

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052323AL\
 Data File : FG011985.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2023 20:22
 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 00:48:29 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	3265197	20.862 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
12) S 1-chlorooctadecane (S...	12.358	2510067	21.167 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T n-Nonane (C9)	2.757	2356020	20.463 ug/ml
2) T n-Decane (C10)	3.768	2413625	20.462 ug/ml
3) T A~Naphthalene (C11.7)	5.335	2648307	20.204 ug/ml
4) T n-Dodecane (C12)	5.761	2441544	20.356 ug/ml
5) T A~2-methylnaphthalene...	6.386	2511186	19.893 ug/ml
6) T n-Tetradecane (C14)	7.556	2465024	20.299 ug/ml
7) T n-Hexadecane (C16)	9.159	2651574	20.423 ug/ml
8) T n-Octadecane (C18)	10.601	2818861	20.709 ug/ml
10) T n-Eicosane (C20)	11.912	2831812	20.984 ug/ml
11) T n-Heneicosane (C21)	12.526	2827173	21.034 ug/ml
13) T n-Docosane (C22)	13.113	2889111	21.381 ug/ml
14) T n-Tetracosane (C24)	14.218	2905328	21.347 ug/ml
15) T n-Hexacosane (C26)	15.241	2875165	21.492 ug/ml
16) T n-Octacosane (C28)	16.192	2802361	21.466 ug/ml
17) T n-Tricontane (C30)	17.082	2860128	21.686 ug/ml
18) T n-Dotriacontane (C32)	17.916	2794160	21.750 ug/ml
19) T n-Tetratriacontane (C34)	18.701	2600103	21.221 ug/ml
20) T n-Hexatriacontane (C36)	19.443	2393044	20.570 ug/ml
21) T n-Octatriacontane (C38)	20.185	2337057	20.801 ug/ml
22) T n-Tetracontane (C40)	21.106	2291371	21.267 ug/ml

(f)=RT Delta > 1/2 Window

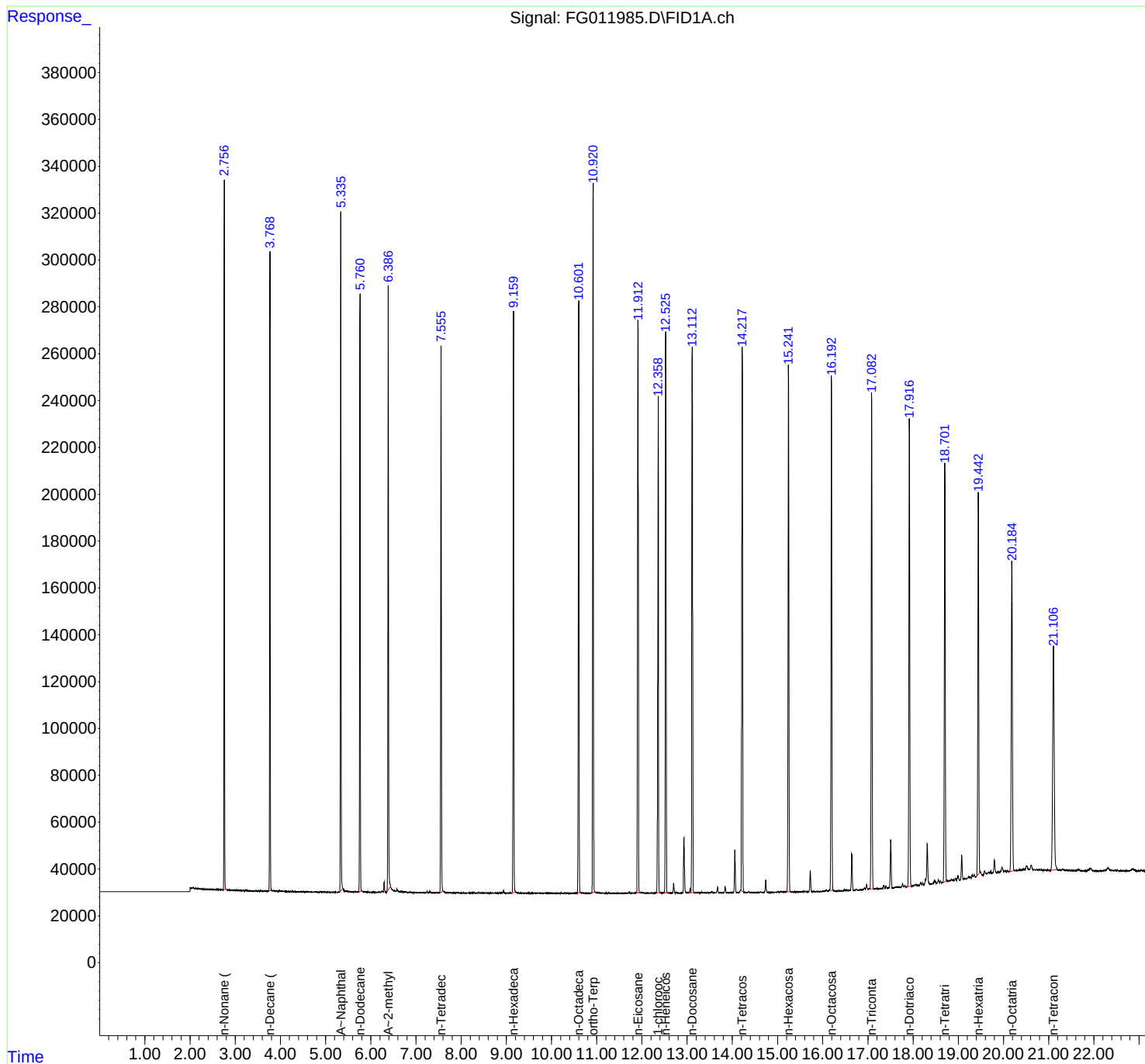
(m)=manual int.

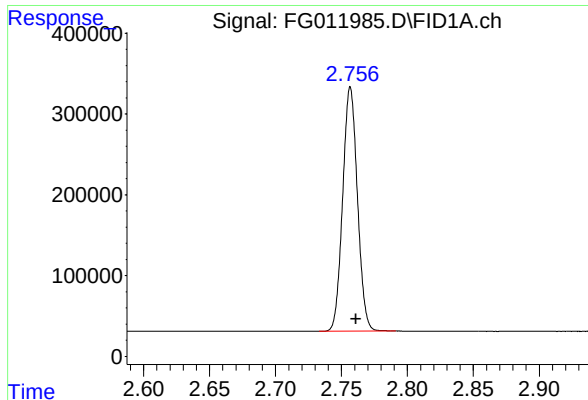
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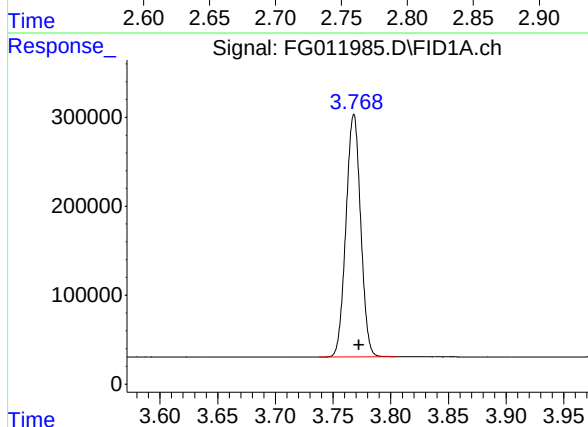




#1 n-Nonane (C9)

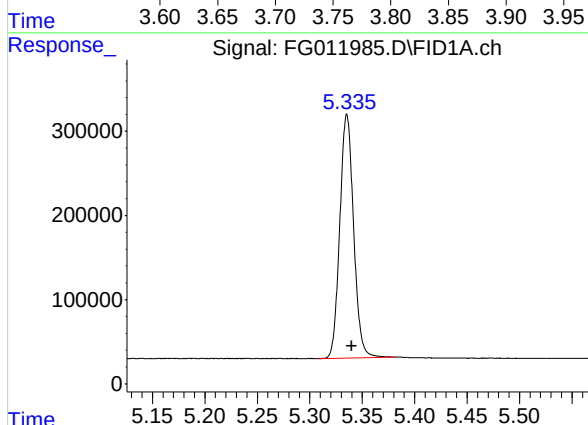
R.T.: 2.757 min
Delta R.T.: -0.004 min
Response: 2356020
Conc: 20.46 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



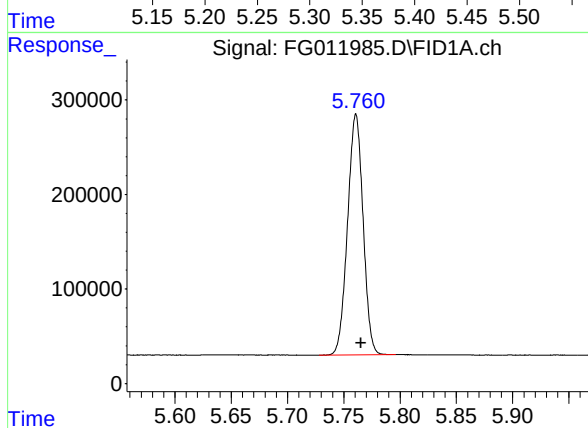
#2 n-Decane (C10)

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 2413625
Conc: 20.46 ug/ml



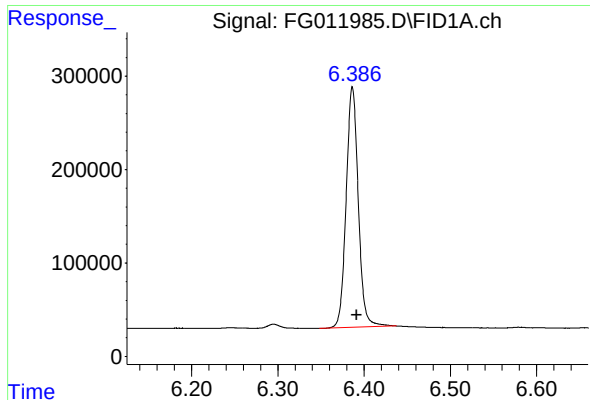
#3 A~Naphthalene (C11.7)

R.T.: 5.335 min
Delta R.T.: -0.005 min
Response: 2648307
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

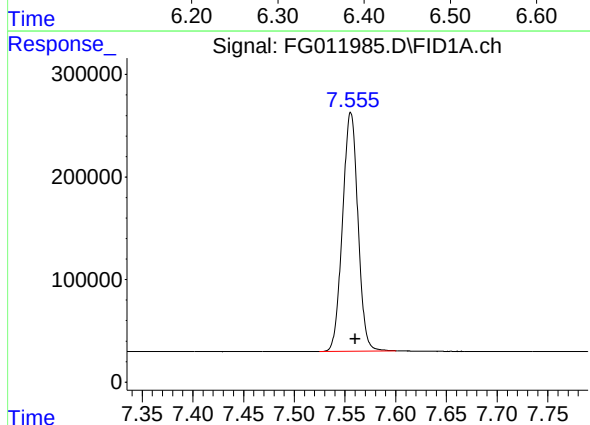
R.T.: 5.761 min
Delta R.T.: -0.005 min
Response: 2441544
Conc: 20.36 ug/ml



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

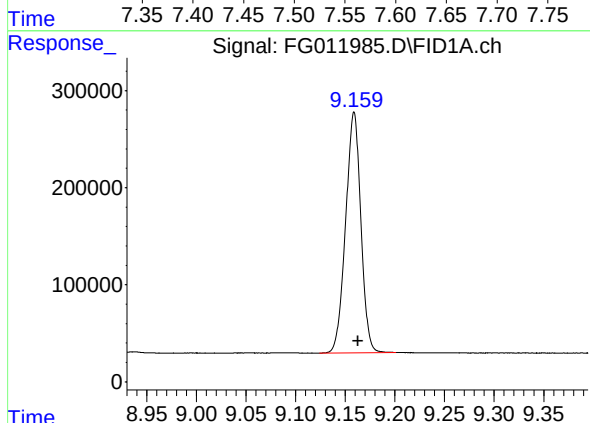
R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 2511186
Conc: 19.89 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



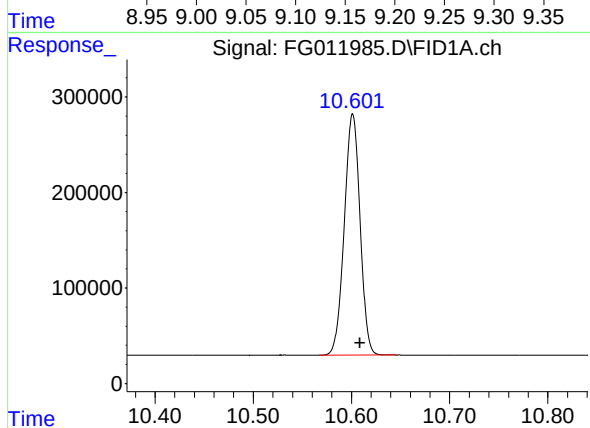
#6 n-Tetradecane (C14)

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 2465024
Conc: 20.30 ug/ml



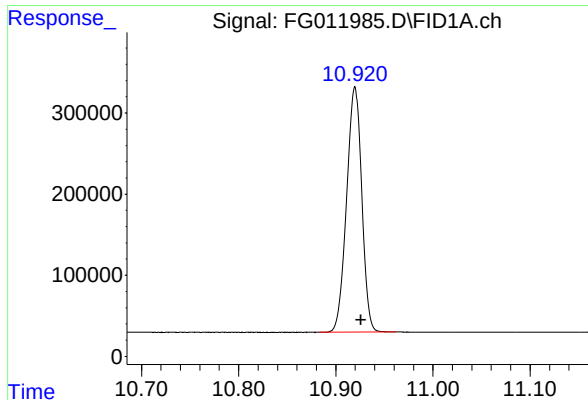
#7 n-Hexadecane (C16)

R.T.: 9.159 min
Delta R.T.: -0.004 min
Response: 2651574
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

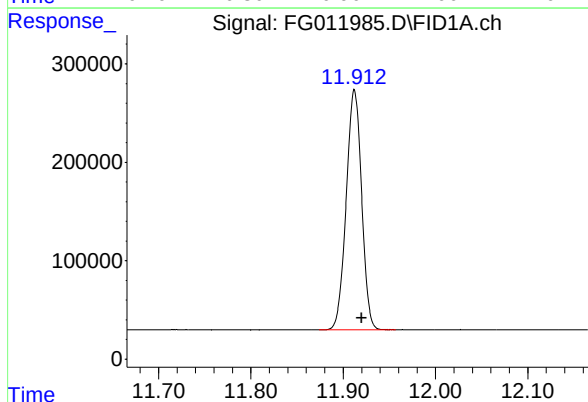
R.T.: 10.601 min
Delta R.T.: -0.007 min
Response: 2818861
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

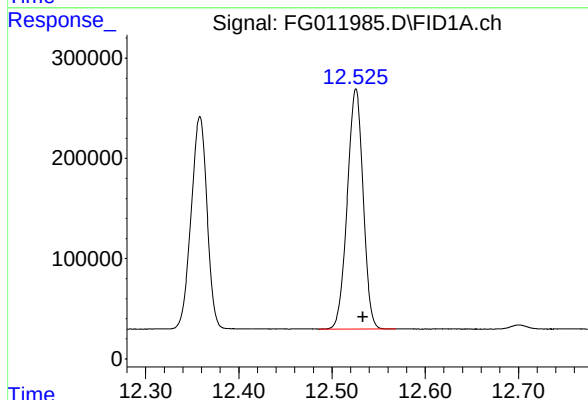
R.T.: 10.920 min
Delta R.T.: -0.006 min
Response: 3265197
Conc: 20.86 ug/ml

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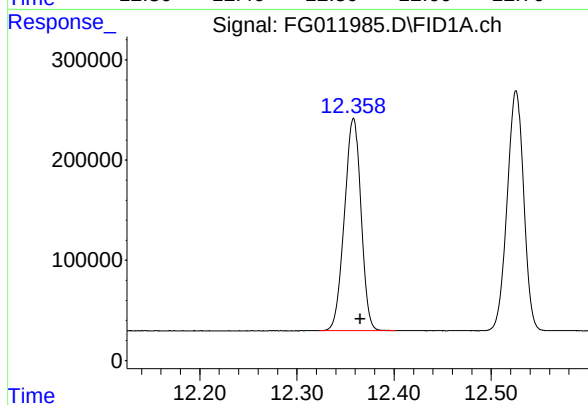
#10 n-Eicosane (C20)

R.T.: 11.912 min
Delta R.T.: -0.008 min
Response: 2831812
Conc: 20.98 ug/ml



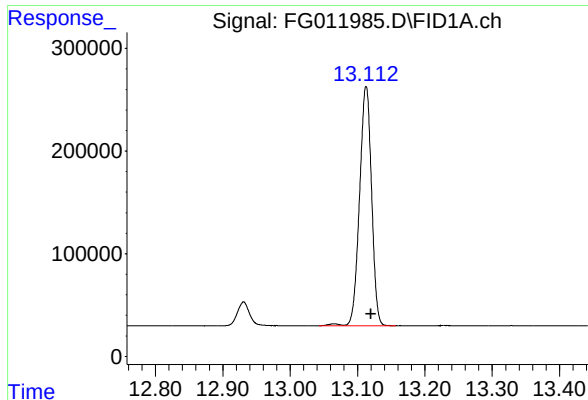
#11 n-Heneicosane (C21)

R.T.: 12.526 min
Delta R.T.: -0.007 min
Response: 2827173
Conc: 21.03 ug/ml



#12 1-chlorooctadecane (SURR)

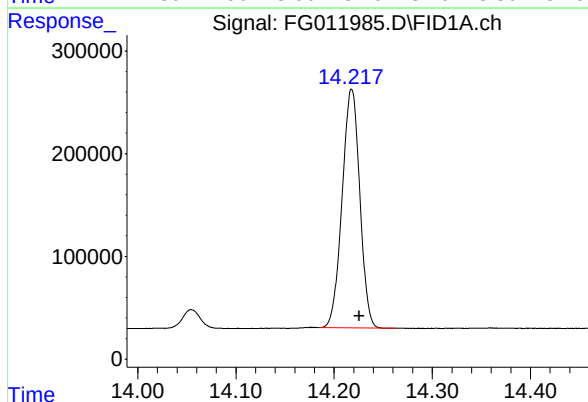
R.T.: 12.358 min
Delta R.T.: -0.007 min
Response: 2510067
Conc: 21.17 ug/ml



#13 n-Docosane (C22)

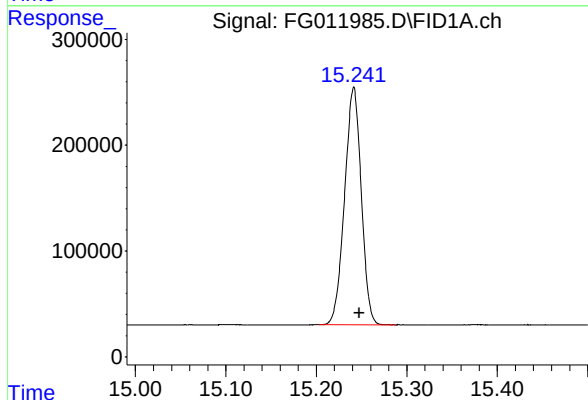
R.T.: 13.113 min
Delta R.T.: -0.007 min
Response: 2889111
Conc: 21.38 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



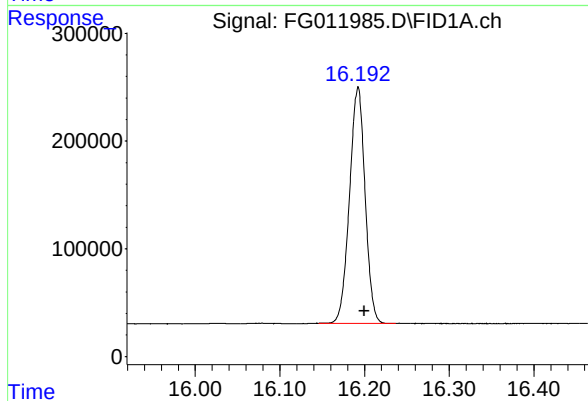
#14 n-Tetracosane (C24)

R.T.: 14.218 min
Delta R.T.: -0.008 min
Response: 2905328
Conc: 21.35 ug/ml



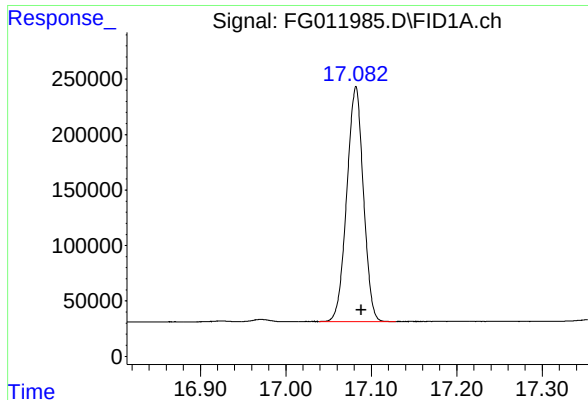
#15 n-Hexacosane (C26)

R.T.: 15.241 min
Delta R.T.: -0.006 min
Response: 2875165
Conc: 21.49 ug/ml



#16 n-Octacosane (C28)

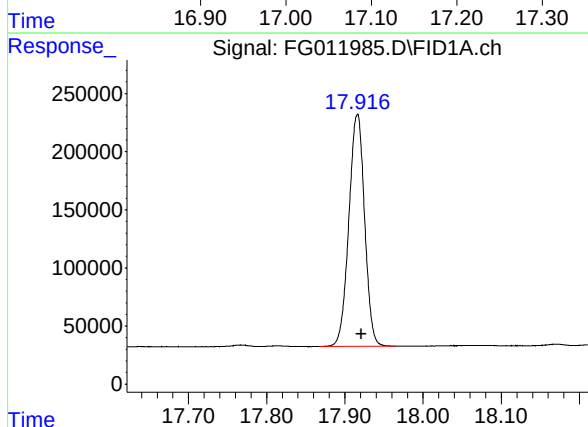
R.T.: 16.192 min
Delta R.T.: -0.007 min
Response: 2802361
Conc: 21.47 ug/ml



#17 n-Tricontane (C30)

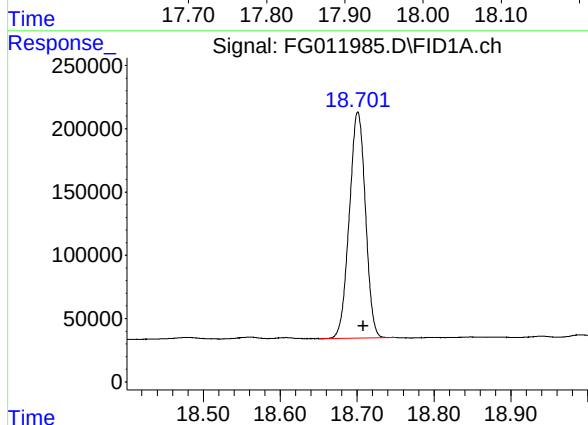
R.T.: 17.082 min
Delta R.T.: -0.006 min
Response: 2860128
Conc: 21.69 ug/ml

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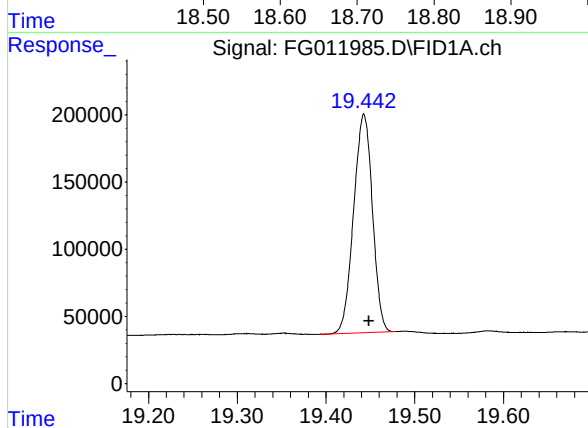
#18 n-Dotriacontane (C32)

R.T.: 17.916 min
Delta R.T.: -0.005 min
Response: 2794160
Conc: 21.75 ug/ml



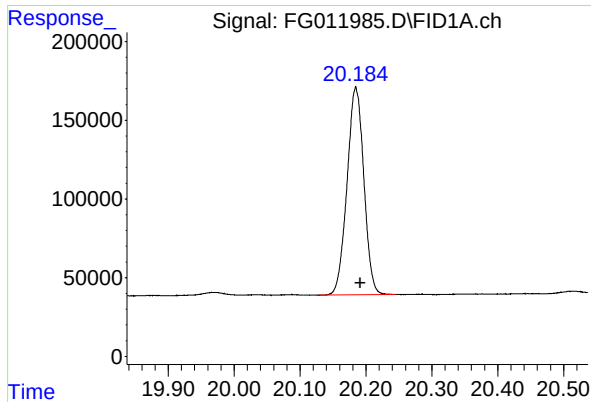
#19 n-Tetatriacontane (C34)

R.T.: 18.701 min
Delta R.T.: -0.007 min
Response: 2600103
Conc: 21.22 ug/ml



#20 n-Hexatriacontane (C36)

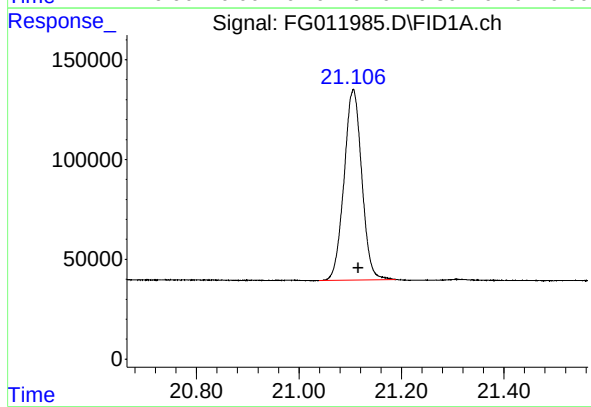
R.T.: 19.443 min
Delta R.T.: -0.006 min
Response: 2393044
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.185 min
Delta R.T.: -0.007 min
Response: 2337057
Conc: 20.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.106 min
Delta R.T.: -0.010 min
Response: 2291371
Conc: 21.27 ug/ml