

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022725AL\
 Data File : FC068305.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 08:35
 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: Mar 05 04:43:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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)	11.397	3012962	19.636 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	12.839	2209163	19.641 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.204	2820945	20.053 ug/ml
2) T n-Decane (C10)	4.261	2860467	20.191 ug/ml
3) T A~Naphthalene (C11.7)	5.828	3080036	20.126 ug/ml
4) T n-Dodecane (C12)	6.270	2826630	20.081 ug/ml
5) T A~2-methylnaphthalene...	6.881	2922228	20.177 ug/ml
6) T n-Tetradecane (C14)	8.059	2724880	19.985 ug/ml
7) T n-Hexadecane (C16)	9.654	2745305	20.044 ug/ml
8) T n-Octadecane (C18)	11.092	2735800	20.005 ug/ml
10) T n-Eicosane (C20)	12.399	2602340	19.974 ug/ml
11) T n-Heneicosane (C21)	13.008	2553176	19.970 ug/ml
13) T n-Docosane (C22)	13.594	2520745	20.001 ug/ml
14) T n-Tetracosane (C24)	14.694	2501773	20.114 ug/ml
15) T n-Hexacosane (C26)	15.714	2450259	20.151 ug/ml
16) T n-Octacosane (C28)	16.662	2402561	20.229 ug/ml
17) T n-Tricontane (C30)	17.549	2463685	20.468 ug/ml
18) T n-Dotriacontane (C32)	18.380	2409233	20.757 ug/ml
19) T n-Tetratriacontane (C34)	19.163	2161619	20.004 ug/ml
20) T n-Hexatriacontane (C36)	19.902	1892710	19.681 ug/ml
21) T n-Octatriacontane (C38)	20.613	1790381	19.916 ug/ml
22) T n-Tetracontane (C40)	21.466	1701675	19.668 ug/ml

(f)=RT Delta > 1/2 Window

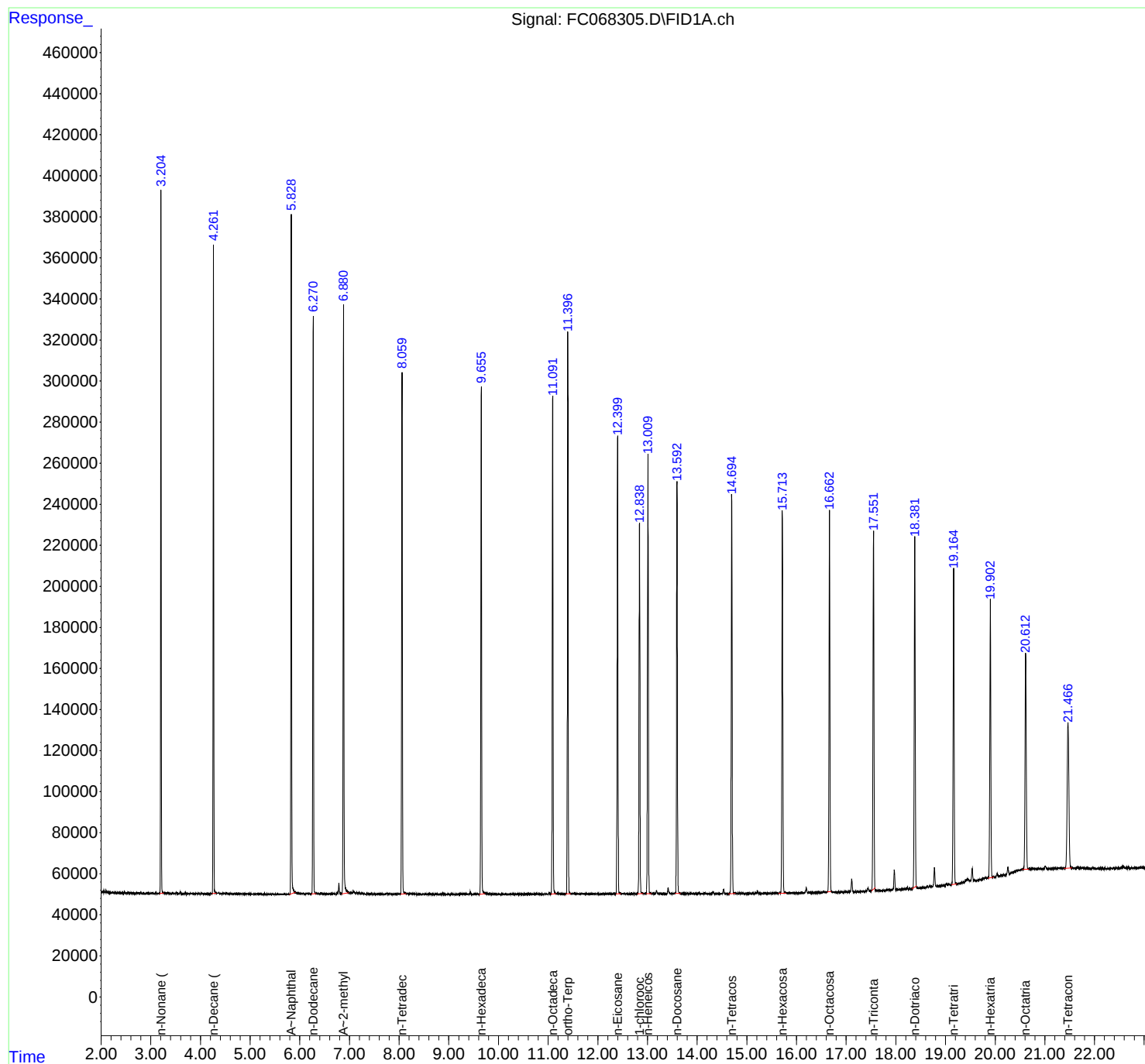
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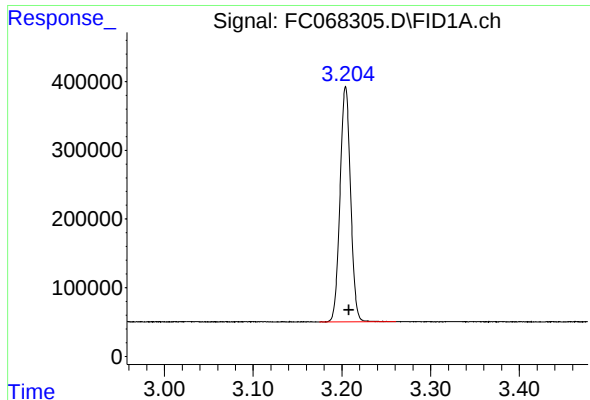
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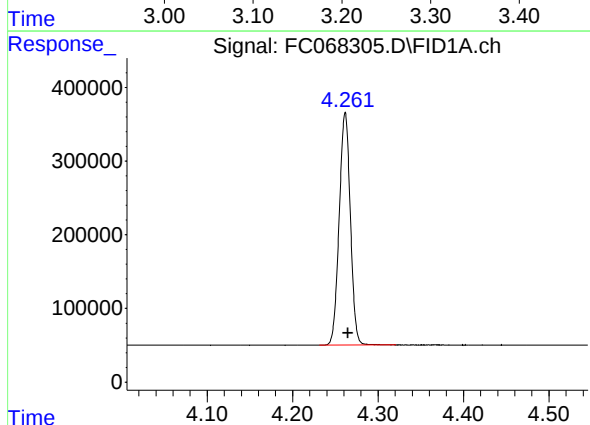




#1 n-Nonane (C9)

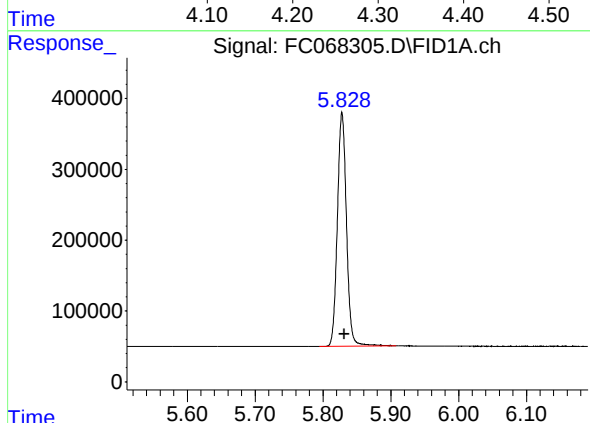
R.T.: 3.204 min
Delta R.T.: -0.004 min
Response: 2820945
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



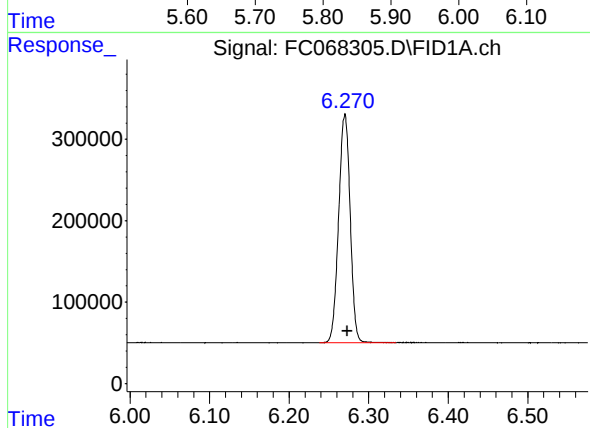
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 2860467
Conc: 20.19 ug/ml



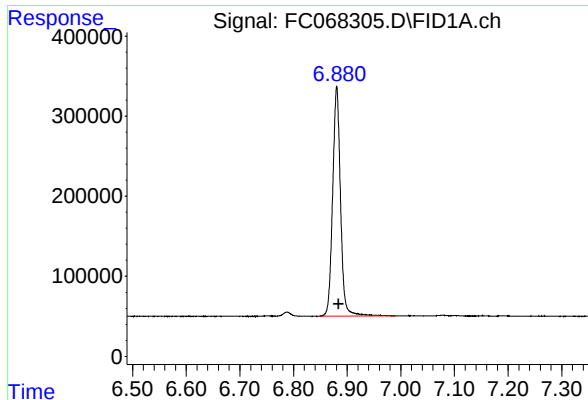
#3 A~Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.003 min
Response: 3080036
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

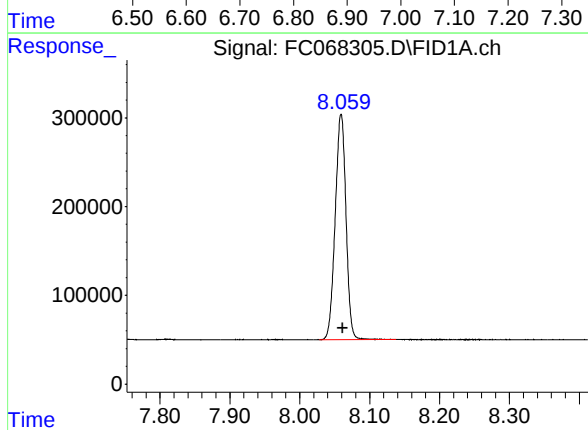
R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 2826630
Conc: 20.08 ug/ml



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

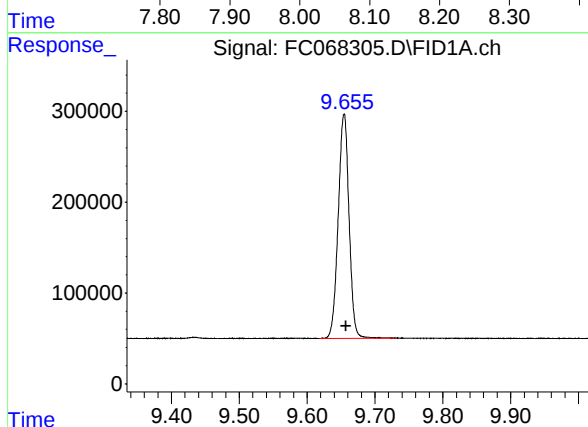
R.T.: 6.881 min
Delta R.T.: -0.003 min
Response: 2922228
Conc: 20.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



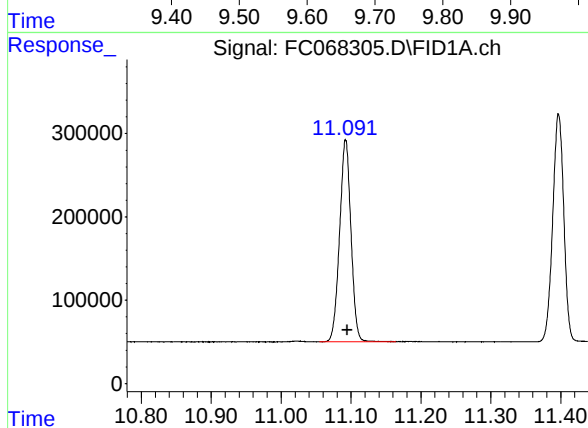
#6 n-Tetradecane (C14)

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 2724880
Conc: 19.99 ug/ml



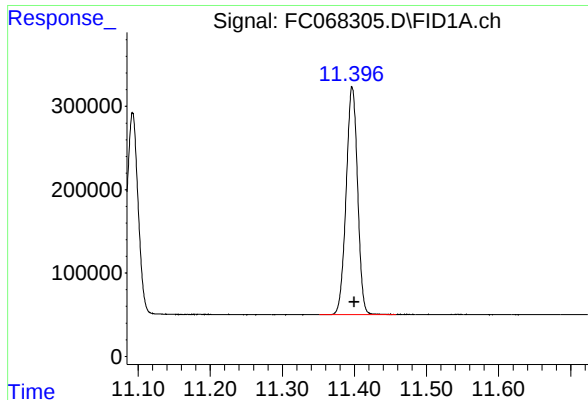
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: -0.003 min
Response: 2745305
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

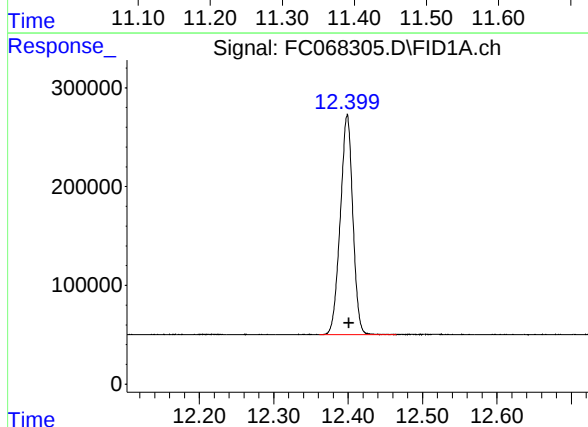
R.T.: 11.092 min
Delta R.T.: -0.002 min
Response: 2735800
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

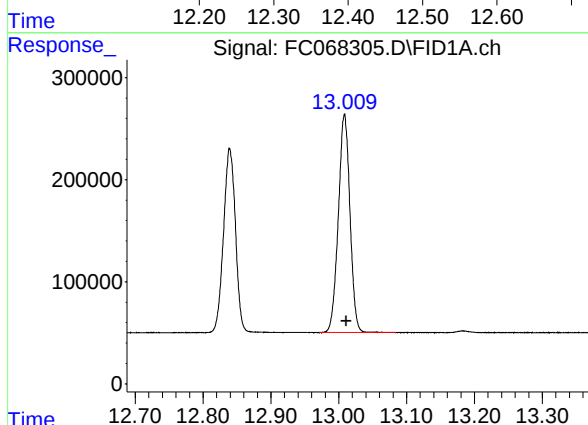
R.T.: 11.397 min
Delta R.T.: -0.003 min
Response: 3012962
Conc: 19.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



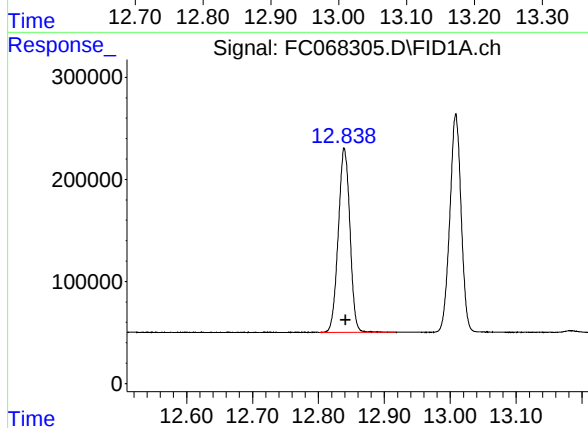
#10 n-Eicosane (C20)

R.T.: 12.399 min
Delta R.T.: -0.002 min
Response: 2602340
Conc: 19.97 ug/ml



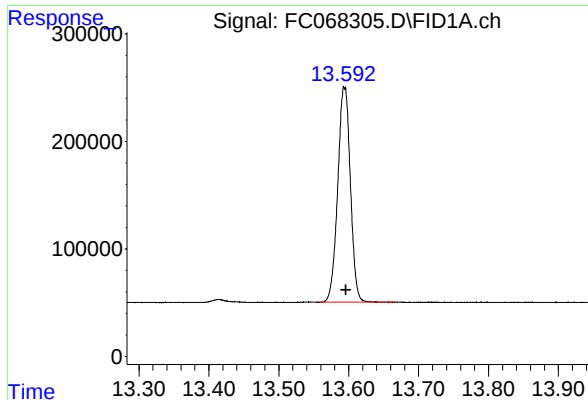
#11 n-Heneicosane (C21)

R.T.: 13.008 min
Delta R.T.: -0.002 min
Response: 2553176
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

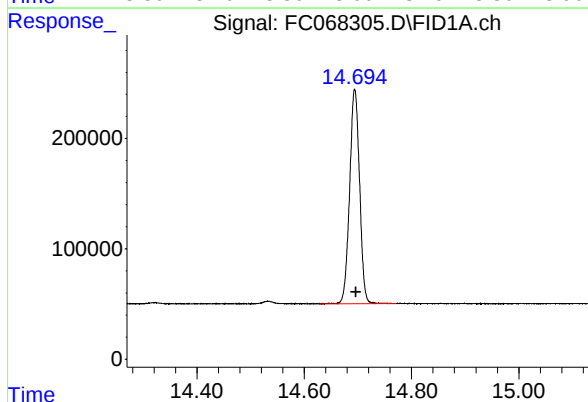
R.T.: 12.839 min
Delta R.T.: -0.002 min
Response: 2209163
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

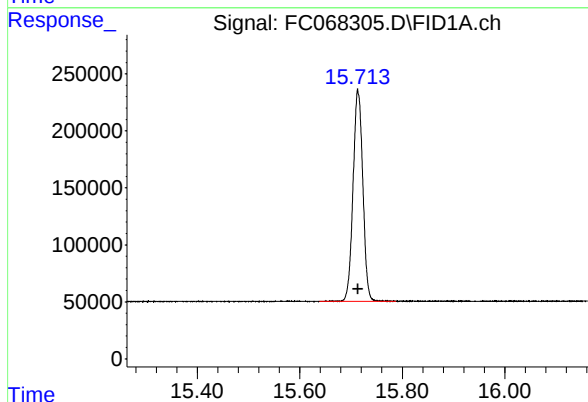
R.T.: 13.594 min
Delta R.T.: -0.002 min
Response: 2520745
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



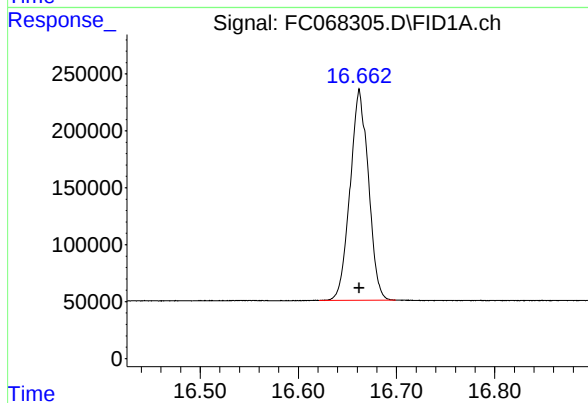
#14 n-Tetracosane (C24)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 2501773
Conc: 20.11 ug/ml



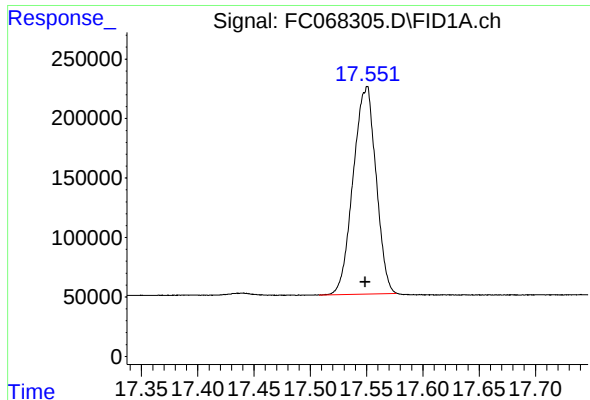
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: 0.000 min
Response: 2450259
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

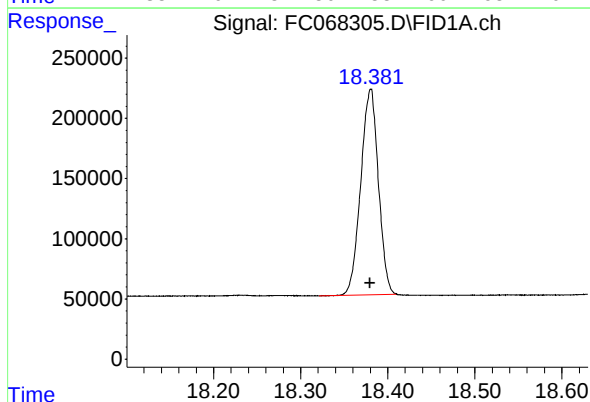
R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2402561
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

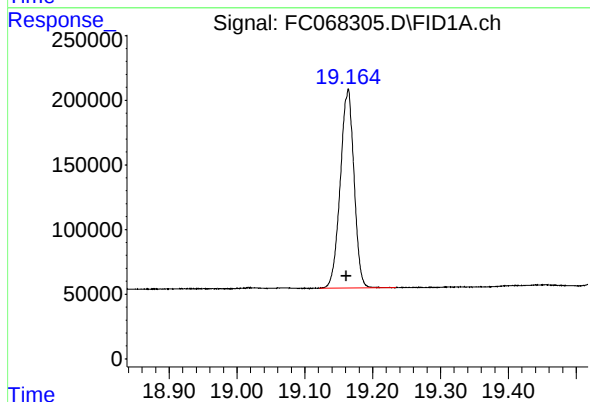
R.T.: 17.549 min
Delta R.T.: 0.000 min
Response: 2463685
Conc: 20.47 ug/ml

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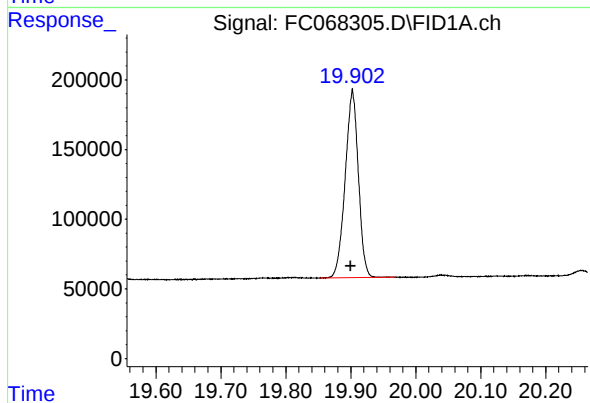
#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 2409233
Conc: 20.76 ug/ml



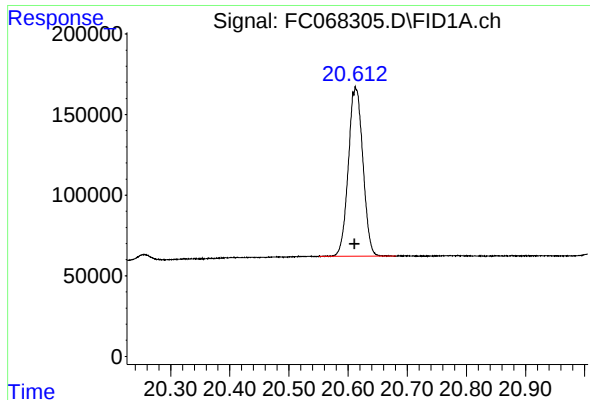
#19 n-Tetatriacontane (C34)

R.T.: 19.163 min
Delta R.T.: 0.002 min
Response: 2161619
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

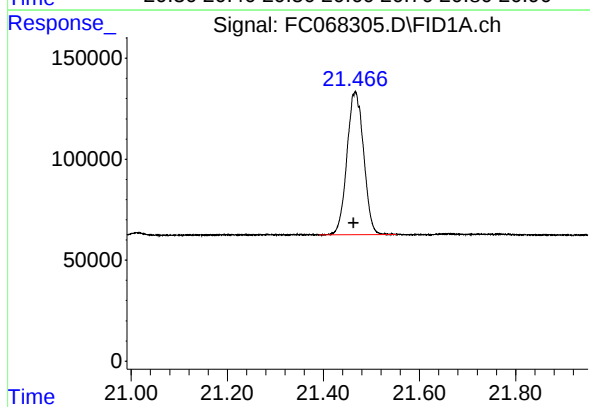
R.T.: 19.902 min
Delta R.T.: 0.002 min
Response: 1892710
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.613 min
Delta R.T.: 0.002 min
Response: 1790381
Conc: 19.92 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.466 min
Delta R.T.: 0.003 min
Response: 1701675
Conc: 19.67 ug/ml