

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071725AL\
 Data File : FC069485.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2025 13:20
 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: Jul 18 00:07:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 2025
 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)	11.668	2732239	18.411 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	13.104	2050933	18.148 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
Target Compounds			
1) T n-Nonane (C9)	3.400	2543174	18.689 ug/ml
2) T n-Decane (C10)	4.473	2610038	18.753 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2831588	18.739 ug/ml
4) T n-Dodecane (C12)	6.499	2635466	18.594 ug/ml
5) T A~2-methylnaphthalene...	7.127	2715156	18.585 ug/ml
6) T n-Tetradecane (C14)	8.298	2614583	18.389 ug/ml
7) T n-Hexadecane (C16)	9.902	2643611	18.112 ug/ml
8) T n-Octadecane (C18)	11.346	2597973	18.061 ug/ml
10) T n-Eicosane (C20)	12.658	2426560	18.075 ug/ml
11) T n-Heneicosane (C21)	13.271	2349908	18.091 ug/ml
13) T n-Docosane (C22)	13.858	2299817	18.107 ug/ml
14) T n-Tetracosane (C24)	14.963	2221965	18.205 ug/ml
15) T n-Hexacosane (C26)	15.985	2110988	18.170 ug/ml
16) T n-Octacosane (C28)	16.936	2013566	18.187 ug/ml
17) T n-Tricontane (C30)	17.825	1977812	18.062 ug/ml
18) T n-Dotriacontane (C32)	18.660	1885253	18.168 ug/ml
19) T n-Tetratriacontane (C34)	19.442	1729346	18.353 ug/ml
20) T n-Hexatriacontane (C36)	20.184	1522636	18.434 ug/ml
21) T n-Octatriacontane (C38)	20.950	1410180	18.566 ug/ml
22) T n-Tetracontane (C40)	21.912	1353944	18.484 ug/ml

(f)=RT Delta > 1/2 Window

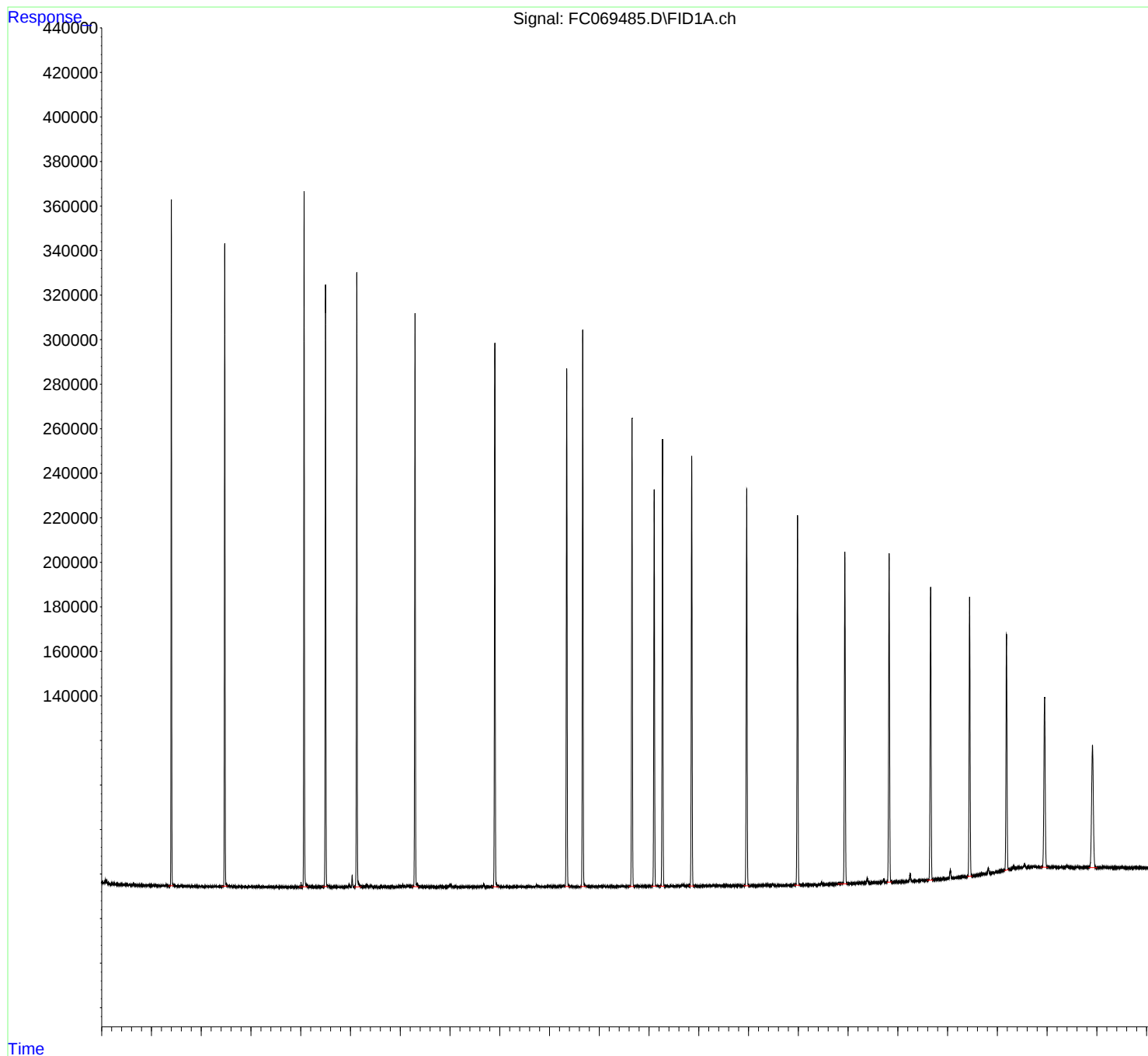
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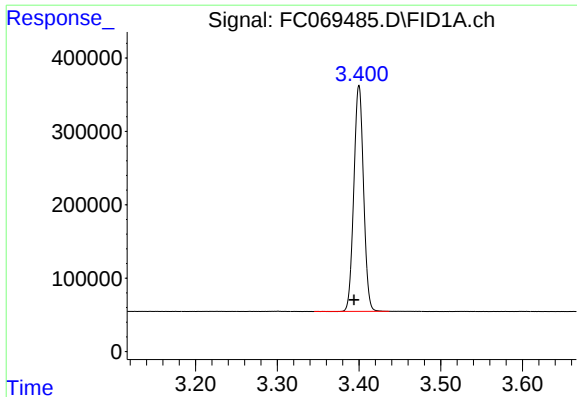
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071725AL\
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Integrator: ChemStation

Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

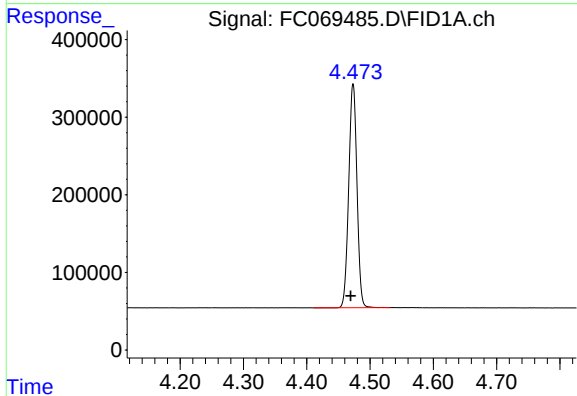




#1 n-Nonane (C9)

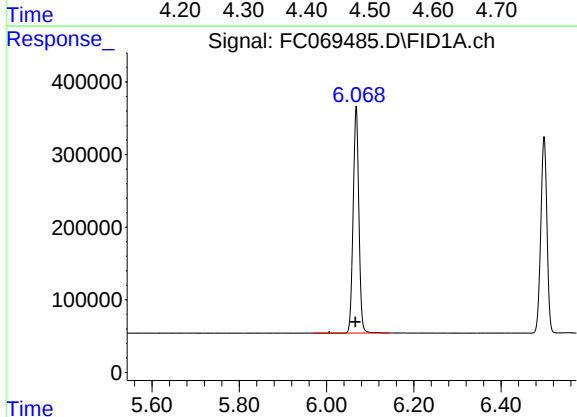
R.T.: 3.400 min
Delta R.T.: 0.006 min
Response: 2543174
Conc: 18.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



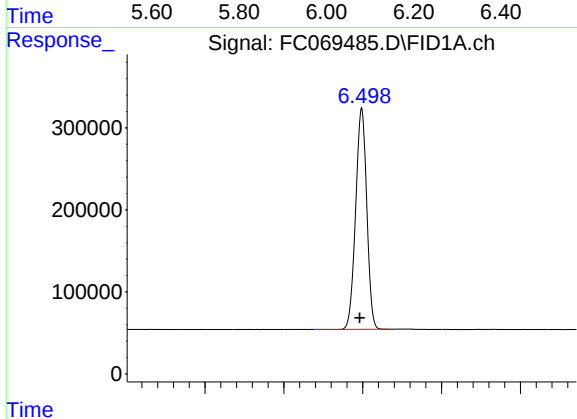
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.004 min
Response: 2610038
Conc: 18.75 ug/ml



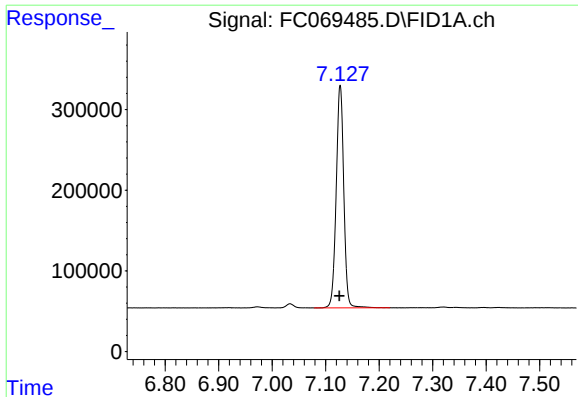
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2831588
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

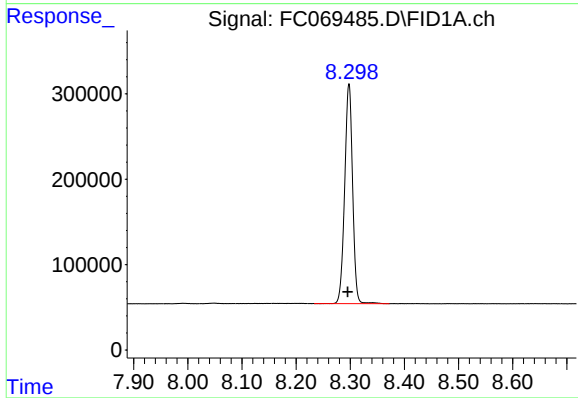
R.T.: 6.499 min
Delta R.T.: 0.002 min
Response: 2635466
Conc: 18.59 ug/ml



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

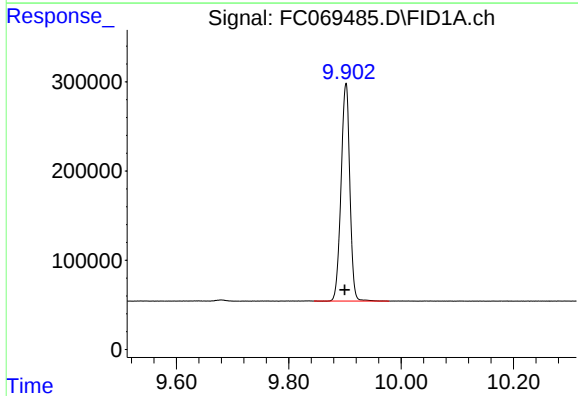
R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 2715156
Conc: 18.59 ug/ml

Instrument :
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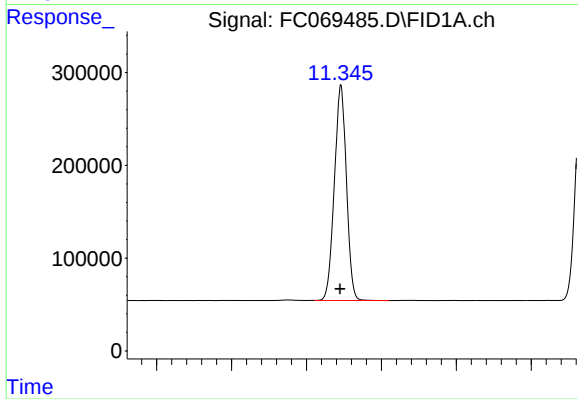
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.002 min
Response: 2614583
Conc: 18.39 ug/ml



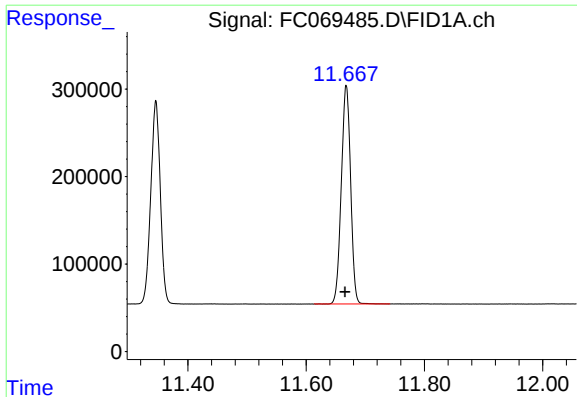
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.002 min
Response: 2643611
Conc: 18.11 ug/ml



#8 n-Octadecane (C18)

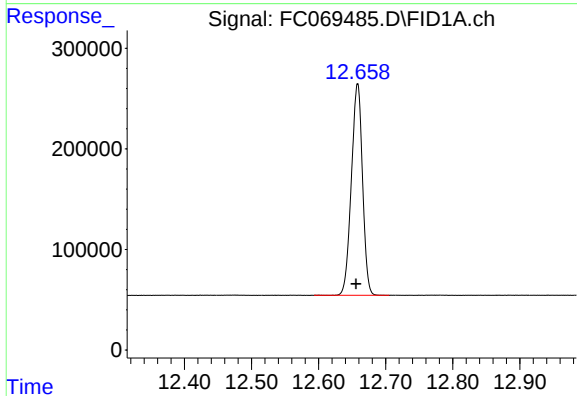
R.T.: 11.346 min
Delta R.T.: 0.001 min
Response: 2597973
Conc: 18.06 ug/ml



#9 ortho-Terphenyl (SURR)

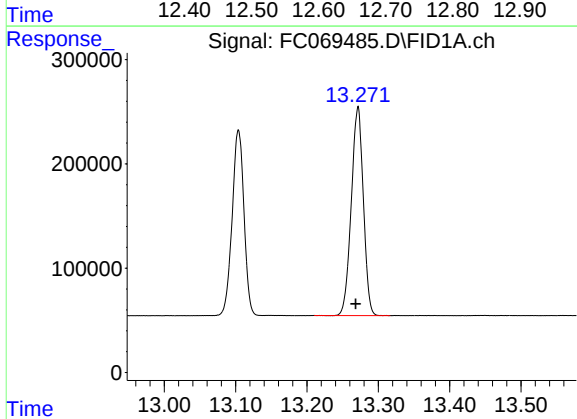
R.T.: 11.668 min
Delta R.T.: 0.002 min
Response: 2732239
Conc: 18.41 ug/ml

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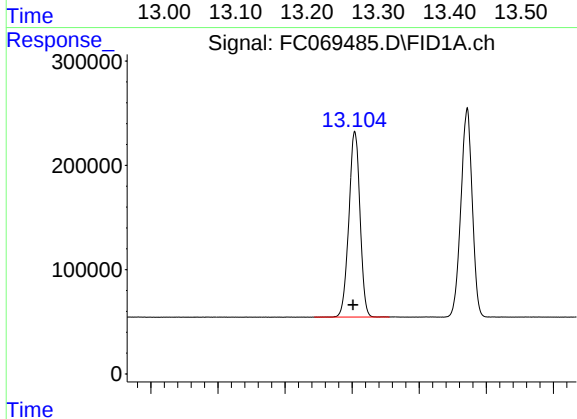
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.002 min
Response: 2426560
Conc: 18.07 ug/ml



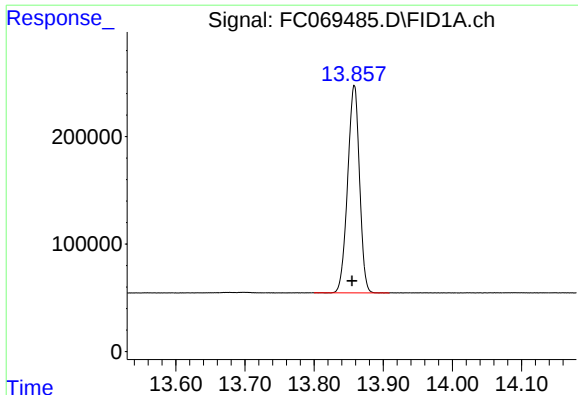
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.003 min
Response: 2349908
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

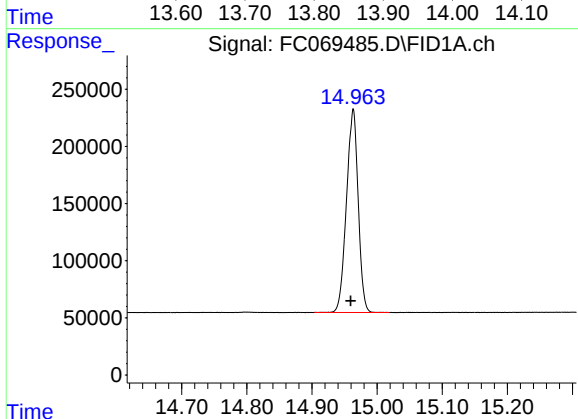
R.T.: 13.104 min
Delta R.T.: 0.002 min
Response: 2050933
Conc: 18.15 ug/ml



#13 n-Docosane (C22)

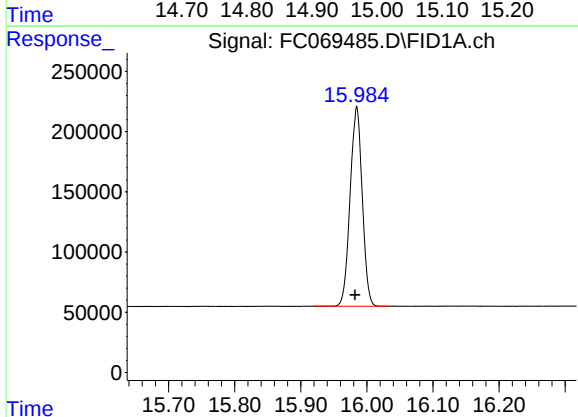
R.T.: 13.858 min
Delta R.T.: 0.003 min
Response: 2299817
Conc: 18.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



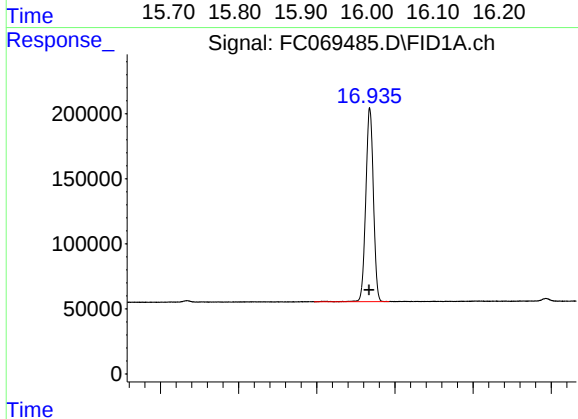
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.004 min
Response: 2221965
Conc: 18.20 ug/ml



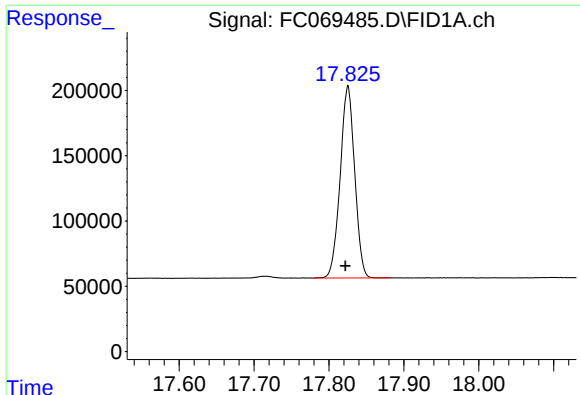
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.002 min
Response: 2110988
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

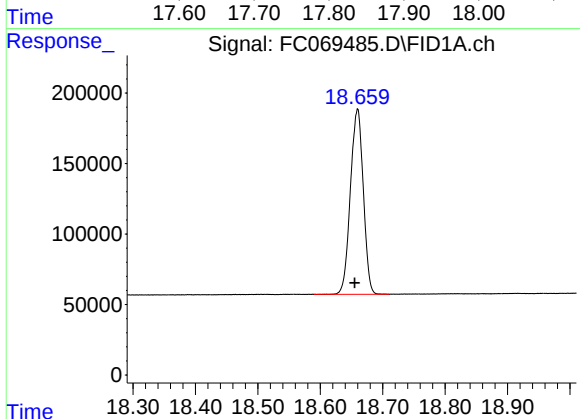
R.T.: 16.936 min
Delta R.T.: 0.002 min
Response: 2013566
Conc: 18.19 ug/ml



#17 n-Tricontane (C30)

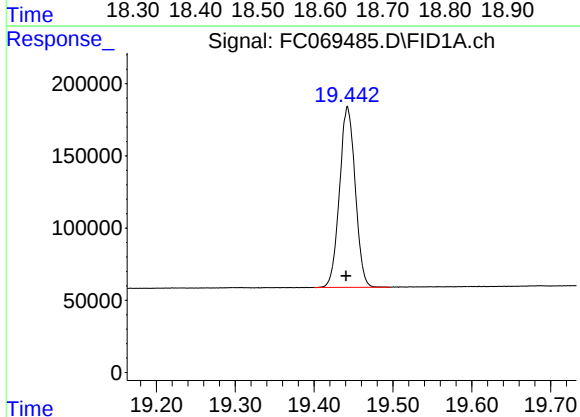
R.T.: 17.825 min
Delta R.T.: 0.003 min
Response: 1977812
Conc: 18.06 ug/ml

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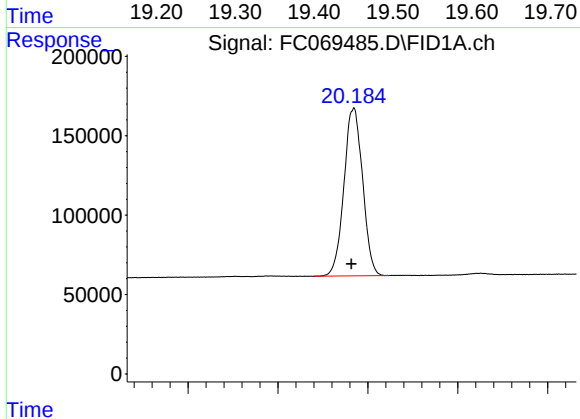
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.004 min
Response: 1885253
Conc: 18.17 ug/ml



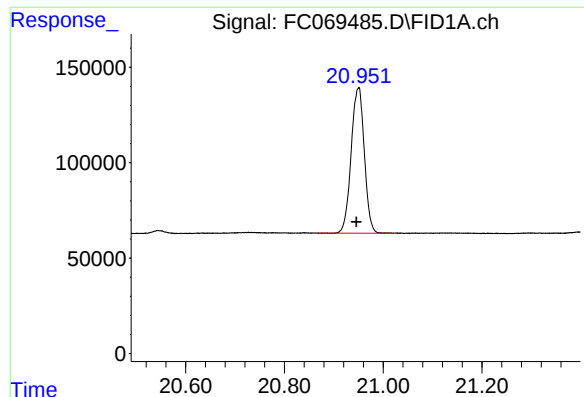
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.002 min
Response: 1729346
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

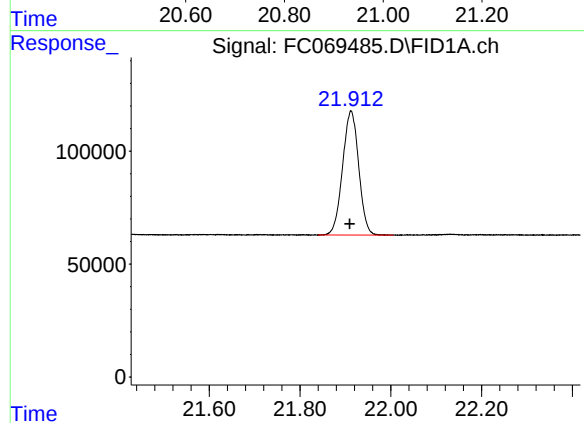
R.T.: 20.184 min
Delta R.T.: 0.002 min
Response: 1522636
Conc: 18.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.004 min
Response: 1410180
Conc: 18.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: 0.003 min
Response: 1353944
Conc: 18.48 ug/ml