

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
 Data File : FC068389.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 08:00
 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 11 13:44:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:39:25 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)	11.389	3024339	18.888 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	12.831	2164793	18.691 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.201	2881524	19.744 ug/ml
2) T n-Decane (C10)	4.257	2897221	19.722 ug/ml
3) T A~Naphthalene (C11.7)	5.822	3093725	19.698 ug/ml
4) T n-Dodecane (C12)	6.264	2846853	19.499 ug/ml
5) T A~2-methylnaphthalene...	6.874	2864579	19.395 ug/ml
6) T n-Tetradecane (C14)	8.052	2690536	19.136 ug/ml
7) T n-Hexadecane (C16)	9.647	2732393	19.323 ug/ml
8) T n-Octadecane (C18)	11.085	2720336	19.210 ug/ml
10) T n-Eicosane (C20)	12.390	2583568	19.013 ug/ml
11) T n-Heneicosane (C21)	13.000	2537188	19.006 ug/ml
13) T n-Docosane (C22)	13.585	2502023	18.974 ug/ml
14) T n-Tetracosane (C24)	14.686	2512321	18.949 ug/ml
15) T n-Hexacosane (C26)	15.705	2491314	19.023 ug/ml
16) T n-Octacosane (C28)	16.652	2491743	19.219 ug/ml
17) T n-Tricontane (C30)	17.538	2627473	19.196 ug/ml
18) T n-Dotriacontane (C32)	18.369	2593344	19.240 ug/ml
19) T n-Tetratriacontane (C34)	19.151	2300605	18.484 ug/ml
20) T n-Hexatriacontane (C36)	19.891	1956727	18.104 ug/ml
21) T n-Octatriacontane (C38)	20.601	1724109	17.574 ug/ml
22) T n-Tetracontane (C40)	21.452	1376570	15.269 ug/ml

(f)=RT Delta > 1/2 Window

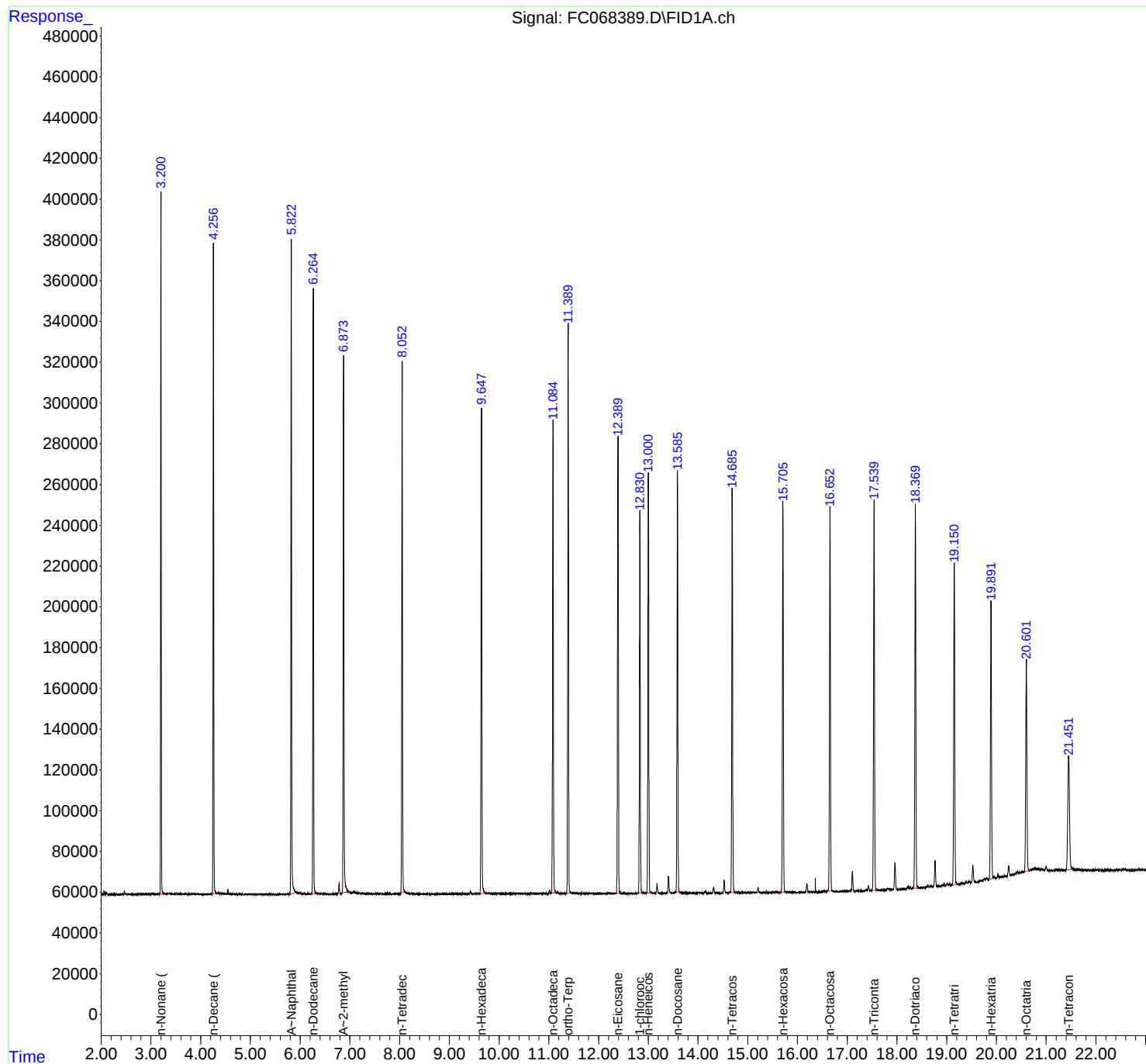
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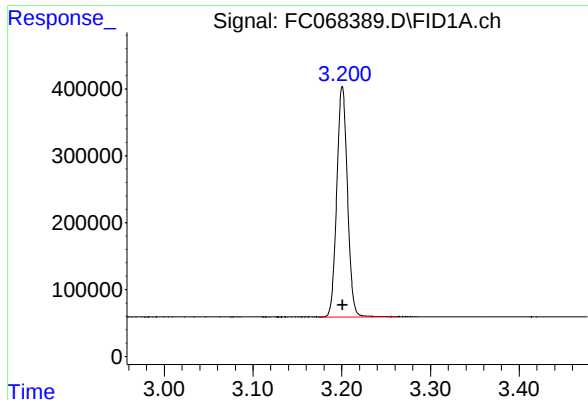
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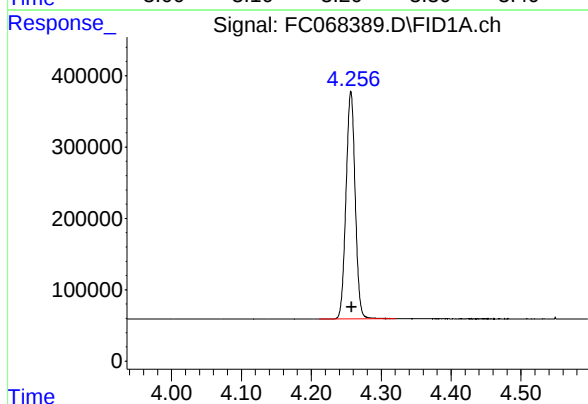




#1 n-Nonane (C9)

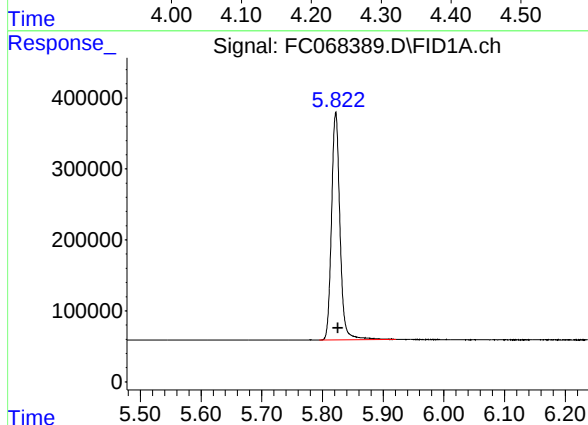
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 2881524
Conc: 19.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



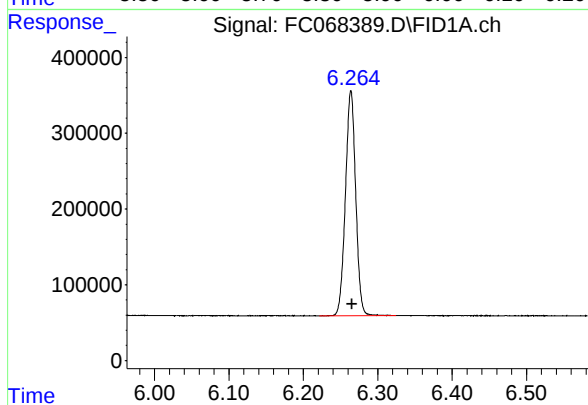
#2 n-Decane (C10)

R.T.: 4.257 min
Delta R.T.: -0.001 min
Response: 2897221
Conc: 19.72 ug/ml



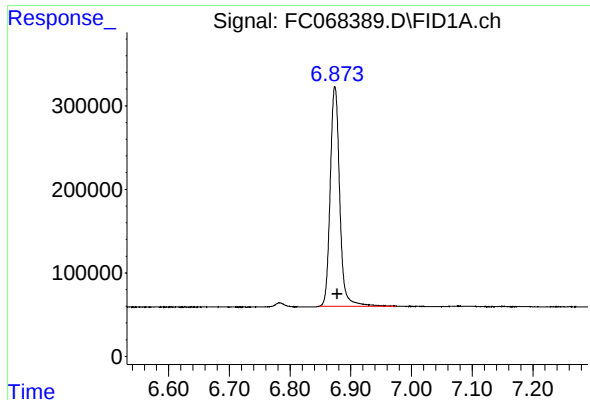
#3 A~Naphthalene (C11.7)

R.T.: 5.822 min
Delta R.T.: -0.004 min
Response: 3093725
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

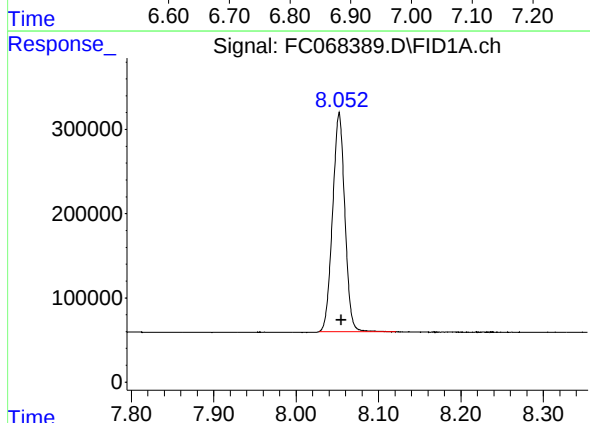
R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 2846853
Conc: 19.50 ug/ml



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

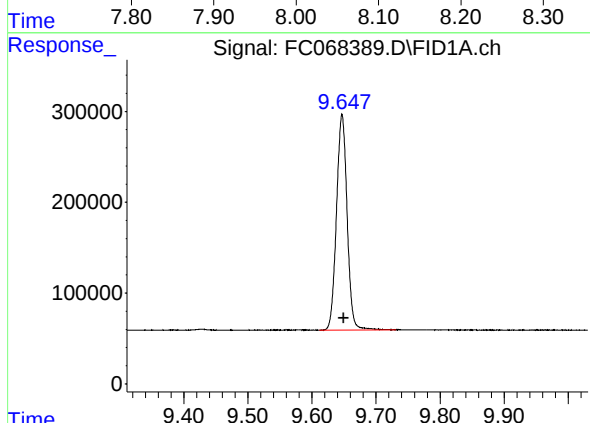
R.T.: 6.874 min
Delta R.T.: -0.004 min
Response: 2864579
Conc: 19.39 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



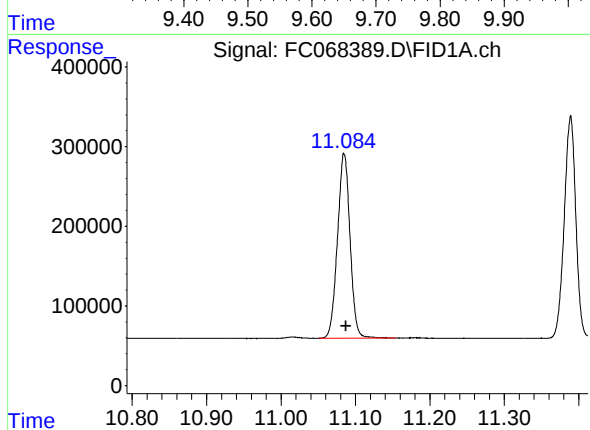
#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: -0.002 min
Response: 2690536
Conc: 19.14 ug/ml



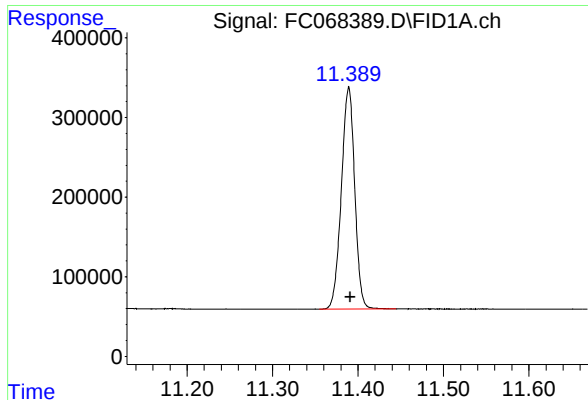
#7 n-Hexadecane (C16)

R.T.: 9.647 min
Delta R.T.: -0.002 min
Response: 2732393
Conc: 19.32 ug/ml



#8 n-Octadecane (C18)

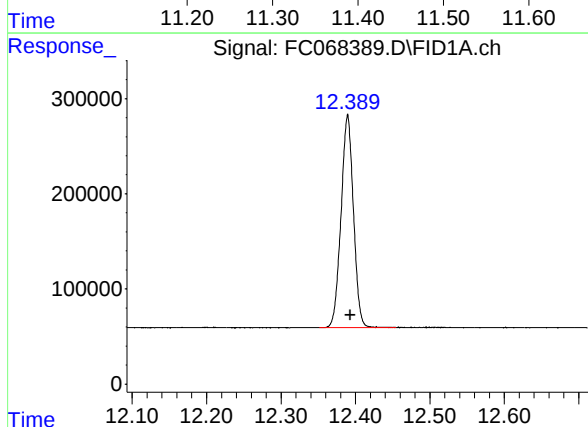
R.T.: 11.085 min
Delta R.T.: -0.002 min
Response: 2720336
Conc: 19.21 ug/ml



#9 ortho-Terphenyl (SURR)

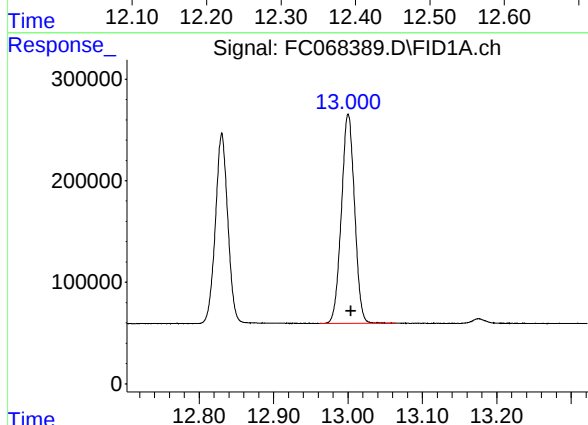
R.T.: 11.389 min
Delta R.T.: -0.002 min
Response: 3024339
Conc: 18.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



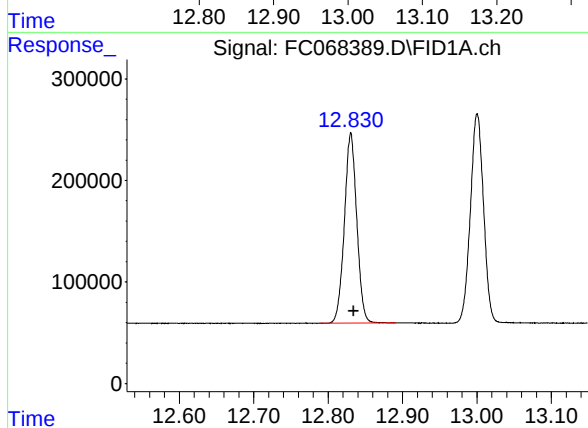
#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: -0.004 min
Response: 2583568
Conc: 19.01 ug/ml



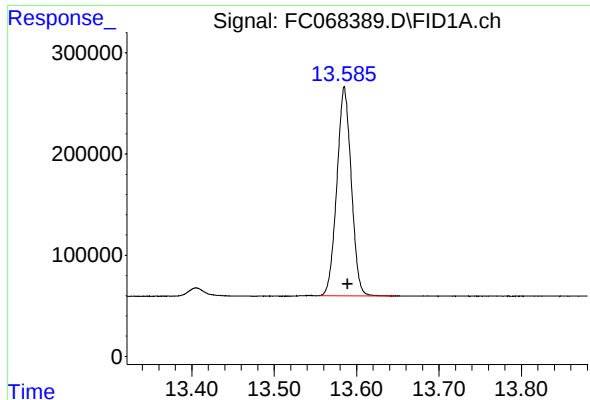
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: -0.004 min
Response: 2537188
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

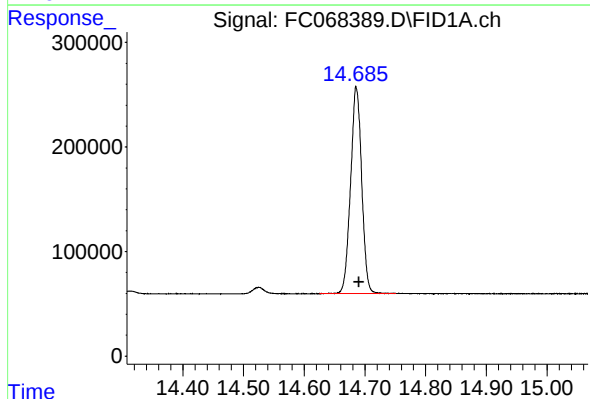
R.T.: 12.831 min
Delta R.T.: -0.004 min
Response: 2164793
Conc: 18.69 ug/ml



#13 n-Docosane (C22)

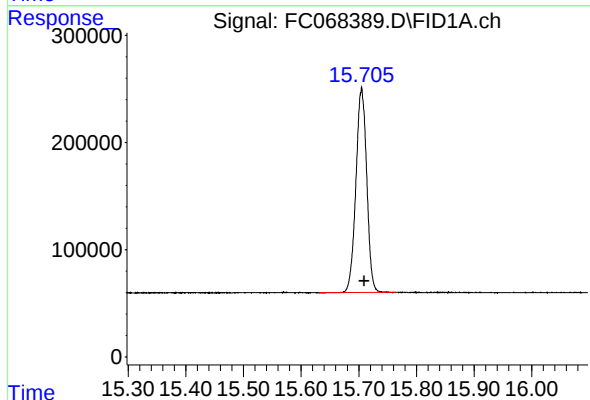
R.T.: 13.585 min
Delta R.T.: -0.004 min
Response: 2502023
Conc: 18.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



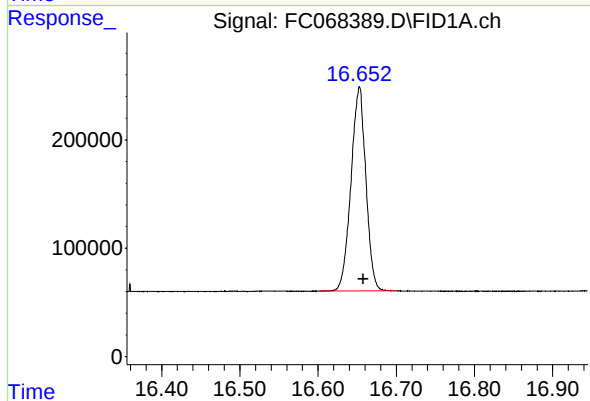
#14 n-Tetracosane (C24)

R.T.: 14.686 min
Delta R.T.: -0.004 min
Response: 2512321
Conc: 18.95 ug/ml



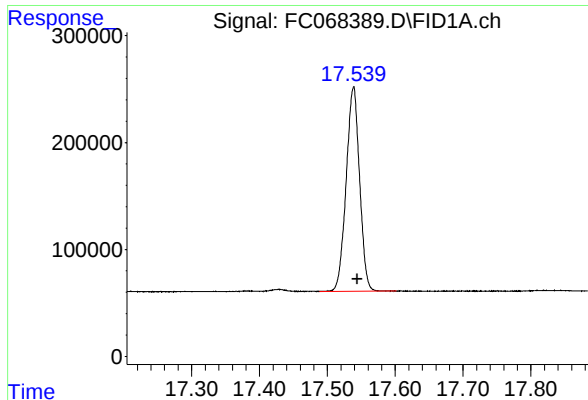
#15 n-Hexacosane (C26)

R.T.: 15.705 min
Delta R.T.: -0.005 min
Response: 2491314
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

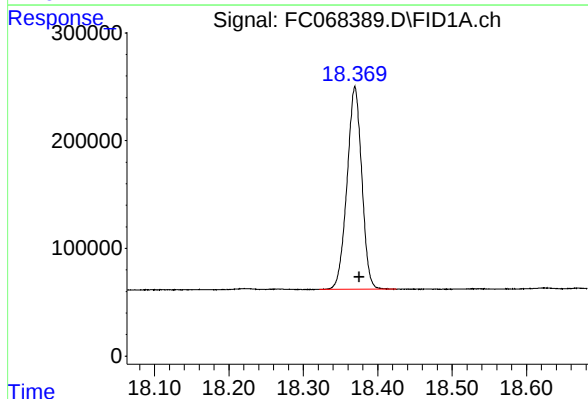
R.T.: 16.652 min
Delta R.T.: -0.005 min
Response: 2491743
Conc: 19.22 ug/ml



#17 n-Tricontane (C30)

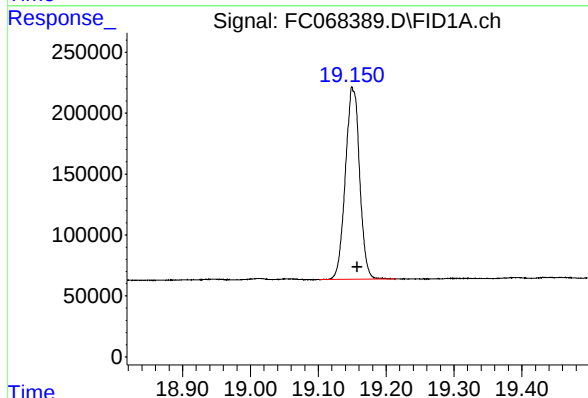
R.T.: 17.538 min
Delta R.T.: -0.006 min
Response: 2627473
Conc: 19.20 ug/ml

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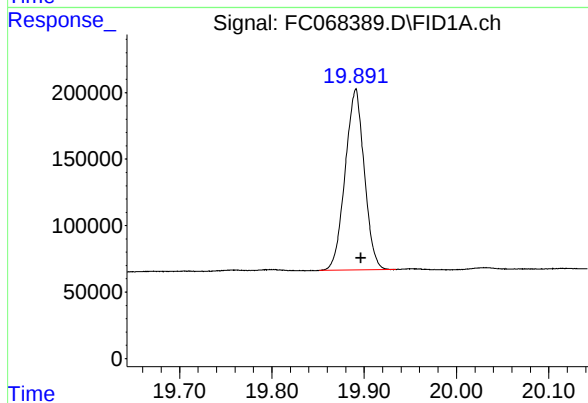
#18 n-Dotriacontane (C32)

R.T.: 18.369 min
Delta R.T.: -0.006 min
Response: 2593344
Conc: 19.24 ug/ml



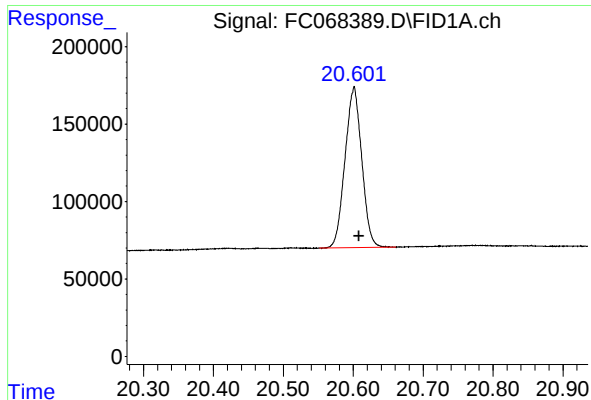
#19 n-Tetatriacontane (C34)

R.T.: 19.151 min
Delta R.T.: -0.007 min
Response: 2300605
Conc: 18.48 ug/ml



#20 n-Hexatriacontane (C36)

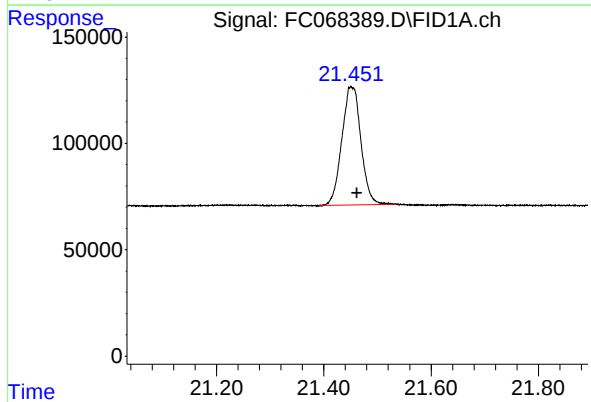
R.T.: 19.891 min
Delta R.T.: -0.006 min
Response: 1956727
Conc: 18.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.601 min
Delta R.T.: -0.008 min
Response: 1724109
Conc: 17.57 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.452 min
Delta R.T.: -0.010 min
Response: 1376570
Conc: 15.27 ug/ml