

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052323AL\
 Data File : FG011970.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2023 11:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 24 00:46:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.920	3062730	19.568 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	12.359	2348015	19.801 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	2.757	2207360	19.172 ug/ml
2) T n-Decane (C10)	3.768	2275179	19.288 ug/ml
3) T A~Naphthalene (C11.7)	5.336	2490083	18.997 ug/ml
4) T n-Dodecane (C12)	5.761	2297066	19.152 ug/ml
5) T A~2-methylnaphthalene...	6.387	2374486	18.810 ug/ml
6) T n-Tetradecane (C14)	7.556	2308638	19.011 ug/ml
7) T n-Hexadecane (C16)	9.158	2486267	19.150 ug/ml
8) T n-Octadecane (C18)	10.602	2634581	19.355 ug/ml
10) T n-Eicosane (C20)	11.914	2648018	19.622 ug/ml
11) T n-Heneicosane (C21)	12.526	2652561	19.735 ug/ml
13) T n-Docosane (C22)	13.113	2682876	19.854 ug/ml
14) T n-Tetracosane (C24)	14.219	2734758	20.094 ug/ml
15) T n-Hexacosane (C26)	15.241	2711481	20.269 ug/ml
16) T n-Octacosane (C28)	16.193	2656809	20.351 ug/ml
17) T n-Tricontane (C30)	17.082	2770372	21.005 ug/ml
18) T n-Dotriacontane (C32)	17.916	2717938	21.156 ug/ml
19) T n-Tetratriacontane (C34)	18.702	2520495	20.571 ug/ml
20) T n-Hexatriacontane (C36)	19.444	2307018	19.831 ug/ml
21) T n-Octatriacontane (C38)	20.186	2216949	19.732 ug/ml
22) T n-Tetracontane (C40)	21.110	2146716	19.924 ug/ml

(f)=RT Delta > 1/2 Window

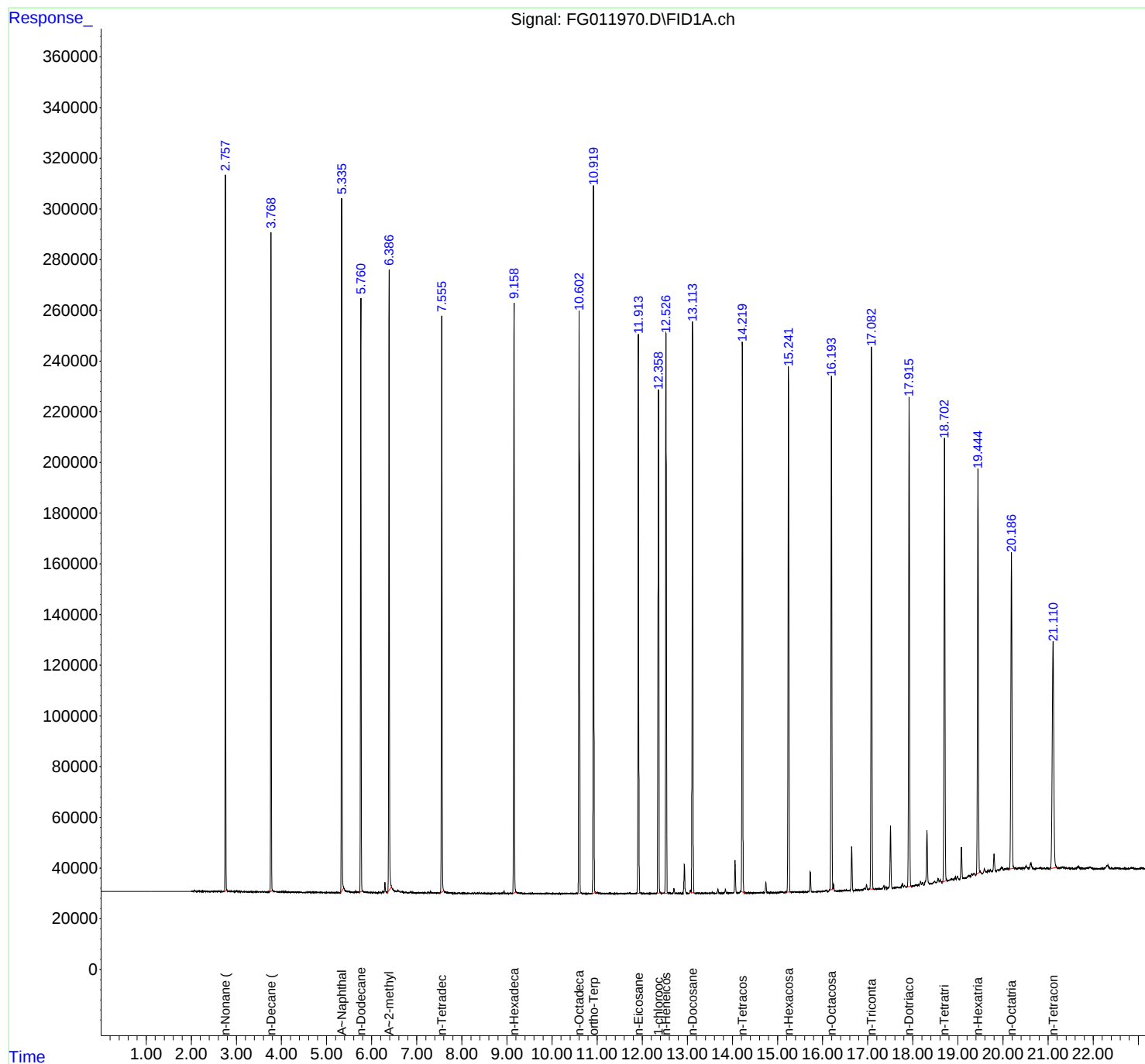
(m)=manual int.

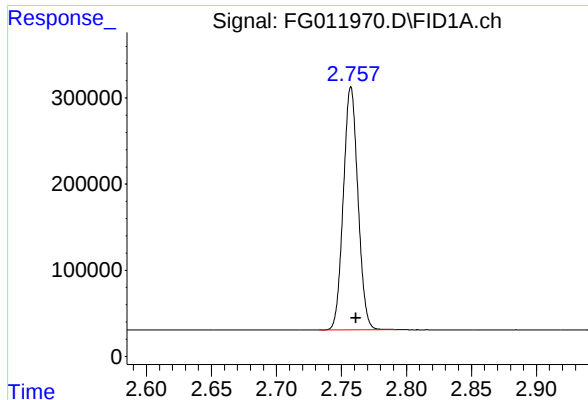
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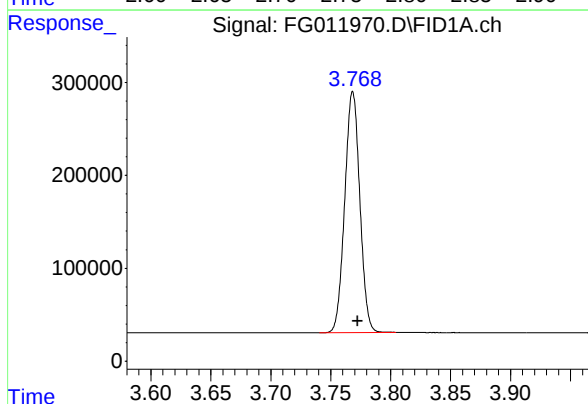




#1 n-Nonane (C9)

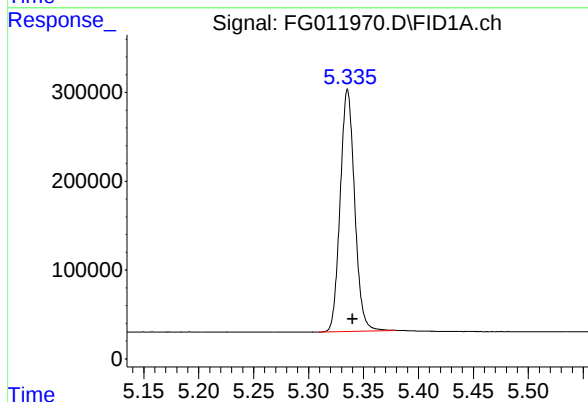
R.T.: 2.757 min
Delta R.T.: -0.004 min
Response: 2207360
Conc: 19.17 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



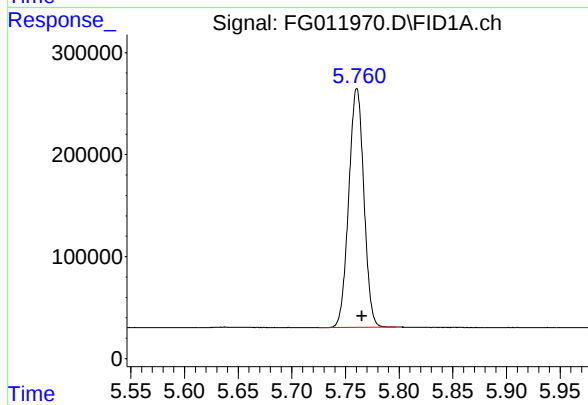
#2 n-Decane (C10)

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 2275179
Conc: 19.29 ug/ml



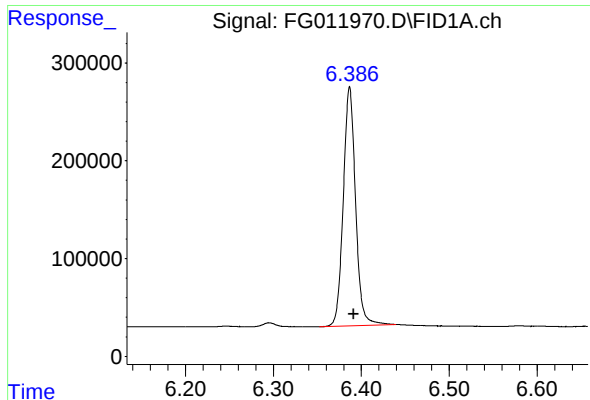
#3 A~Naphthalene (C11.7)

R.T.: 5.336 min
Delta R.T.: -0.005 min
Response: 2490083
Conc: 19.00 ug/ml



#4 n-Dodecane (C12)

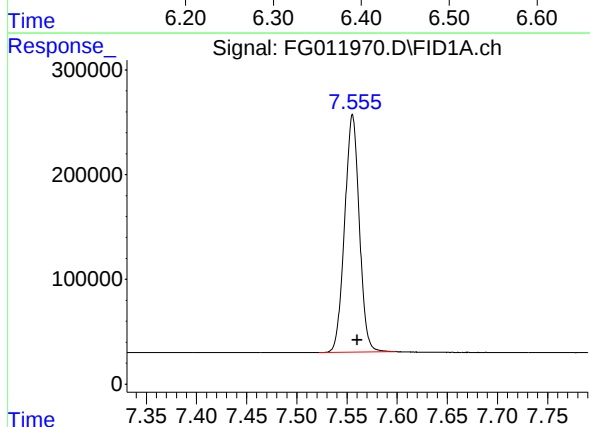
R.T.: 5.761 min
Delta R.T.: -0.005 min
Response: 2297066
Conc: 19.15 ug/ml



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

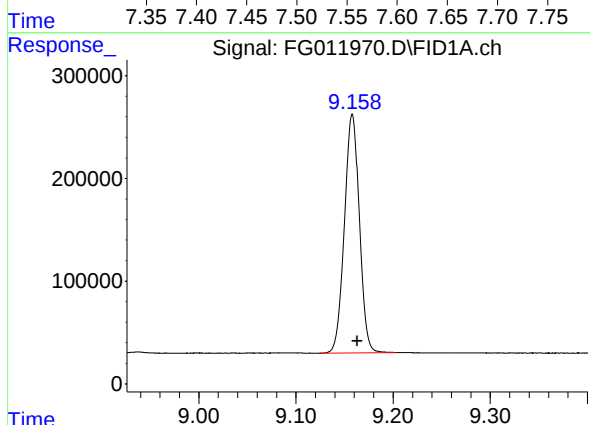
R.T.: 6.387 min
Delta R.T.: -0.004 min
Response: 2374486
Conc: 18.81 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



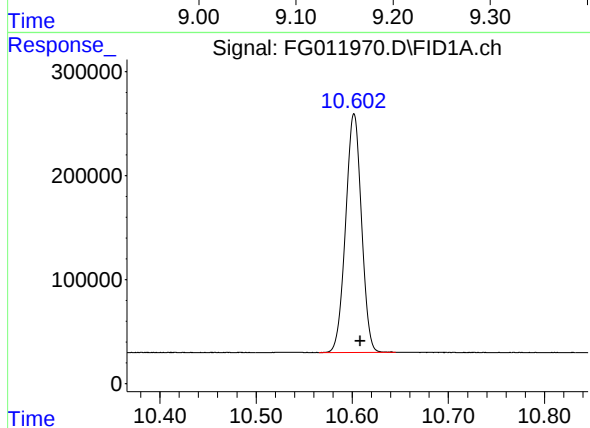
#6 n-Tetradecane (C14)

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 2308638
Conc: 19.01 ug/ml



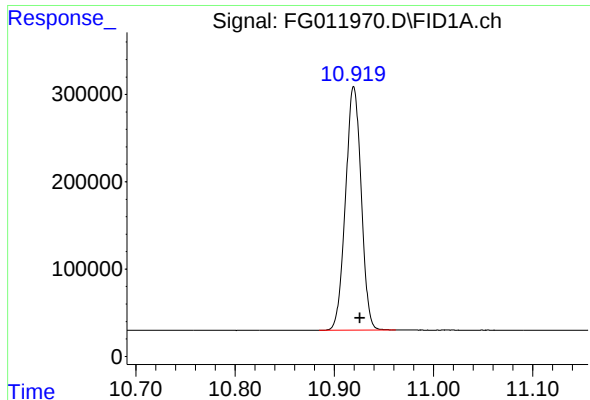
#7 n-Hexadecane (C16)

R.T.: 9.158 min
Delta R.T.: -0.005 min
Response: 2486267
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

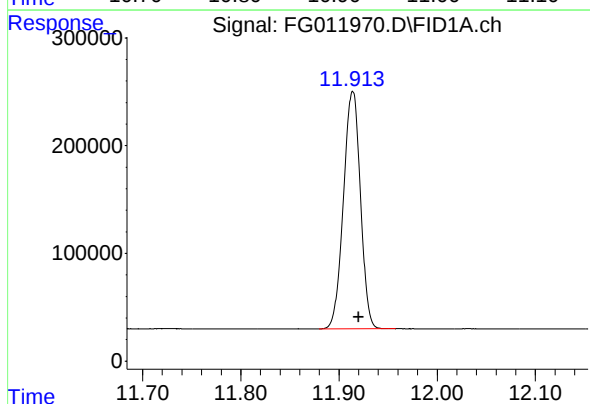
R.T.: 10.602 min
Delta R.T.: -0.007 min
Response: 2634581
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

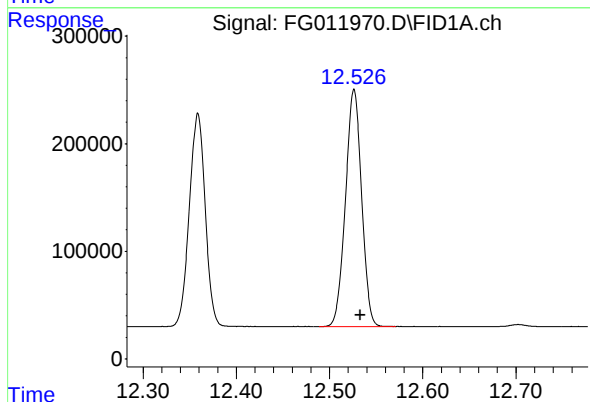
R.T.: 10.920 min
Delta R.T.: -0.006 min
Response: 3062730
Conc: 19.57 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



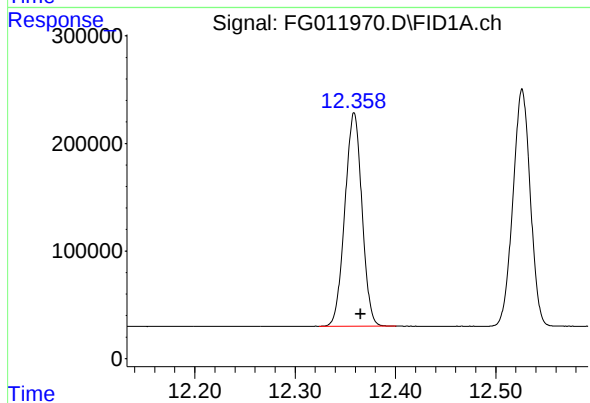
#10 n-Eicosane (C20)

R.T.: 11.914 min
Delta R.T.: -0.006 min
Response: 2648018
Conc: 19.62 ug/ml



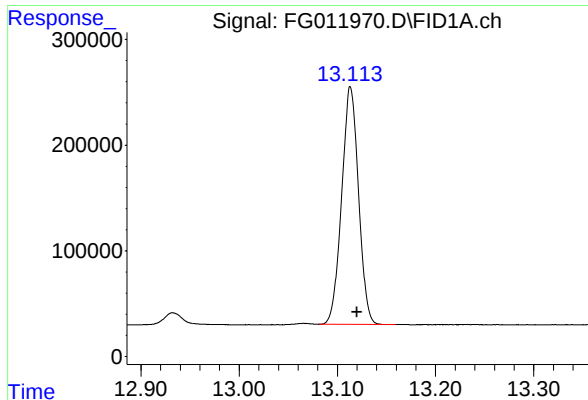
#11 n-Heneicosane (C21)

R.T.: 12.526 min
Delta R.T.: -0.007 min
Response: 2652561
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

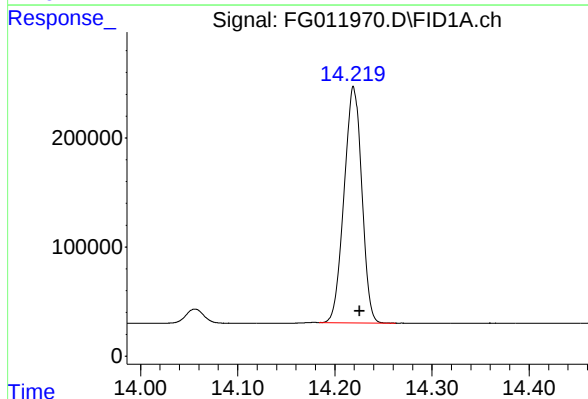
R.T.: 12.359 min
Delta R.T.: -0.006 min
Response: 2348015
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

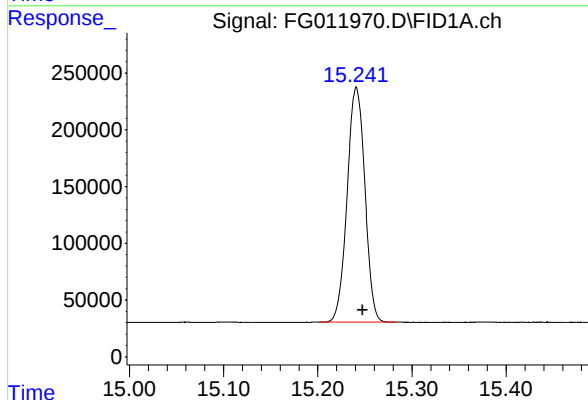
R.T.: 13.113 min
Delta R.T.: -0.007 min
Response: 2682876
Conc: 19.85 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



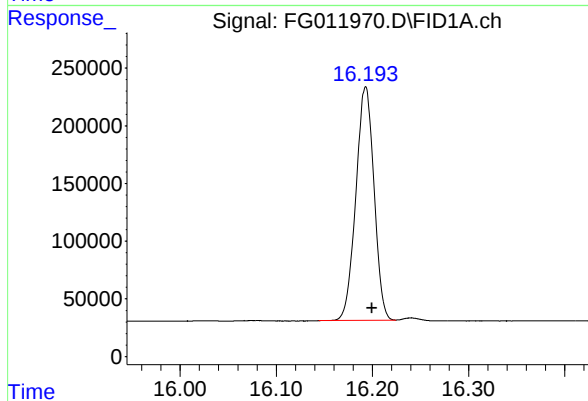
#14 n-Tetracosane (C24)

R.T.: 14.219 min
Delta R.T.: -0.006 min
Response: 2734758
Conc: 20.09 ug/ml



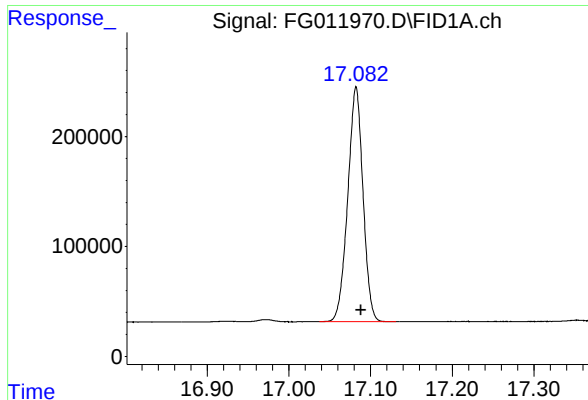
#15 n-Hexacosane (C26)

R.T.: 15.241 min
Delta R.T.: -0.007 min
Response: 2711481
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

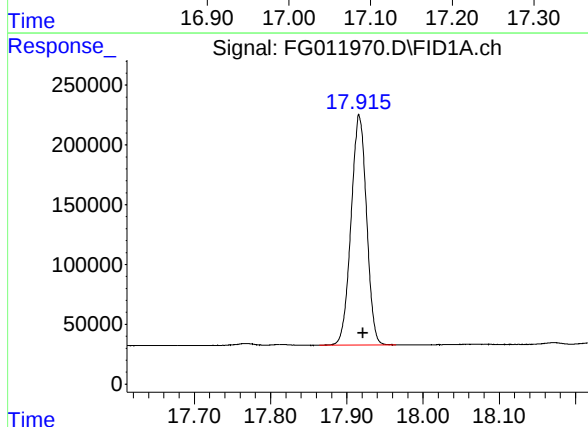
R.T.: 16.193 min
Delta R.T.: -0.007 min
Response: 2656809
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

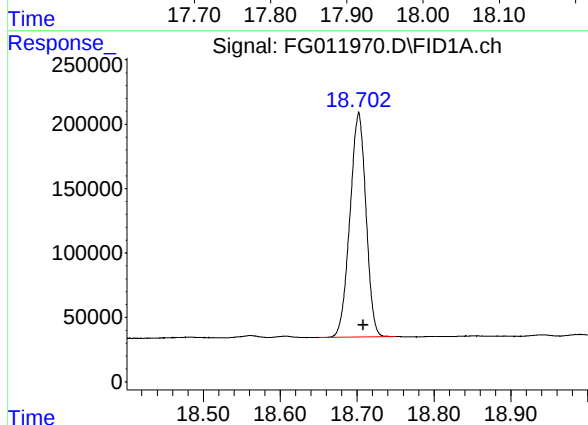
R.T.: 17.082 min
Delta R.T.: -0.006 min
Response: 2770372
Conc: 21.01 ug/ml

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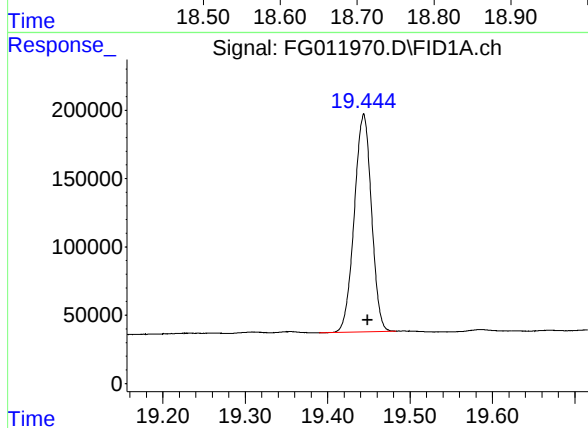
#18 n-Dotriacontane (C32)

R.T.: 17.916 min
Delta R.T.: -0.005 min
Response: 2717938
Conc: 21.16 ug/ml



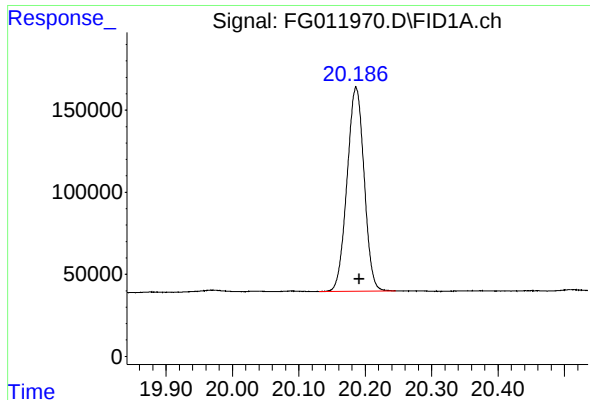
#19 n-Tetatriacontane (C34)

R.T.: 18.702 min
Delta R.T.: -0.006 min
Response: 2520495
Conc: 20.57 ug/ml



#20 n-Hexatriacontane (C36)

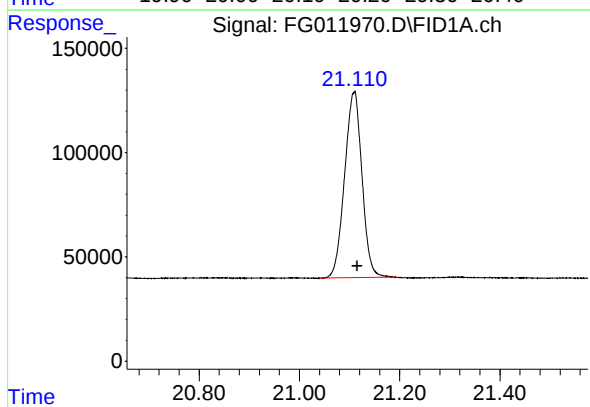
R.T.: 19.444 min
Delta R.T.: -0.005 min
Response: 2307018
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.186 min
Delta R.T.: -0.005 min
Response: 2216949
Conc: 19.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.110 min
Delta R.T.: -0.006 min
Response: 2146716
Conc: 19.92 ug/ml