

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082923AL\
 Data File : FC064439.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2023 23:36
 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: Aug 30 01:20:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.511	4339381	20.440 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	12.945	3179098	20.850 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T n-Nonane (C9)	3.305	3481894	19.728 ug/ml
2) T n-Decane (C10)	4.365	3539231	20.176 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3788484	20.373 ug/ml
4) T n-Dodecane (C12)	6.376	3594800	20.168 ug/ml
5) T A~2-methylnaphthalene...	6.997	3691397	20.751 ug/ml
6) T n-Tetradecane (C14)	8.164	3561092	20.413 ug/ml
7) T n-Hexadecane (C16)	9.761	3611665	20.899 ug/ml
8) T n-Octadecane (C18)	11.198	3656858	20.887 ug/ml
10) T n-Eicosane (C20)	12.503	3512780	20.766 ug/ml
11) T n-Heneicosane (C21)	13.113	3444453	20.637 ug/ml
13) T n-Docosane (C22)	13.696	3394440	20.811 ug/ml
14) T n-Tetracosane (C24)	14.795	3296235	20.699 ug/ml
15) T n-Hexacosane (C26)	15.811	3165676	20.490 ug/ml
16) T n-Octacosane (C28)	16.757	3096671	20.916 ug/ml
17) T n-Tricontane (C30)	17.642	3182205	21.786 ug/ml
18) T n-Dotriacontane (C32)	18.471	3147244	22.280 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2943142	22.027 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2779403	21.721 ug/ml
21) T n-Octatriacontane (C38)	20.709	2680487	21.829 ug/ml
22) T n-Tetracontane (C40)	21.590	2619289	22.554 ug/ml

(f)=RT Delta > 1/2 Window

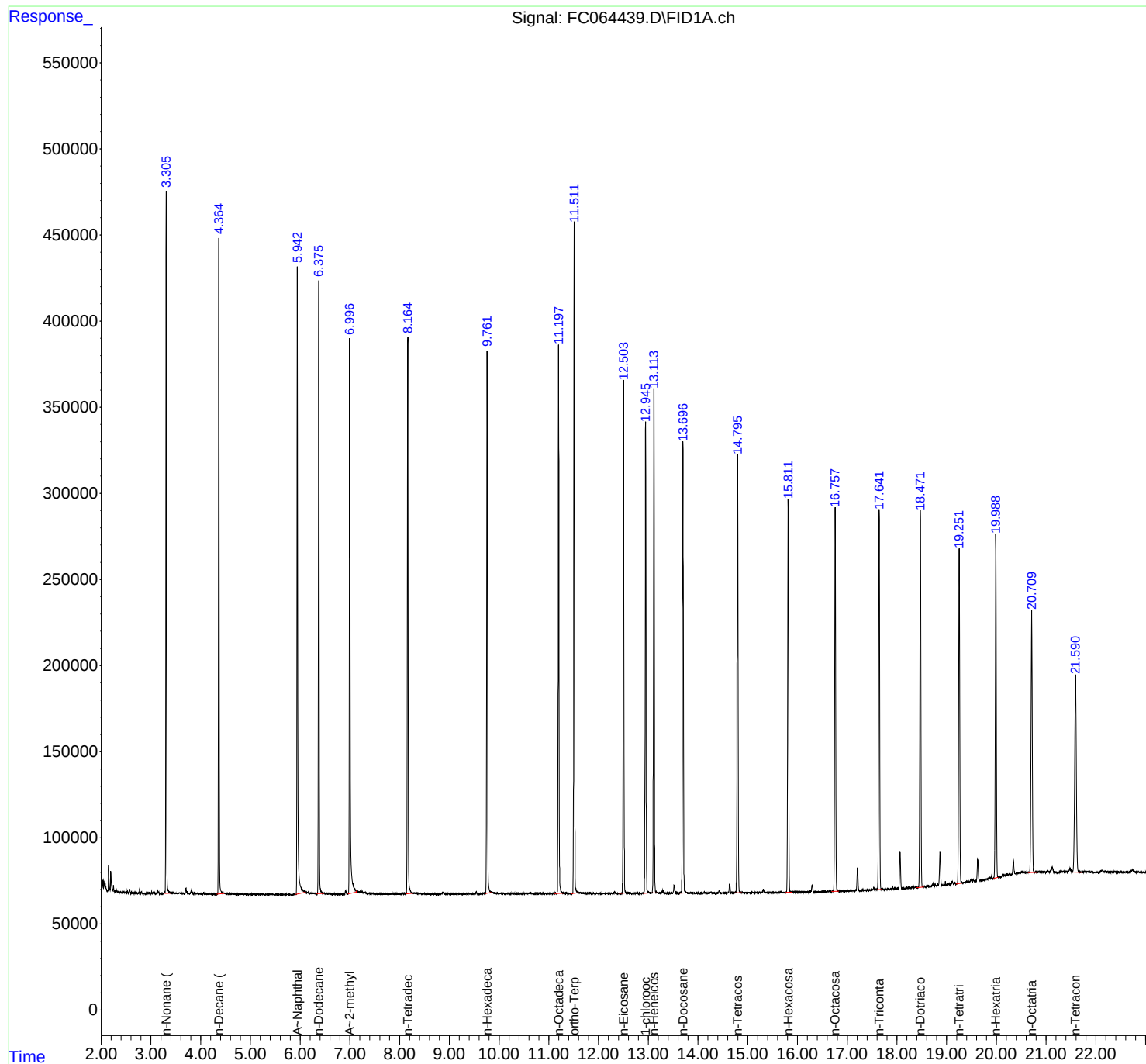
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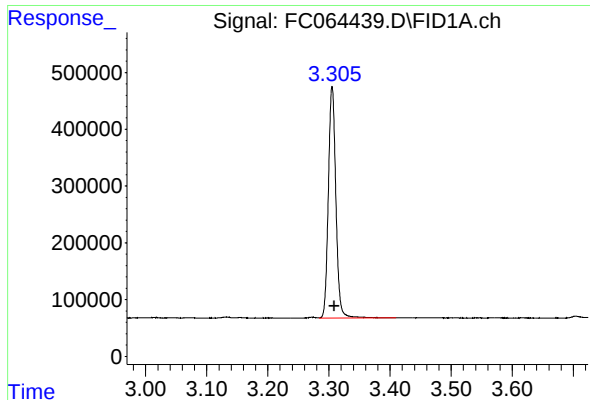
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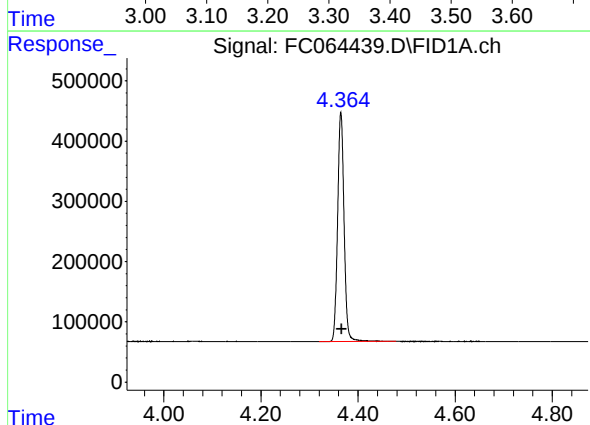




#1 n-Nonane (C9)

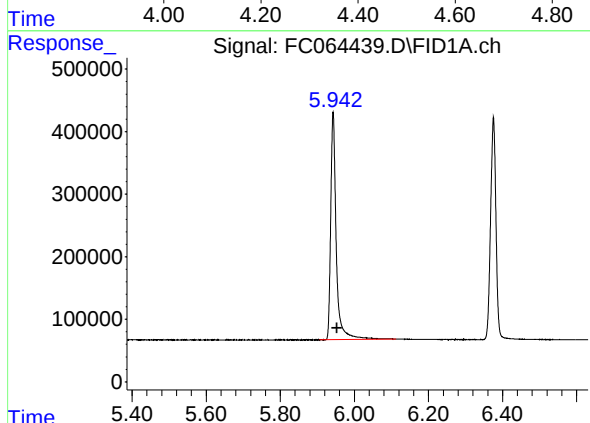
R.T.: 3.305 min
Delta R.T.: -0.004 min
Response: 3481894
Conc: 19.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



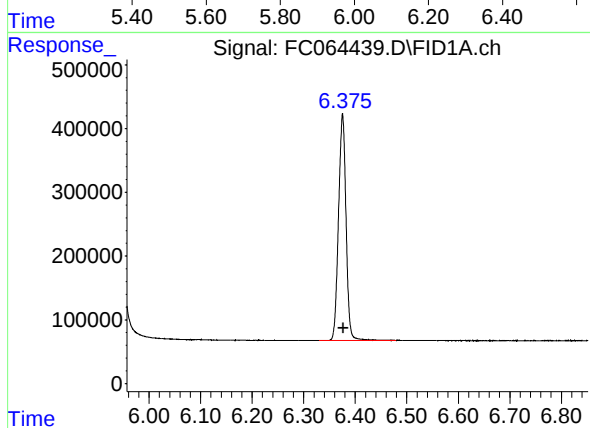
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 3539231
Conc: 20.18 ug/ml



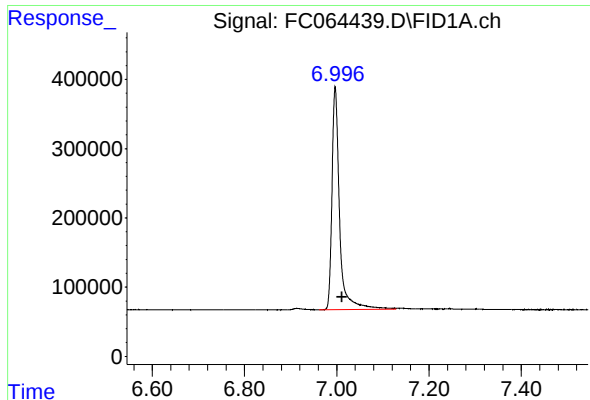
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 3788484
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

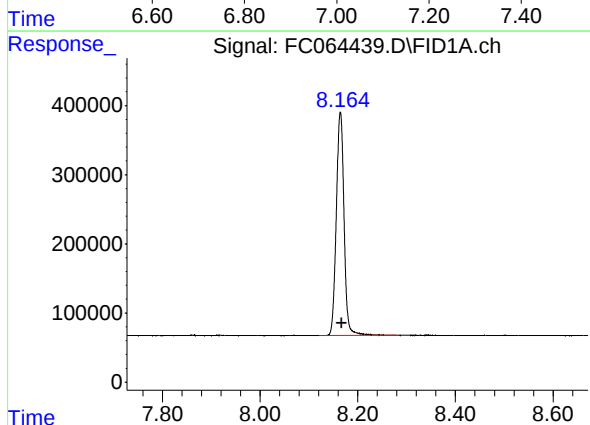
R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 3594800
Conc: 20.17 ug/ml



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

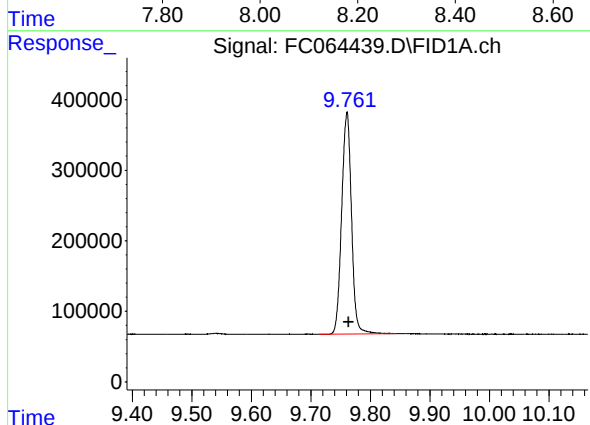
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3691397
Conc: 20.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



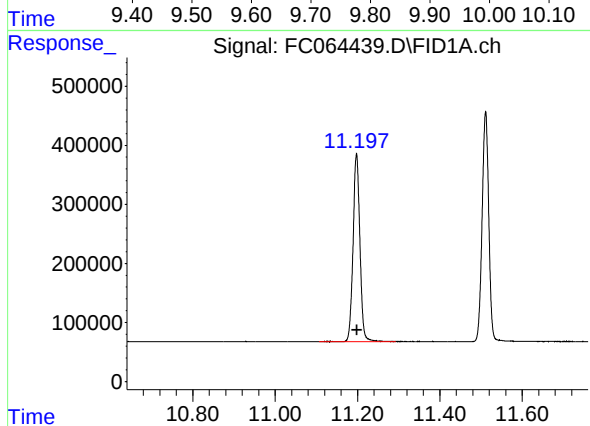
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 3561092
Conc: 20.41 ug/ml



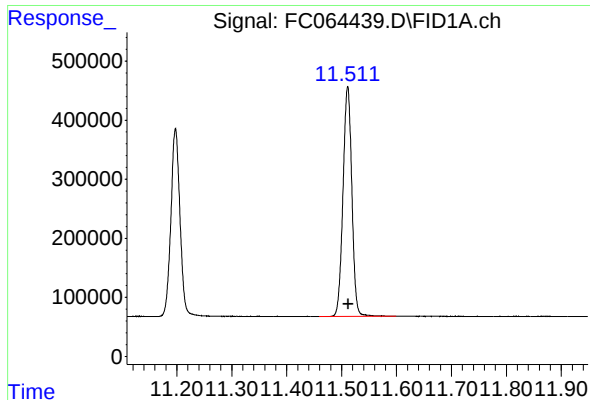
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.002 min
Response: 3611665
Conc: 20.90 ug/ml



#8 n-Octadecane (C18)

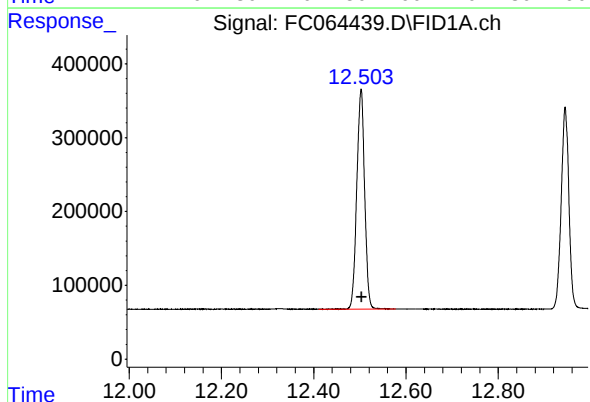
R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 3656858
Conc: 20.89 ug/ml



#9 ortho-Terphenyl (SURR)

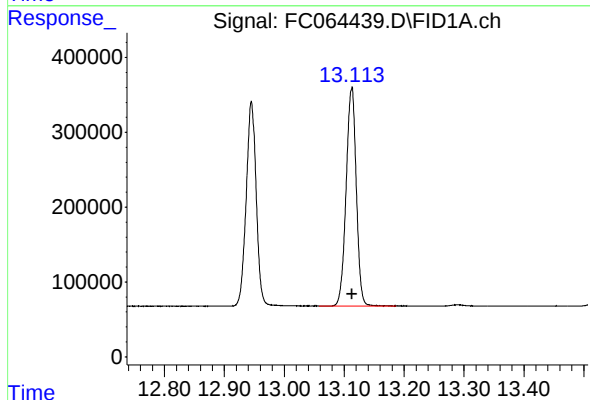
R.T.: 11.511 min
Delta R.T.: 0.000 min
Response: 4339381
Conc: 20.44 ug/ml

Instrument :
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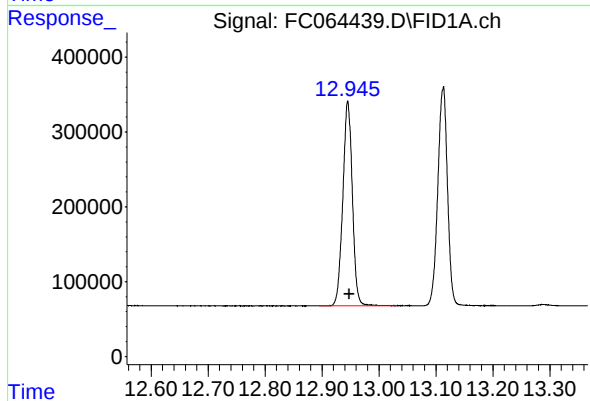
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.001 min
Response: 3512780
Conc: 20.77 ug/ml



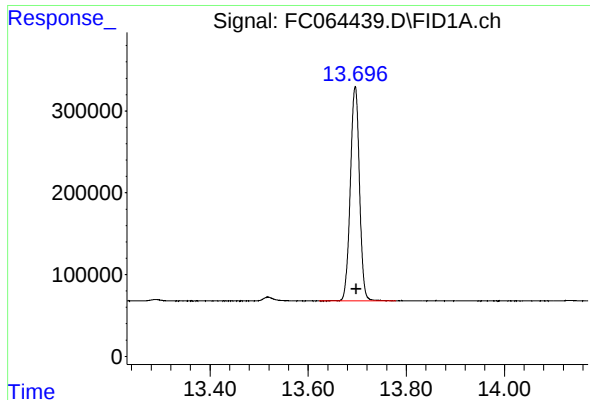
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 3444453
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

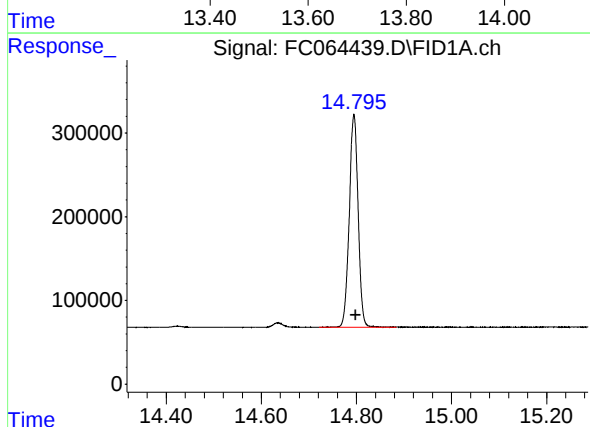
R.T.: 12.945 min
Delta R.T.: -0.002 min
Response: 3179098
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

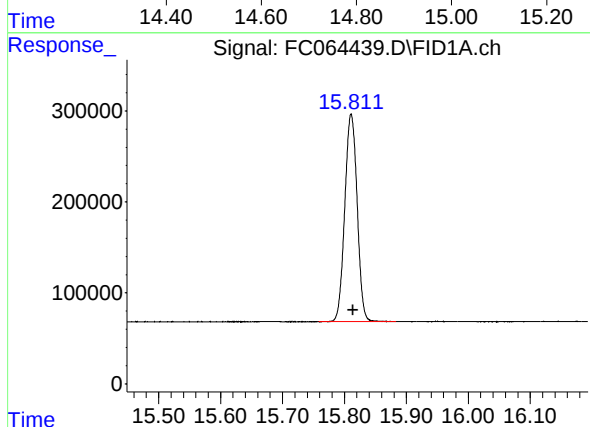
R.T.: 13.696 min
Delta R.T.: -0.002 min
Response: 3394440
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



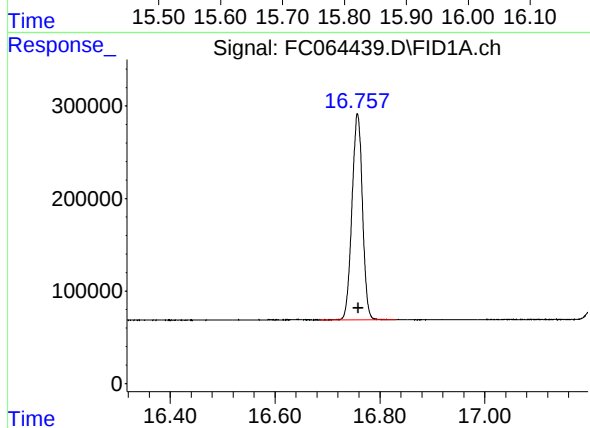
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.003 min
Response: 3296235
Conc: 20.70 ug/ml



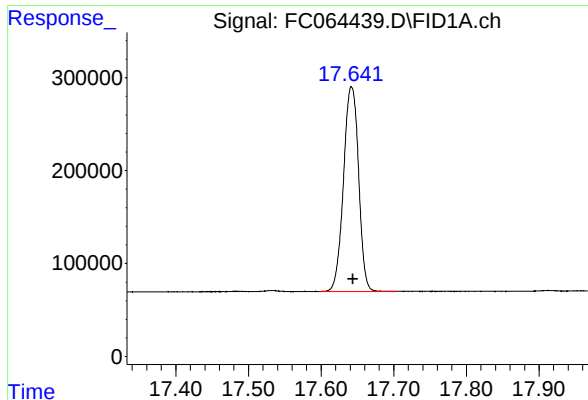
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.003 min
Response: 3165676
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

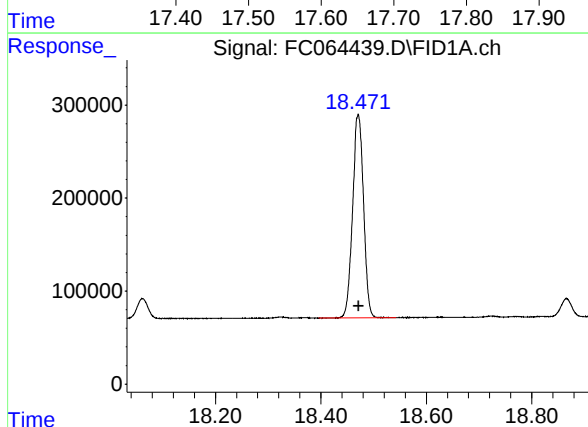
R.T.: 16.757 min
Delta R.T.: -0.002 min
Response: 3096671
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

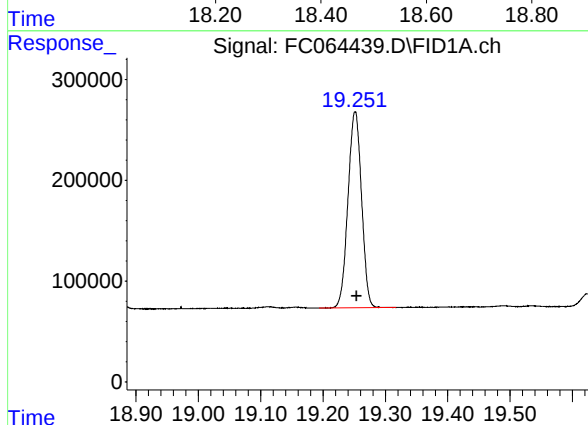
R.T.: 17.642 min
Delta R.T.: -0.002 min
Response: 3182205
Conc: 21.79 ug/ml

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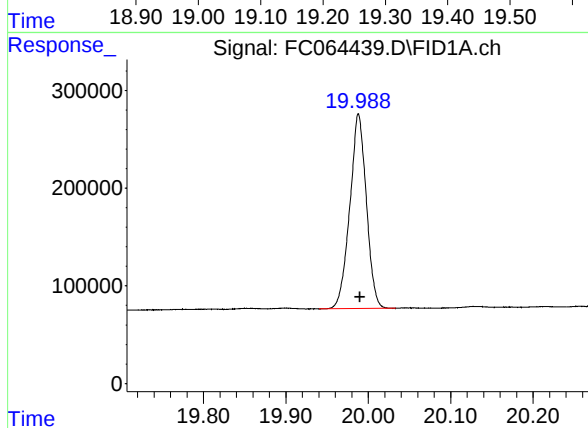
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.001 min
Response: 3147244
Conc: 22.28 ug/ml



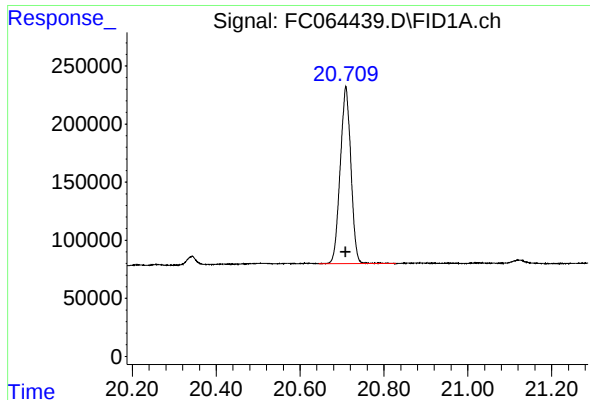
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 2943142
Conc: 22.03 ug/ml



#20 n-Hexatriacontane (C36)

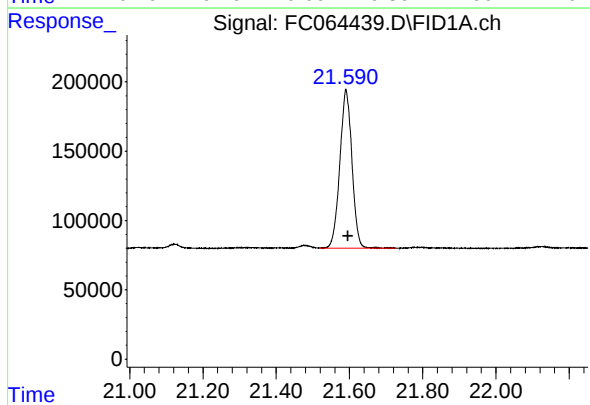
R.T.: 19.988 min
Delta R.T.: -0.002 min
Response: 2779403
Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.000 min
Response: 2680487
Conc: 21.83 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.006 min
Response: 2619289
Conc: 22.55 ug/ml