

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091623AL\
 Data File : FC064585.D
 Signal(s) : FID1A.ch
 Acq On : 15 Sep 2023 09:58
 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: Sep 16 00:26:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.501	3760106	18.583 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
12) S 1-chlorooctadecane (S...	12.936	2733993	18.770 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.298	3273572	18.524 ug/ml
2) T n-Decane (C10)	4.357	3284996	18.286 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3469976	18.471 ug/ml
4) T n-Dodecane (C12)	6.368	3336395	18.368 ug/ml
5) T A~2-methylnaphthalene...	6.991	3330523	18.676 ug/ml
6) T n-Tetradecane (C14)	8.157	3246290	18.295 ug/ml
7) T n-Hexadecane (C16)	9.753	3236485	18.005 ug/ml
8) T n-Octadecane (C18)	11.189	3231541	17.848 ug/ml
10) T n-Eicosane (C20)	12.493	3076931	18.063 ug/ml
11) T n-Heneicosane (C21)	13.103	3006986	18.155 ug/ml
13) T n-Docosane (C22)	13.688	2930287	17.987 ug/ml
14) T n-Tetracosane (C24)	14.785	2817483	17.747 ug/ml
15) T n-Hexacosane (C26)	15.803	2698825	17.680 ug/ml
16) T n-Octacosane (C28)	16.749	2595283	17.536 ug/ml
17) T n-Tricontane (C30)	17.633	2565909	17.272 ug/ml
18) T n-Dotriacontane (C32)	18.462	2520274	17.269 ug/ml
19) T n-Tetratriacontane (C34)	19.244	2470106	17.375 ug/ml
20) T n-Hexatriacontane (C36)	19.978	2465477	17.900 ug/ml
21) T n-Octatriacontane (C38)	20.698	2442144	17.819 ug/ml
22) T n-Tetracontane (C40)	21.575	2427467	17.845 ug/ml

(f)=RT Delta > 1/2 Window

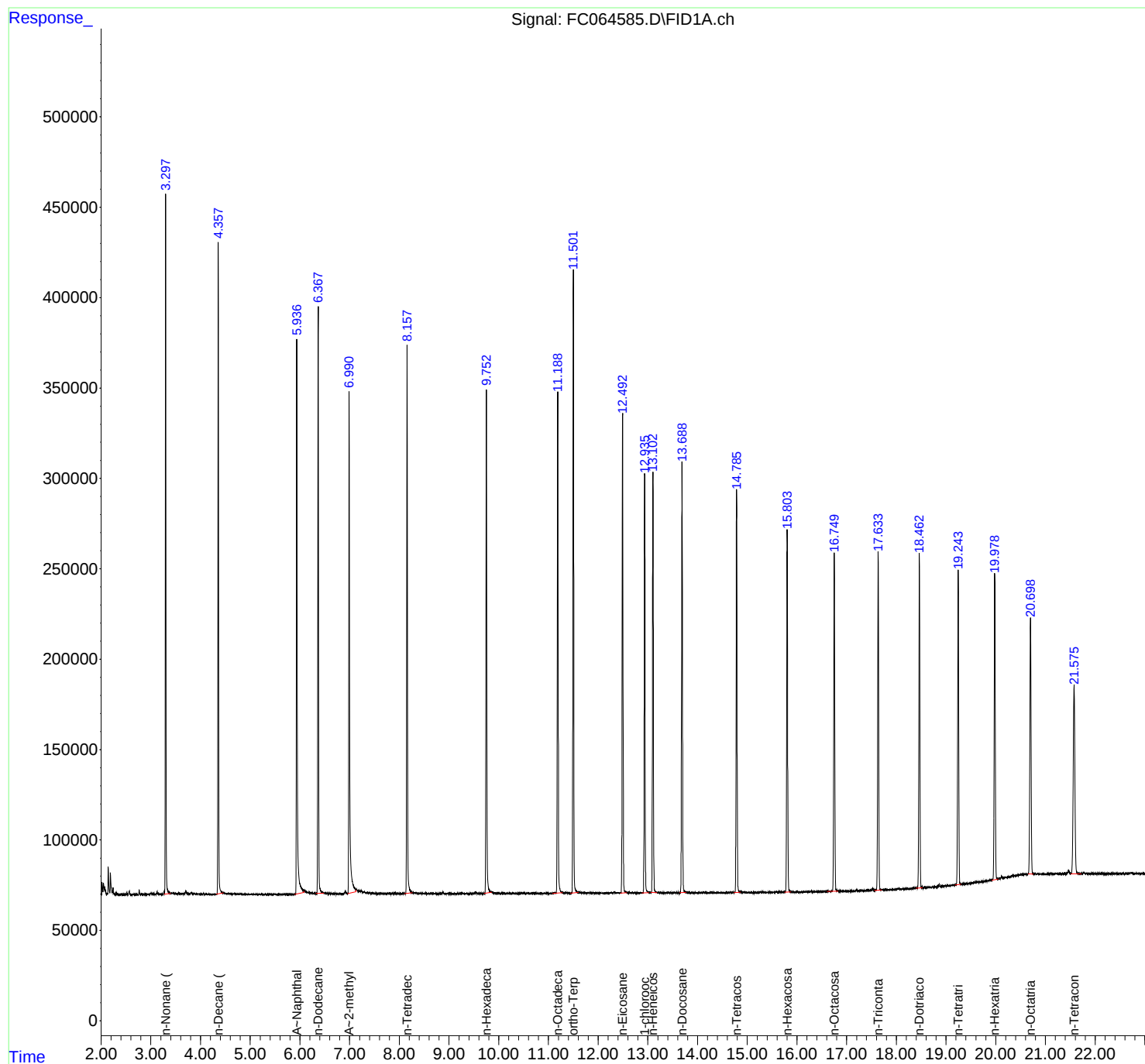
(m)=manual int.

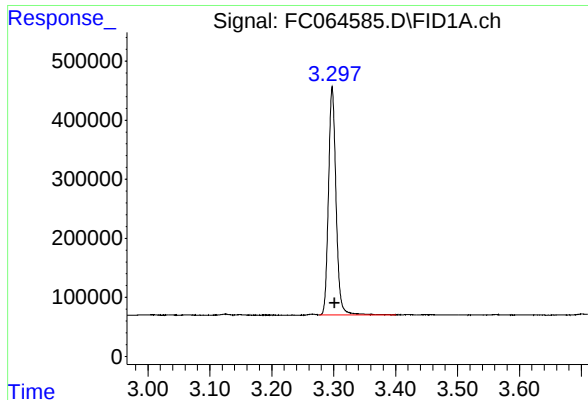
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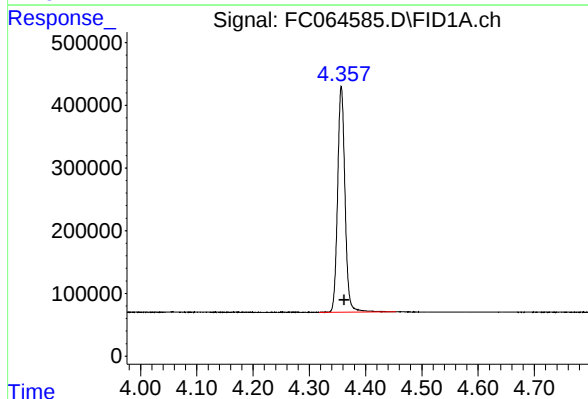




#1 n-Nonane (C9)

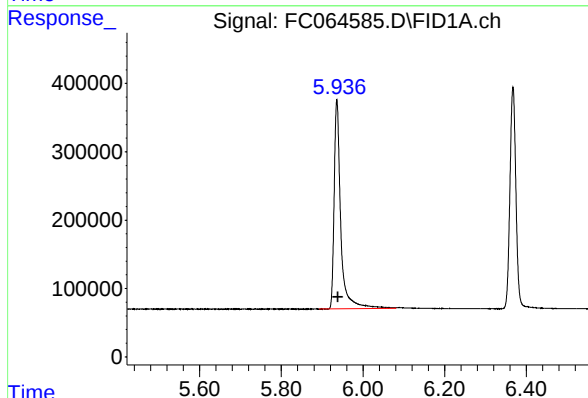
R.T.: 3.298 min
Delta R.T.: -0.004 min
Response: 3273572
Conc: 18.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



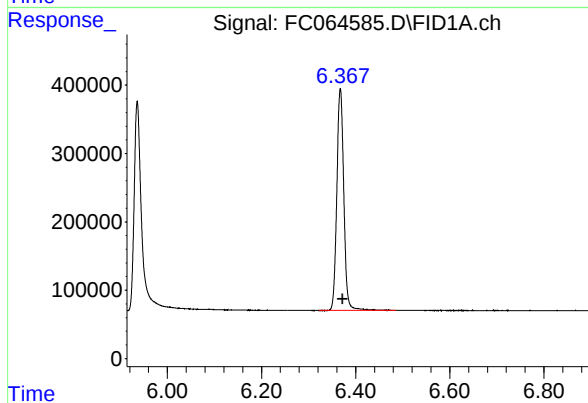
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 3284996
Conc: 18.29 ug/ml



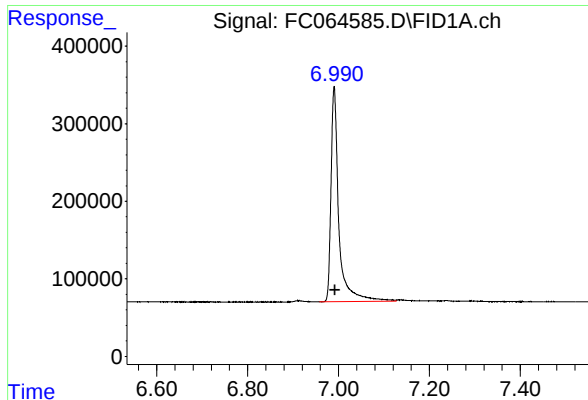
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 3469976
Conc: 18.47 ug/ml



#4 n-Dodecane (C12)

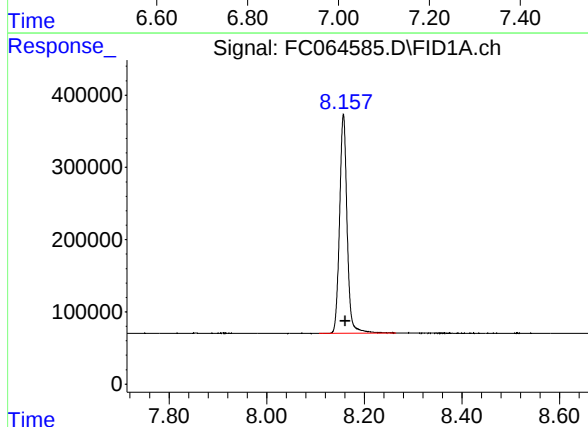
R.T.: 6.368 min
Delta R.T.: -0.005 min
Response: 3336395
Conc: 18.37 ug/ml



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

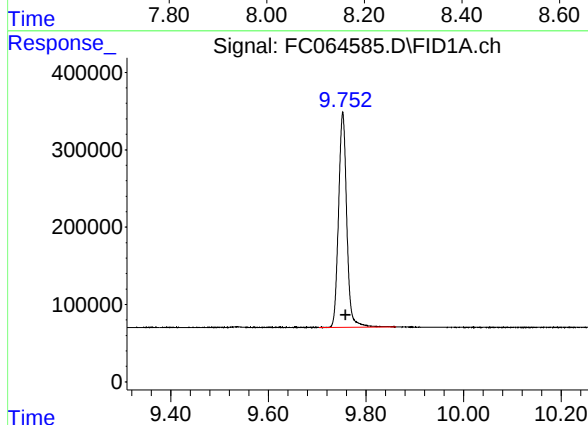
R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 3330523
Conc: 18.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



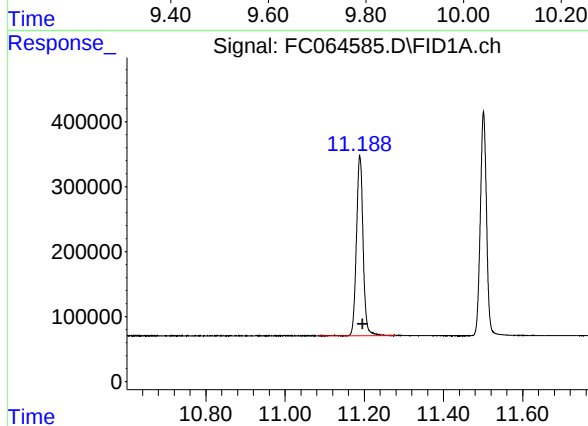
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 3246290
Conc: 18.30 ug/ml



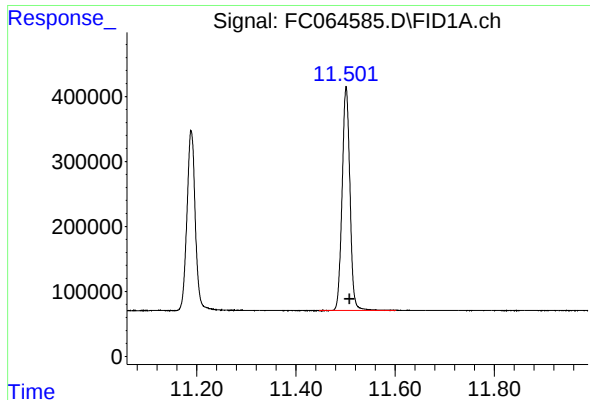
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: -0.006 min
Response: 3236485
Conc: 18.00 ug/ml



#8 n-Octadecane (C18)

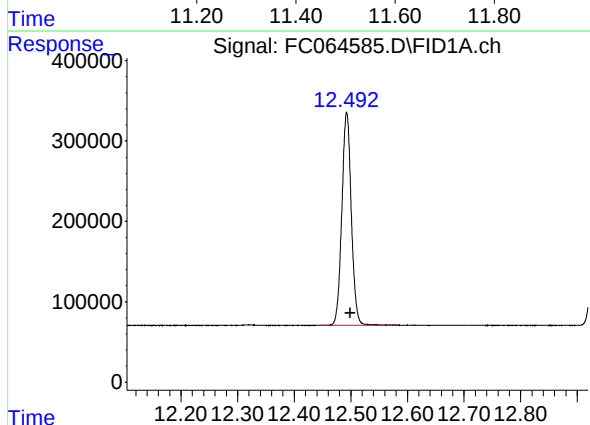
R.T.: 11.189 min
Delta R.T.: -0.007 min
Response: 3231541
Conc: 17.85 ug/ml



#9 ortho-Terphenyl (SURR)

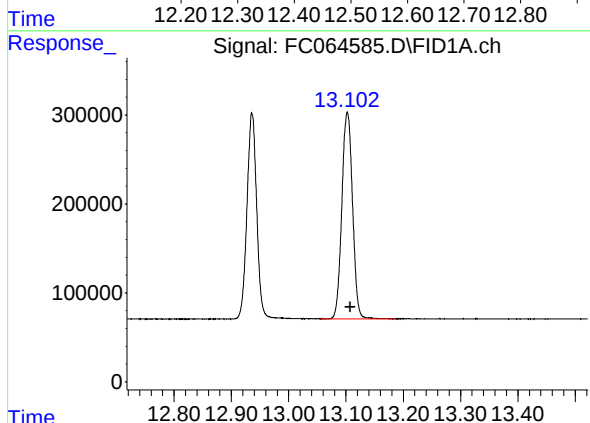
R.T.: 11.501 min
Delta R.T.: -0.007 min
Response: 3760106
Conc: 18.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



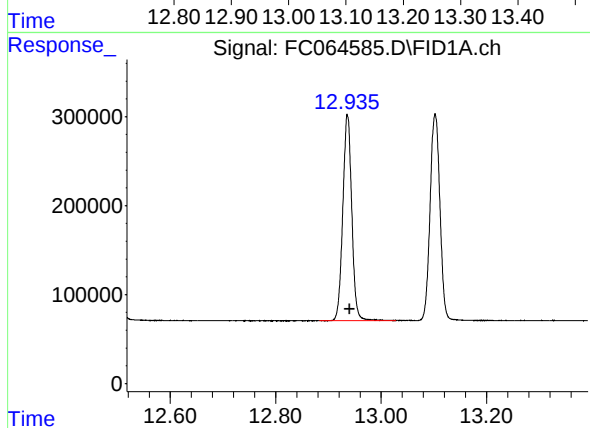
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: -0.006 min
Response: 3076931
Conc: 18.06 ug/ml



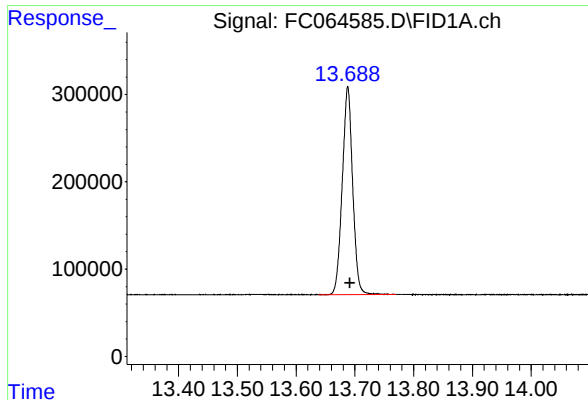
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.005 min
Response: 3006986
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

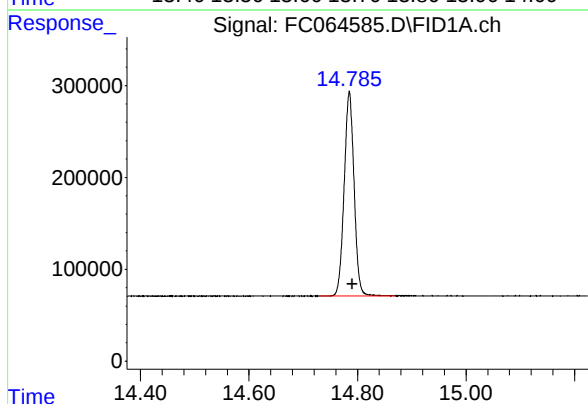
R.T.: 12.936 min
Delta R.T.: -0.004 min
Response: 2733993
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

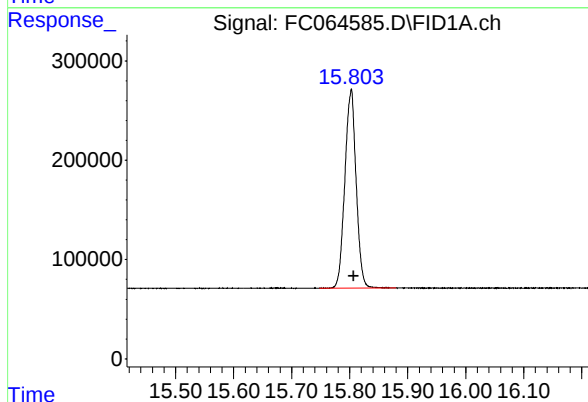
R.T.: 13.688 min
Delta R.T.: -0.004 min
Response: 2930287
Conc: 17.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



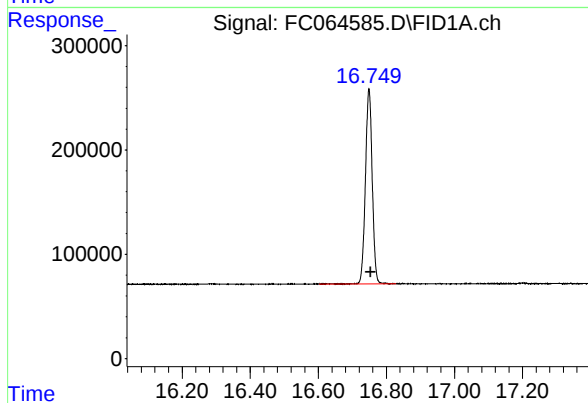
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.005 min
Response: 2817483
Conc: 17.75 ug/ml



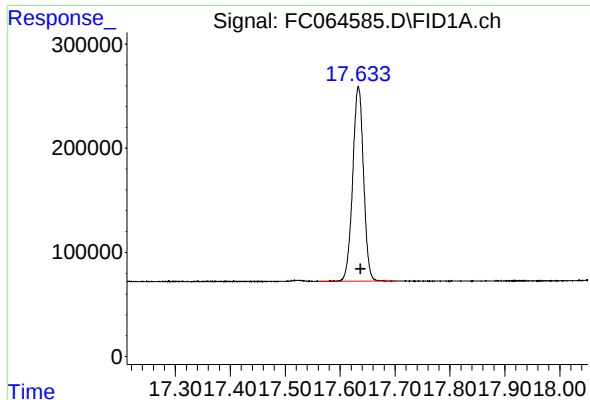
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.004 min
Response: 2698825
Conc: 17.68 ug/ml



#16 n-Octacosane (C28)

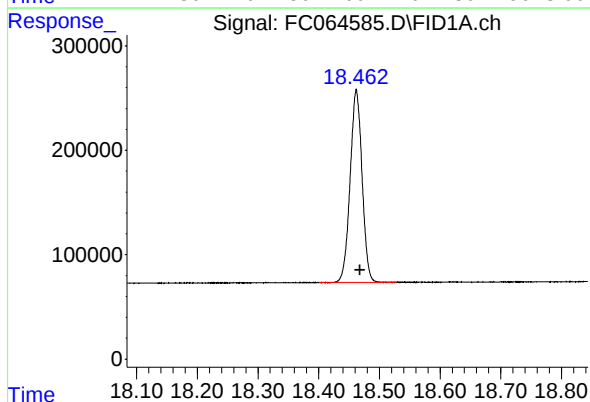
R.T.: 16.749 min
Delta R.T.: -0.005 min
Response: 2595283
Conc: 17.54 ug/ml



#17 n-Tricontane (C30)

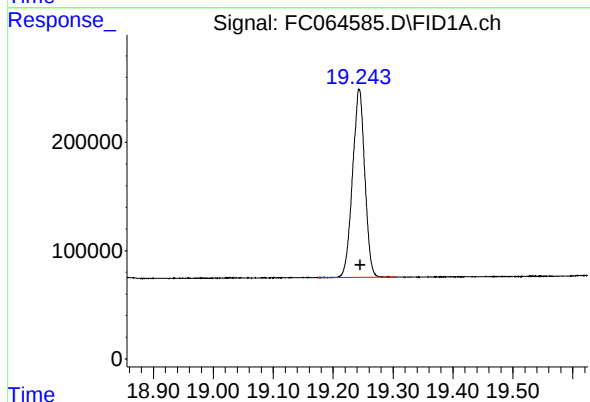
R.T.: 17.633 min
Delta R.T.: -0.004 min
Response: 2565909
Conc: 17.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



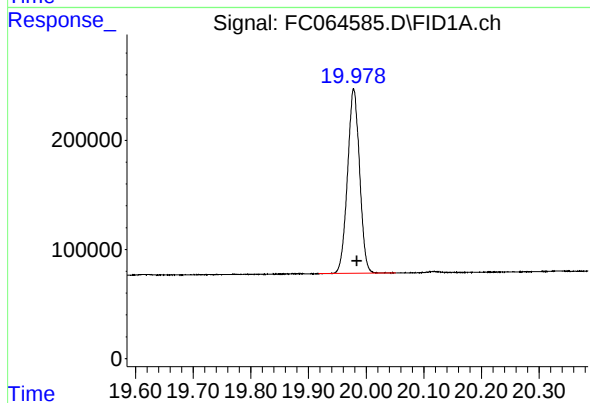
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.006 min
Response: 2520274
Conc: 17.27 ug/ml



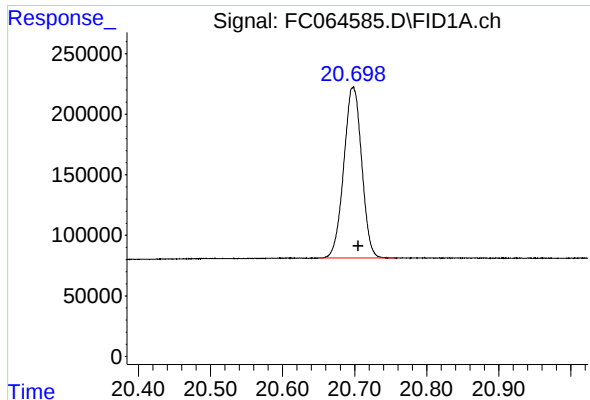
#19 n-Tetatriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.002 min
Response: 2470106
Conc: 17.37 ug/ml



#20 n-Hexatriacontane (C36)

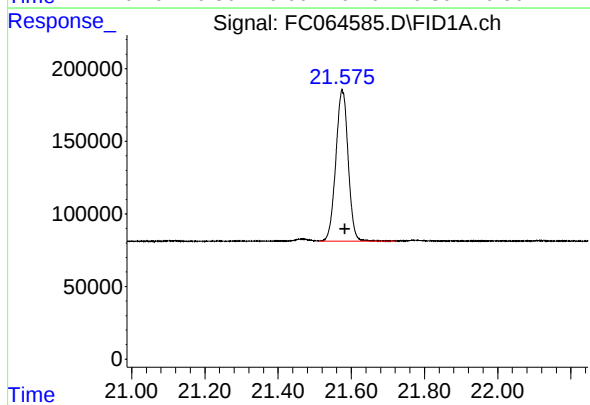
R.T.: 19.978 min
Delta R.T.: -0.005 min
Response: 2465477
Conc: 17.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.007 min
Response: 2442144
Conc: 17.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.008 min
Response: 2427467
Conc: 17.85 ug/ml