

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030425AL\
 Data File : FC068351.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 13:10
 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 04:31:56 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)	11.392	3077688	20.057 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	12.834	2228604	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
Target Compounds			
1) T n-Nonane (C9)	3.201	2903700	20.641 ug/ml
2) T n-Decane (C10)	4.258	2924411	20.642 ug/ml
3) T A~Naphthalene (C11.7)	5.824	3135477	20.489 ug/ml
4) T n-Dodecane (C12)	6.266	2889981	20.531 ug/ml
5) T A~2-methylnaphthalene...	6.876	2941991	20.314 ug/ml
6) T n-Tetradecane (C14)	8.054	2762727	20.263 ug/ml
7) T n-Hexadecane (C16)	9.650	2779820	20.296 ug/ml
8) T n-Octadecane (C18)	11.088	2776892	20.305 ug/ml
10) T n-Eicosane (C20)	12.393	2637760	20.246 ug/ml
11) T n-Heneicosane (C21)	13.003	2586710	20.233 ug/ml
13) T n-Docosane (C22)	13.589	2553071	20.258 ug/ml
14) T n-Tetracosane (C24)	14.690	2521440	20.273 ug/ml
15) T n-Hexacosane (C26)	15.709	2473326	20.341 ug/ml
16) T n-Octacosane (C28)	16.656	2425599	20.423 ug/ml
17) T n-Tricontane (C30)	17.542	2453527	20.384 ug/ml
18) T n-Dotriacontane (C32)	18.374	2379593	20.502 ug/ml
19) T n-Tetratriacontane (C34)	19.156	2119806	19.617 ug/ml
20) T n-Hexatriacontane (C36)	19.894	1883833	19.589 ug/ml
21) T n-Octatriacontane (C38)	20.606	1799793	20.020 ug/ml
22) T n-Tetracontane (C40)	21.458	1687341	19.502 ug/ml

(f)=RT Delta > 1/2 Window

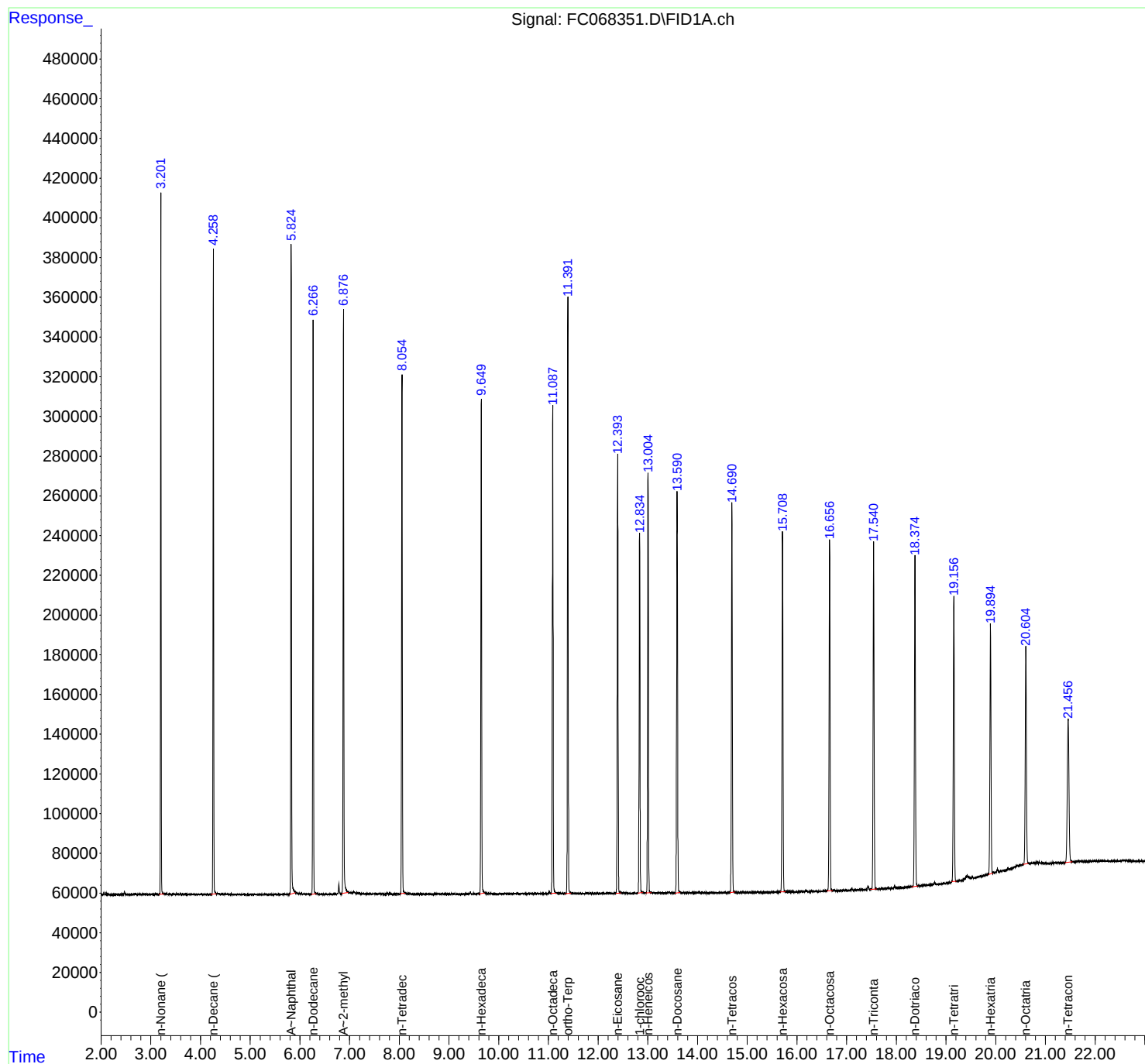
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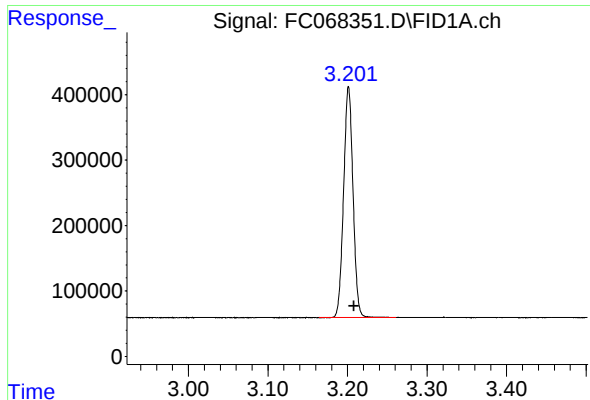
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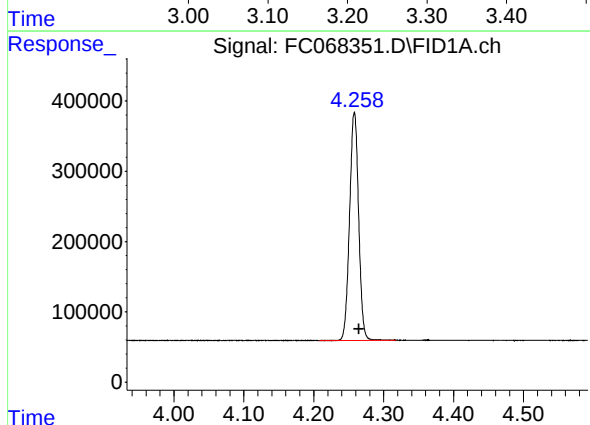




#1 n-Nonane (C9)

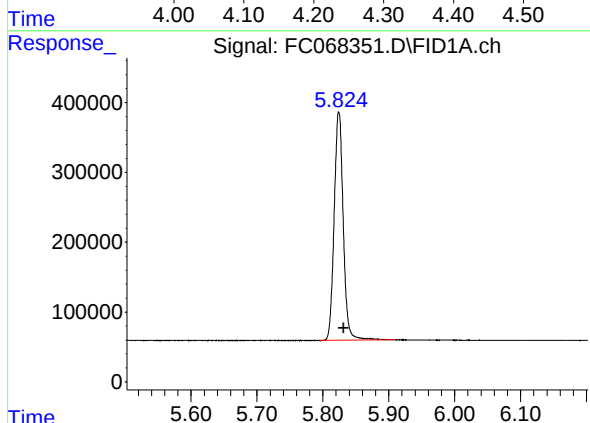
R.T.: 3.201 min
Delta R.T.: -0.007 min
Response: 2903700
Conc: 20.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



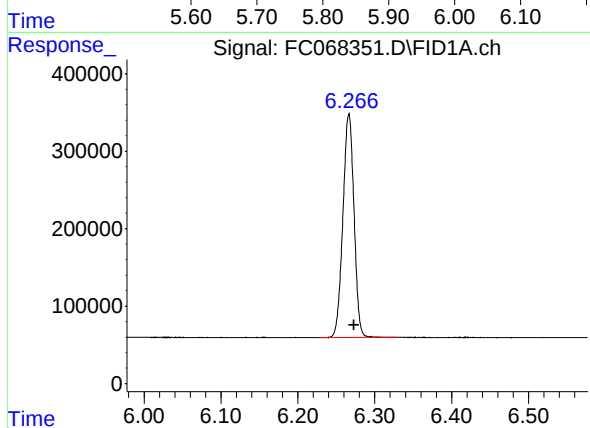
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.007 min
Response: 2924411
Conc: 20.64 ug/ml



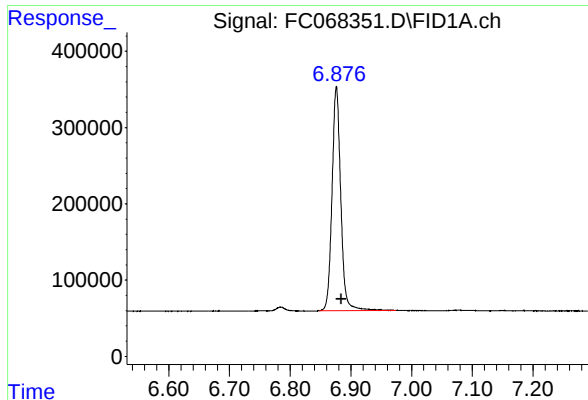
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: -0.007 min
Response: 3135477
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

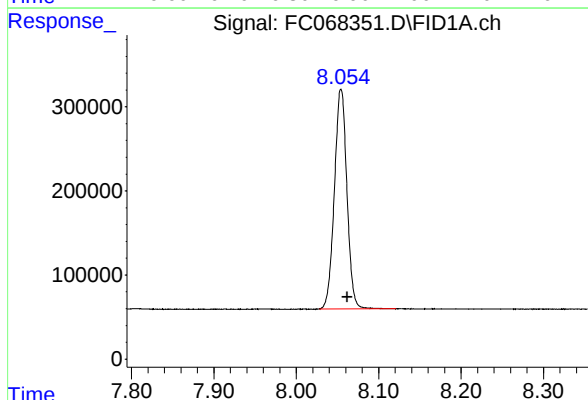
R.T.: 6.266 min
Delta R.T.: -0.007 min
Response: 2889981
Conc: 20.53 ug/ml



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

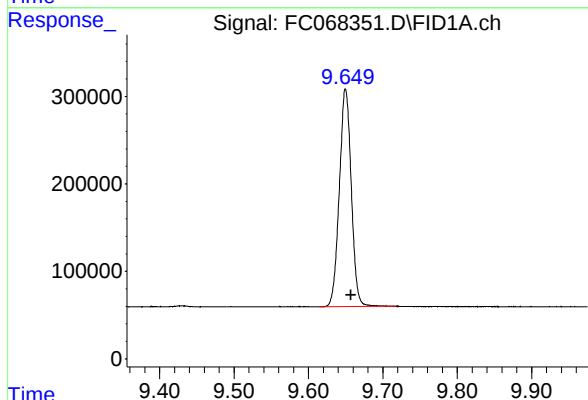
R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 2941991
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



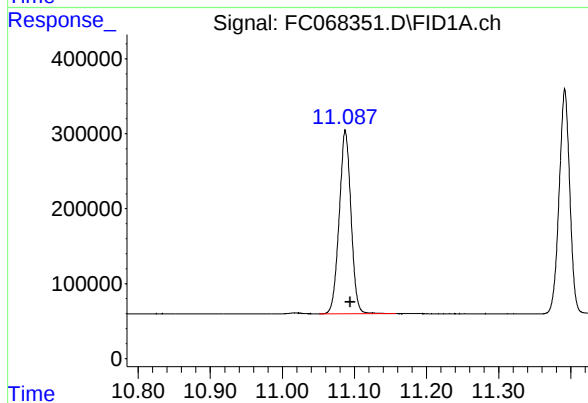
#6 n-Tetradecane (C14)

R.T.: 8.054 min
Delta R.T.: -0.007 min
Response: 2762727
Conc: 20.26 ug/ml



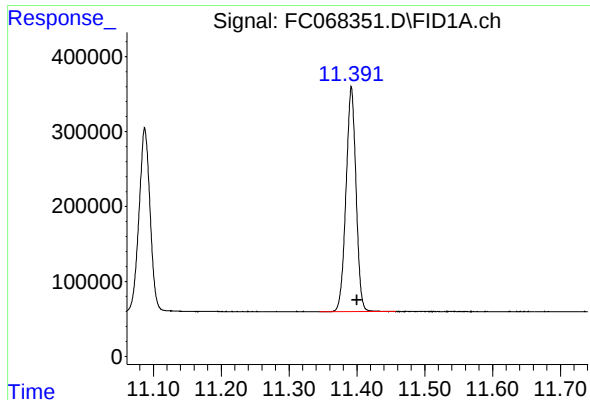
#7 n-Hexadecane (C16)

R.T.: 9.650 min
Delta R.T.: -0.007 min
Response: 2779820
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

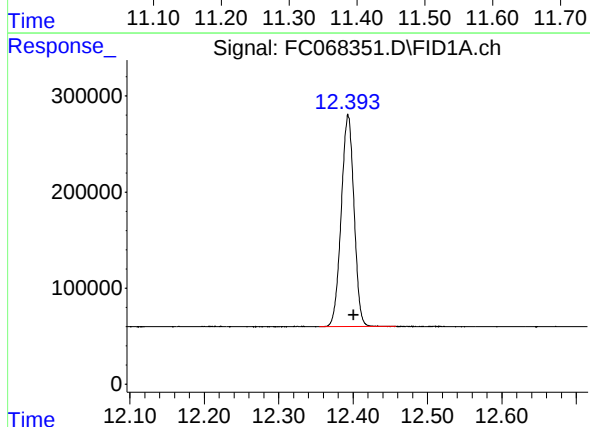
R.T.: 11.088 min
Delta R.T.: -0.007 min
Response: 2776892
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

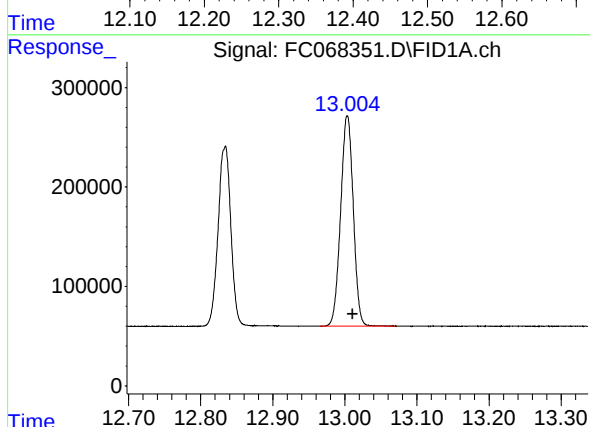
R.T.: 11.392 min
Delta R.T.: -0.008 min
Response: 3077688
Conc: 20.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



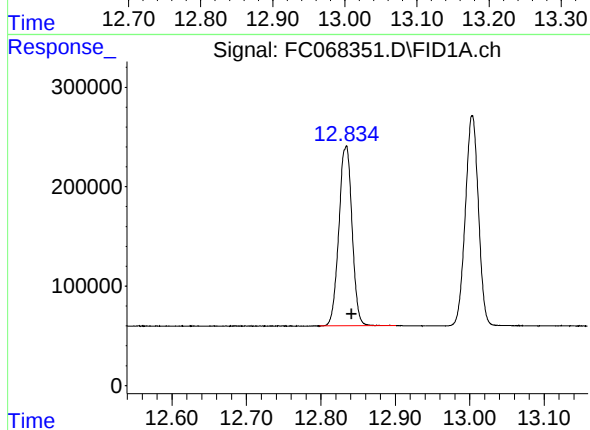
#10 n-Eicosane (C20)

R.T.: 12.393 min
Delta R.T.: -0.008 min
Response: 2637760
Conc: 20.25 ug/ml



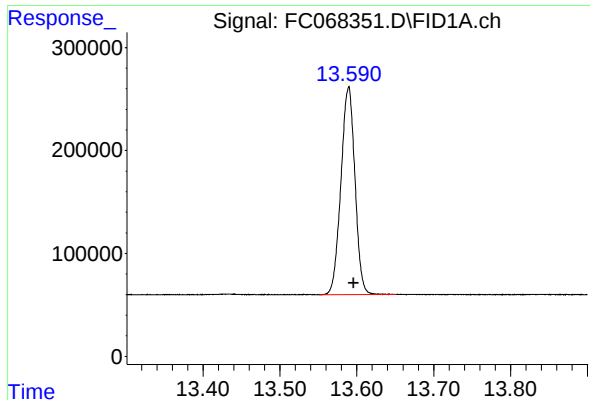
#11 n-Heneicosane (C21)

R.T.: 13.003 min
Delta R.T.: -0.007 min
Response: 2586710
Conc: 20.23 ug/ml



#12 1-chlorooctadecane (SURR)

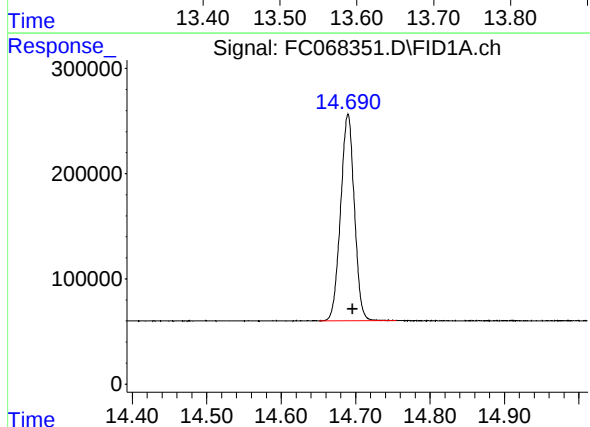
R.T.: 12.834 min
Delta R.T.: -0.008 min
Response: 2228604
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

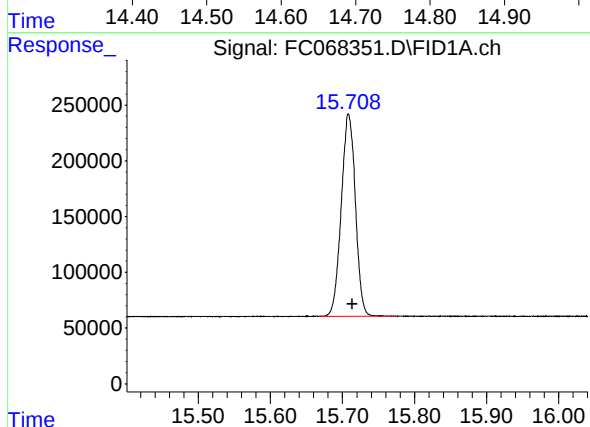
R.T.: 13.589 min
Delta R.T.: -0.007 min
Response: 2553071
Conc: 20.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



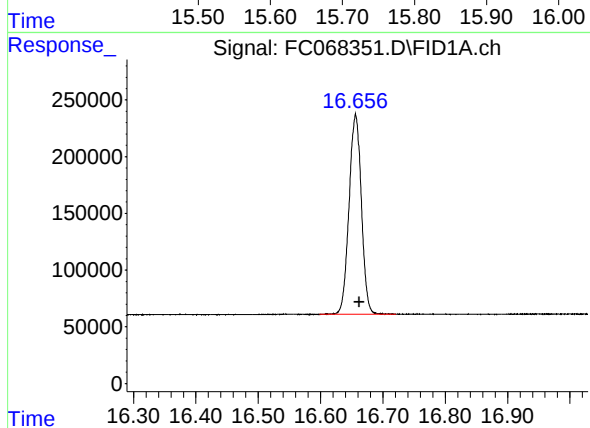
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: -0.006 min
Response: 2521440
Conc: 20.27 ug/ml



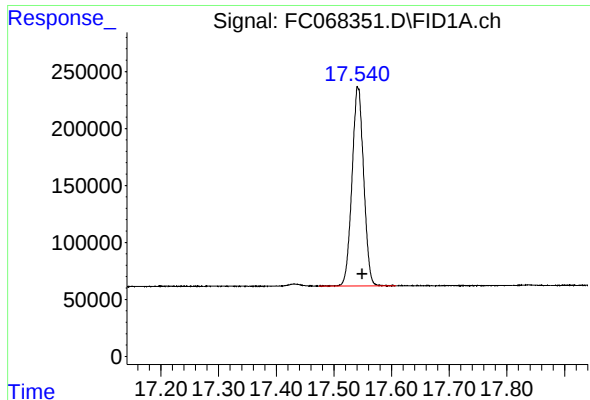
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: -0.005 min
Response: 2473326
Conc: 20.34 ug/ml



#16 n-Octacosane (C28)

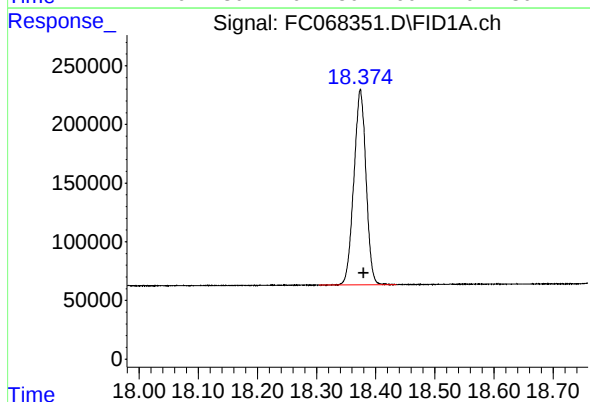
R.T.: 16.656 min
Delta R.T.: -0.006 min
Response: 2425599
Conc: 20.42 ug/ml



#17 n-Tricontane (C30)

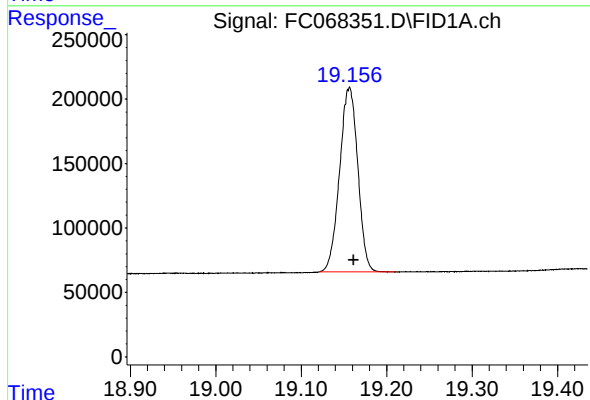
R.T.: 17.542 min
Delta R.T.: -0.007 min
Response: 2453527
Conc: 20.38 ug/ml

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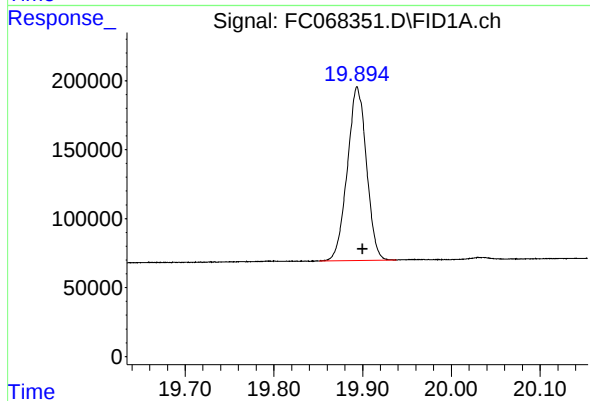
#18 n-Dotriacontane (C32)

R.T.: 18.374 min
Delta R.T.: -0.006 min
Response: 2379593
Conc: 20.50 ug/ml



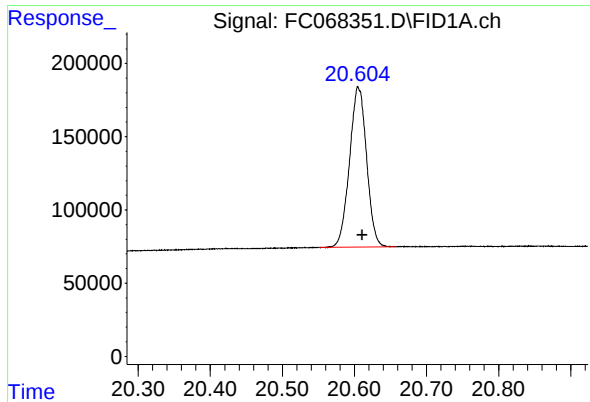
#19 n-Tetatriacontane (C34)

R.T.: 19.156 min
Delta R.T.: -0.005 min
Response: 2119806
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

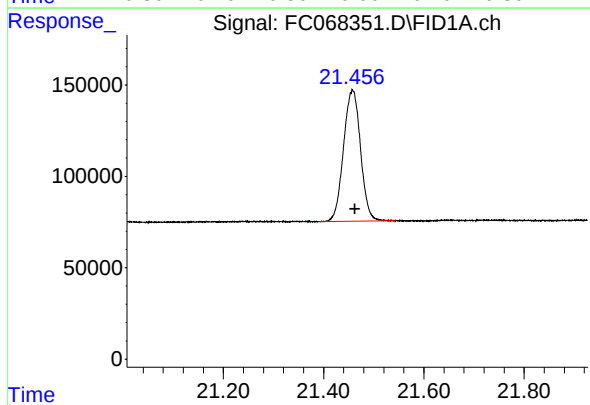
R.T.: 19.894 min
Delta R.T.: -0.006 min
Response: 1883833
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.005 min
Response: 1799793
Conc: 20.02 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.458 min
Delta R.T.: -0.005 min
Response: 1687341
Conc: 19.50 ug/ml