

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091123AL\
 Data File : FC064551.D
 Signal(s) : FID1A.ch
 Acq On : 12 Sep 2023 06:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 12 06:46:38 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)	11.505	4318284	20.340 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
12) S 1-chlorooctadecane (S...	12.940	3162968	20.745 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
Target Compounds			
1) T n-Nonane (C9)	3.303	3652631	20.695 ug/ml
2) T n-Decane (C10)	4.362	3738956	21.314 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3962110	21.307 ug/ml
4) T n-Dodecane (C12)	6.371	3780195	21.208 ug/ml
5) T A~2-methylnaphthalene...	6.993	3826231	21.509 ug/ml
6) T n-Tetradecane (C14)	8.160	3696970	21.191 ug/ml
7) T n-Hexadecane (C16)	9.756	3713526	21.488 ug/ml
8) T n-Octadecane (C18)	11.193	3701629	21.143 ug/ml
10) T n-Eicosane (C20)	12.499	3531870	20.879 ug/ml
11) T n-Heneicosane (C21)	13.108	3450881	20.676 ug/ml
13) T n-Docosane (C22)	13.691	3378928	20.716 ug/ml
14) T n-Tetracosane (C24)	14.790	3280747	20.601 ug/ml
15) T n-Hexacosane (C26)	15.806	3160732	20.458 ug/ml
16) T n-Octacosane (C28)	16.754	3068241	20.724 ug/ml
17) T n-Tricontane (C30)	17.639	3112896	21.311 ug/ml
18) T n-Dotriacontane (C32)	18.467	3092687	21.894 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2981672	22.316 ug/ml
20) T n-Hexatriacontane (C36)	19.983	2903169	22.688 ug/ml
21) T n-Octatriacontane (C38)	20.703	2858879	23.281 ug/ml
22) T n-Tetracontane (C40)	21.580	2841323	24.466 ug/ml

(f)=RT Delta > 1/2 Window

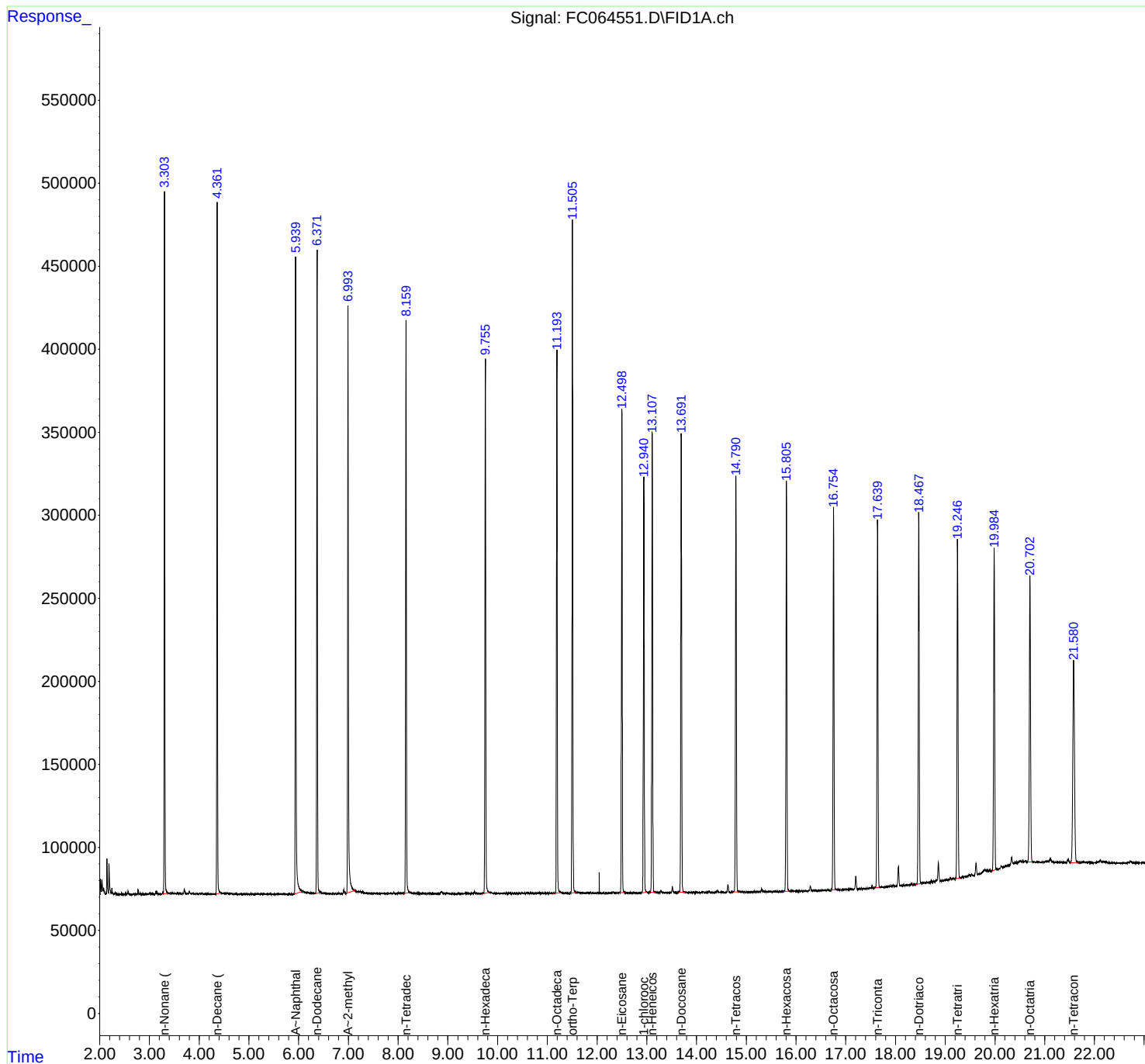
(m)=manual int.

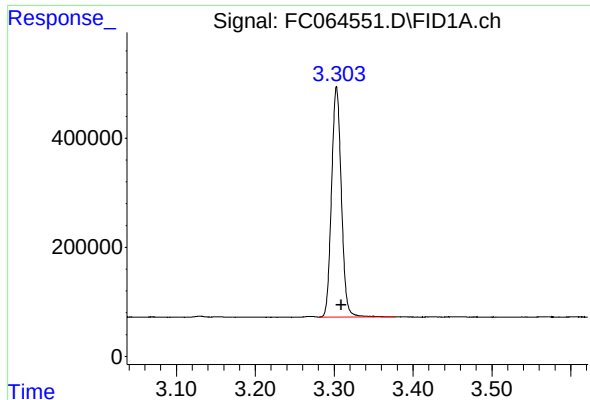
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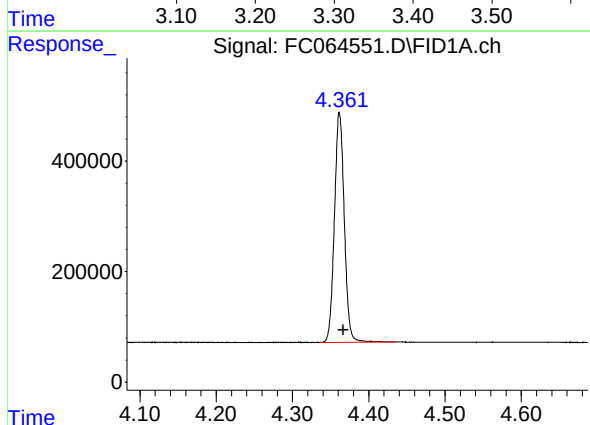




#1 n-Nonane (C9)

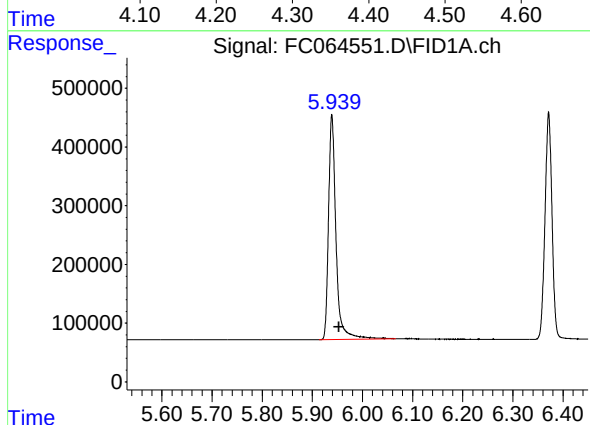
R.T.: 3.303 min
Delta R.T.: -0.006 min
Response: 3652631
Conc: 20.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



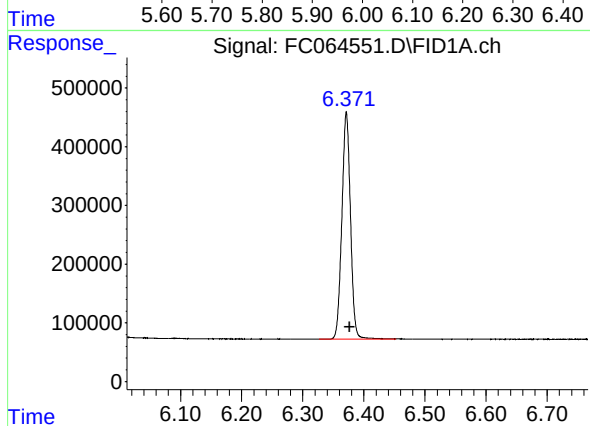
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 3738956
Conc: 21.31 ug/ml



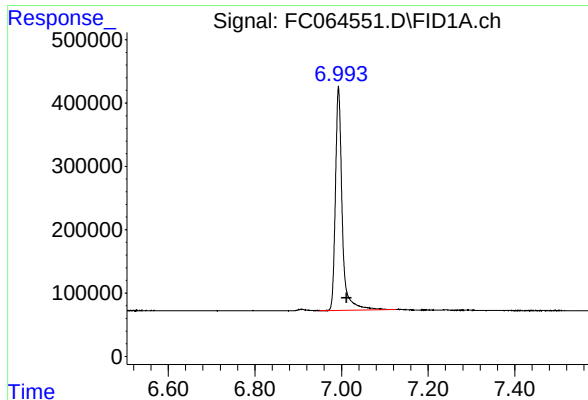
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.014 min
Response: 3962110
Conc: 21.31 ug/ml



#4 n-Dodecane (C12)

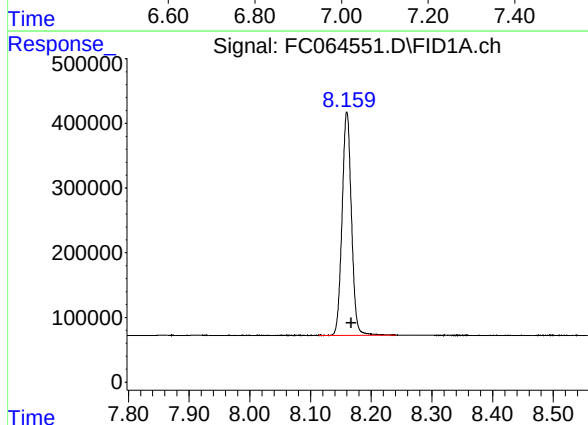
R.T.: 6.371 min
Delta R.T.: -0.006 min
Response: 3780195
Conc: 21.21 ug/ml



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

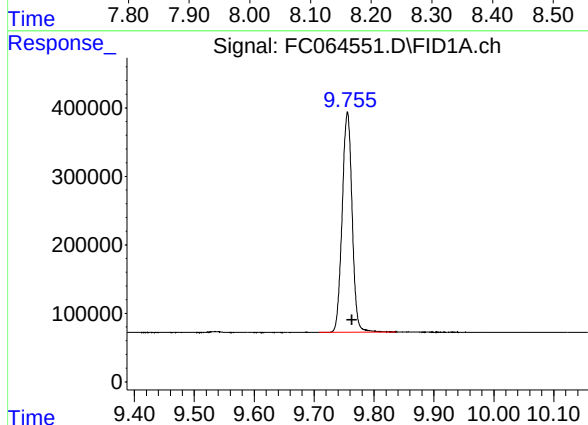
R.T.: 6.993 min
Delta R.T.: -0.019 min
Response: 3826231
Conc: 21.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



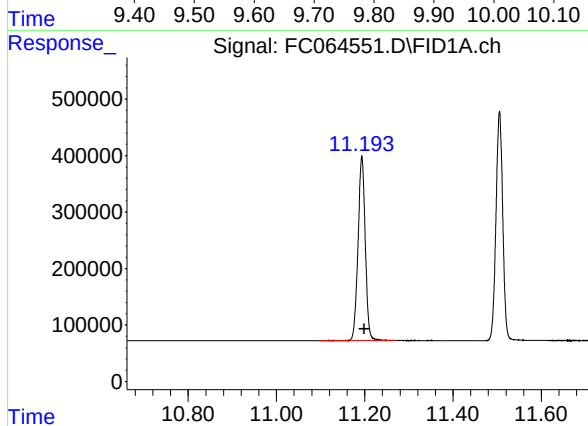
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: -0.007 min
Response: 3696970
Conc: 21.19 ug/ml



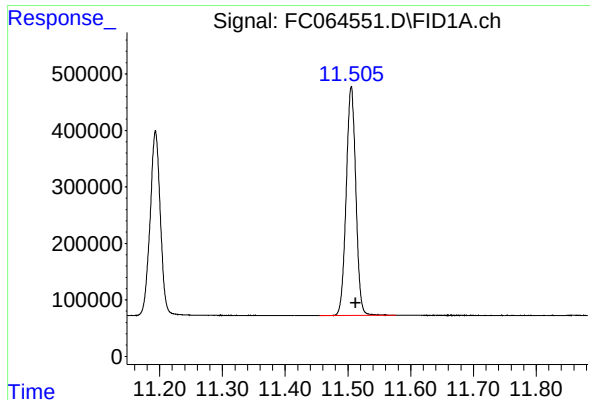
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: -0.008 min
Response: 3713526
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

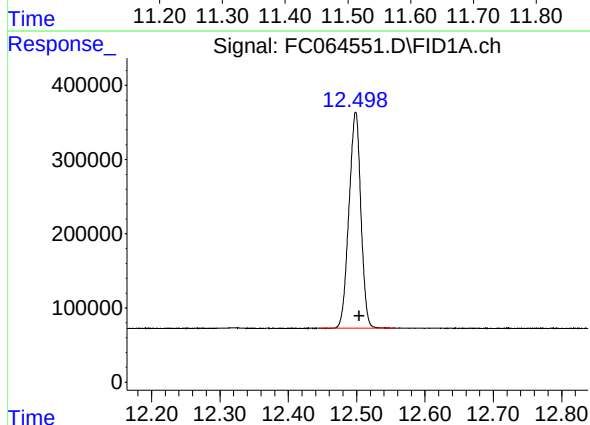
R.T.: 11.193 min
Delta R.T.: -0.005 min
Response: 3701629
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

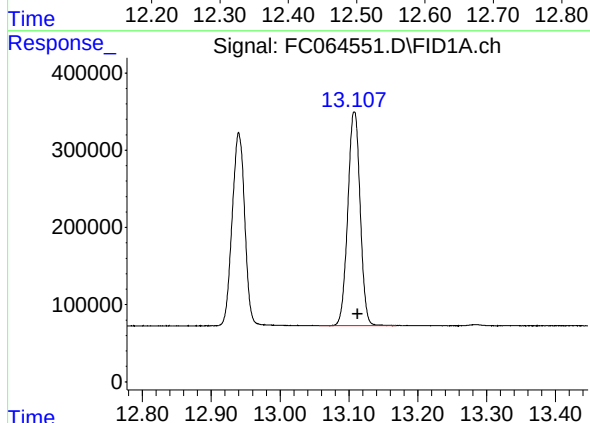
R.T.: 11.505 min
Delta R.T.: -0.007 min
Response: 4318284
Conc: 20.34 ug/ml

Instrument :
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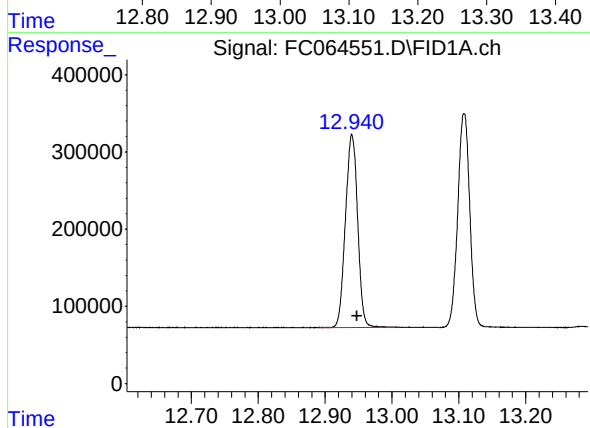
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.005 min
Response: 3531870
Conc: 20.88 ug/ml



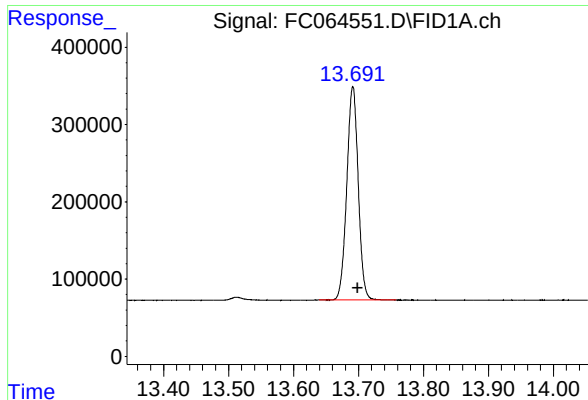
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.005 min
Response: 3450881
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

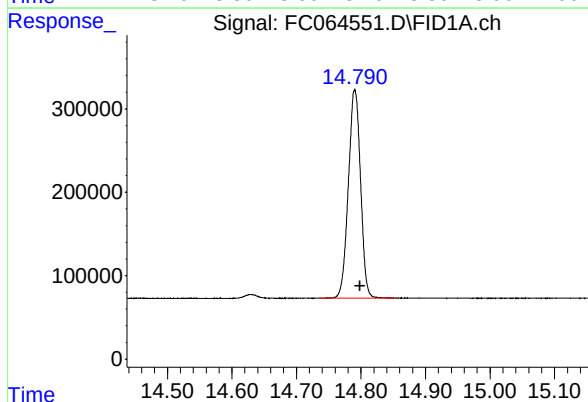
R.T.: 12.940 min
Delta R.T.: -0.007 min
Response: 3162968
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

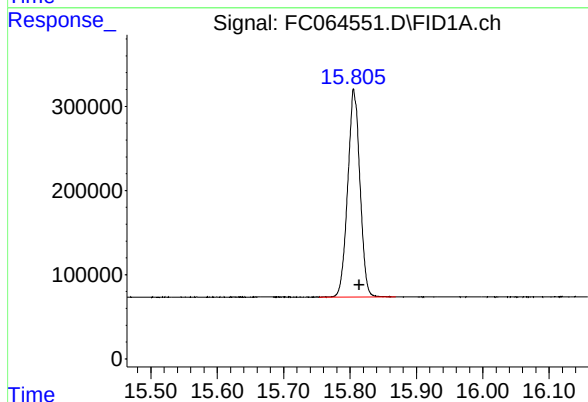
R.T.: 13.691 min
Delta R.T.: -0.007 min
Response: 3378928
Conc: 20.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



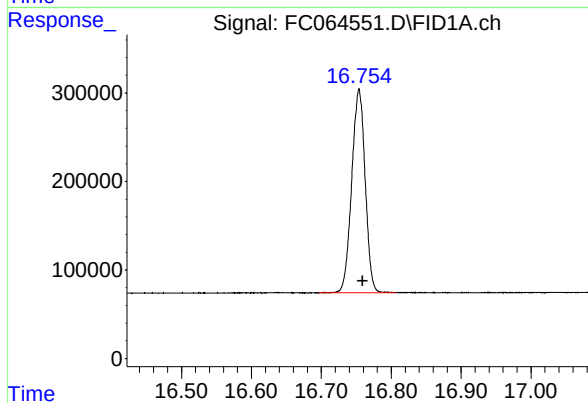
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: -0.008 min
Response: 3280747
Conc: 20.60 ug/ml



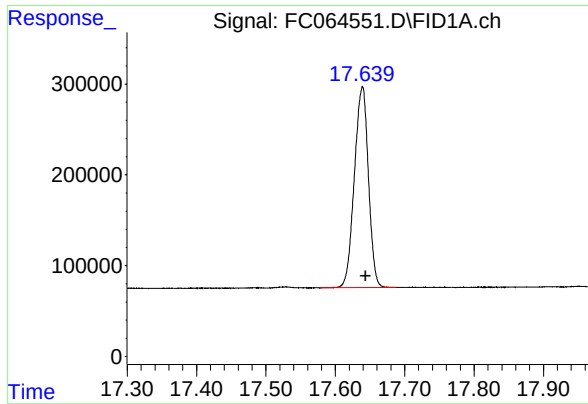
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.008 min
Response: 3160732
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

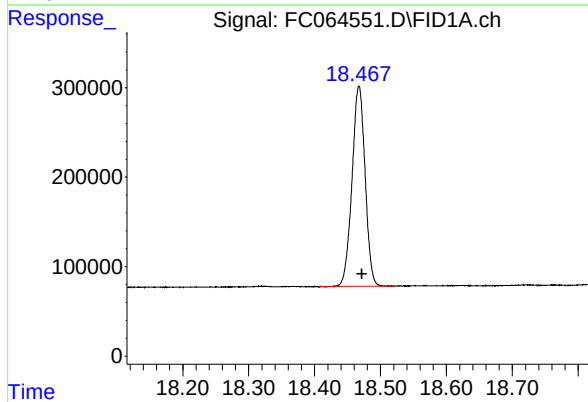
R.T.: 16.754 min
Delta R.T.: -0.005 min
Response: 3068241
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

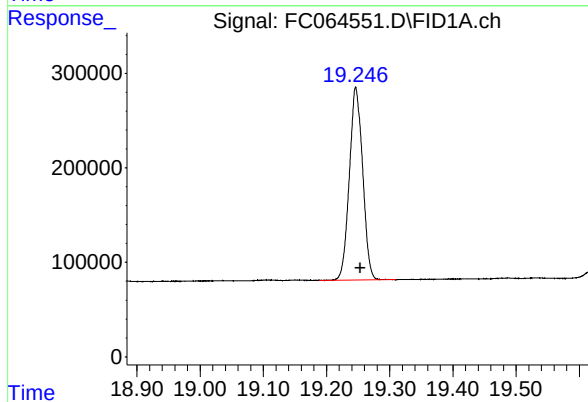
R.T.: 17.639 min
Delta R.T.: -0.005 min
Response: 3112896
Conc: 21.31 ug/ml

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20 PPM ALIPHATIC HC STD



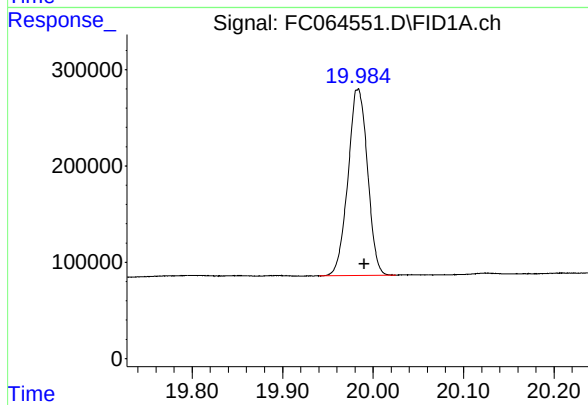
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.005 min
Response: 3092687
Conc: 21.89 ug/ml



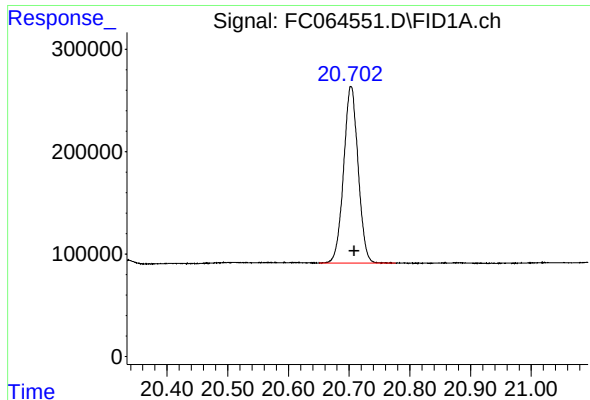
#19 n-Tetatriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.008 min
Response: 2981672
Conc: 22.32 ug/ml



#20 n-Hexatriacontane (C36)

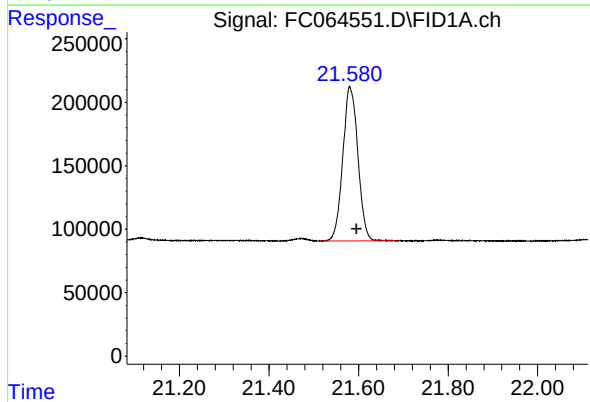
R.T.: 19.983 min
Delta R.T.: -0.007 min
Response: 2903169
Conc: 22.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.006 min
Response: 2858879
Conc: 23.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.015 min
Response: 2841323
Conc: 24.47 ug/ml