

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091624AL\
 Data File : FC067133.D
 Signal(s) : FID1A.ch
 Acq On : 16 Sep 2024 10:21
 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: Sep 17 04:13:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 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	2939021	21.107 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
12) S 1-chlorooctadecane (S...	12.943	2012132	20.598 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T n-Nonane (C9)	3.279	2792518	21.052 ug/ml
2) T n-Decane (C10)	4.344	2901270	21.602 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3030904	21.326 ug/ml
4) T n-Dodecane (C12)	6.360	2914393	21.773 ug/ml
5) T A~2-methylnaphthalene...	6.978	2853238	21.367 ug/ml
6) T n-Tetradecane (C14)	8.153	2831600	21.972 ug/ml
7) T n-Hexadecane (C16)	9.752	2878193	22.324 ug/ml
8) T n-Octadecane (C18)	11.192	2873135	22.457 ug/ml
10) T n-Eicosane (C20)	12.499	2679077	22.305 ug/ml
11) T n-Heneicosane (C21)	13.111	2592008	22.193 ug/ml
13) T n-Docosane (C22)	13.696	2565024	22.216 ug/ml
14) T n-Tetracosane (C24)	14.798	2529548	22.275 ug/ml
15) T n-Hexacosane (C26)	15.817	2471068	22.296 ug/ml
16) T n-Octacosane (C28)	16.767	2463209	22.803 ug/ml
17) T n-Tricontane (C30)	17.652	2542632	23.375 ug/ml
18) T n-Dotriacontane (C32)	18.484	2460254	23.587 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2273265	24.640 ug/ml
20) T n-Hexatriacontane (C36)	20.006	1995961	25.186 ug/ml
21) T n-Octatriacontane (C38)	20.730	1639868	21.831 ug/ml
22) T n-Tetracontane (C40)	21.616	1261310	18.054 ug/ml

(f)=RT Delta > 1/2 Window

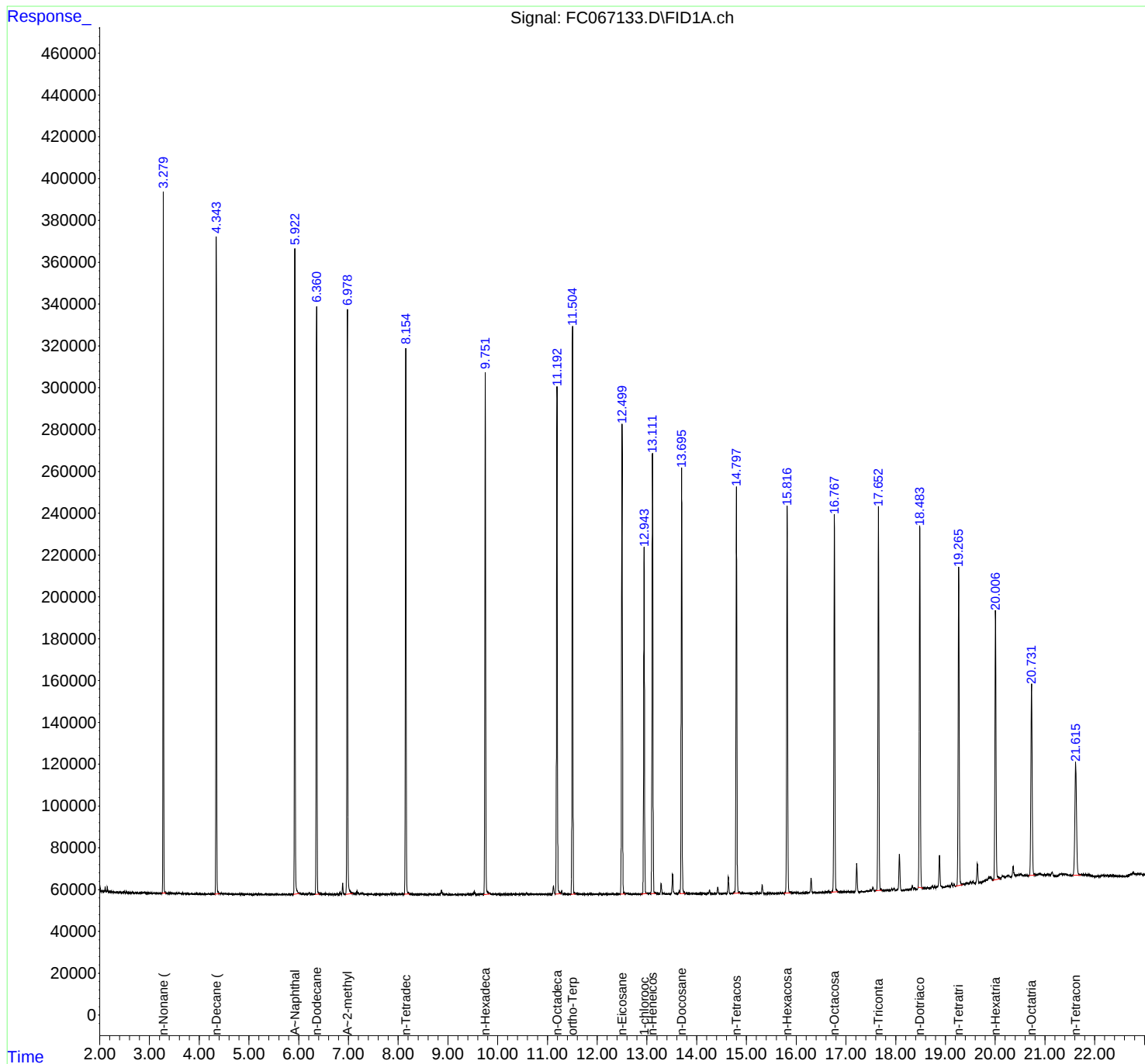
(m)=manual int.

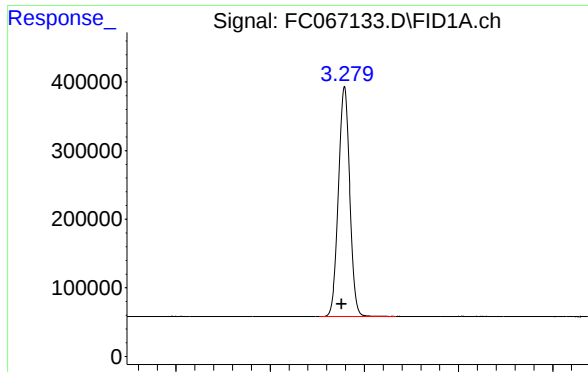
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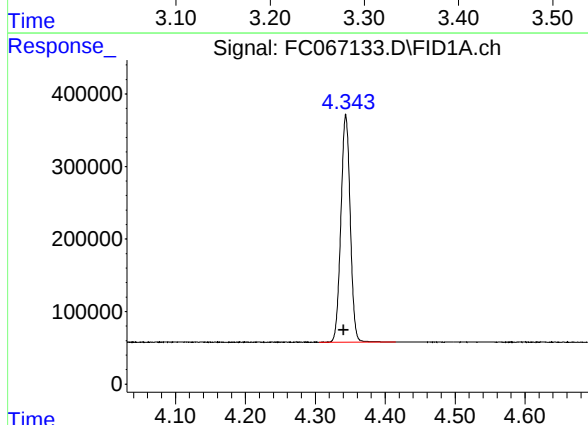




#1 n-Nonane (C9)

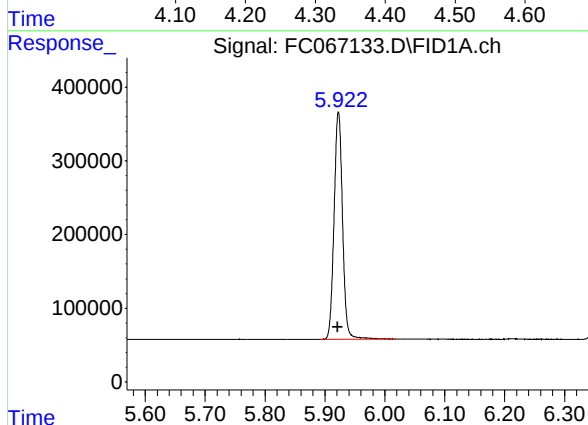
R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 2792518
Conc: 21.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



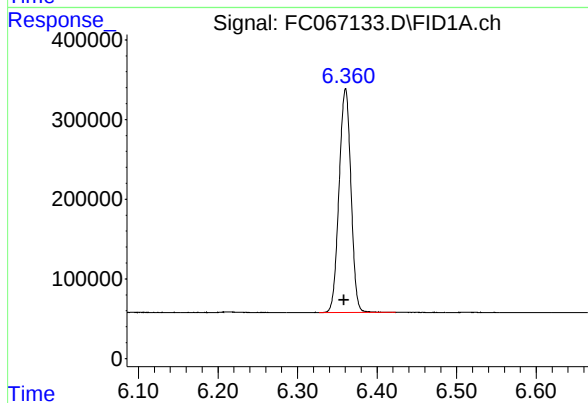
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.003 min
Response: 2901270
Conc: 21.60 ug/ml



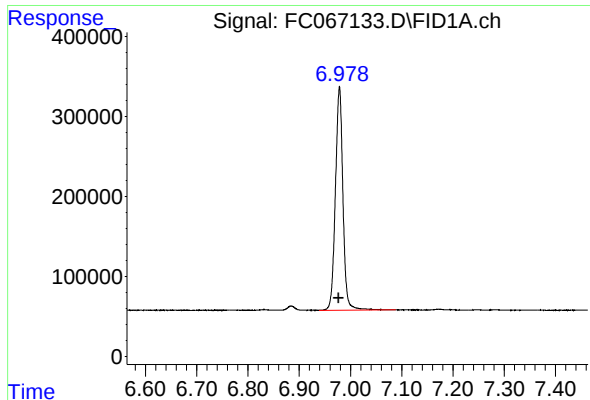
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 3030904
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

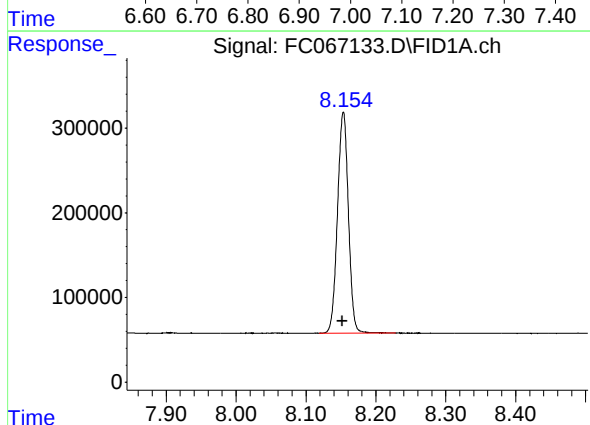
R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 2914393
Conc: 21.77 ug/ml



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

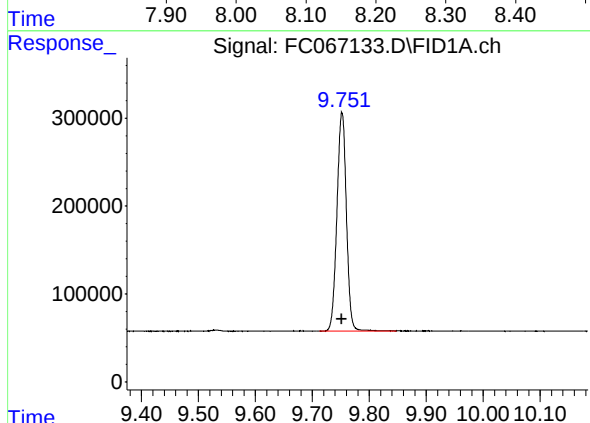
R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 2853238
Conc: 21.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



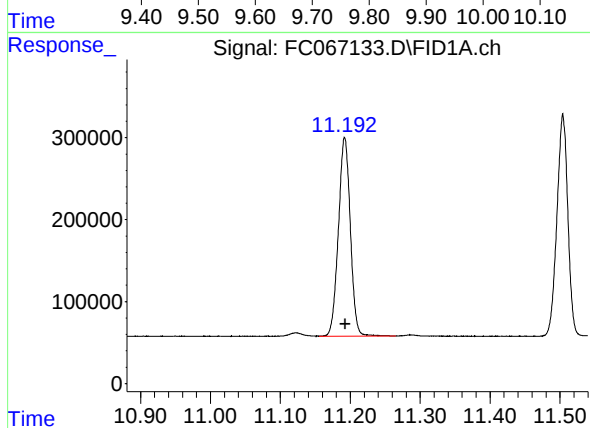
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 2831600
Conc: 21.97 ug/ml



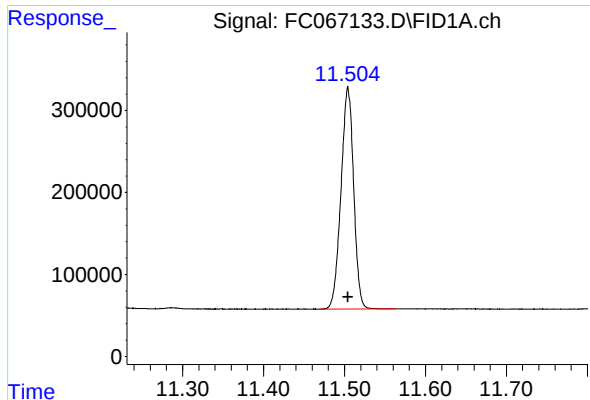
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 2878193
Conc: 22.32 ug/ml



#8 n-Octadecane (C18)

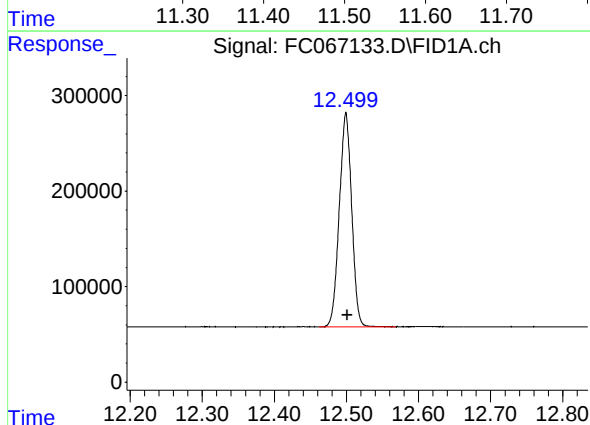
R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 2873135
Conc: 22.46 ug/ml



#9 ortho-Terphenyl (SURR)

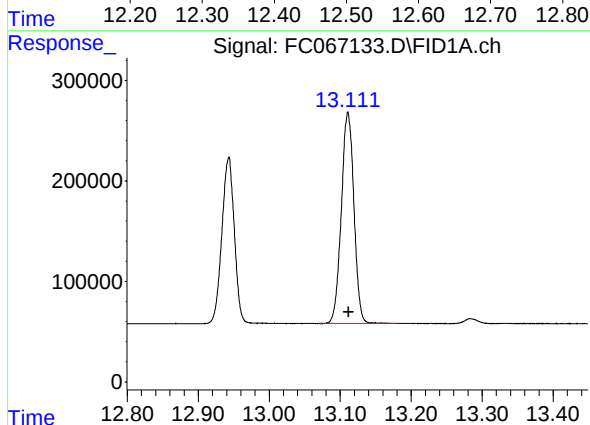
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 2939021
Conc: 21.11 ug/ml

Instrument :
FID_C
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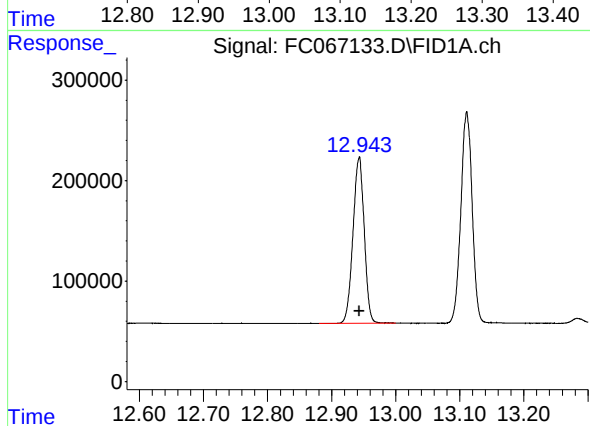
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.002 min
Response: 2679077
Conc: 22.30 ug/ml



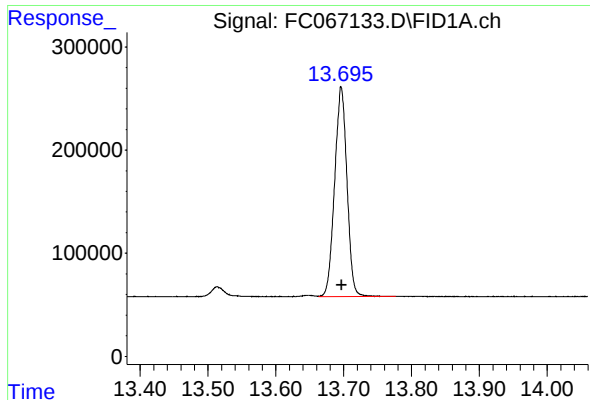
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.000 min
Response: 2592008
Conc: 22.19 ug/ml



#12 1-chlorooctadecane (SURR)

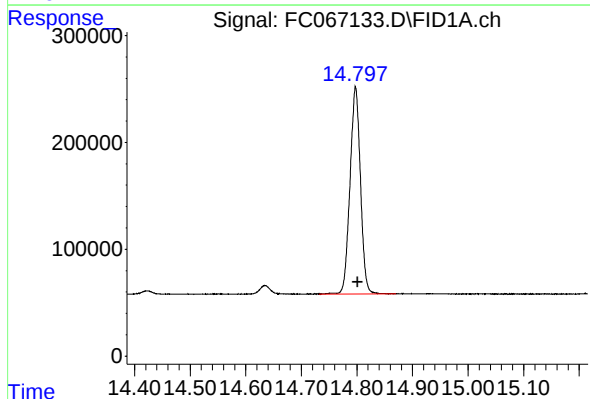
R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 2012132
Conc: 20.60 ug/ml



#13 n-Docosane (C22)

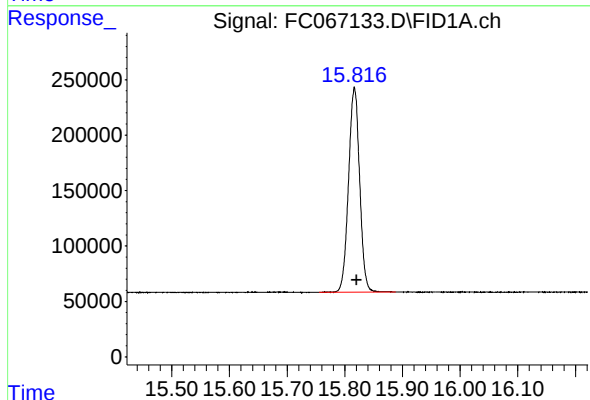
R.T.: 13.696 min
Delta R.T.: 0.000 min
Response: 2565024
Conc: 22.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



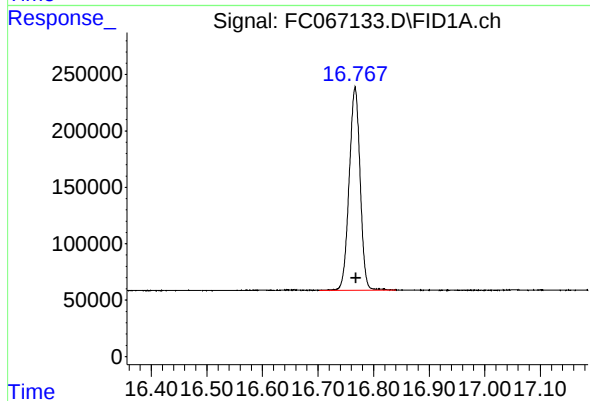
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.003 min
Response: 2529548
Conc: 22.27 ug/ml



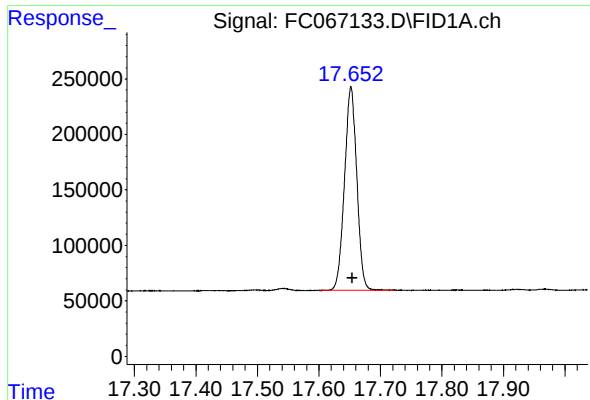
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: -0.004 min
Response: 2471068
Conc: 22.30 ug/ml



#16 n-Octacosane (C28)

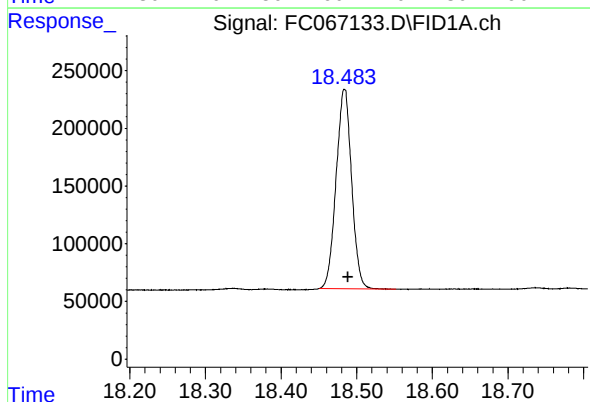
R.T.: 16.767 min
Delta R.T.: -0.001 min
Response: 2463209
Conc: 22.80 ug/ml



#17 n-Tricontane (C30)

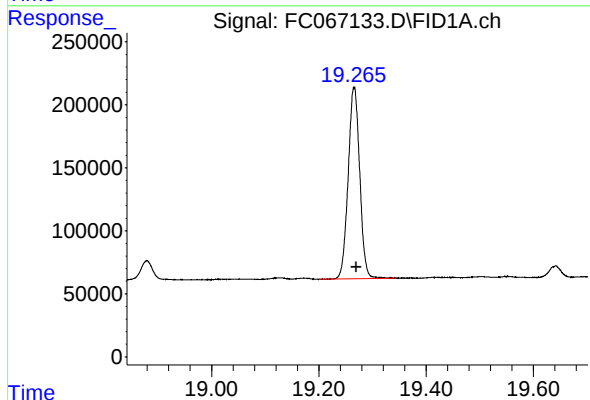
R.T.: 17.652 min
Delta R.T.: -0.002 min
Response: 2542632
Conc: 23.38 ug/ml

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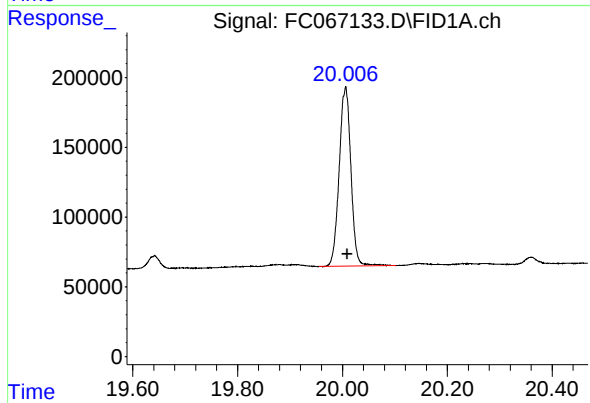
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.005 min
Response: 2460254
Conc: 23.59 ug/ml



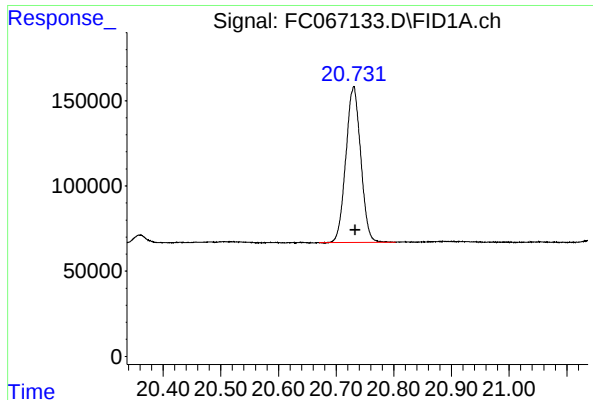
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 2273265
Conc: 24.64 ug/ml



#20 n-Hexatriacontane (C36)

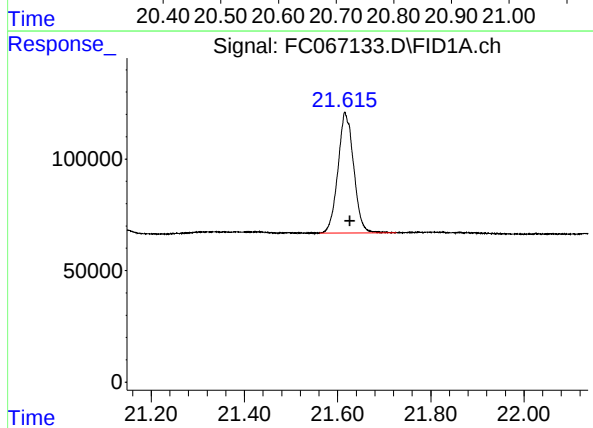
R.T.: 20.006 min
Delta R.T.: -0.003 min
Response: 1995961
Conc: 25.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.003 min
Response: 1639868
Conc: 21.83 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.010 min
Response: 1261310
Conc: 18.05 ug/ml