

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113023AL\
 Data File : FC065329.D
 Signal(s) : FID1A.ch
 Acq On : 30 Nov 2023 10:14
 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: Nov 30 23:27:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 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)	11.504	4683204	20.186 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
12) S 1-chlorooctadecane (S...	12.934	3339598	20.168 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.303	3899747	19.475 ug/ml
2) T n-Decane (C10)	4.363	4029442	20.048 ug/ml
3) T A~Naphthalene (C11.7)	5.944	4143081	20.406 ug/ml
4) T n-Dodecane (C12)	6.373	4029585	19.815 ug/ml
5) T A~2-methylnaphthalene...	6.998	3911951	20.127 ug/ml
6) T n-Tetradecane (C14)	8.161	3906436	19.657 ug/ml
7) T n-Hexadecane (C16)	9.754	3957572	19.979 ug/ml
8) T n-Octadecane (C18)	11.190	3999225	20.191 ug/ml
10) T n-Eicosane (C20)	12.492	3812679	20.148 ug/ml
11) T n-Heneicosane (C21)	13.101	3735260	20.215 ug/ml
13) T n-Docosane (C22)	13.685	3685429	20.428 ug/ml
14) T n-Tetracosane (C24)	14.783	3579040	20.644 ug/ml
15) T n-Hexacosane (C26)	15.799	3457697	20.765 ug/ml
16) T n-Octacosane (C28)	16.744	3442482	21.523 ug/ml
17) T n-Tricontane (C30)	17.627	3645242	22.893 ug/ml
18) T n-Dotriacontane (C32)	18.455	3675544	23.381 ug/ml
19) T n-Tetratriacontane (C34)	19.235	3480178	22.552 ug/ml
20) T n-Hexatriacontane (C36)	19.972	3298589	21.519 ug/ml
21) T n-Octatriacontane (C38)	20.690	3150387	20.718 ug/ml
22) T n-Tetracontane (C40)	21.567	3021227	20.154 ug/ml

(f)=RT Delta > 1/2 Window

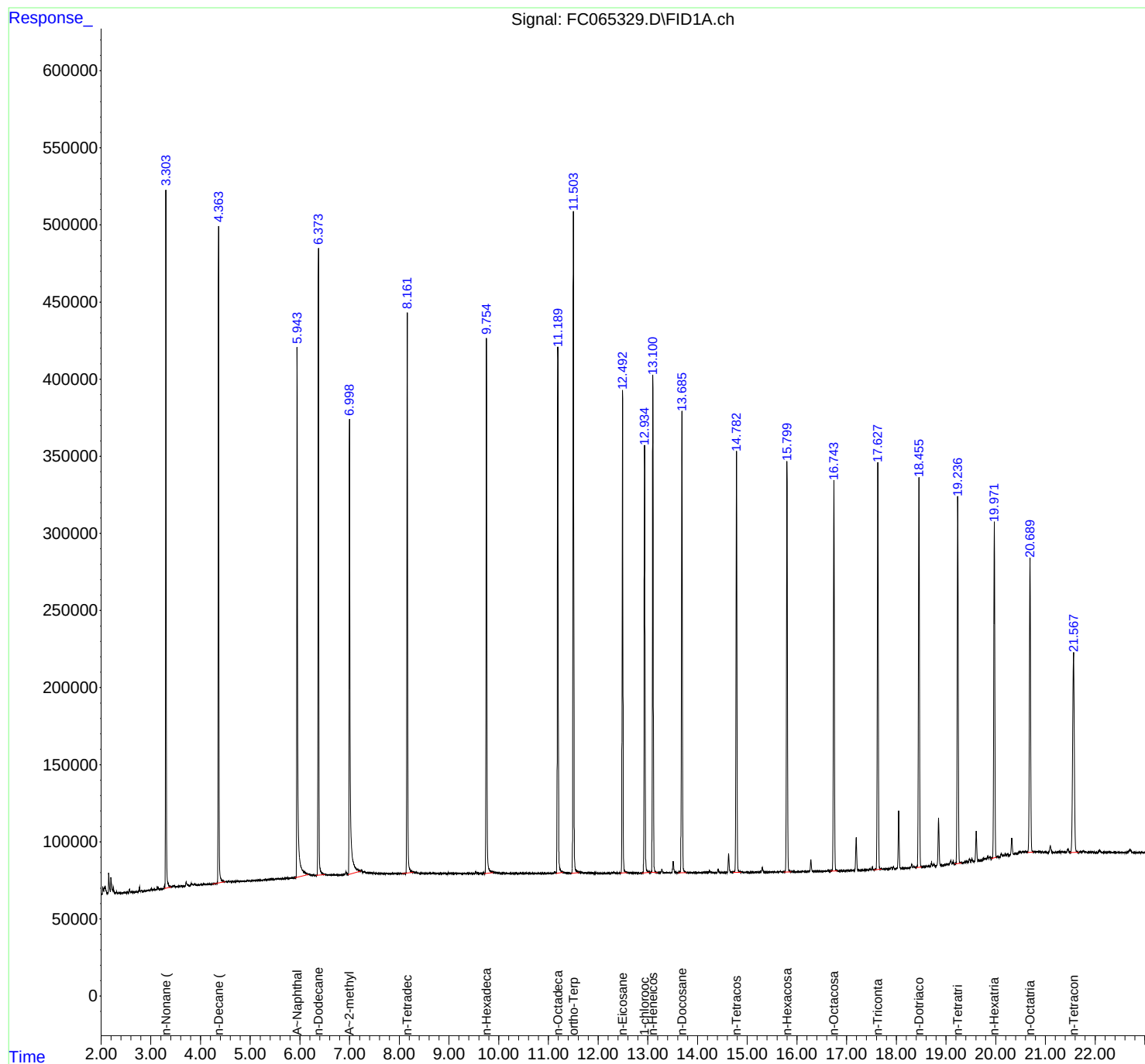
(m)=manual int.

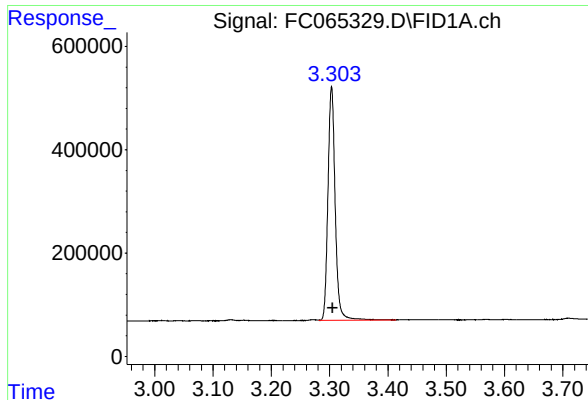
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113023AL\
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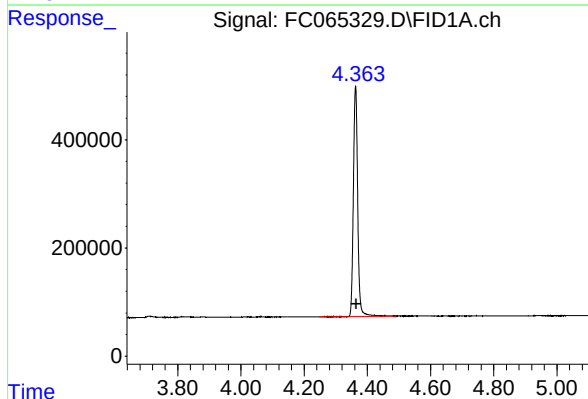




#1 n-Nonane (C9)

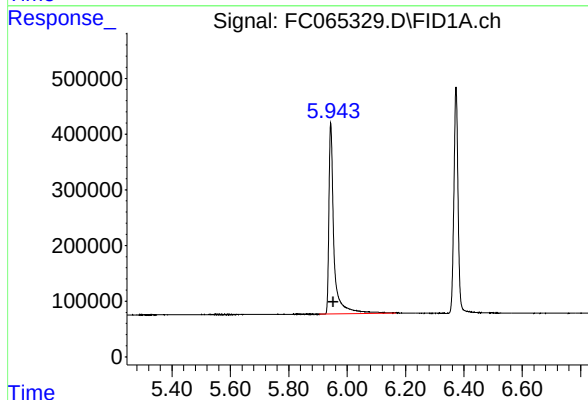
R.T.: 3.303 min
Delta R.T.: -0.002 min
Response: 3899747
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



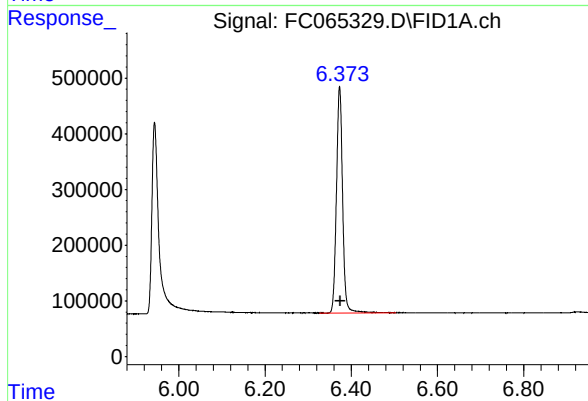
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 4029442
Conc: 20.05 ug/ml



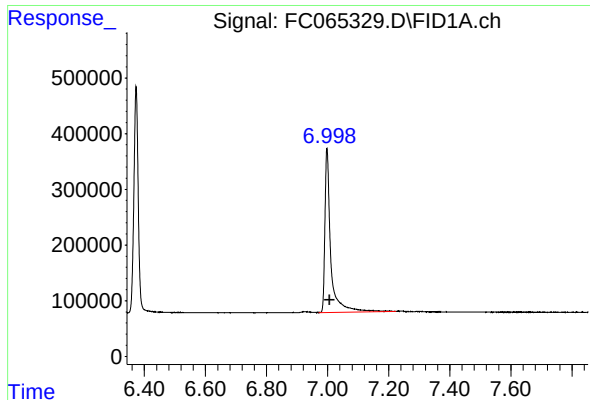
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 4143081
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

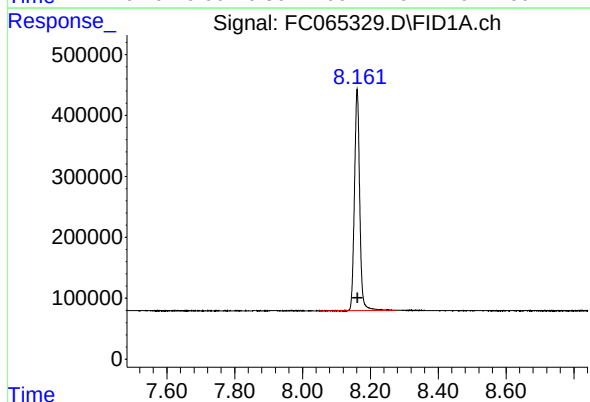
R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 4029585
Conc: 19.82 ug/ml



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

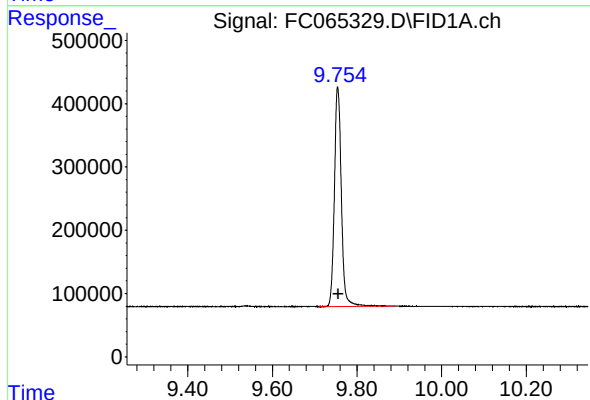
R.T.: 6.998 min
Delta R.T.: -0.009 min
Response: 3911951
Conc: 20.13 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



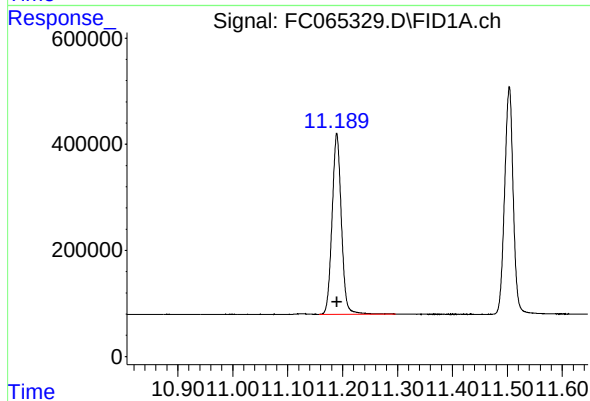
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.001 min
Response: 3906436
Conc: 19.66 ug/ml



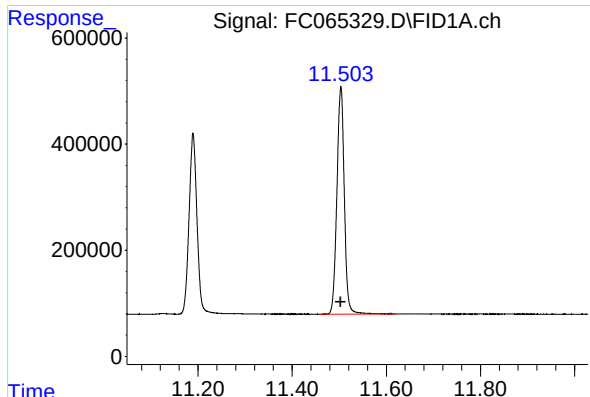
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.001 min
Response: 3957572
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

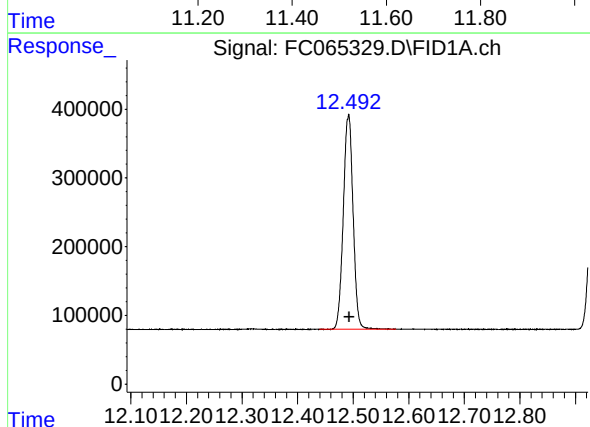
R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 3999225
Conc: 20.19 ug/ml



#9 ortho-Terphenyl (SURR)

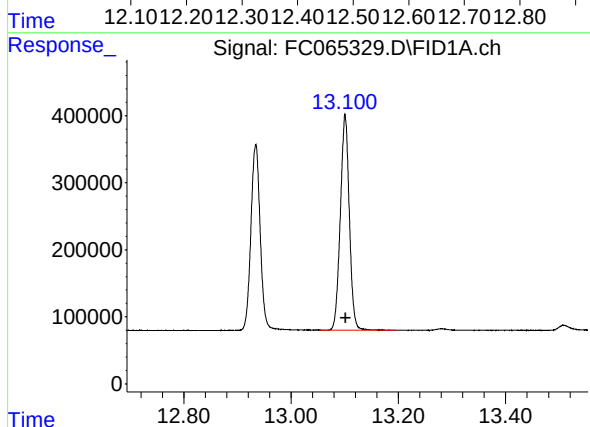
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 4683204
Conc: 20.19 ug/ml

Instrument :
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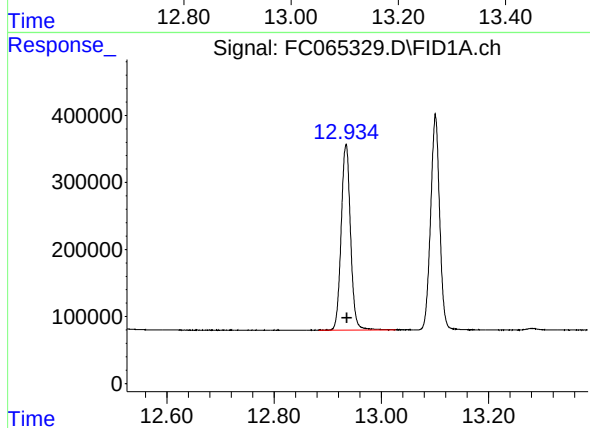
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 3812679
Conc: 20.15 ug/ml



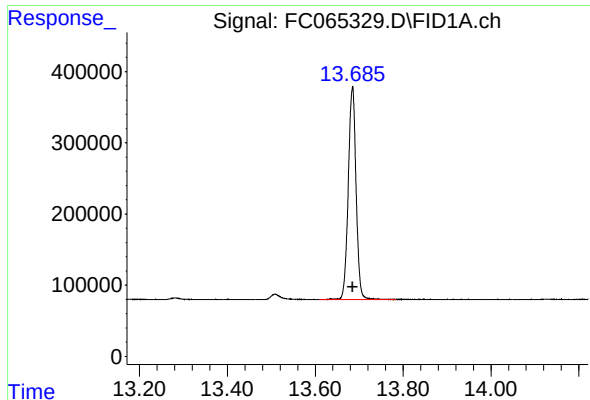
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 3735260
Conc: 20.22 ug/ml



#12 1-chlorooctadecane (SURR)

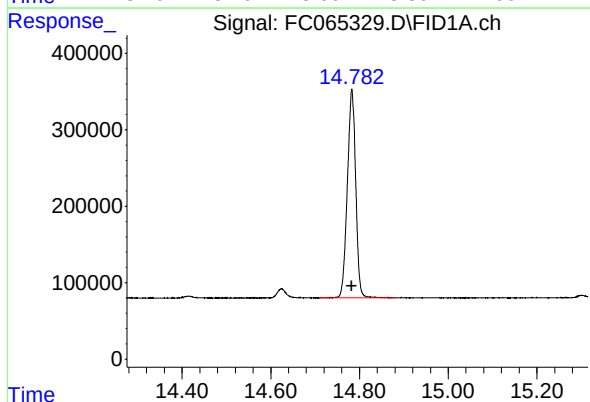
R.T.: 12.934 min
Delta R.T.: -0.002 min
Response: 3339598
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

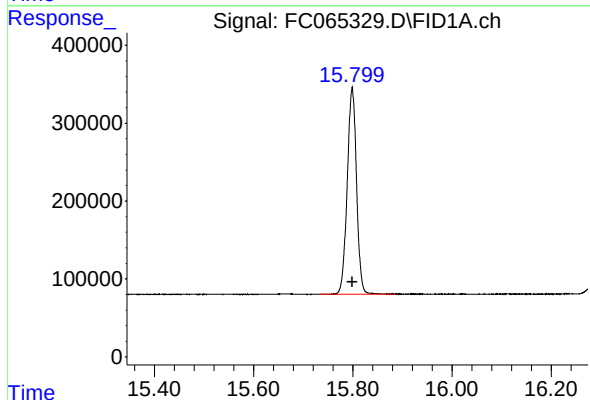
R.T.: 13.685 min
Delta R.T.: 0.000 min
Response: 3685429
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



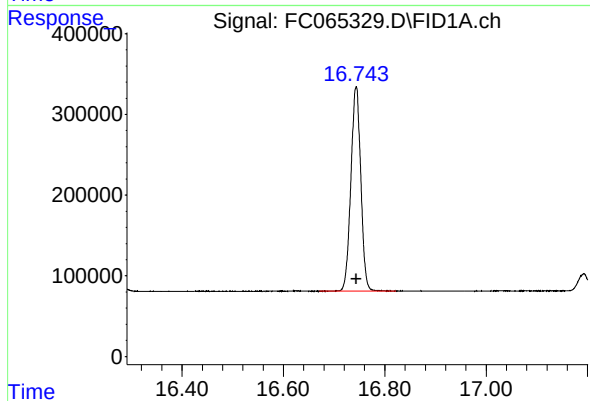
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.000 min
Response: 3579040
Conc: 20.64 ug/ml



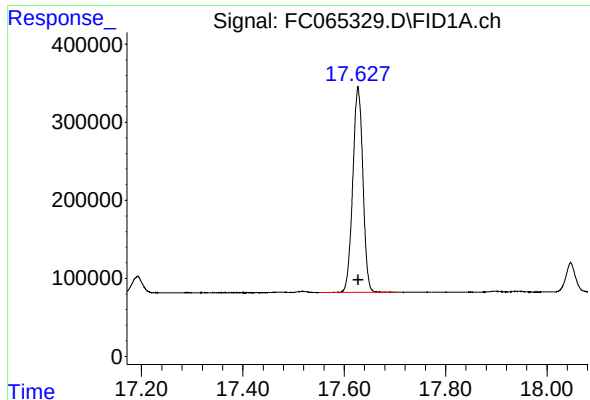
#15 n-Hexacosane (C26)

R.T.: 15.799 min
Delta R.T.: 0.000 min
Response: 3457697
Conc: 20.77 ug/ml



#16 n-Octacosane (C28)

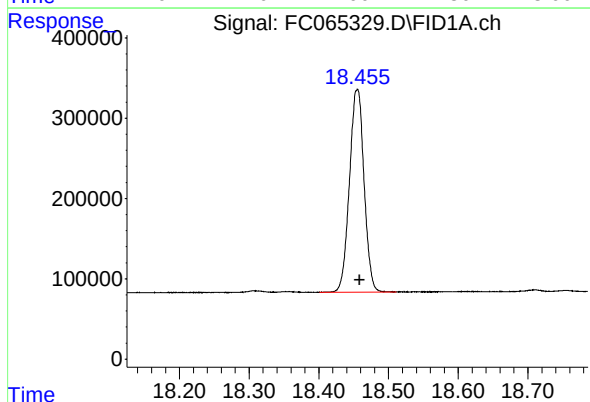
R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 3442482
Conc: 21.52 ug/ml



#17 n-Tricontane (C30)

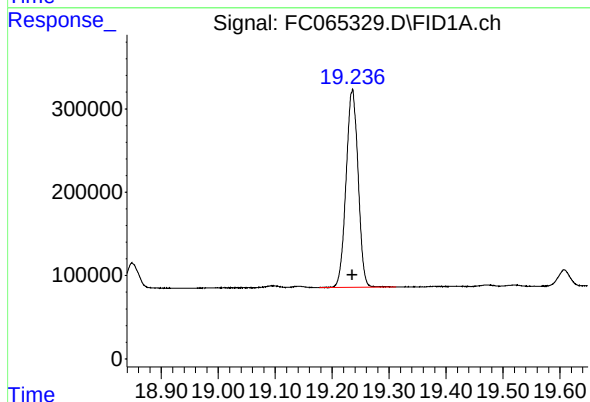
R.T.: 17.627 min
Delta R.T.: 0.000 min
Response: 3645242
Conc: 22.89 ug/ml

Instrument :
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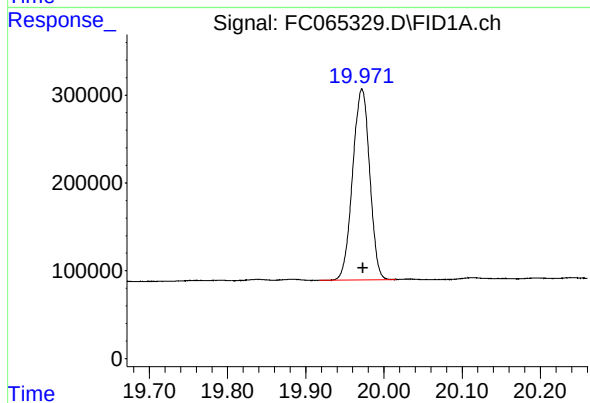
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.003 min
Response: 3675544
Conc: 23.38 ug/ml



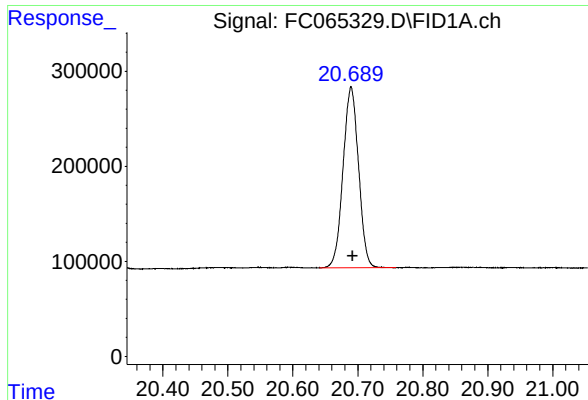
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.000 min
Response: 3480178
Conc: 22.55 ug/ml



#20 n-Hexatriacontane (C36)

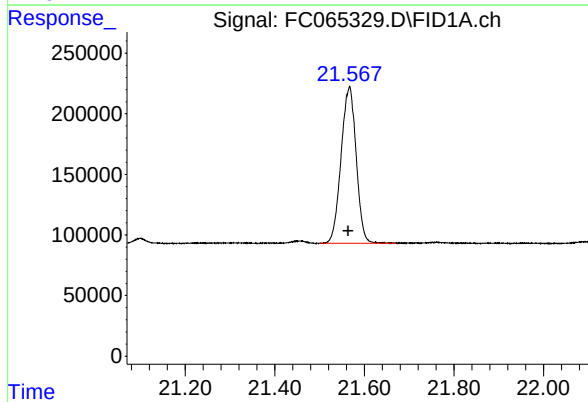
R.T.: 19.972 min
Delta R.T.: -0.001 min
Response: 3298589
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: -0.002 min
Response: 3150387
Conc: 20.72 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: 0.003 min
Response: 3021227
Conc: 20.15 ug/ml