

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081123AL\
 Data File : FC064352.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2023 10:37
 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 12 01:19:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.513	3897196	21.845 ug/ml
Spiked Amount 50.000		Recovery =	43.69%
12) S 1-chlorooctadecane (S...	12.947	2802477	22.222 ug/ml
Spiked Amount 50.000		Recovery =	44.44%
Target Compounds			
1) T n-Nonane (C9)	3.310	3272366	20.168 ug/ml
2) T n-Decane (C10)	4.367	3289964	20.120 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3425250	21.105 ug/ml
4) T n-Dodecane (C12)	6.378	3356930	20.563 ug/ml
5) T A~2-methylnaphthalene...	7.001	3271324	21.470 ug/ml
6) T n-Tetradecane (C14)	8.167	3256297	20.740 ug/ml
7) T n-Hexadecane (C16)	9.762	3311757	21.062 ug/ml
8) T n-Octadecane (C18)	11.200	3361738	21.218 ug/ml
10) T n-Eicosane (C20)	12.505	3207777	21.494 ug/ml
11) T n-Heneicosane (C21)	13.113	3142041	21.528 ug/ml
13) T n-Docosane (C22)	13.699	3096284	21.694 ug/ml
14) T n-Tetracosane (C24)	14.797	3040190	21.644 ug/ml
15) T n-Hexacosane (C26)	15.816	2946884	21.460 ug/ml
16) T n-Octacosane (C28)	16.760	2841000	21.186 ug/ml
17) T n-Tricontane (C30)	17.645	2810820	20.251 ug/ml
18) T n-Dotriacontane (C32)	18.472	2699431	19.183 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2574740	18.545 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2424436	17.868 ug/ml
21) T n-Octatriacontane (C38)	20.713	2347942	17.311 ug/ml
22) T n-Tetracontane (C40)	21.591	2247775	16.734 ug/ml

(f)=RT Delta > 1/2 Window

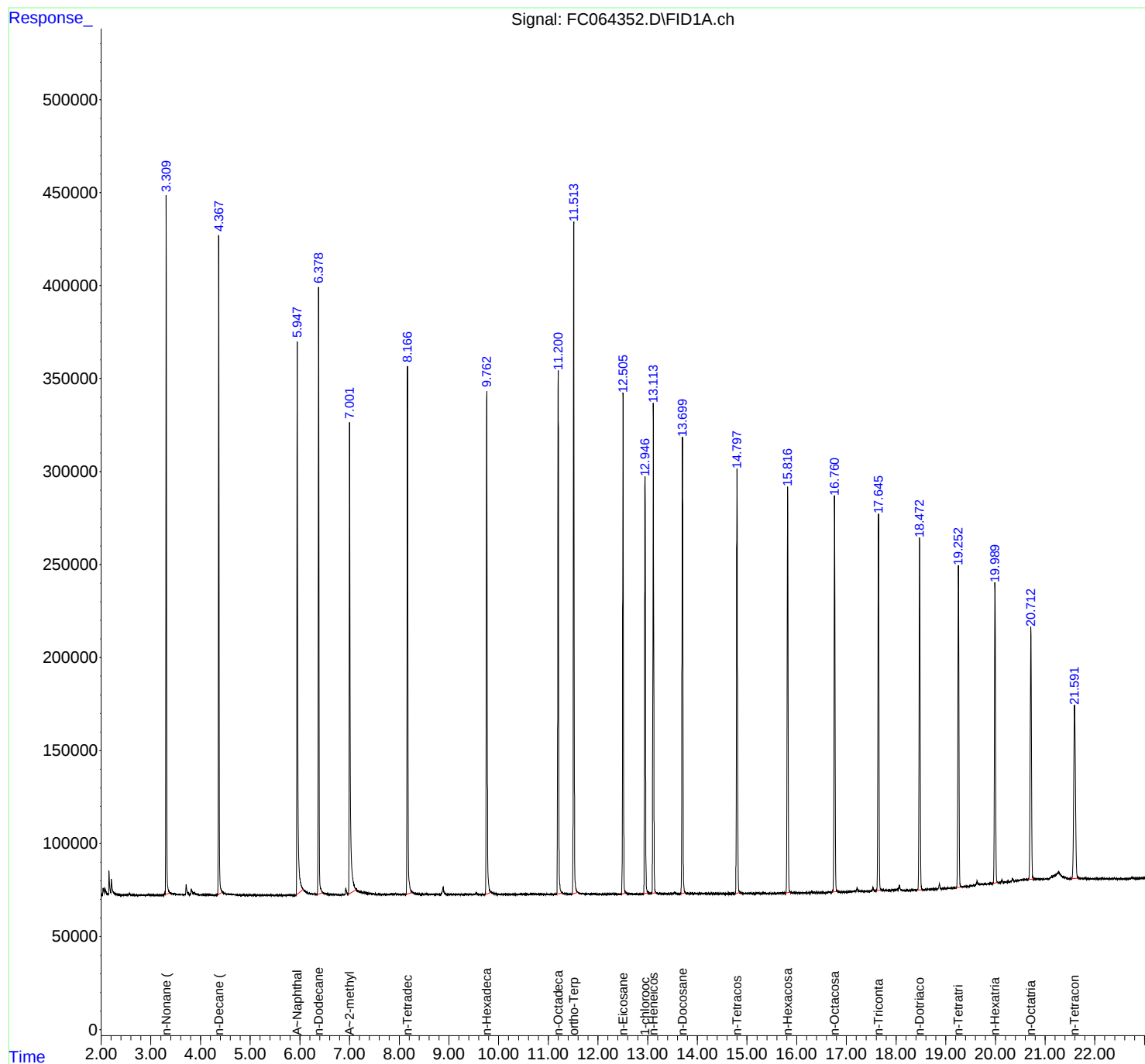
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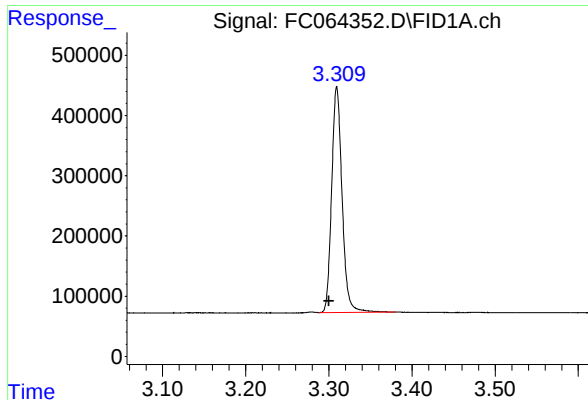
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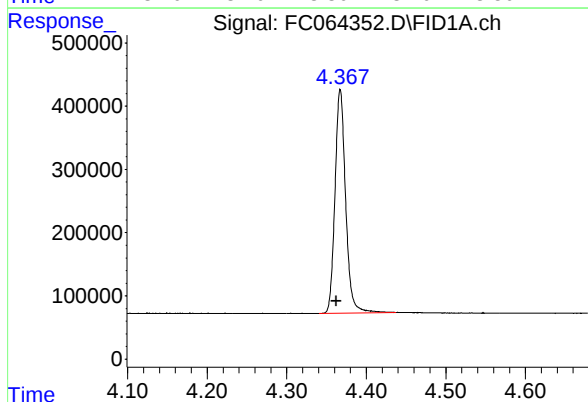




#1 n-Nonane (C9)

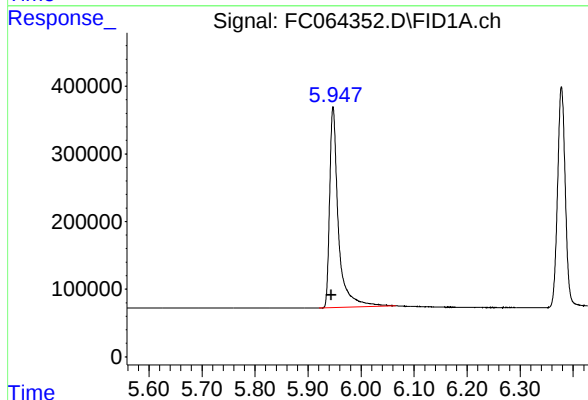
R.T.: 3.310 min
Delta R.T.: 0.010 min
Response: 3272366
Conc: 20.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



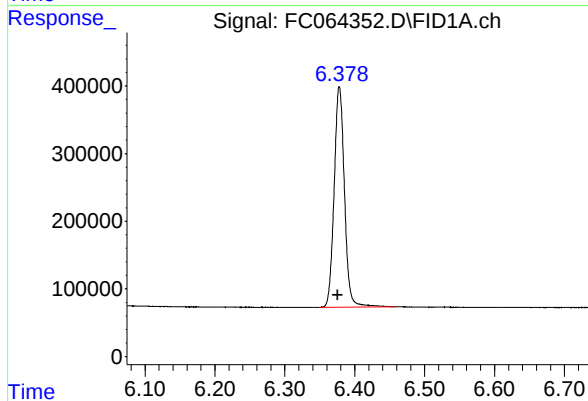
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.005 min
Response: 3289964
Conc: 20.12 ug/ml



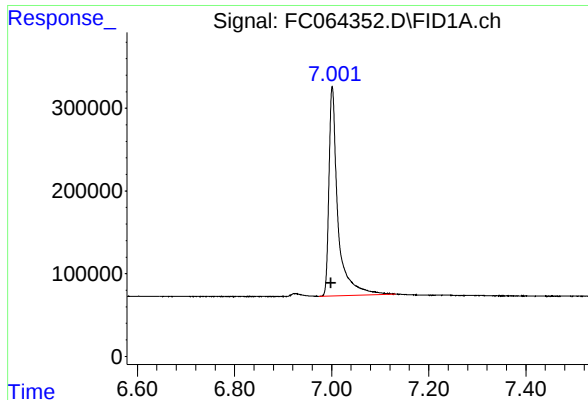
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 3425250
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

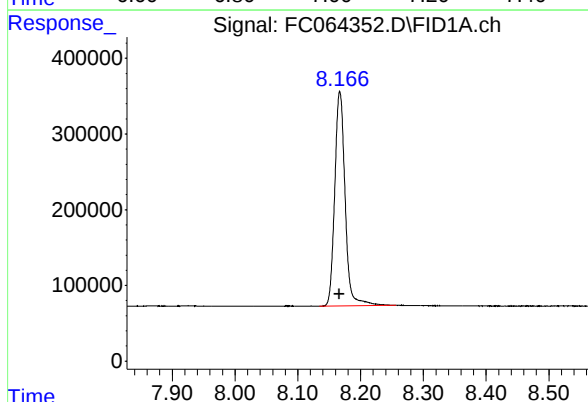
R.T.: 6.378 min
Delta R.T.: 0.002 min
Response: 3356930
Conc: 20.56 ug/ml



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

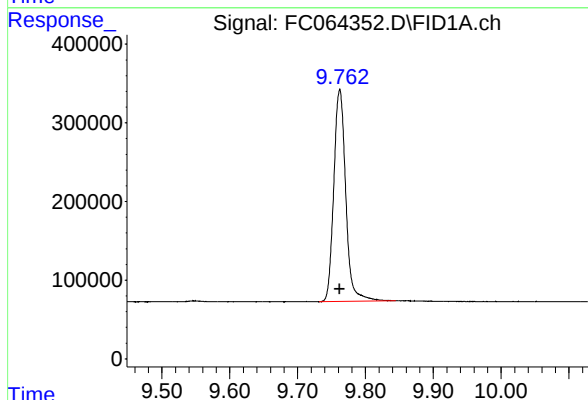
R.T.: 7.001 min
Delta R.T.: 0.003 min
Response: 3271324
Conc: 21.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



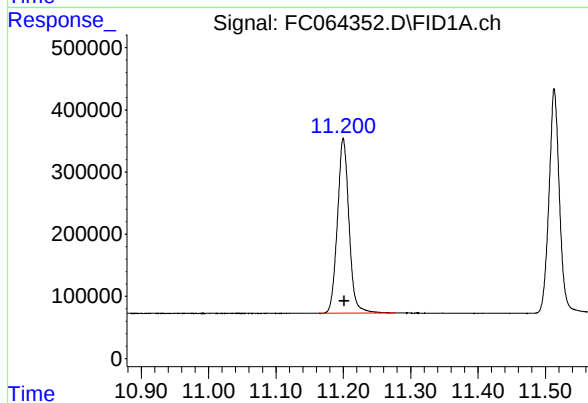
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 3256297
Conc: 20.74 ug/ml



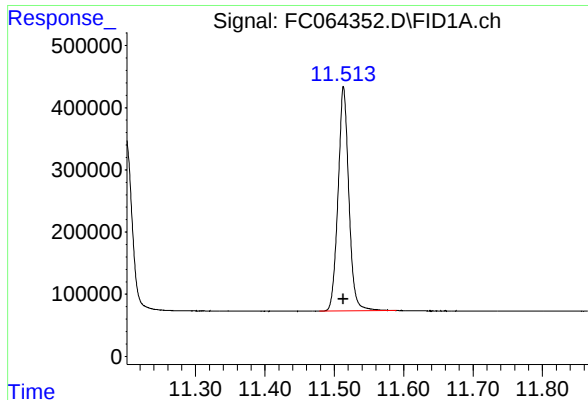
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 3311757
Conc: 21.06 ug/ml



#8 n-Octadecane (C18)

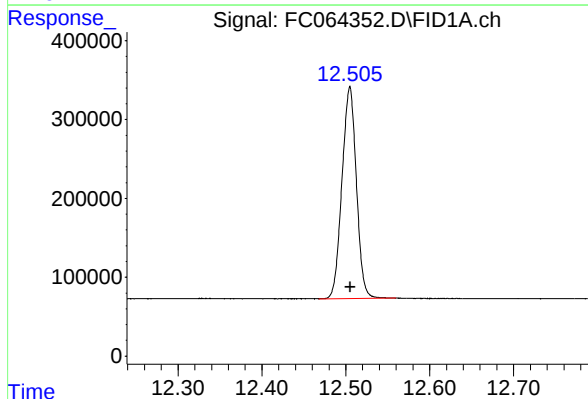
R.T.: 11.200 min
Delta R.T.: -0.002 min
Response: 3361738
Conc: 21.22 ug/ml



#9 ortho-Terphenyl (SURR)

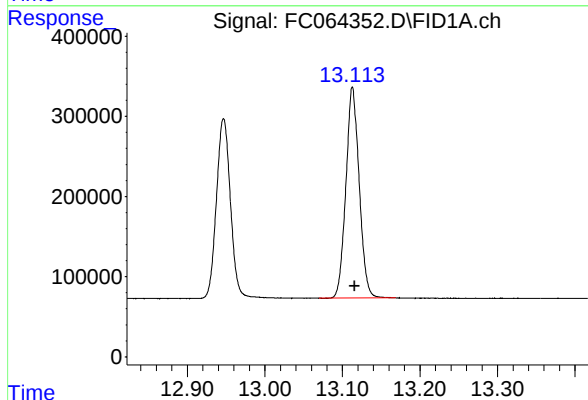
R.T.: 11.513 min
Delta R.T.: 0.000 min
Response: 3897196
Conc: 21.84 ug/ml

Instrument :
FID_C
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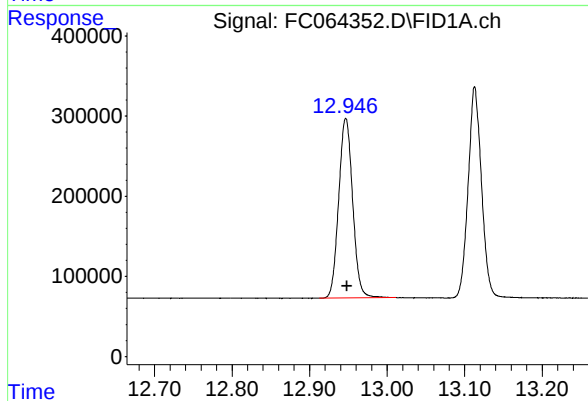
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 3207777
Conc: 21.49 ug/ml



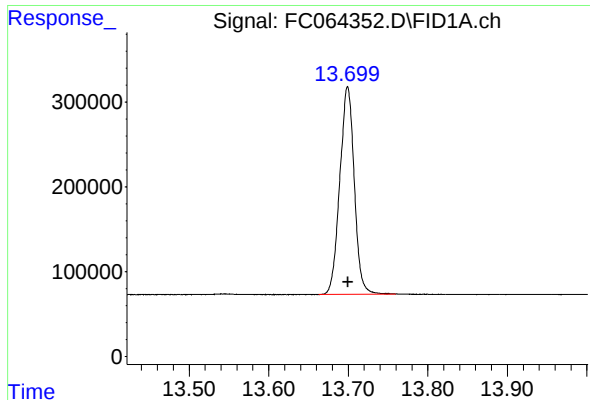
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: -0.003 min
Response: 3142041
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

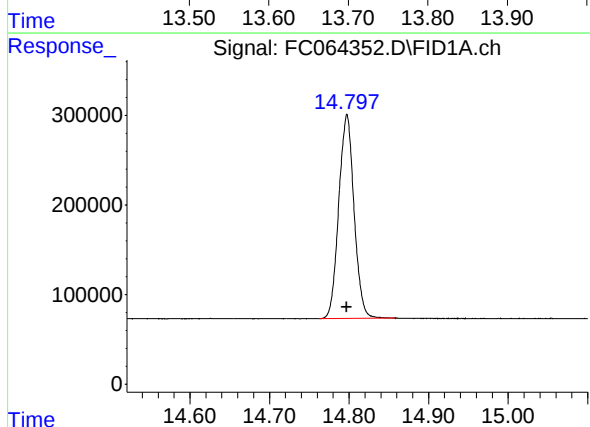
R.T.: 12.947 min
Delta R.T.: -0.001 min
Response: 2802477
Conc: 22.22 ug/ml



#13 n-Docosane (C22)

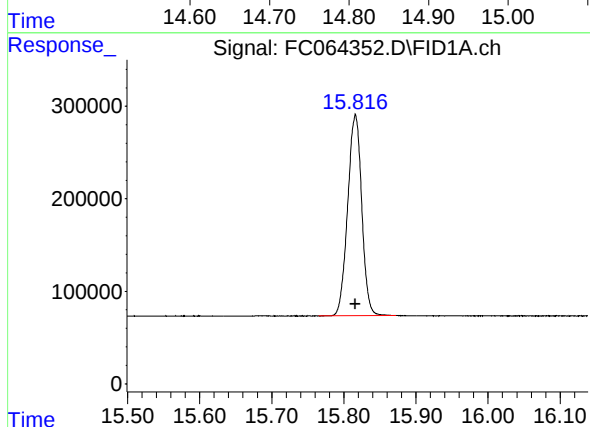
R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 3096284
Conc: 21.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



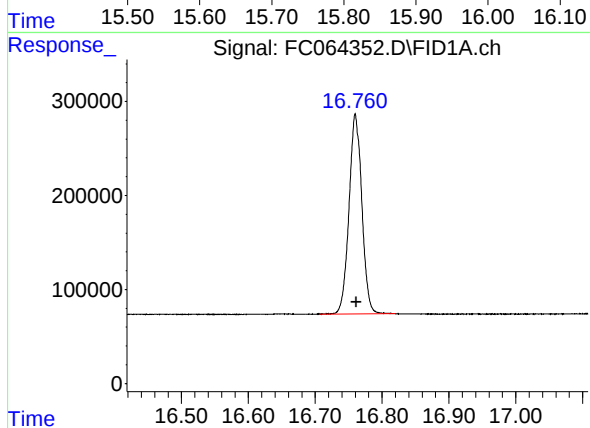
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 3040190
Conc: 21.64 ug/ml



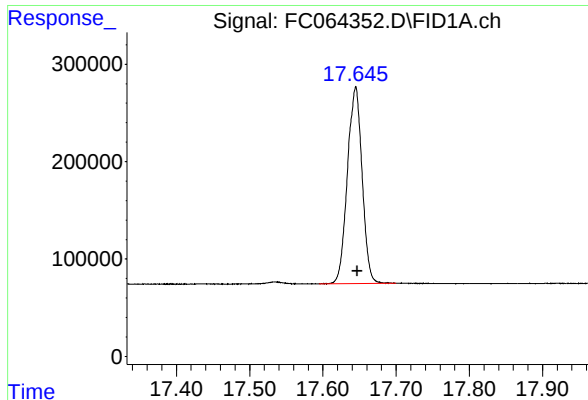
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.000 min
Response: 2946884
Conc: 21.46 ug/ml



#16 n-Octacosane (C28)

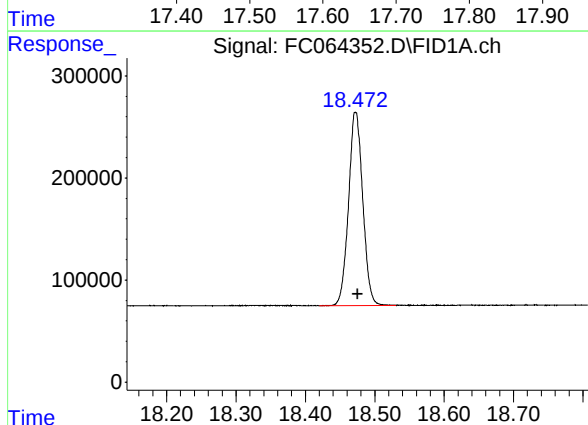
R.T.: 16.760 min
Delta R.T.: -0.002 min
Response: 2841000
Conc: 21.19 ug/ml



#17 n-Tricontane (C30)

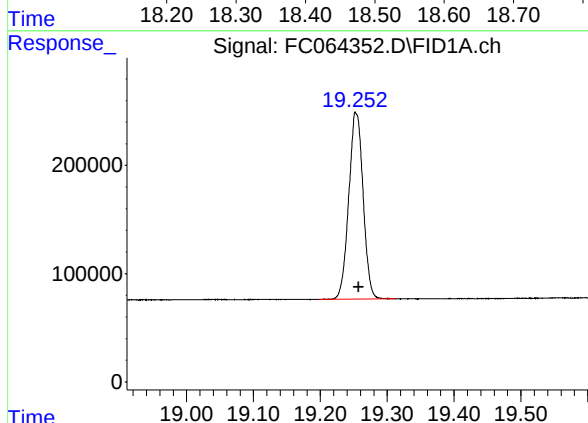
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 2810820
Conc: 20.25 ug/ml

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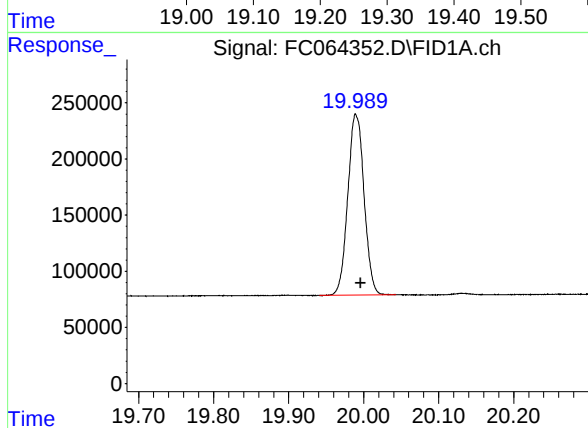
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.003 min
Response: 2699431
Conc: 19.18 ug/ml



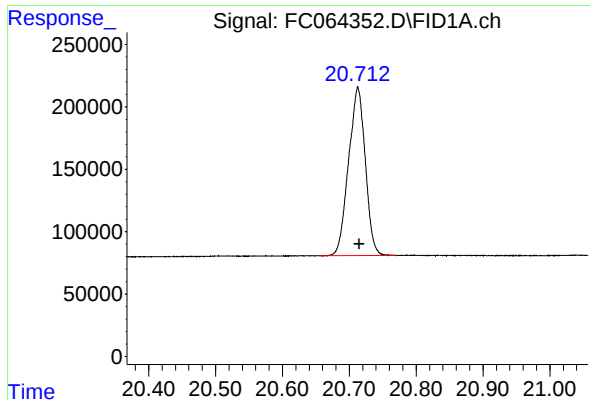
#19 n-Tetatriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.005 min
Response: 2574740
Conc: 18.54 ug/ml



#20 n-Hexatriacontane (C36)

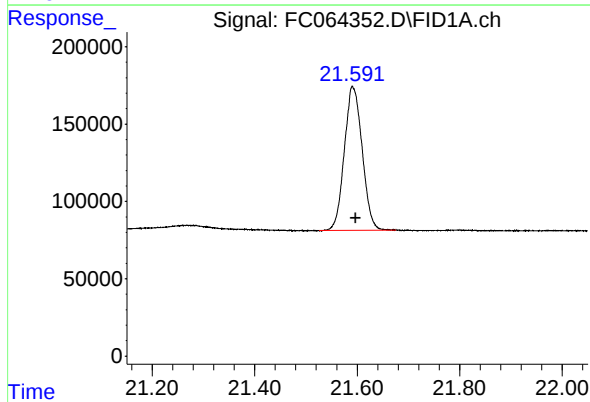
R.T.: 19.990 min
Delta R.T.: -0.006 min
Response: 2424436
Conc: 17.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.002 min
Response: 2347942
Conc: 17.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: -0.006 min
Response: 2247775
Conc: 16.73 ug/ml