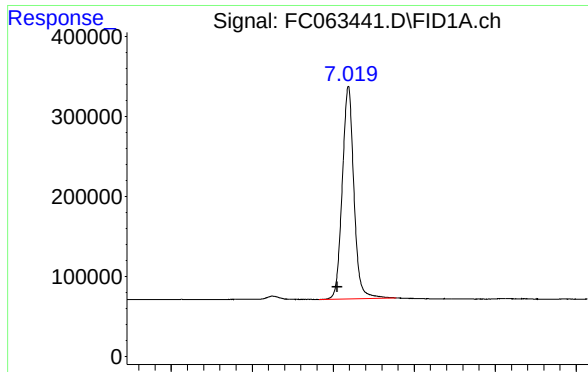
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.012 min
Response: 2838179
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

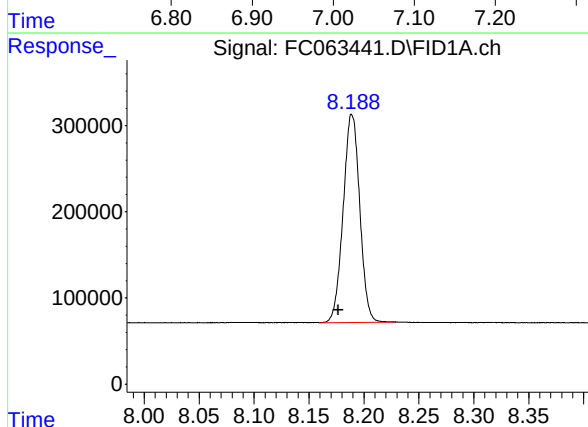
R.T.: 6.393 min
Delta R.T.: 0.011 min
Response: 2578190
Conc: 19.16 ug/ml



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

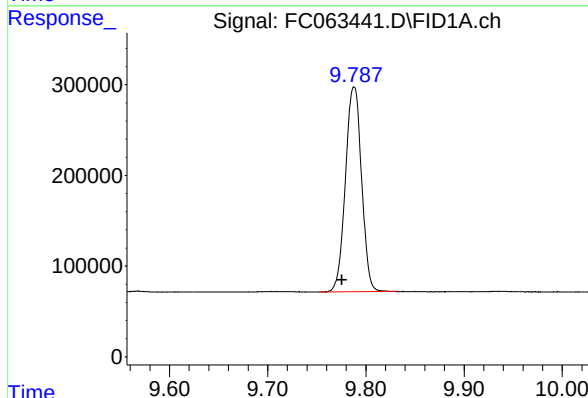
R.T.: 7.019 min
Delta R.T.: 0.014 min
Response: 2657591
Conc: 19.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



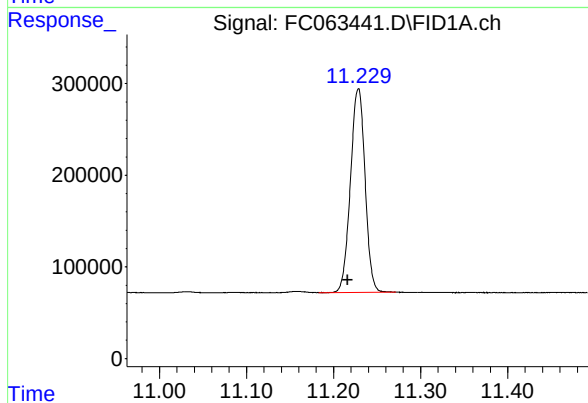
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: 0.013 min
Response: 2537138
Conc: 18.74 ug/ml



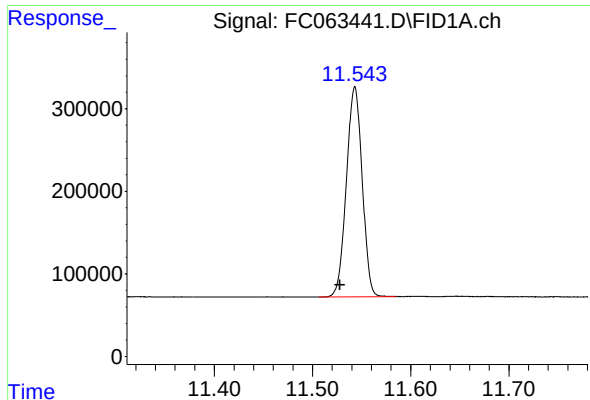
#7 n-Hexadecane (C16)

R.T.: 9.788 min
Delta R.T.: 0.012 min
Response: 2577997
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

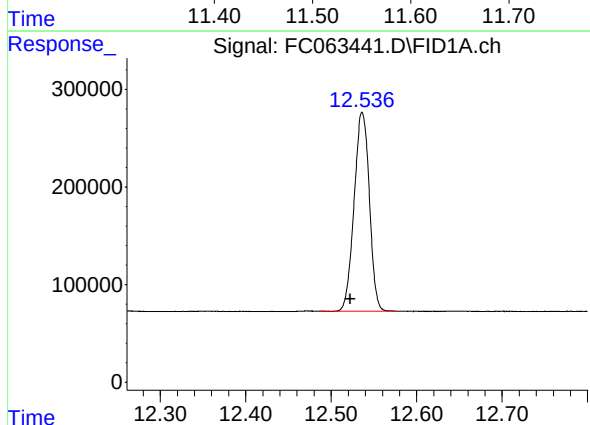
R.T.: 11.229 min
Delta R.T.: 0.013 min
Response: 2591271
Conc: 18.71 ug/ml



#9 ortho-Terphenyl (SURR)

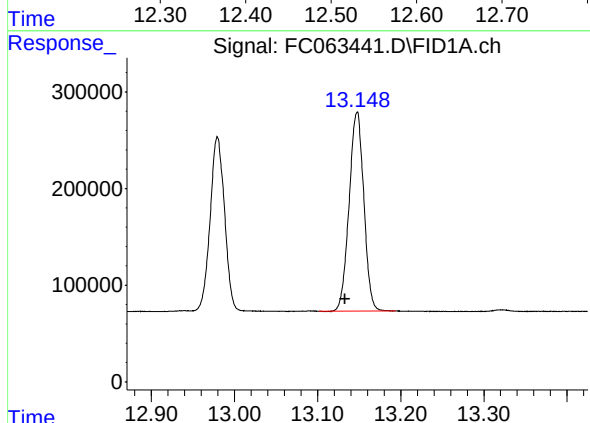
R.T.: 11.543 min
Delta R.T.: 0.015 min
Response: 2846131
Conc: 18.71 ug/ml

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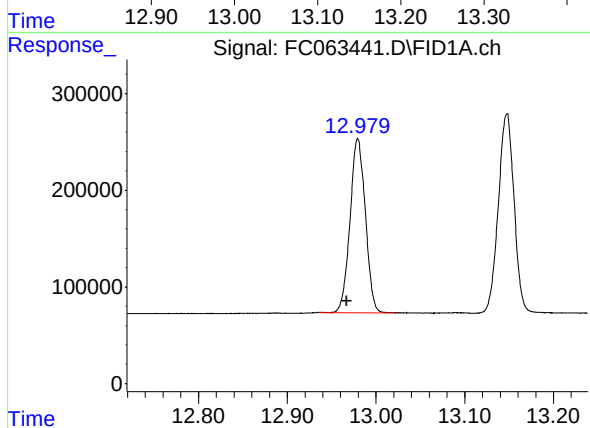
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: 0.014 min
Response: 2528039
Conc: 18.82 ug/ml



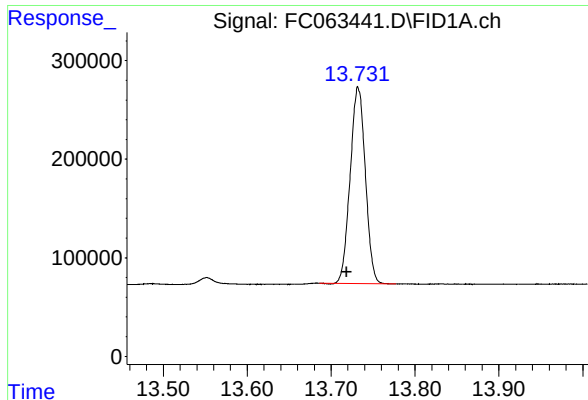
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: 0.014 min
Response: 2536547
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

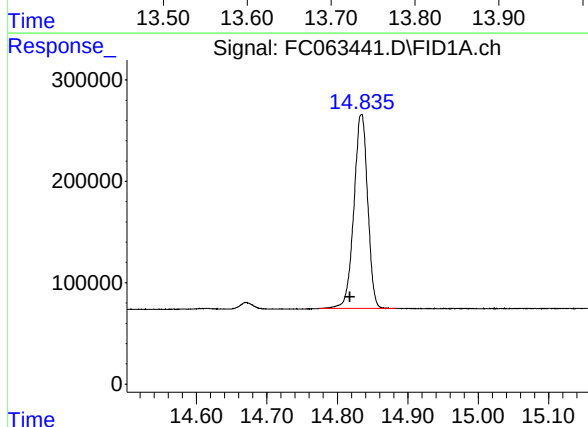
R.T.: 12.979 min
Delta R.T.: 0.013 min
Response: 2160087
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

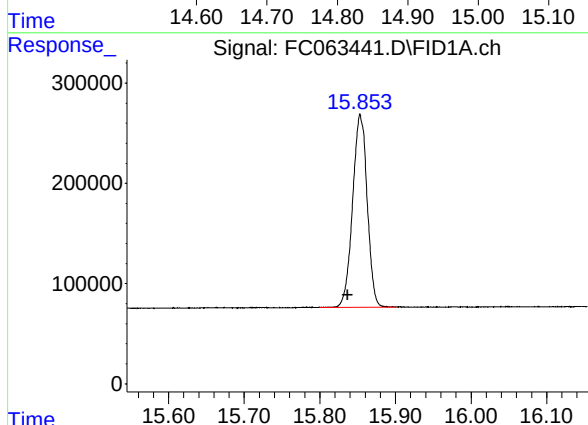
R.T.: 13.732 min
Delta R.T.: 0.014 min
Response: 2511313
Conc: 18.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



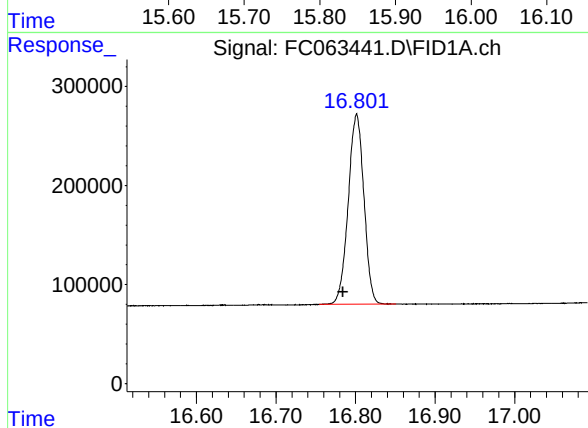
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: 0.016 min
Response: 2608189
Conc: 19.40 ug/ml



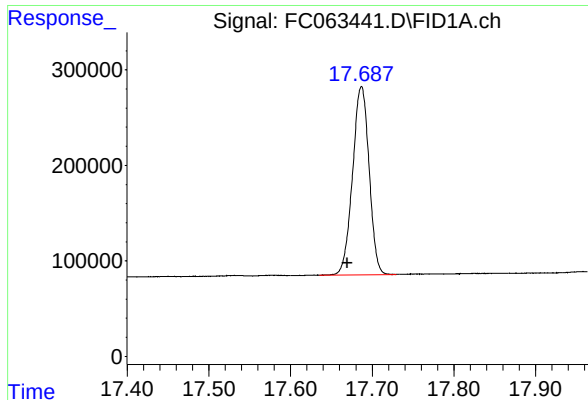
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: 0.017 min
Response: 2570850
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

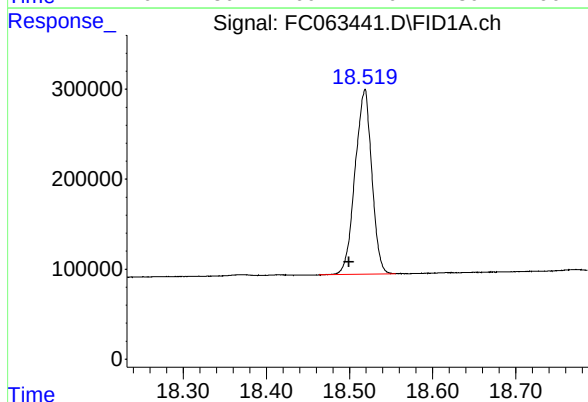
R.T.: 16.801 min
Delta R.T.: 0.017 min
Response: 2628796
Conc: 19.41 ug/ml



#17 n-Tricontane (C30)

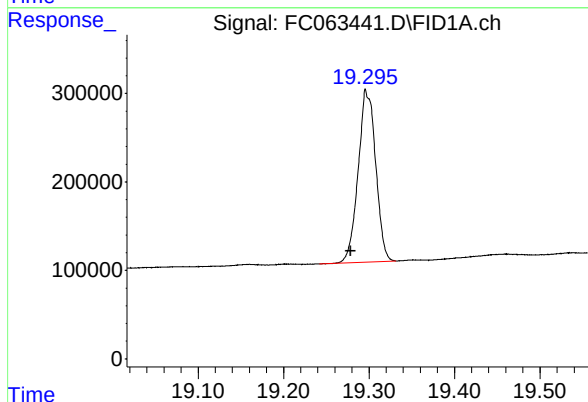
R.T.: 17.687 min
Delta R.T.: 0.018 min
Response: 2770083
Conc: 20.02 ug/ml

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20 PPM ALIPHATIC HC STD



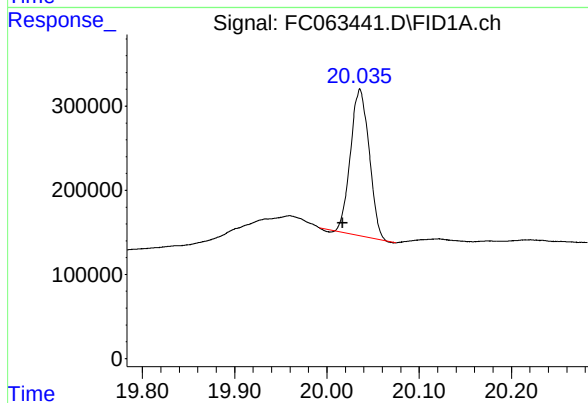
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: 0.019 min
Response: 2861815
Conc: 20.27 ug/ml



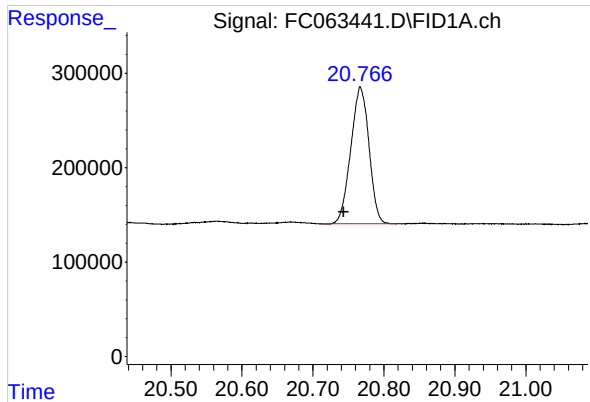
#19 n-Tetatriacontane (C34)

R.T.: 19.296 min
Delta R.T.: 0.018 min
Response: 2774097
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

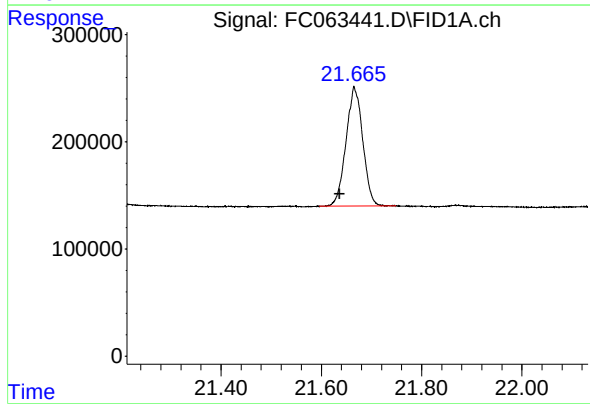
R.T.: 20.036 min
Delta R.T.: 0.019 min
Response: 2451177
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: 0.024 min
Response: 2582614
Conc: 20.97 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: 0.029 min
Response: 2575150
Conc: 21.88 ug/ml