

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072323AL\
 Data File : FC064239.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2023 04:16
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 24 01:49:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:41:11 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)	11.518	8395160	48.383 ug/ml
Spiked Amount 50.000		Recovery =	96.77%
12) S 1-chlorooctadecane (S...	12.951	6013165	48.483 ug/ml
Spiked Amount 50.000		Recovery =	96.97%
Target Compounds			
1) T n-Nonane (C9)	3.302	7683535	48.597 ug/ml
2) T n-Decane (C10)	4.365	7765914	48.498 ug/ml
3) T A~Naphthalene (C11.7)	5.944	8189330	48.898 ug/ml
4) T n-Dodecane (C12)	6.379	7763729	48.536 ug/ml
5) T A~2-methylnaphthalene...	7.000	7778368	48.871 ug/ml
6) T n-Tetradecane (C14)	8.169	7489306	48.456 ug/ml
7) T n-Hexadecane (C16)	9.765	7516884	48.407 ug/ml
8) T n-Octadecane (C18)	11.204	7454695	48.284 ug/ml
10) T n-Eicosane (C20)	12.508	7013199	48.334 ug/ml
11) T n-Heneicosane (C21)	13.119	6854512	48.408 ug/ml
13) T n-Docosane (C22)	13.703	6743541	48.450 ug/ml
14) T n-Tetracosane (C24)	14.802	6620145	48.458 ug/ml
15) T n-Hexacosane (C26)	15.819	6468654	48.507 ug/ml
16) T n-Octacosane (C28)	16.765	6304052	48.463 ug/ml
17) T n-Tricontane (C30)	17.651	6402141	48.465 ug/ml
18) T n-Dotriacontane (C32)	18.480	6343356	48.423 ug/ml
19) T n-Tetratriacontane (C34)	19.260	6325781	48.479 ug/ml
20) T n-Hexatriacontane (C36)	19.997	6243169	48.602 ug/ml
21) T n-Octatriacontane (C38)	20.719	6283030	48.639 ug/ml
22) T n-Tetracontane (C40)	21.604	6235554	48.729 ug/ml

(f)=RT Delta > 1/2 Window

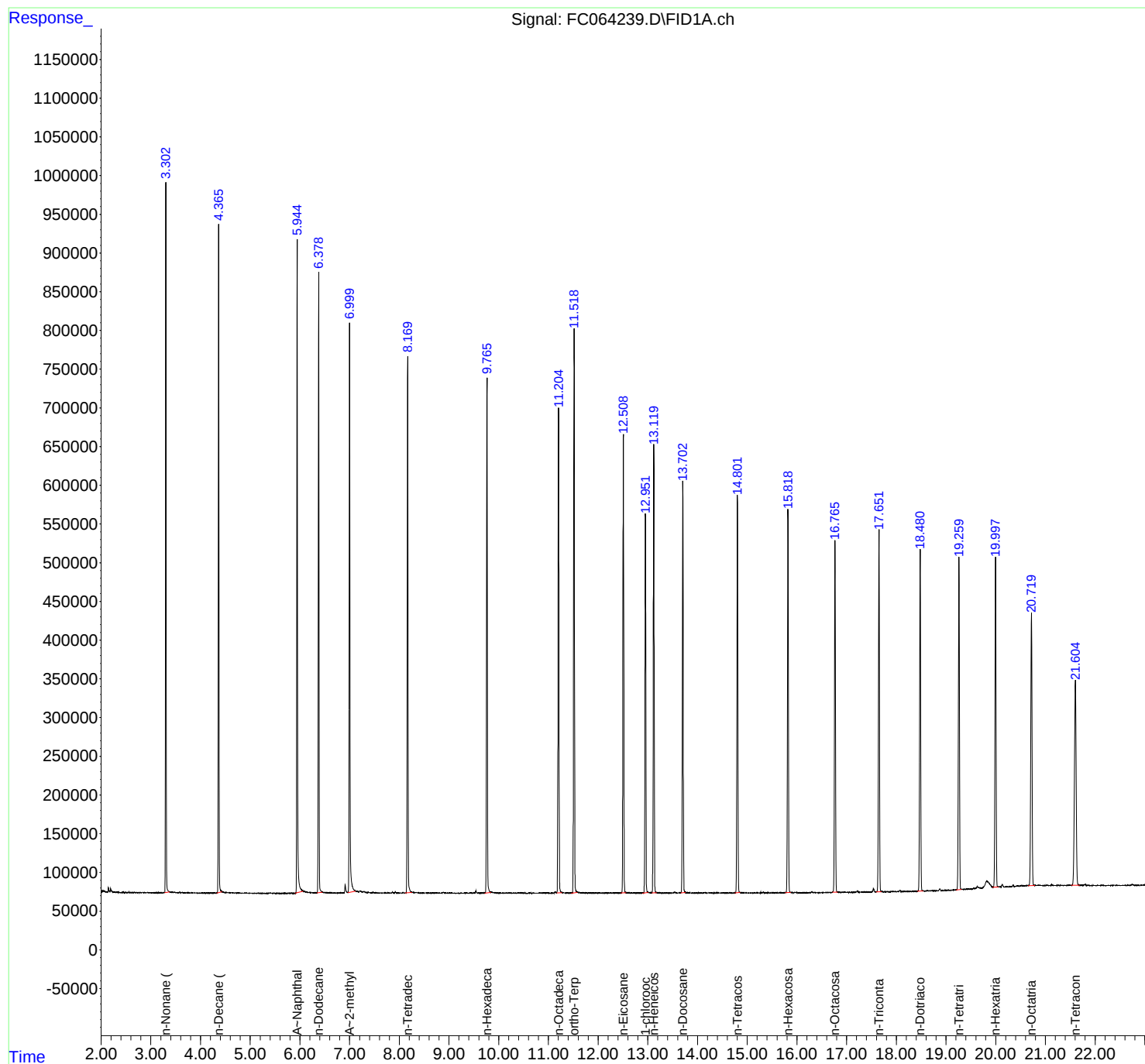
(m)=manual int.

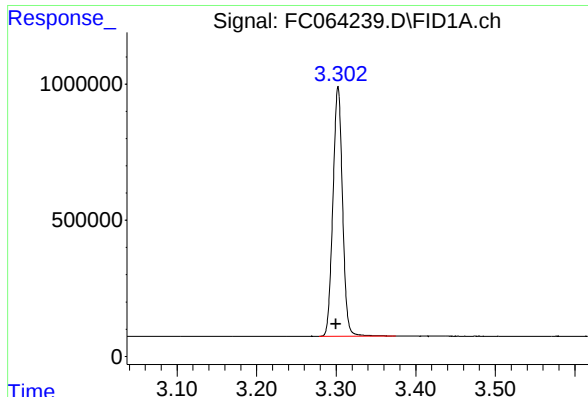
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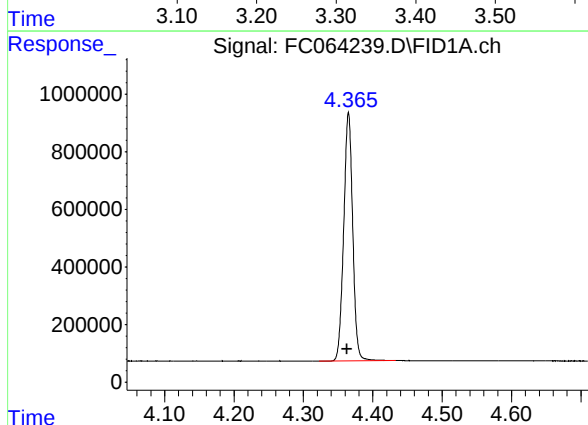




#1 n-Nonane (C9)

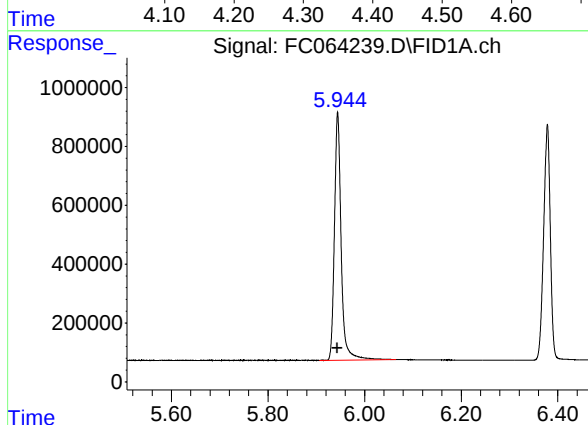
R.T.: 3.302 min
Delta R.T.: 0.002 min
Response: 7683535
Conc: 48.60 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



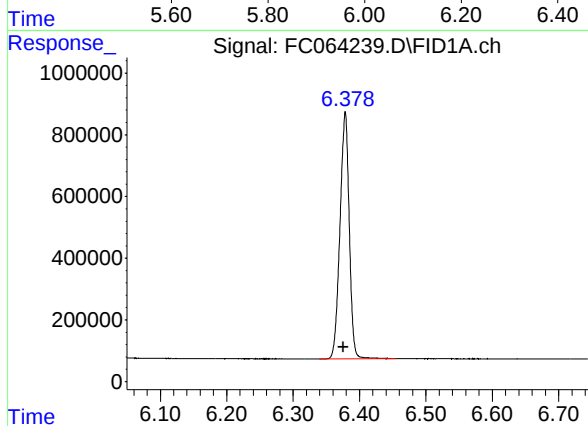
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.003 min
Response: 7765914
Conc: 48.50 ug/ml



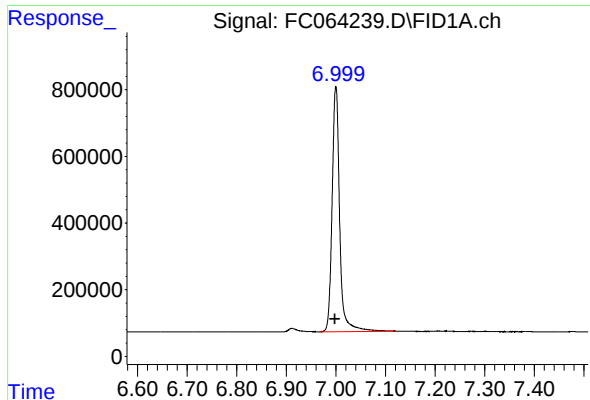
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 8189330
Conc: 48.90 ug/ml



#4 n-Dodecane (C12)

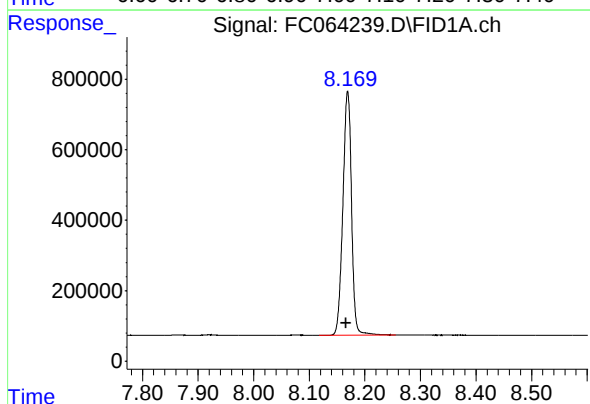
R.T.: 6.379 min
Delta R.T.: 0.003 min
Response: 7763729
Conc: 48.54 ug/ml



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

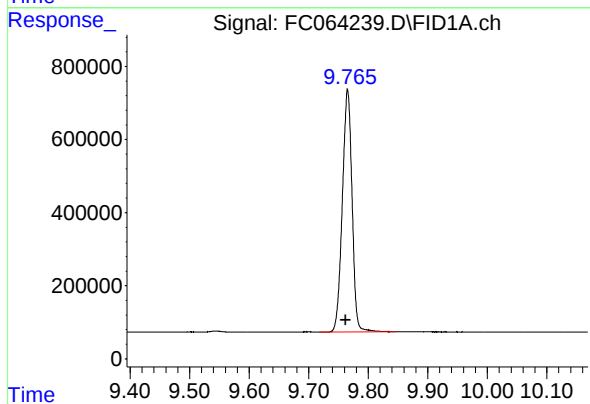
R.T.: 7.000 min
Delta R.T.: 0.002 min
Response: 7778368
Conc: 48.87 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



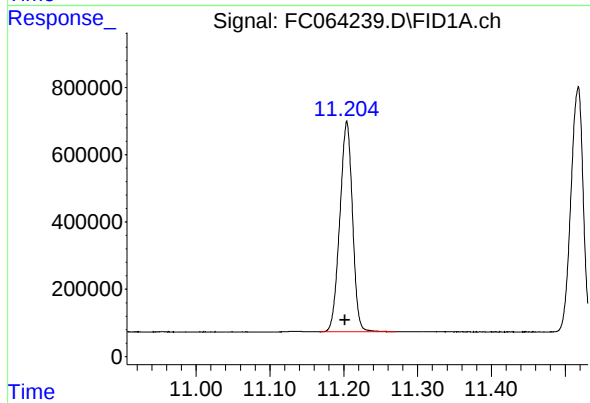
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.003 min
Response: 7489306
Conc: 48.46 ug/ml



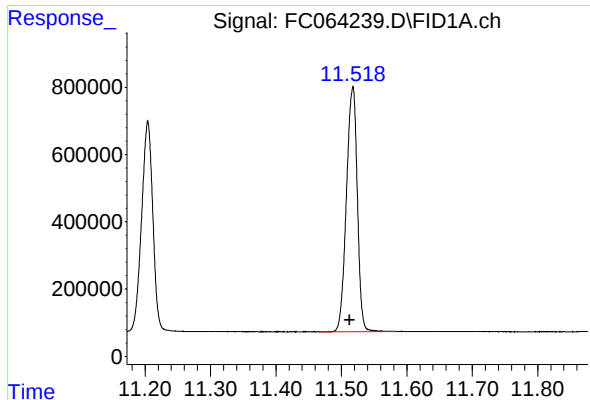
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: 0.004 min
Response: 7516884
Conc: 48.41 ug/ml



#8 n-Octadecane (C18)

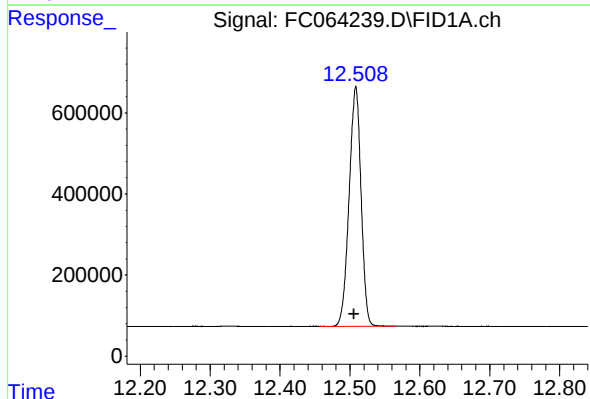
R.T.: 11.204 min
Delta R.T.: 0.003 min
Response: 7454695
Conc: 48.28 ug/ml



#9 ortho-Terphenyl (SURR)

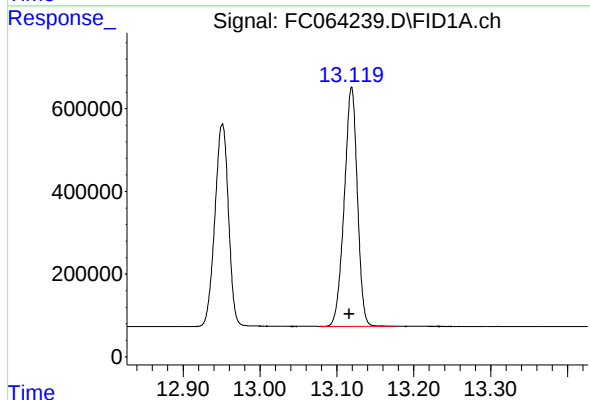
R.T.: 11.518 min
Delta R.T.: 0.005 min
Response: 8395160
Conc: 48.38 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



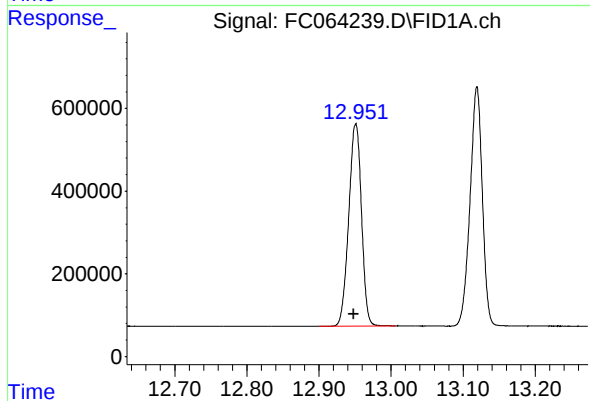
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.003 min
Response: 7013199
Conc: 48.33 ug/ml



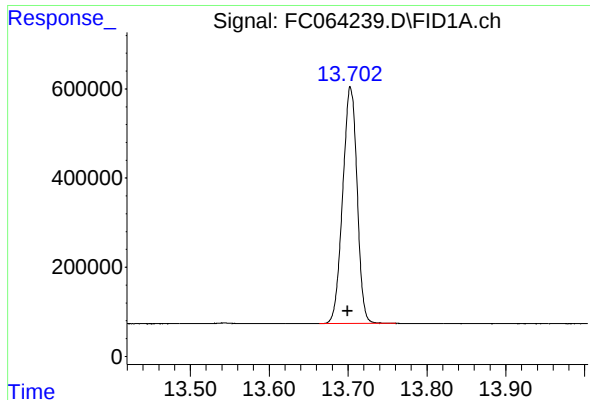
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.003 min
Response: 6854512
Conc: 48.41 ug/ml



#12 1-chlorooctadecane (SURR)

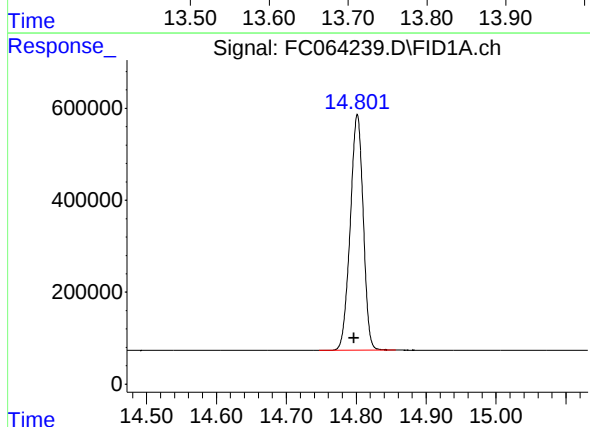
R.T.: 12.951 min
Delta R.T.: 0.003 min
Response: 6013165
Conc: 48.48 ug/ml



#13 n-Docosane (C22)

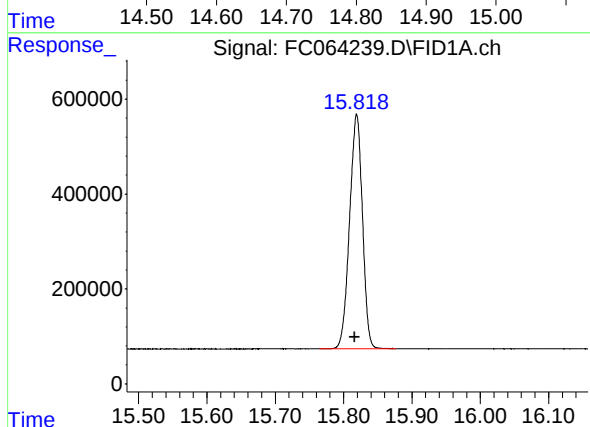
R.T.: 13.703 min
Delta R.T.: 0.004 min
Response: 6743541
Conc: 48.45 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



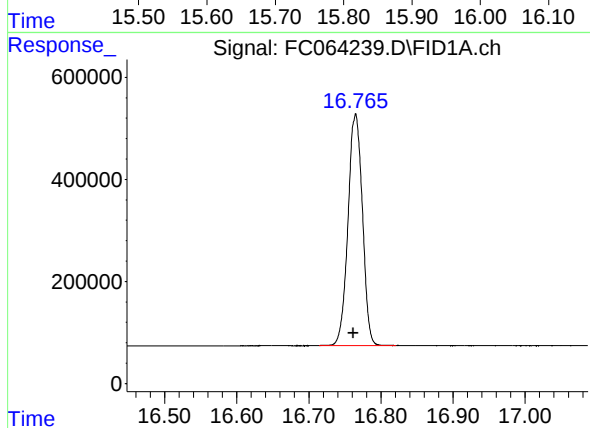
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.005 min
Response: 6620145
Conc: 48.46 ug/ml



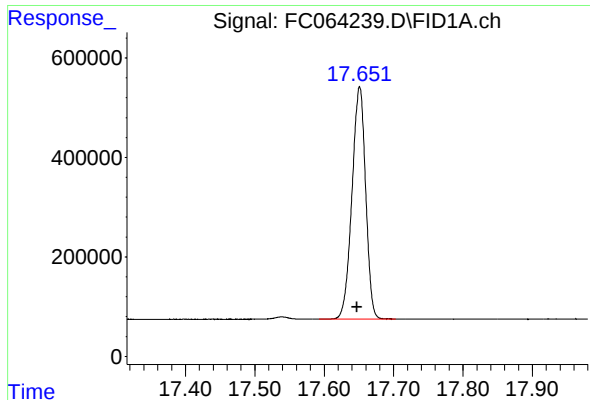
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.003 min
Response: 6468654
Conc: 48.51 ug/ml



#16 n-Octacosane (C28)

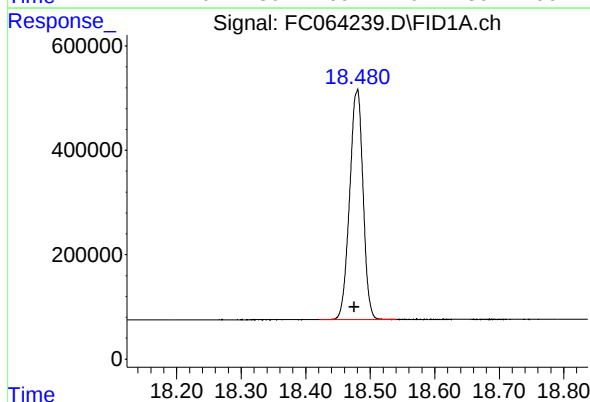
R.T.: 16.765 min
Delta R.T.: 0.003 min
Response: 6304052
Conc: 48.46 ug/ml



#17 n-Tricontane (C30)

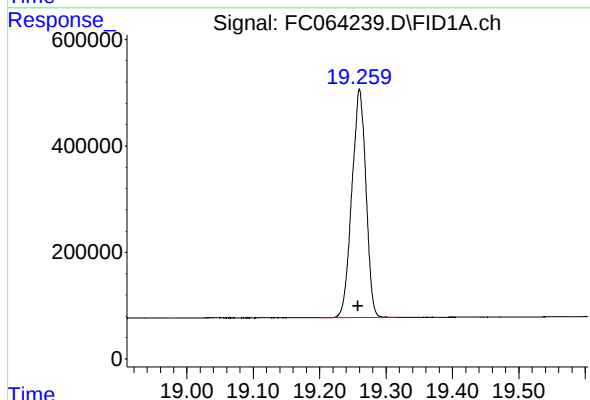
R.T.: 17.651 min
Delta R.T.: 0.004 min
Response: 6402141
Conc: 48.47 ug/ml

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FID_C
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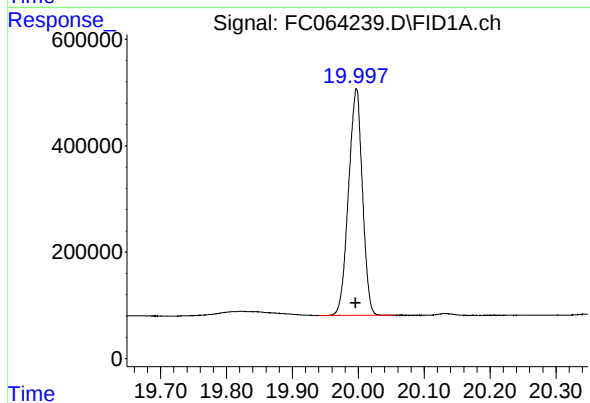
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.005 min
Response: 6343356
Conc: 48.42 ug/ml



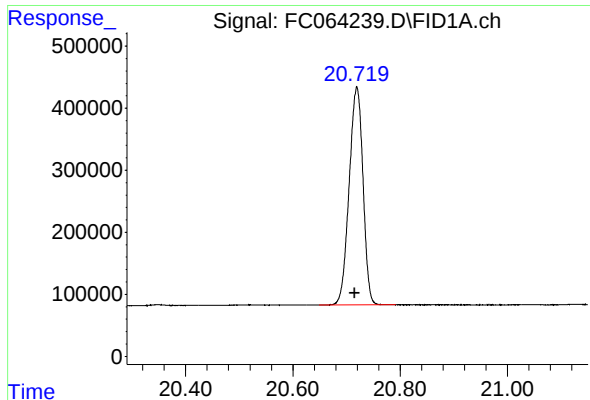
#19 n-Tetatriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.002 min
Response: 6325781
Conc: 48.48 ug/ml



#20 n-Hexatriacontane (C36)

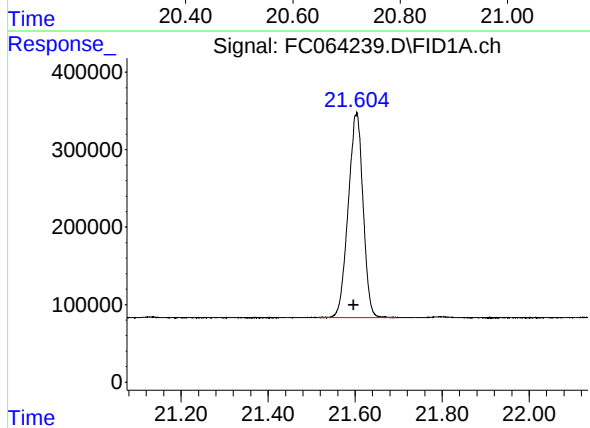
R.T.: 19.997 min
Delta R.T.: 0.001 min
Response: 6243169
Conc: 48.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.004 min
Response: 6283030
Conc: 48.64 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: 0.007 min
Response: 6235554
Conc: 48.73 ug/ml