

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
 Data File : FC067203.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 14:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 21 03:18:42 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)	11.503	2911565	20.910 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
12) S 1-chlorooctadecane (S...	12.942	2102362	21.522 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
Target Compounds			
1) T n-Nonane (C9)	3.277	2763561	20.834 ug/ml
2) T n-Decane (C10)	4.342	2807693	20.905 ug/ml
3) T A~Naphthalene (C11.7)	5.920	2937494	20.668 ug/ml
4) T n-Dodecane (C12)	6.358	2816275	21.040 ug/ml
5) T A~2-methylnaphthalene...	6.976	2779609	20.815 ug/ml
6) T n-Tetradecane (C14)	8.152	2745740	21.305 ug/ml
7) T n-Hexadecane (C16)	9.751	2769630	21.482 ug/ml
8) T n-Octadecane (C18)	11.191	2761852	21.587 ug/ml
10) T n-Eicosane (C20)	12.499	2588045	21.547 ug/ml
11) T n-Heneicosane (C21)	13.111	2514307	21.528 ug/ml
13) T n-Docosane (C22)	13.696	2466926	21.366 ug/ml
14) T n-Tetracosane (C24)	14.798	2424159	21.347 ug/ml
15) T n-Hexacosane (C26)	15.817	2371138	21.395 ug/ml
16) T n-Octacosane (C28)	16.766	2351277	21.767 ug/ml
17) T n-Tricontane (C30)	17.653	2445467	22.482 ug/ml
18) T n-Dotriacontane (C32)	18.485	2373246	22.753 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2075667	22.498 ug/ml
20) T n-Hexatriacontane (C36)	20.006	1754814	22.143 ug/ml
21) T n-Octatriacontane (C38)	20.731	1513025	20.143 ug/ml
22) T n-Tetracontane (C40)	21.618	1309170	18.739 ug/ml

(f)=RT Delta > 1/2 Window

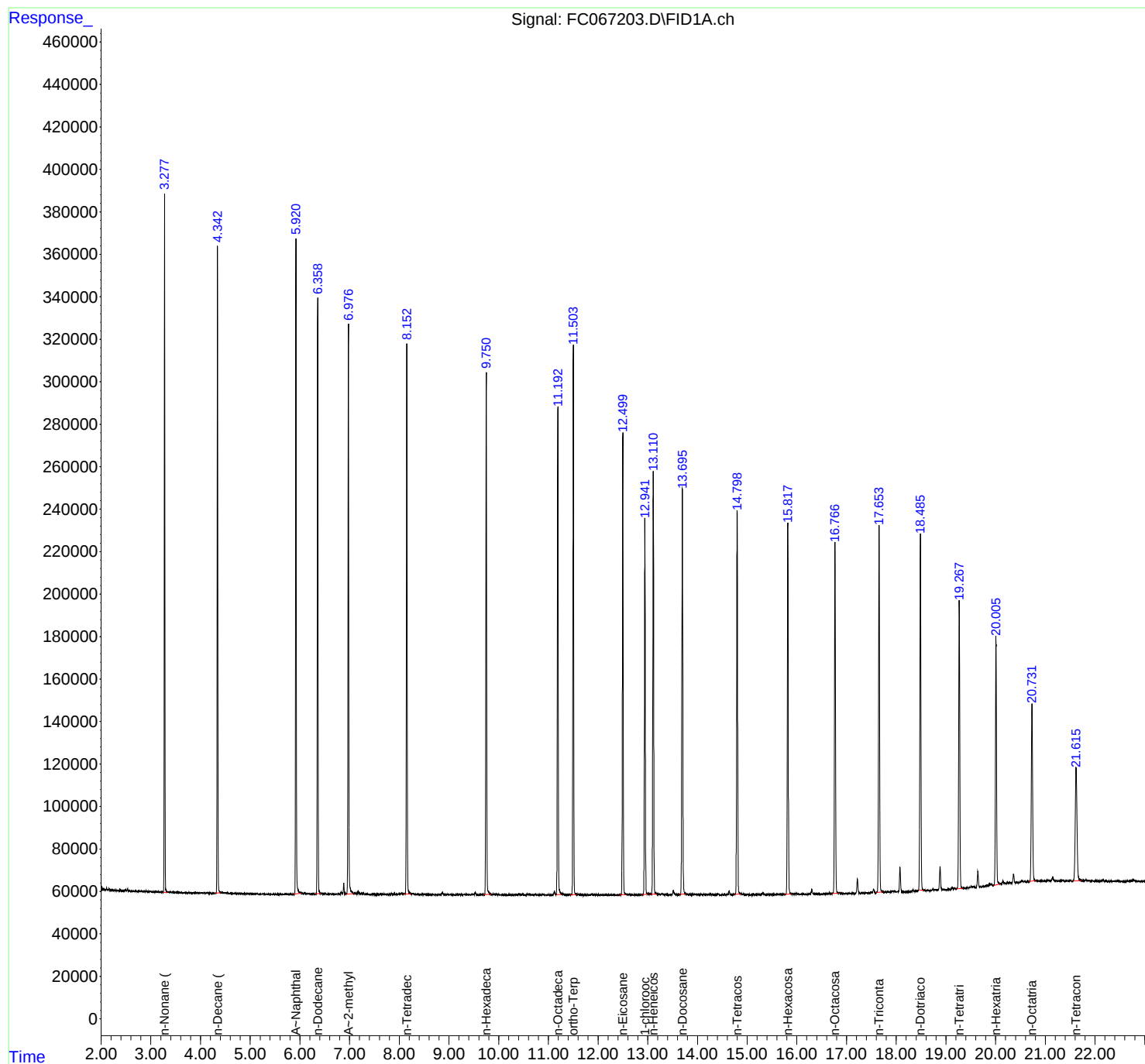
(m)=manual int.

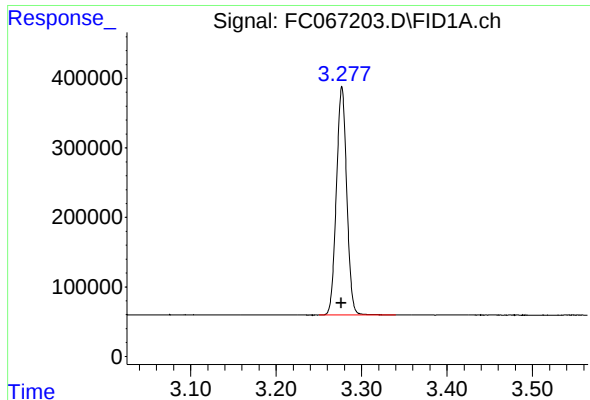
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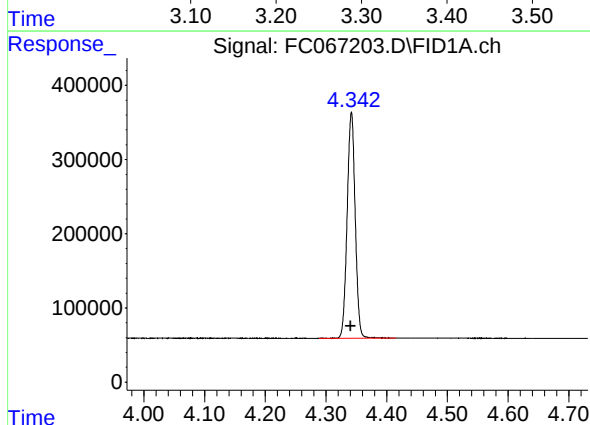




#1 n-Nonane (C9)

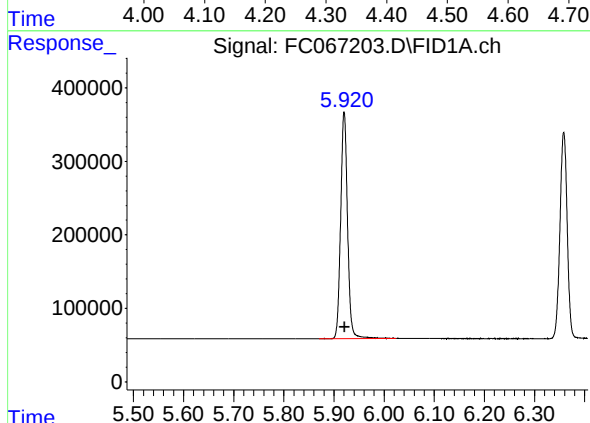
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 2763561
Conc: 20.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



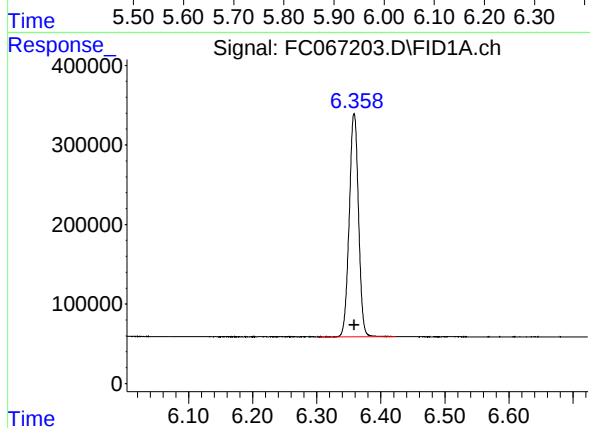
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 2807693
Conc: 20.90 ug/ml



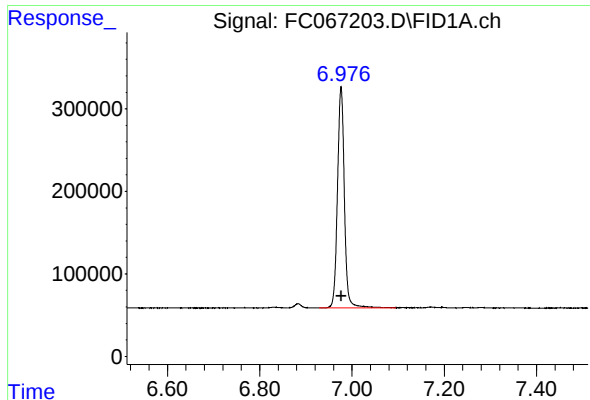
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 2937494
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

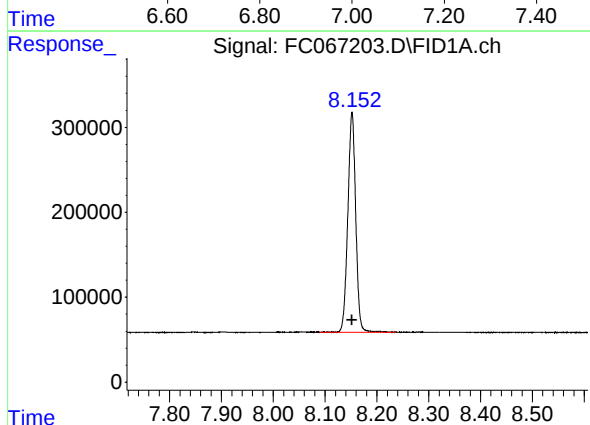
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 2816275
Conc: 21.04 ug/ml



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

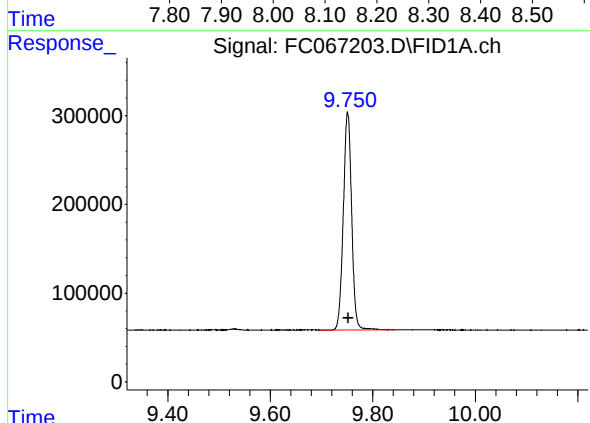
R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 2779609
Conc: 20.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



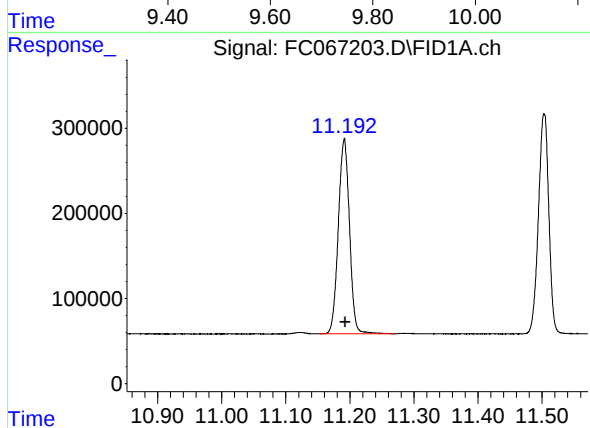
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 2745740
Conc: 21.31 ug/ml



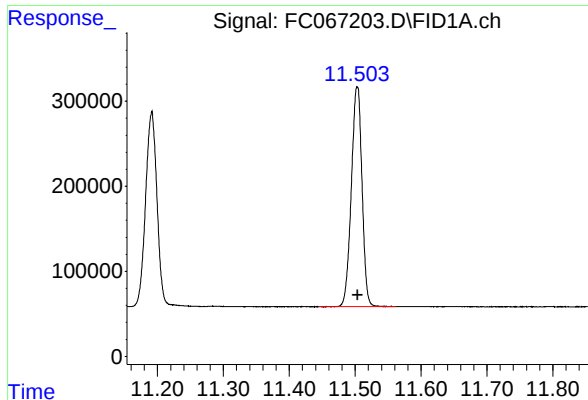
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 2769630
Conc: 21.48 ug/ml



#8 n-Octadecane (C18)

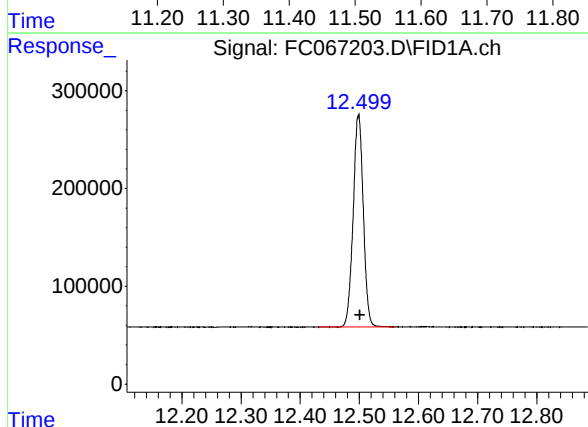
R.T.: 11.191 min
Delta R.T.: -0.002 min
Response: 2761852
Conc: 21.59 ug/ml



#9 ortho-Terphenyl (SURR)

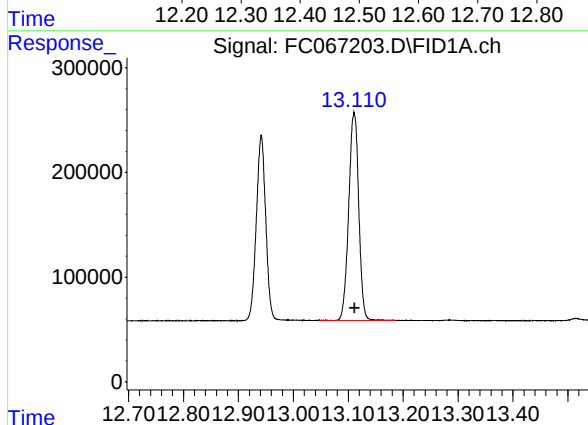
R.T.: 11.503 min
Delta R.T.: 0.000 min
Response: 2911565
Conc: 20.91 ug/ml

Instrument :
FID_C
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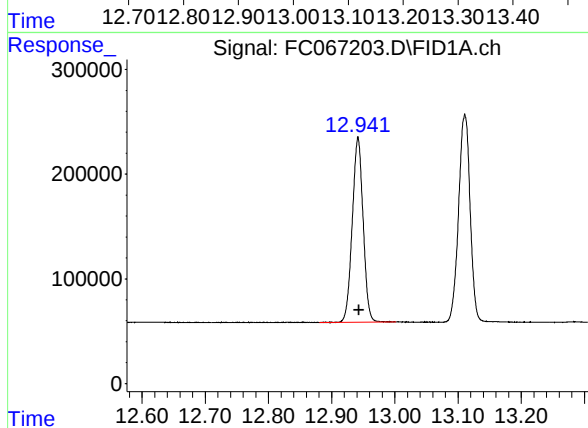
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.002 min
Response: 2588045
Conc: 21.55 ug/ml



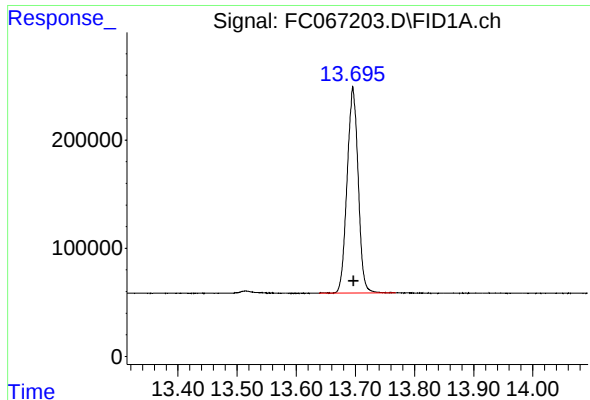
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.000 min
Response: 2514307
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

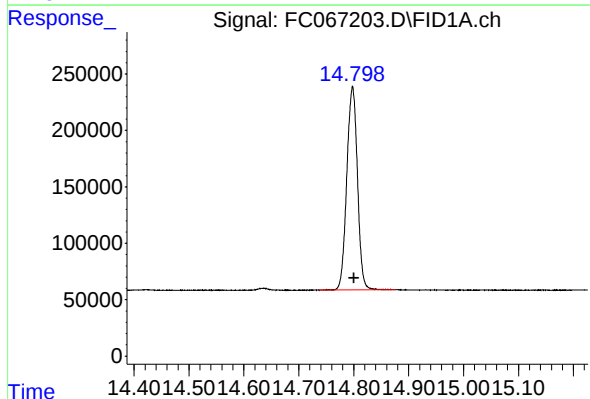
R.T.: 12.942 min
Delta R.T.: -0.002 min
Response: 2102362
Conc: 21.52 ug/ml



#13 n-Docosane (C22)

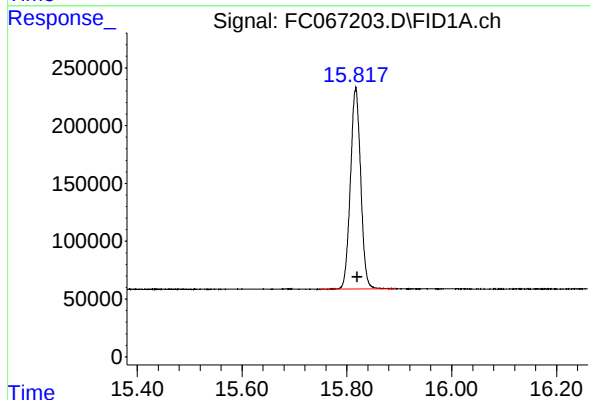
R.T.: 13.696 min
Delta R.T.: -0.001 min
Response: 2466926
Conc: 21.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



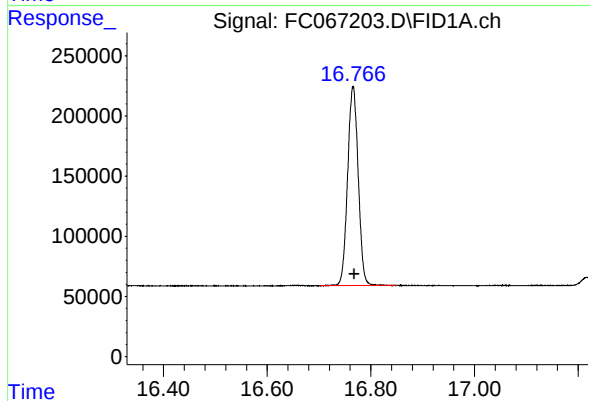
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.003 min
Response: 2424159
Conc: 21.35 ug/ml



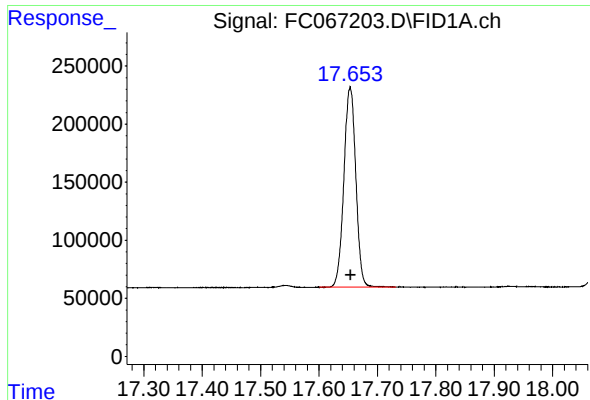
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: -0.003 min
Response: 2371138
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

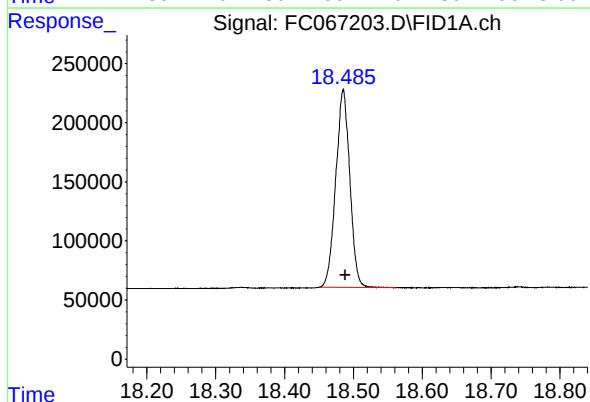
R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 2351277
Conc: 21.77 ug/ml



#17 n-Tricontane (C30)

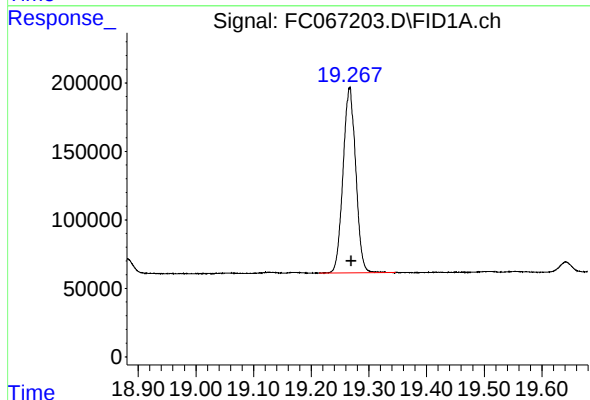
R.T.: 17.653 min
Delta R.T.: 0.000 min
Response: 2445467
Conc: 22.48 ug/ml

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20 PPM ALIPHATIC HC STD



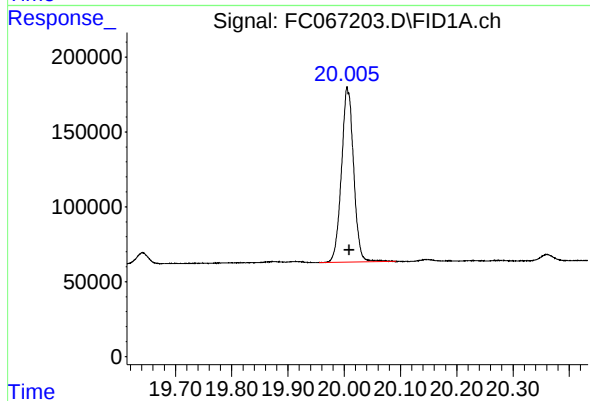
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: -0.003 min
Response: 2373246
Conc: 22.75 ug/ml



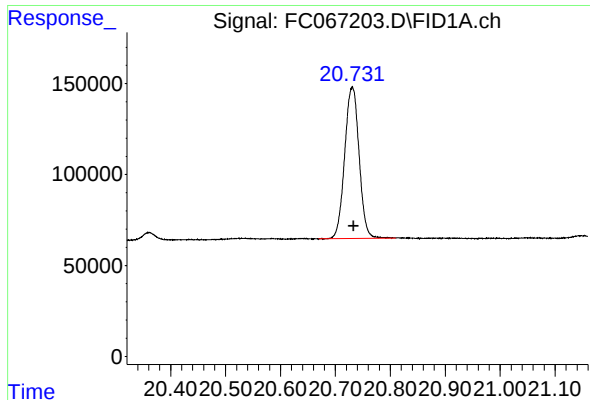
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.003 min
Response: 2075667
Conc: 22.50 ug/ml



#20 n-Hexatriacontane (C36)

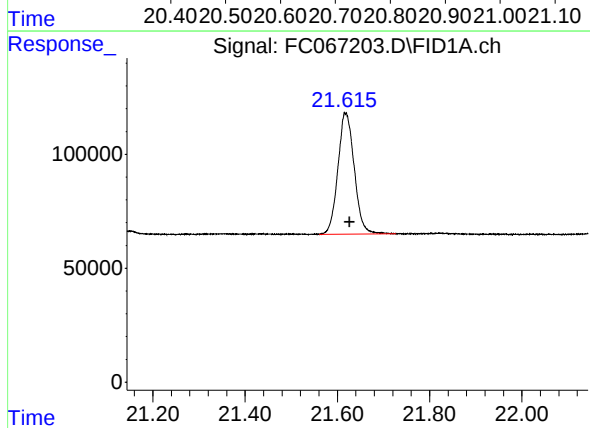
R.T.: 20.006 min
Delta R.T.: -0.003 min
Response: 1754814
Conc: 22.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.003 min
Response: 1513025
Conc: 20.14 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.009 min
Response: 1309170
Conc: 18.74 ug/ml