

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031323AL\
 Data File : FC063168.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2023 19:32
 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 14 03:35:42 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	2455030	18.914 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
12) S 1-chlorooctadecane (S...	12.972	1837290	18.835 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
Target Compounds			
1) T n-Nonane (C9)	3.296	2247298	18.955 ug/ml
2) T n-Decane (C10)	4.363	2215913	19.217 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2433012	19.024 ug/ml
4) T n-Dodecane (C12)	6.384	2202657	19.075 ug/ml
5) T A~2-methylnaphthalene...	7.005	2241387	19.043 ug/ml
6) T n-Tetradecane (C14)	8.179	2162556	19.135 ug/ml
7) T n-Hexadecane (C16)	9.780	2201625	19.138 ug/ml
8) T n-Octadecane (C18)	11.221	2223846	19.093 ug/ml
10) T n-Eicosane (C20)	12.530	2175202	19.090 ug/ml
11) T n-Heneicosane (C21)	13.141	2182754	19.153 ug/ml
13) T n-Docosane (C22)	13.727	2158234	19.136 ug/ml
14) T n-Tetracosane (C24)	14.828	2173739	19.397 ug/ml
15) T n-Hexacosane (C26)	15.848	2172239	19.642 ug/ml
16) T n-Octacosane (C28)	16.796	2200649	20.000 ug/ml
17) T n-Tricontane (C30)	17.681	2277542	20.682 ug/ml
18) T n-Dotriacontane (C32)	18.513	2344817	21.010 ug/ml
19) T n-Tetratriacontane (C34)	19.293	2293129	20.517 ug/ml
20) T n-Hexatriacontane (C36)	20.031	2171376	20.003 ug/ml
21) T n-Octatriacontane (C38)	20.760	2140169	19.695 ug/ml
22) T n-Tetracontane (C40)	21.658	2112909	19.422 ug/ml

(f)=RT Delta > 1/2 Window

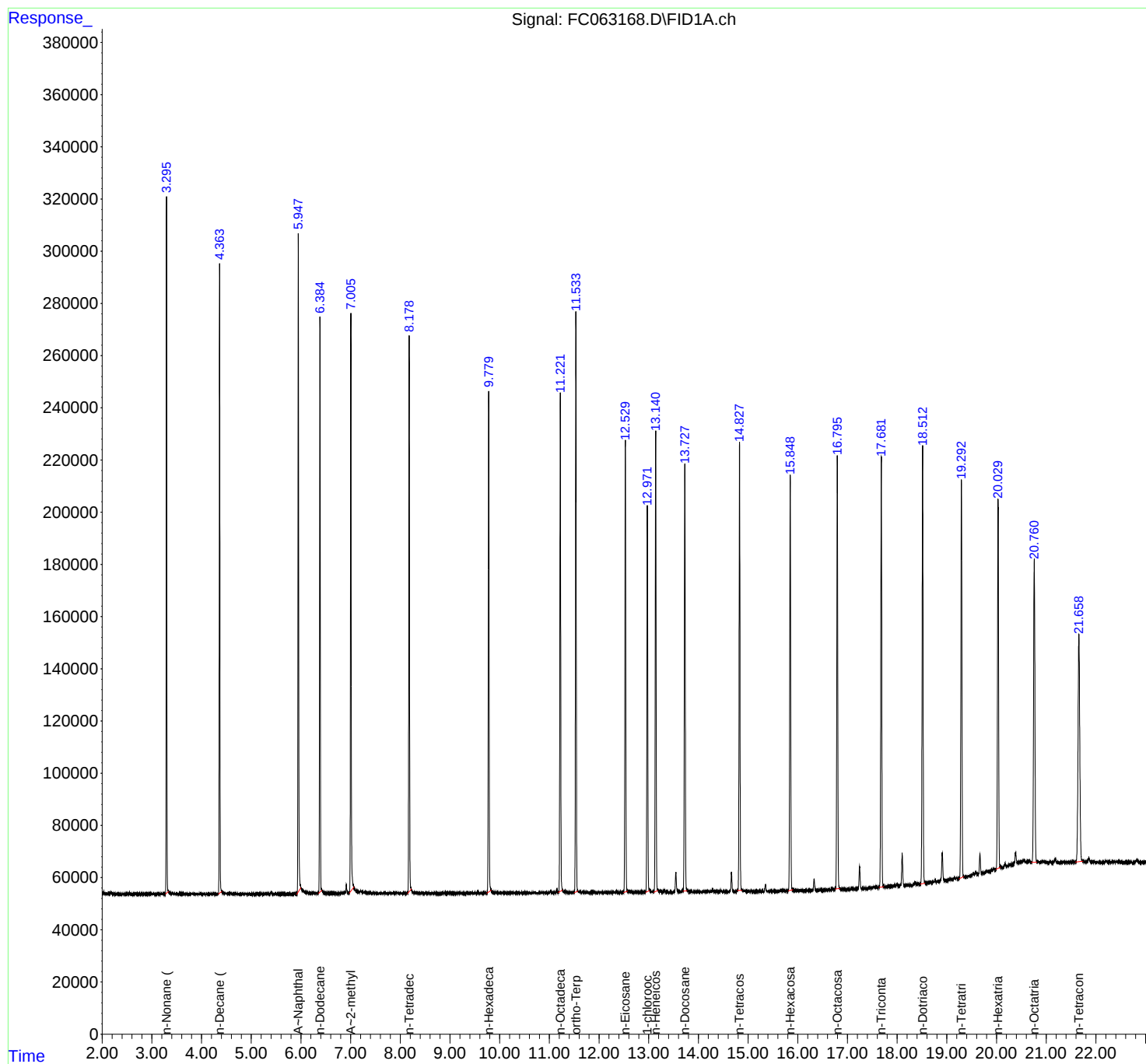
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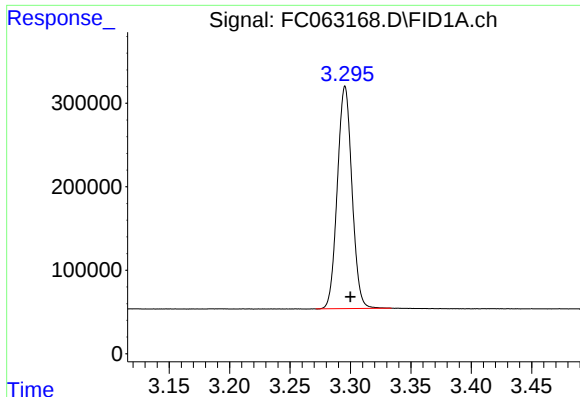
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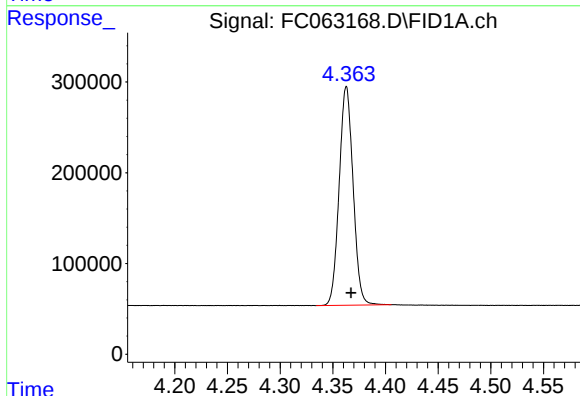




#1 n-Nonane (C9)

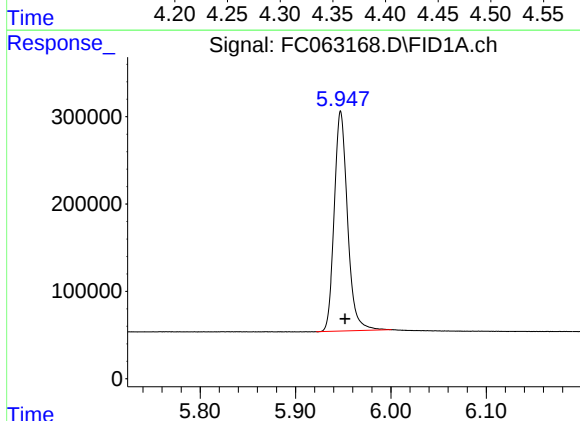
R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 2247298
Conc: 18.96 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



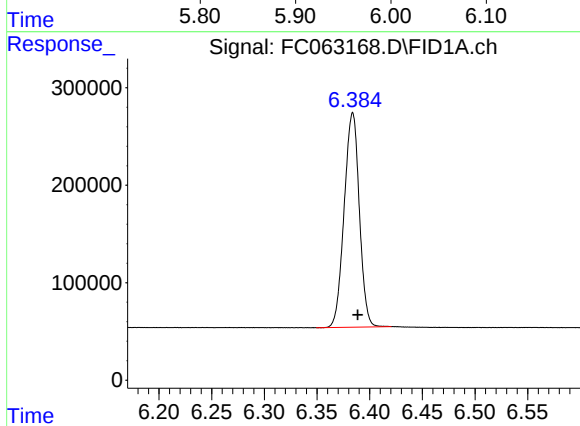
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 2215913
Conc: 19.22 ug/ml



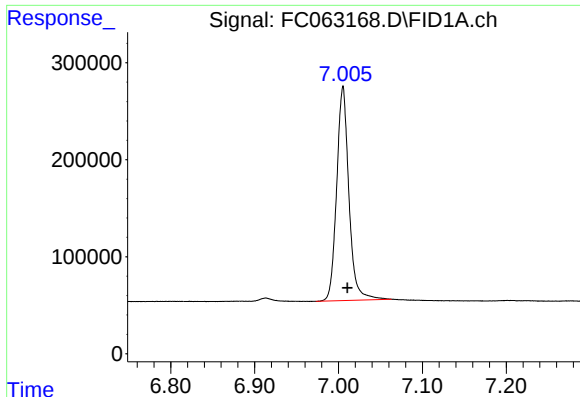
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2433012
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

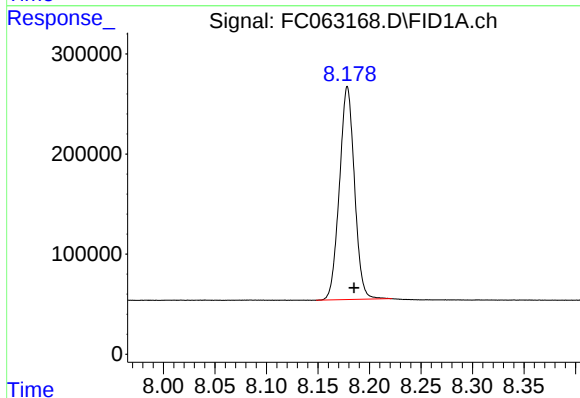
R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 2202657
Conc: 19.07 ug/ml



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

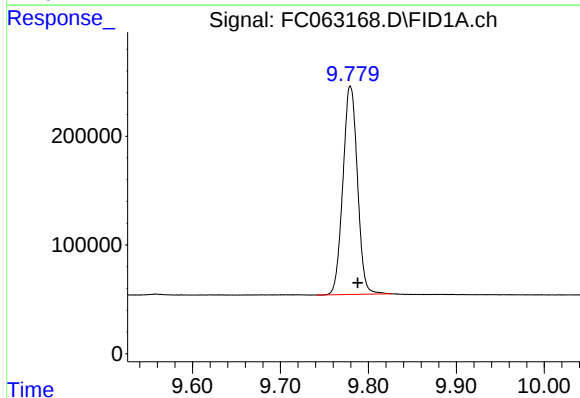
R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 2241387
Conc: 19.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



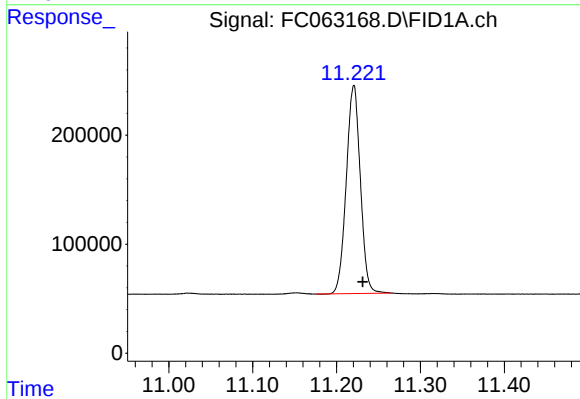
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.007 min
Response: 2162556
Conc: 19.13 ug/ml



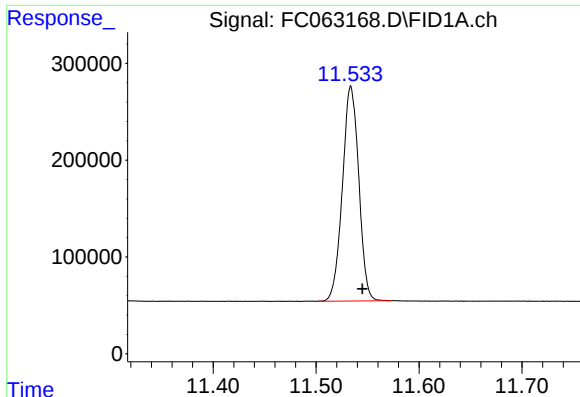
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.008 min
Response: 2201625
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

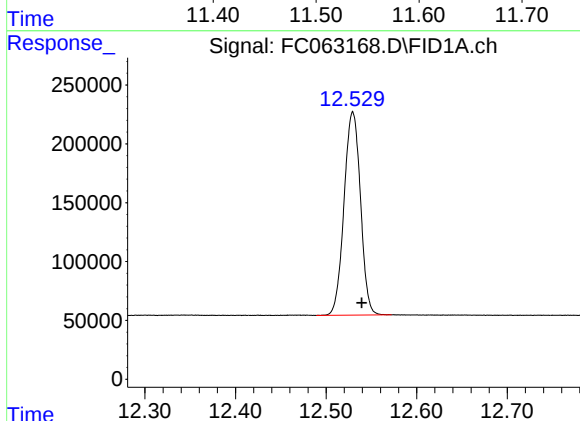
R.T.: 11.221 min
Delta R.T.: -0.011 min
Response: 2223846
Conc: 19.09 ug/ml



#9 ortho-Terphenyl (SURR)

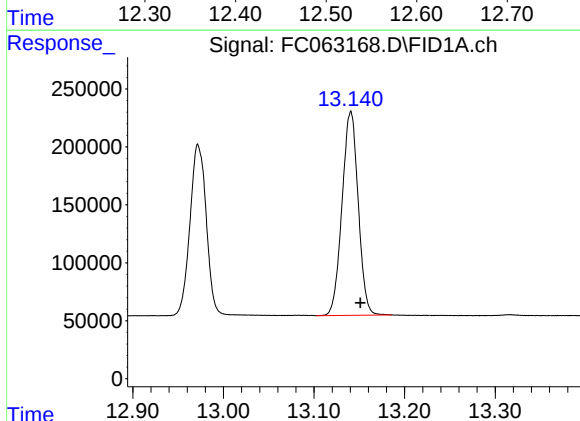
R.T.: 11.534 min
Delta R.T.: -0.011 min
Response: 2455030
Conc: 18.91 ug/ml

Instrument :
FID_C
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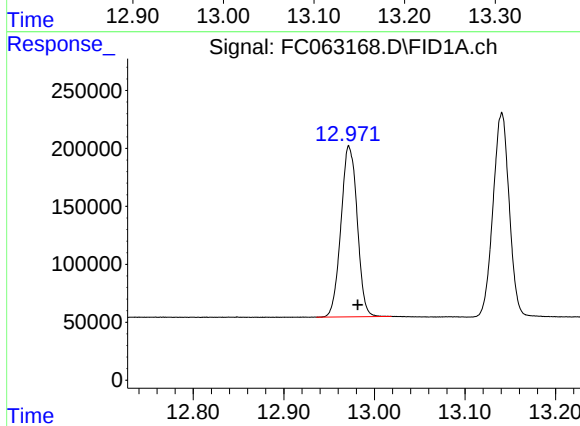
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.010 min
Response: 2175202
Conc: 19.09 ug/ml



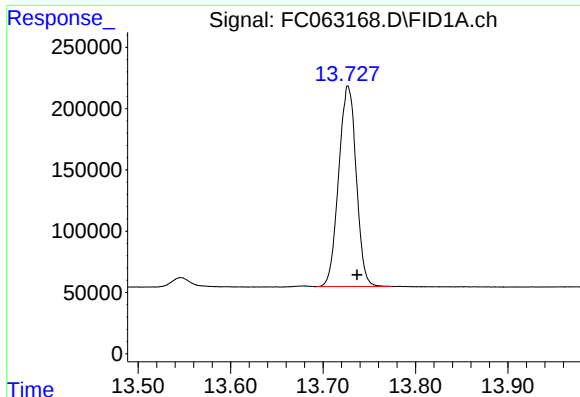
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.010 min
Response: 2182754
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

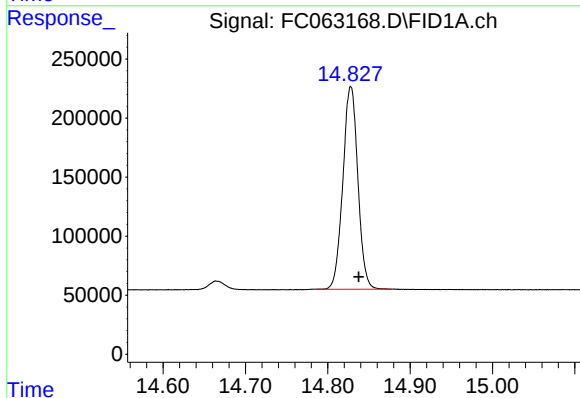
R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 1837290
Conc: 18.83 ug/ml



#13 n-Docosane (C22)

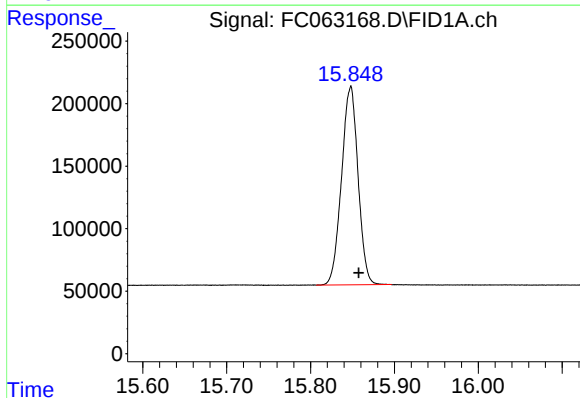
R.T.: 13.727 min
Delta R.T.: -0.010 min
Response: 2158234
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



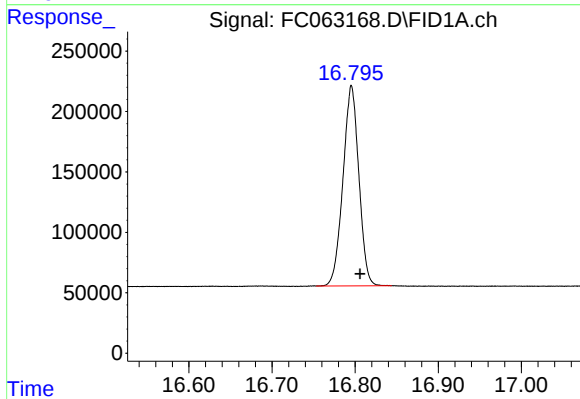
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.010 min
Response: 2173739
Conc: 19.40 ug/ml



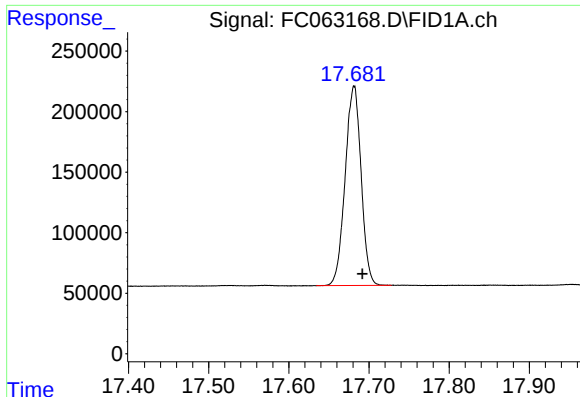
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.009 min
Response: 2172239
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

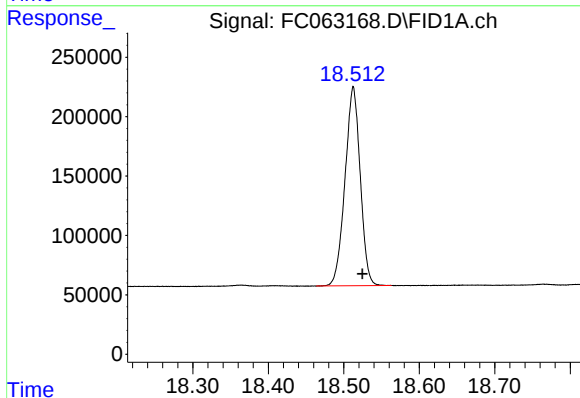
R.T.: 16.796 min
Delta R.T.: -0.010 min
Response: 2200649
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

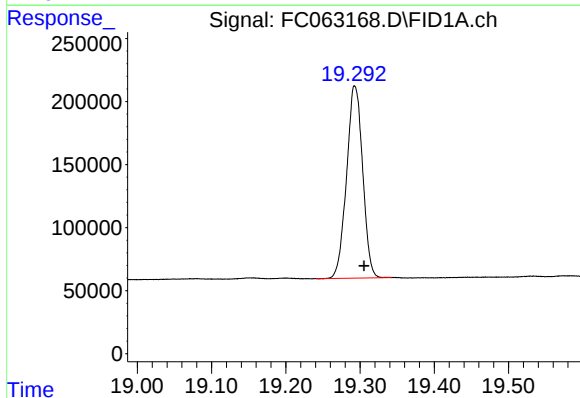
R.T.: 17.681 min
Delta R.T.: -0.010 min
Response: 2277542
Conc: 20.68 ug/ml

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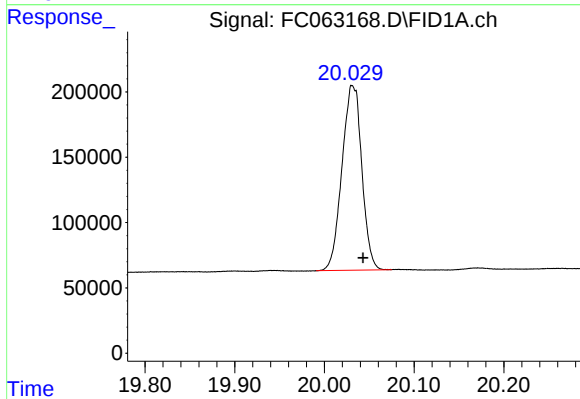
#18 n-Dotriacontane (C32)

R.T.: 18.513 min
Delta R.T.: -0.012 min
Response: 2344817
Conc: 21.01 ug/ml



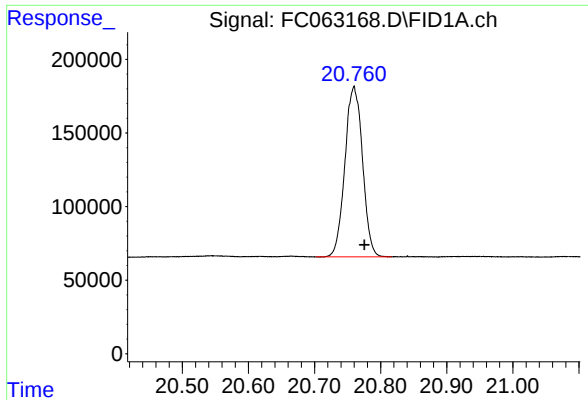
#19 n-Tetratriacontane (C34)

R.T.: 19.293 min
Delta R.T.: -0.013 min
Response: 2293129
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

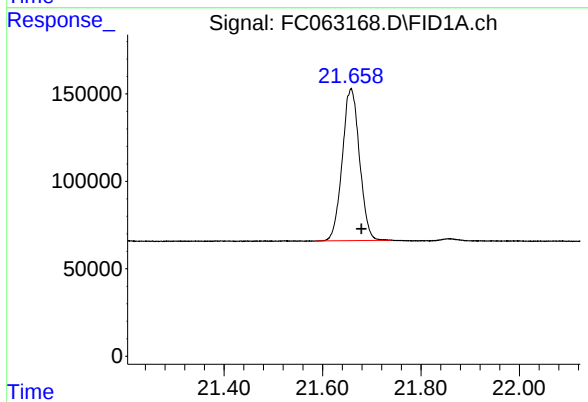
R.T.: 20.031 min
Delta R.T.: -0.012 min
Response: 2171376
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: -0.016 min
Response: 2140169
Conc: 19.69 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.658 min
Delta R.T.: -0.021 min
Response: 2112909
Conc: 19.42 ug/ml