

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062323AL\
 Data File : FC063957.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2023 09:11
 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: Jun 23 13:14:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.527	3540250	19.400 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	12.962	2537754	19.861 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	3.304	3311586	20.778 ug/ml
2) T n-Decane (C10)	4.369	3346476	20.702 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3467412	19.959 ug/ml
4) T n-Dodecane (C12)	6.384	3307341	20.227 ug/ml
5) T A~2-methylnaphthalene...	7.007	3270829	19.966 ug/ml
6) T n-Tetradecane (C14)	8.177	3171820	20.168 ug/ml
7) T n-Hexadecane (C16)	9.774	3175024	19.951 ug/ml
8) T n-Octadecane (C18)	11.214	3132365	19.797 ug/ml
10) T n-Eicosane (C20)	12.520	2950180	19.948 ug/ml
11) T n-Heneicosane (C21)	13.129	2873658	19.964 ug/ml
13) T n-Docosane (C22)	13.713	2833008	20.110 ug/ml
14) T n-Tetracosane (C24)	14.813	2786636	20.308 ug/ml
15) T n-Hexacosane (C26)	15.832	2731760	20.603 ug/ml
16) T n-Octacosane (C28)	16.778	2676562	21.079 ug/ml
17) T n-Tricontane (C30)	17.663	2722198	21.307 ug/ml
18) T n-Dotriacontane (C32)	18.493	2708487	21.767 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2701009	21.906 ug/ml
20) T n-Hexatriacontane (C36)	20.011	2640326	21.999 ug/ml
21) T n-Octatriacontane (C38)	20.735	2681149	22.207 ug/ml
22) T n-Tetracontane (C40)	21.627	2690784	22.207 ug/ml

(f)=RT Delta > 1/2 Window

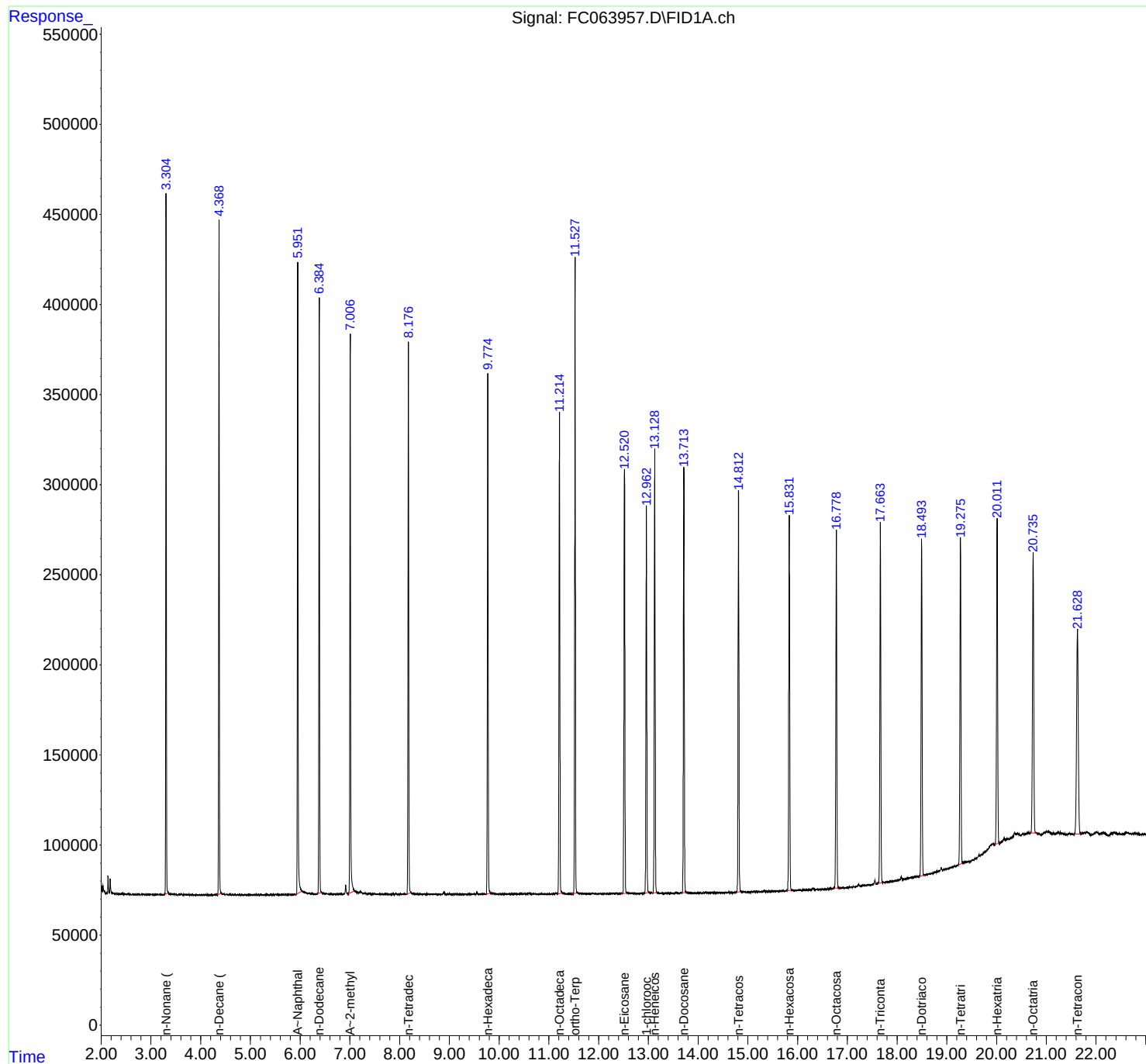
(m)=manual int.

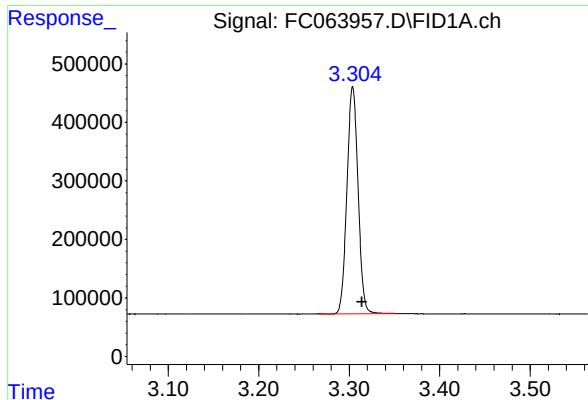
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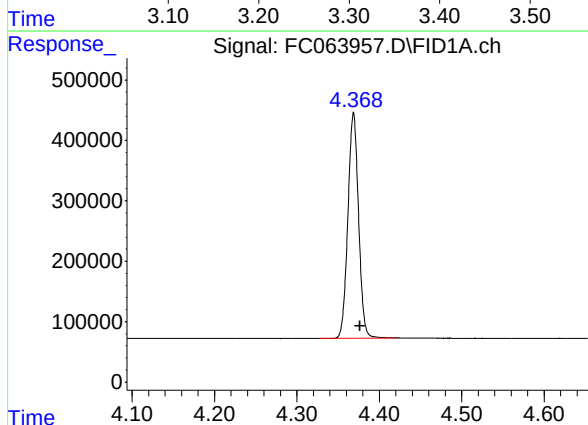




#1 n-Nonane (C9)

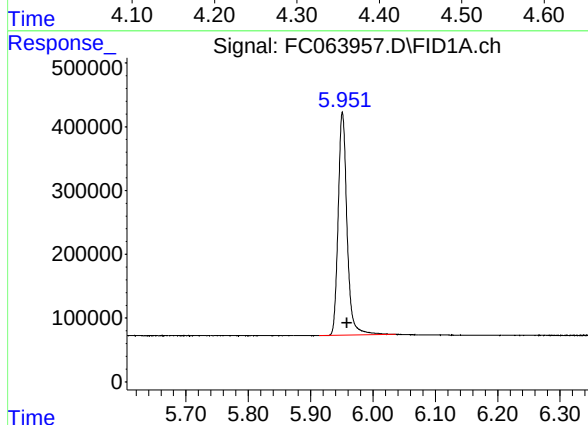
R.T.: 3.304 min
Delta R.T.: -0.010 min
Response: 3311586
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



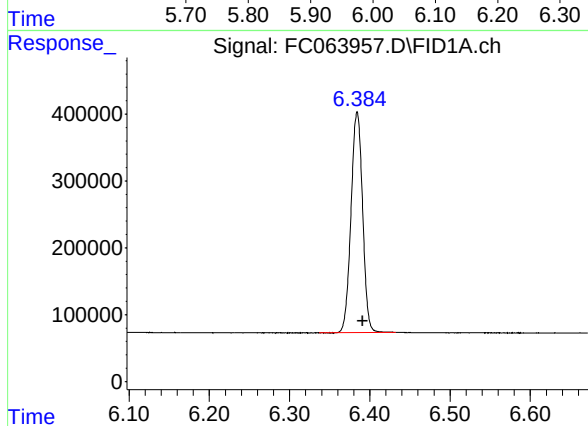
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.008 min
Response: 3346476
Conc: 20.70 ug/ml



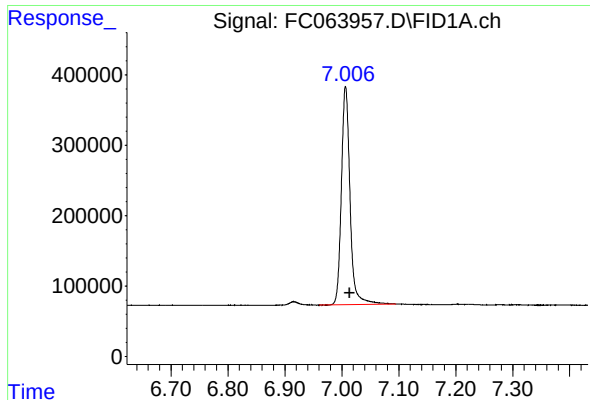
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 3467412
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

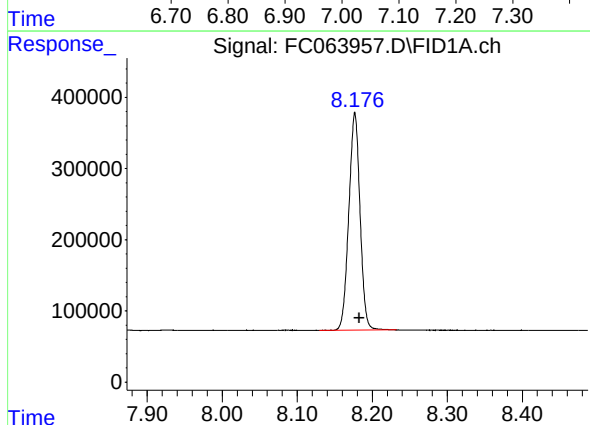
R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 3307341
Conc: 20.23 ug/ml



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

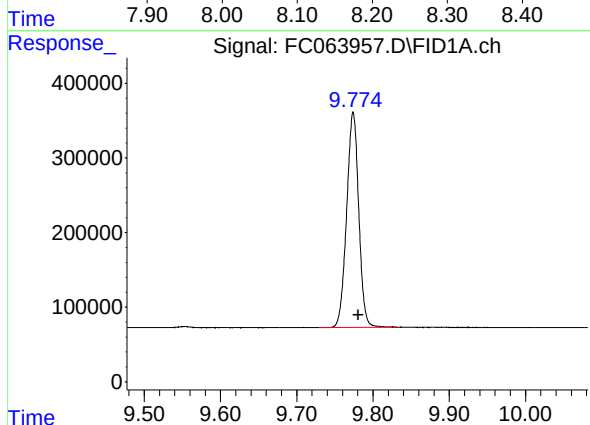
R.T.: 7.007 min
Delta R.T.: -0.008 min
Response: 3270829
Conc: 19.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



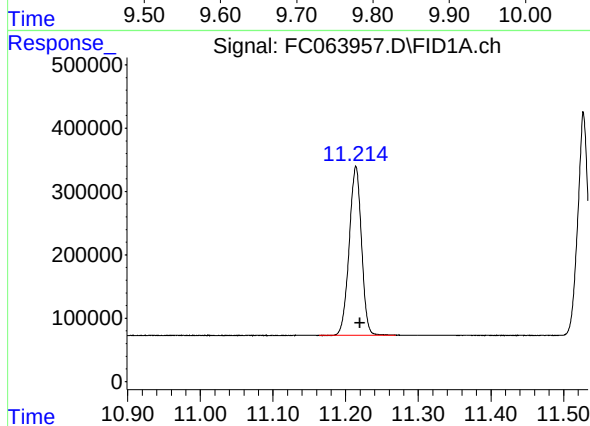
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.006 min
Response: 3171820
Conc: 20.17 ug/ml



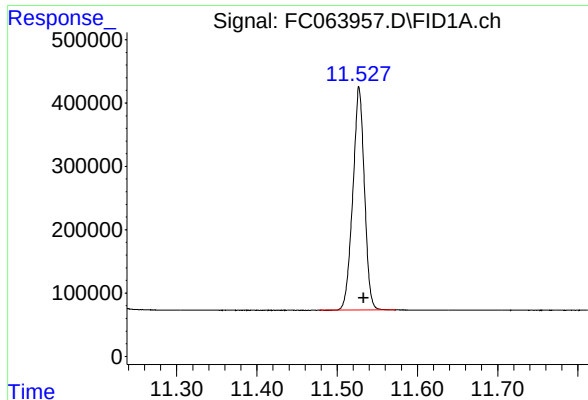
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.007 min
Response: 3175024
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

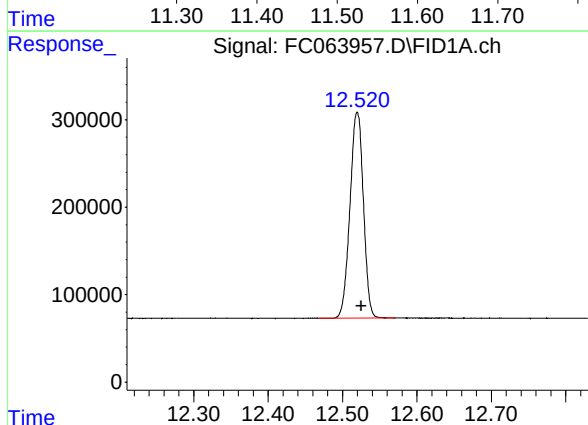
R.T.: 11.214 min
Delta R.T.: -0.006 min
Response: 3132365
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

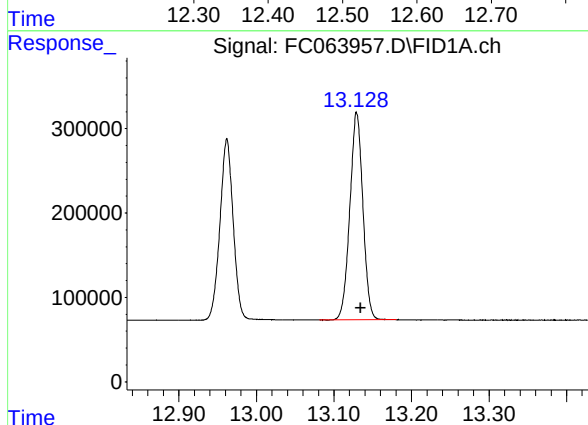
R.T.: 11.527 min
Delta R.T.: -0.005 min
Response: 3540250
Conc: 19.40 ug/ml

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FID_C
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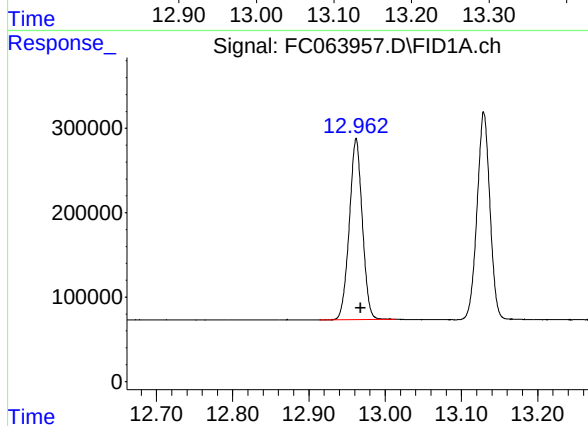
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.005 min
Response: 2950180
Conc: 19.95 ug/ml



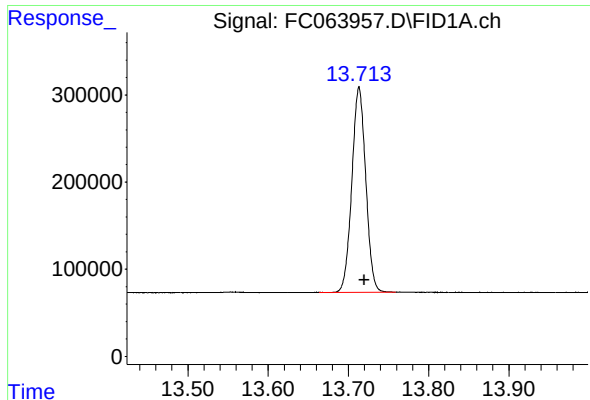
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: -0.005 min
Response: 2873658
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

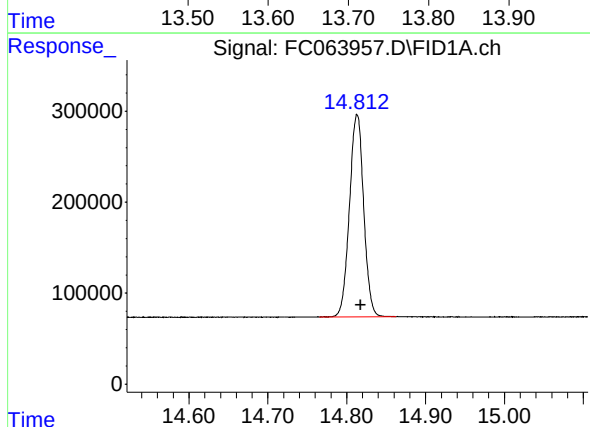
R.T.: 12.962 min
Delta R.T.: -0.006 min
Response: 2537754
Conc: 19.86 ug/ml



#13 n-Docosane (C22)

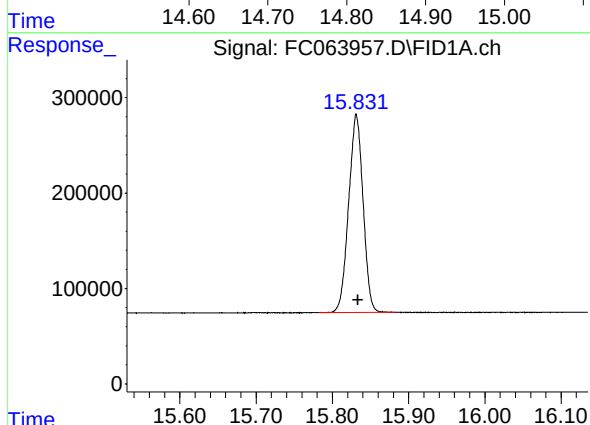
R.T.: 13.713 min
Delta R.T.: -0.006 min
Response: 2833008
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



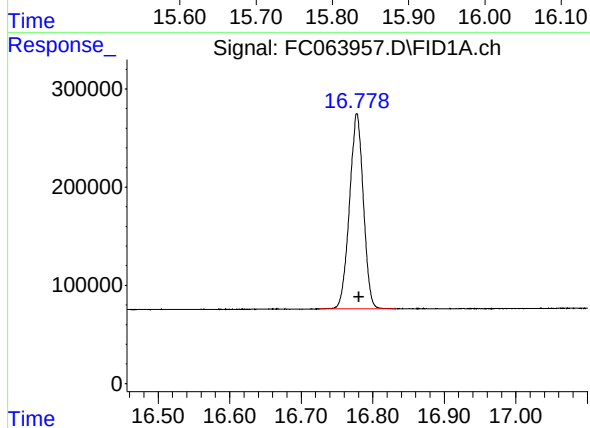
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.004 min
Response: 2786636
Conc: 20.31 ug/ml



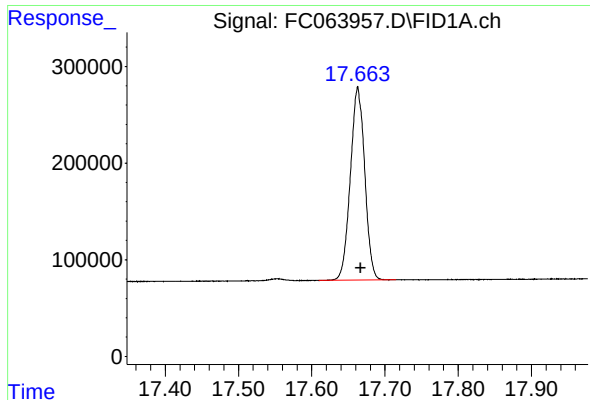
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.003 min
Response: 2731760
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

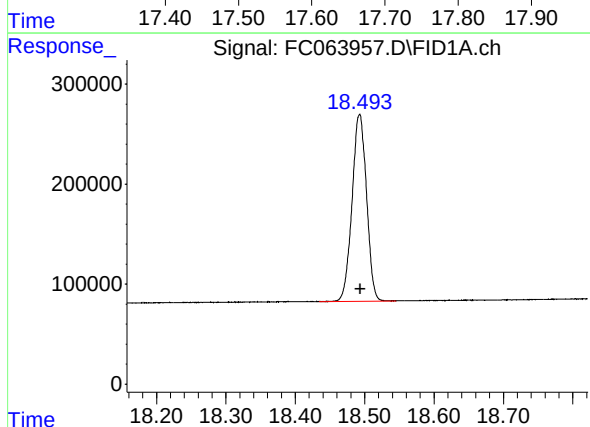
R.T.: 16.778 min
Delta R.T.: -0.003 min
Response: 2676562
Conc: 21.08 ug/ml



#17 n-Tricontane (C30)

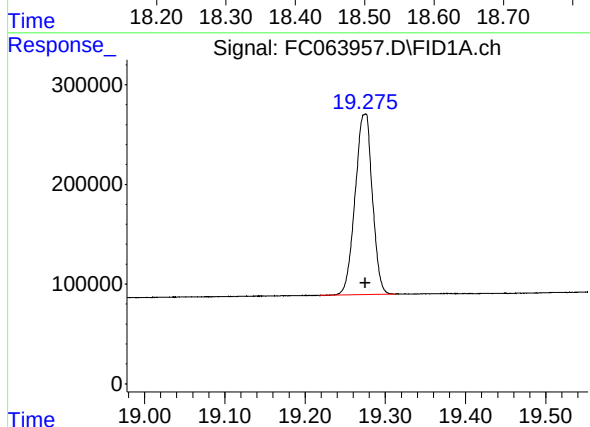
R.T.: 17.663 min
Delta R.T.: -0.004 min
Response: 2722198
Conc: 21.31 ug/ml

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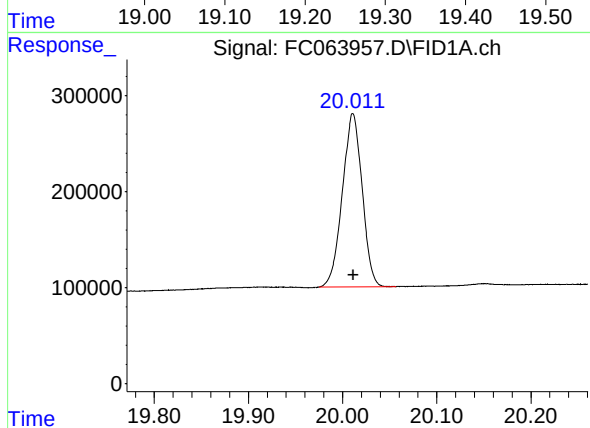
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: -0.001 min
Response: 2708487
Conc: 21.77 ug/ml



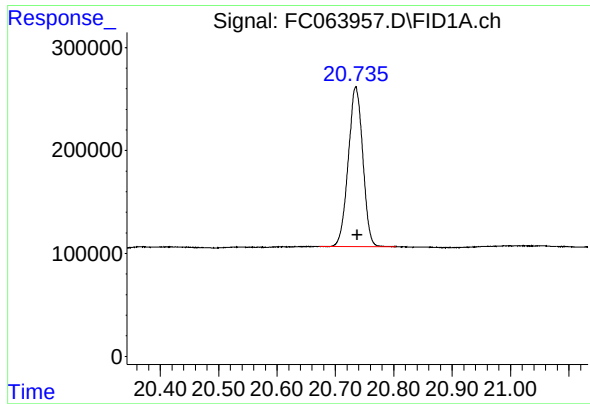
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 2701009
Conc: 21.91 ug/ml



#20 n-Hexatriacontane (C36)

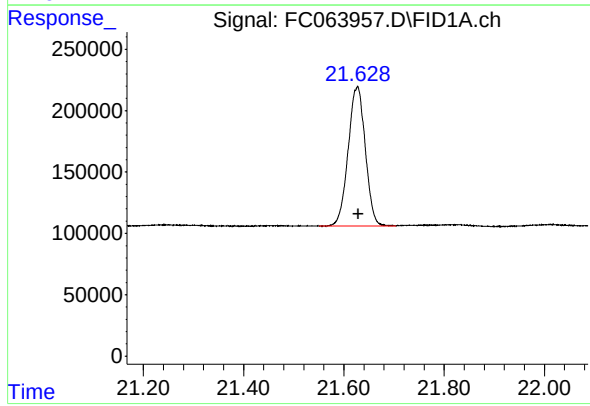
R.T.: 20.011 min
Delta R.T.: 0.000 min
Response: 2640326
Conc: 22.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.003 min
Response: 2681149
Conc: 22.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: -0.002 min
Response: 2690784
Conc: 22.21 ug/ml