

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030223AL\
 Data File : FC063070.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2023 01:28
 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: Mar 03 03:47:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.534	2349691	18.102 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
12) S 1-chlorooctadecane (S...	12.972	1783736	18.286 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T n-Nonane (C9)	3.295	2120613	17.887 ug/ml
2) T n-Decane (C10)	4.362	2093247	18.153 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2320662	18.146 ug/ml
4) T n-Dodecane (C12)	6.382	2099039	18.178 ug/ml
5) T A~2-methylnaphthalene...	7.003	2152740	18.289 ug/ml
6) T n-Tetradecane (C14)	8.177	2058631	18.215 ug/ml
7) T n-Hexadecane (C16)	9.778	2101871	18.271 ug/ml
8) T n-Octadecane (C18)	11.220	2145571	18.421 ug/ml
10) T n-Eicosane (C20)	12.529	2100894	18.438 ug/ml
11) T n-Heneicosane (C21)	13.139	2090319	18.342 ug/ml
13) T n-Docosane (C22)	13.725	2122242	18.817 ug/ml
14) T n-Tetracosane (C24)	14.827	2228736	19.888 ug/ml
15) T n-Hexacosane (C26)	15.847	2267830	20.507 ug/ml
16) T n-Octacosane (C28)	16.795	2371903	21.557 ug/ml
17) T n-Tricontane (C30)	17.681	2528011	22.956 ug/ml
18) T n-Dotriacontane (C32)	18.511	2570489	23.032 ug/ml
19) T n-Tetratriacontane (C34)	19.294	2366744	21.176 ug/ml
20) T n-Hexatriacontane (C36)	20.031	2179468	20.077 ug/ml
21) T n-Octatriacontane (C38)	20.762	2100972	19.334 ug/ml
22) T n-Tetracontane (C40)	21.659	2067908	19.008 ug/ml

(f)=RT Delta > 1/2 Window

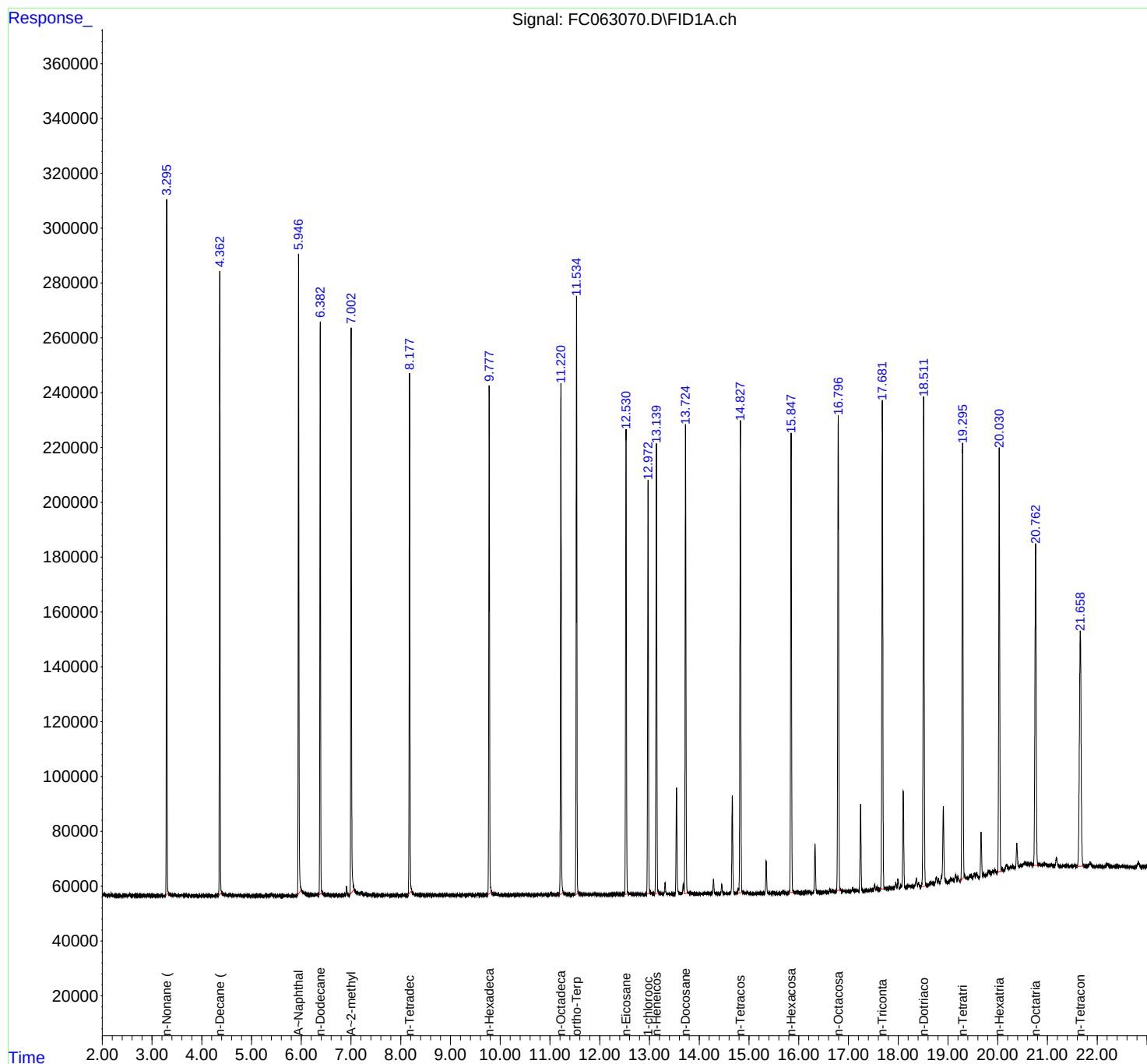
(m)=manual int.

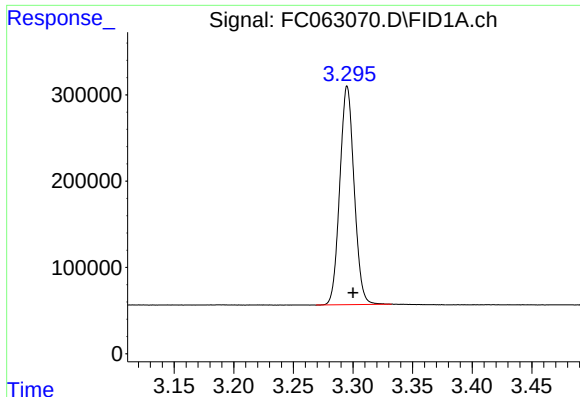
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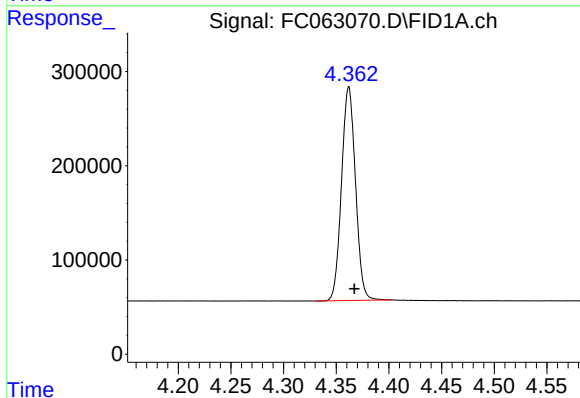




#1 n-Nonane (C9)

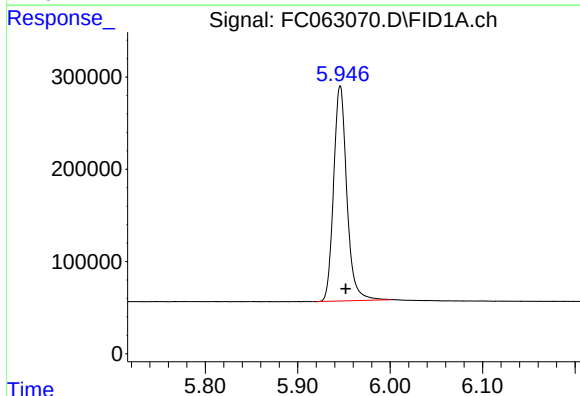
R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2120613
Conc: 17.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



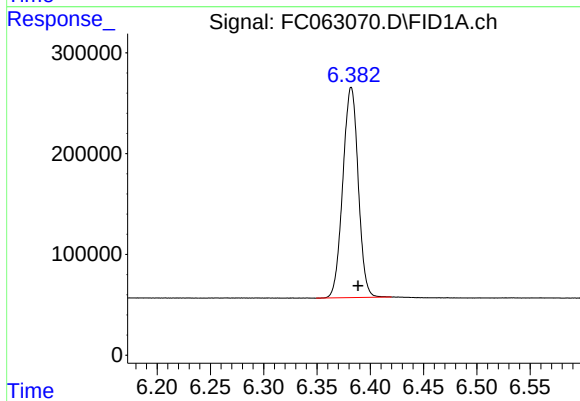
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2093247
Conc: 18.15 ug/ml



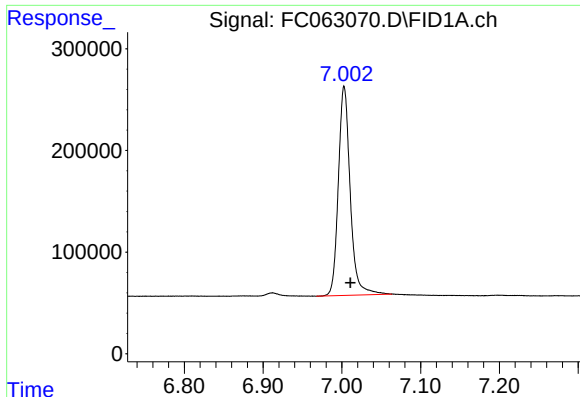
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 2320662
Conc: 18.15 ug/ml



#4 n-Dodecane (C12)

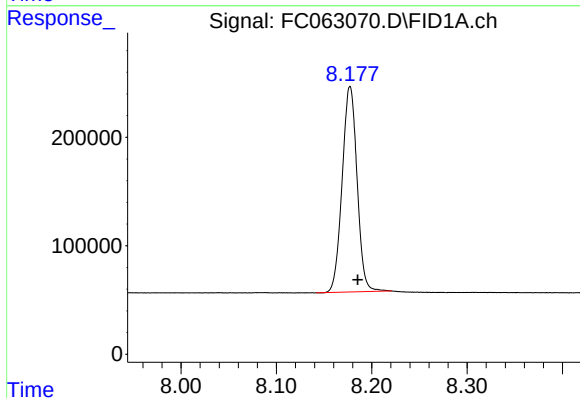
R.T.: 6.382 min
Delta R.T.: -0.006 min
Response: 2099039
Conc: 18.18 ug/ml



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

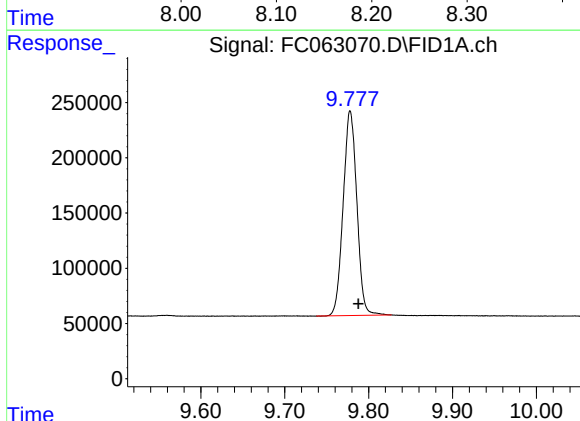
R.T.: 7.003 min
Delta R.T.: -0.008 min
Response: 2152740
Conc: 18.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



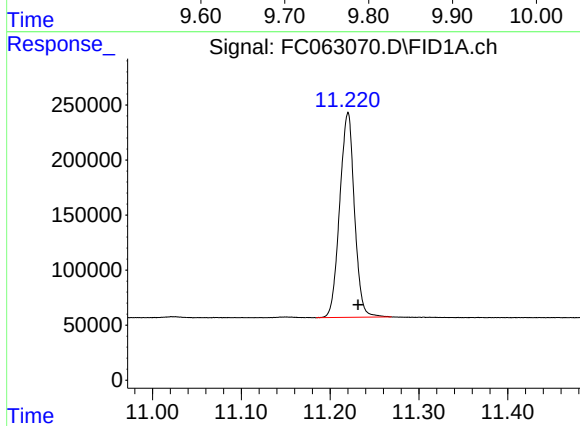
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 2058631
Conc: 18.22 ug/ml



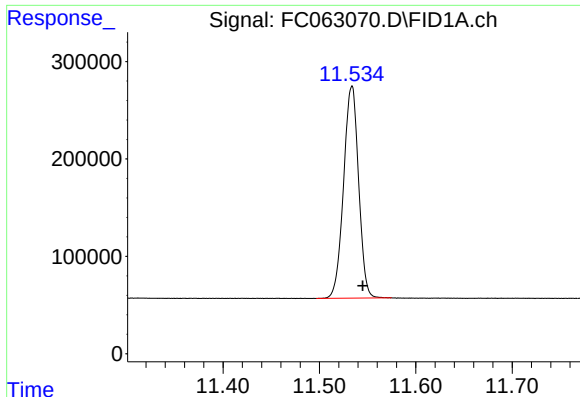
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.010 min
Response: 2101871
Conc: 18.27 ug/ml



#8 n-Octadecane (C18)

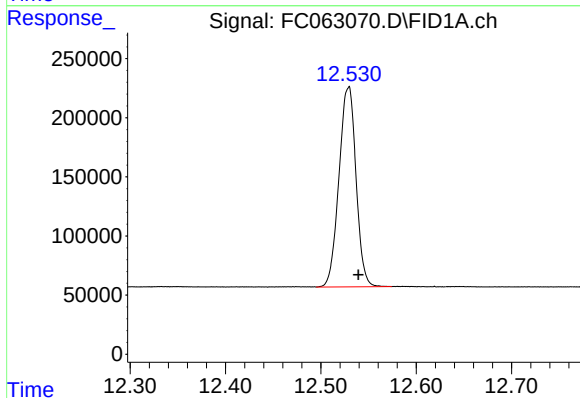
R.T.: 11.220 min
Delta R.T.: -0.011 min
Response: 2145571
Conc: 18.42 ug/ml



#9 ortho-Terphenyl (SURR)

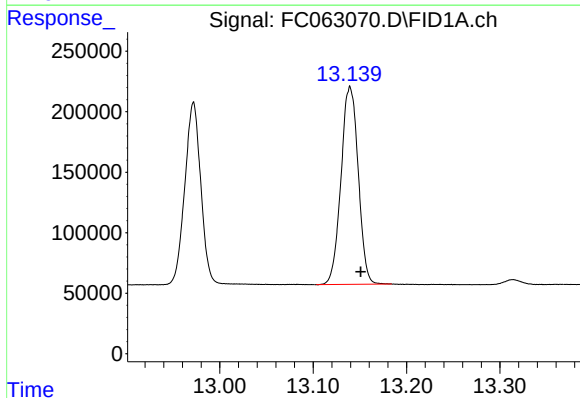
R.T.: 11.534 min
Delta R.T.: -0.011 min
Response: 2349691
Conc: 18.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



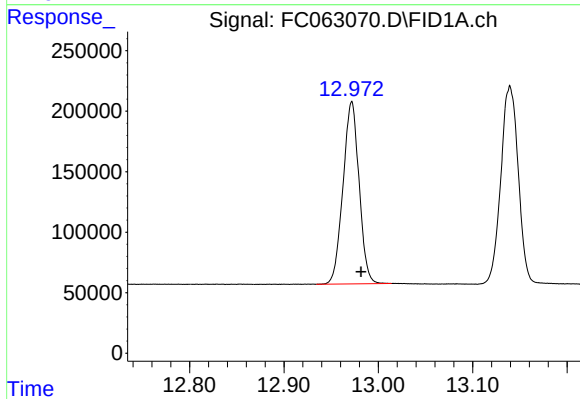
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.010 min
Response: 2100894
Conc: 18.44 ug/ml



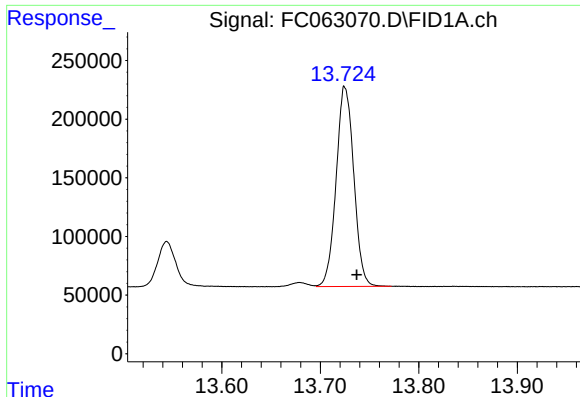
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.012 min
Response: 2090319
Conc: 18.34 ug/ml



#12 1-chlorooctadecane (SURR)

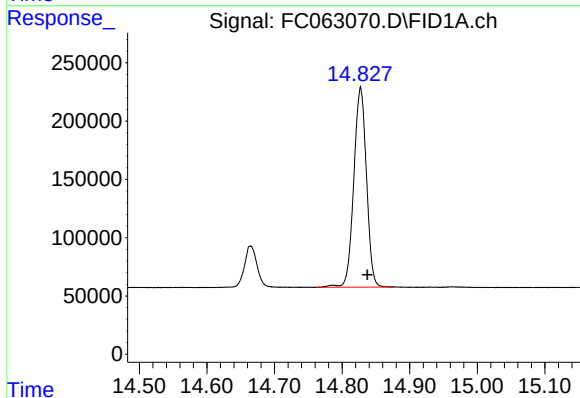
R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 1783736
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

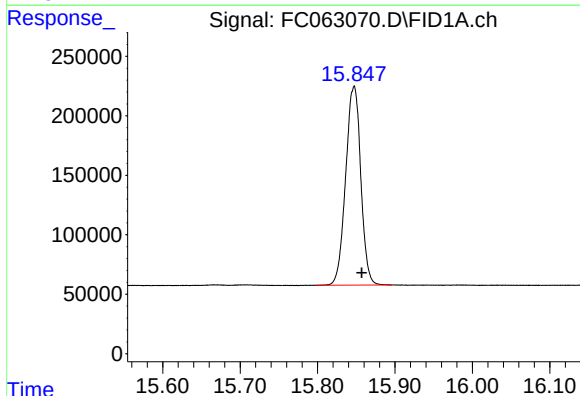
R.T.: 13.725 min
Delta R.T.: -0.012 min
Response: 2122242
Conc: 18.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



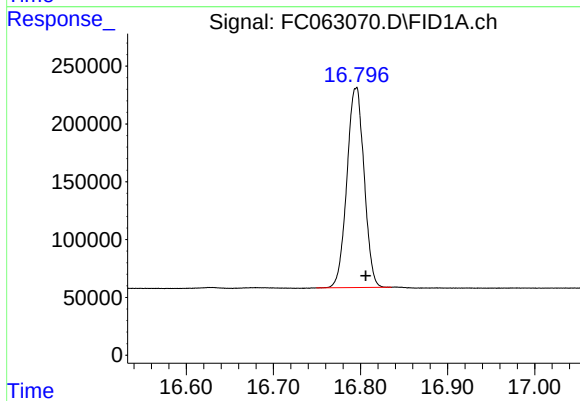
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.010 min
Response: 2228736
Conc: 19.89 ug/ml



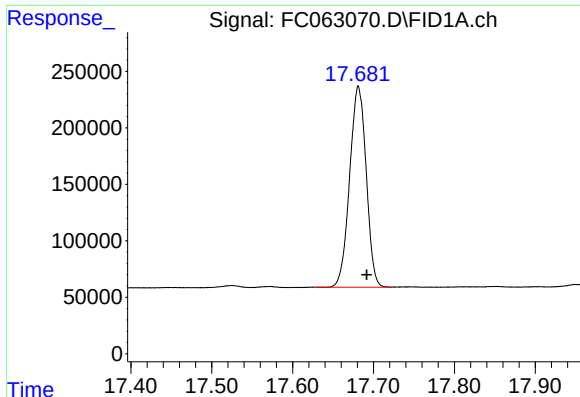
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.010 min
Response: 2267830
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

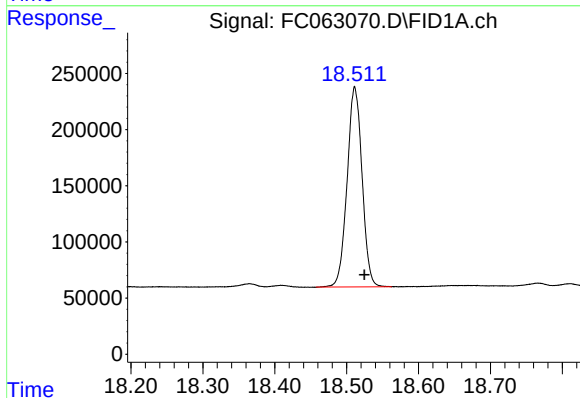
R.T.: 16.795 min
Delta R.T.: -0.011 min
Response: 2371903
Conc: 21.56 ug/ml



#17 n-Tricontane (C30)

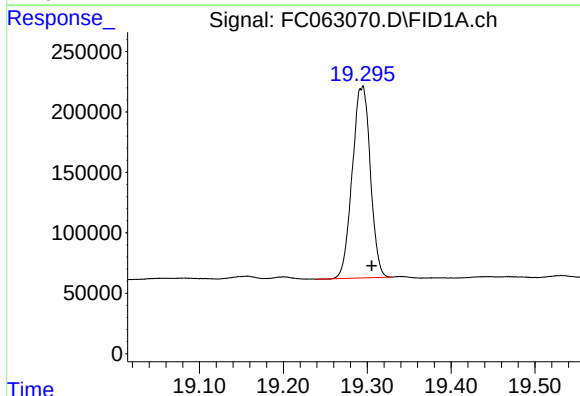
R.T.: 17.681 min
Delta R.T.: -0.011 min
Response: 2528011
Conc: 22.96 ug/ml

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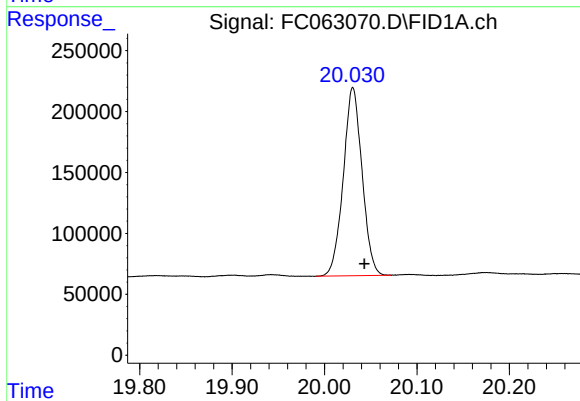
#18 n-Dotriacontane (C32)

R.T.: 18.511 min
Delta R.T.: -0.014 min
Response: 2570489
Conc: 23.03 ug/ml



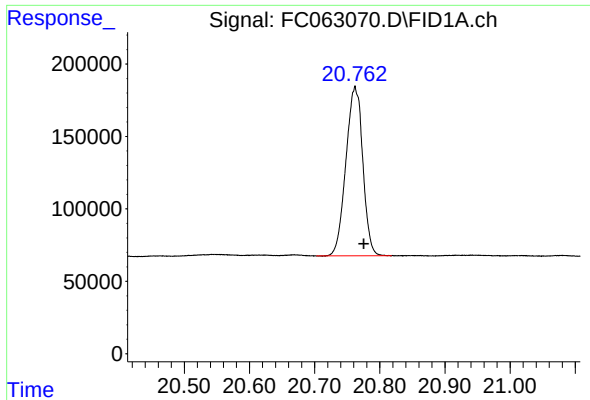
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min
Delta R.T.: -0.011 min
Response: 2366744
Conc: 21.18 ug/ml



#20 n-Hexatriacontane (C36)

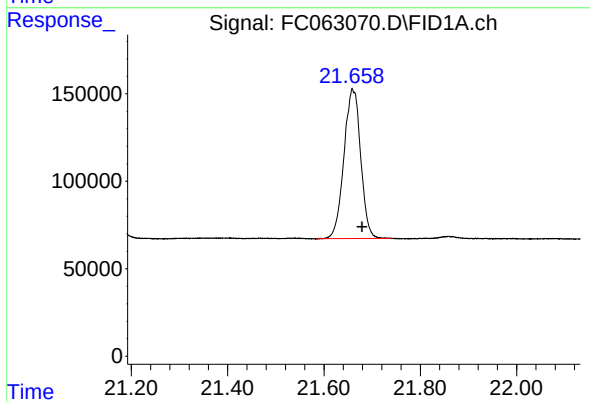
R.T.: 20.031 min
Delta R.T.: -0.012 min
Response: 2179468
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.013 min
Response: 2100972
Conc: 19.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.659 min
Delta R.T.: -0.020 min
Response: 2067908
Conc: 19.01 ug/ml