

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072123AL\
 Data File : FG012531.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 06:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 21 08:41:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.881	3333056	21.330 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
12) S 1-chlorooctadecane (S...	12.319	2460715	21.231 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
Target Compounds			
1) T n-Nonane (C9)	2.730	2668624	21.454 ug/ml
2) T n-Decane (C10)	3.738	2722130	21.410 ug/ml
3) T A~Naphthalene (C11.7)	5.303	2967078	21.436 ug/ml
4) T n-Dodecane (C12)	5.727	2744526	21.333 ug/ml
5) T A~2-methylnaphthalene...	6.353	2813512	21.547 ug/ml
6) T n-Tetradecane (C14)	7.519	2729879	21.376 ug/ml
7) T n-Hexadecane (C16)	9.120	2867905	21.510 ug/ml
8) T n-Octadecane (C18)	10.564	2974606	21.420 ug/ml
10) T n-Eicosane (C20)	11.873	2901699	21.463 ug/ml
11) T n-Heneicosane (C21)	12.486	2817606	21.239 ug/ml
13) T n-Docosane (C22)	13.073	2851451	21.629 ug/ml
14) T n-Tetracosane (C24)	14.177	3025926	21.545 ug/ml
15) T n-Hexacosane (C26)	15.199	2827064	22.395 ug/ml
16) T n-Octacosane (C28)	16.149	2829379	22.507 ug/ml
17) T n-Tricontane (C30)	17.038	2973734	22.504 ug/ml
18) T n-Dotriacontane (C32)	17.872	3028128	22.758 ug/ml
19) T n-Tetratriacontane (C34)	18.657	2906479	22.684 ug/ml
20) T n-Hexatriacontane (C36)	19.399	2757867	22.318 ug/ml
21) T n-Octatriacontane (C38)	20.133	2637949	22.086 ug/ml
22) T n-Tetracontane (C40)	21.038	2523044	21.774 ug/ml

(f)=RT Delta > 1/2 Window

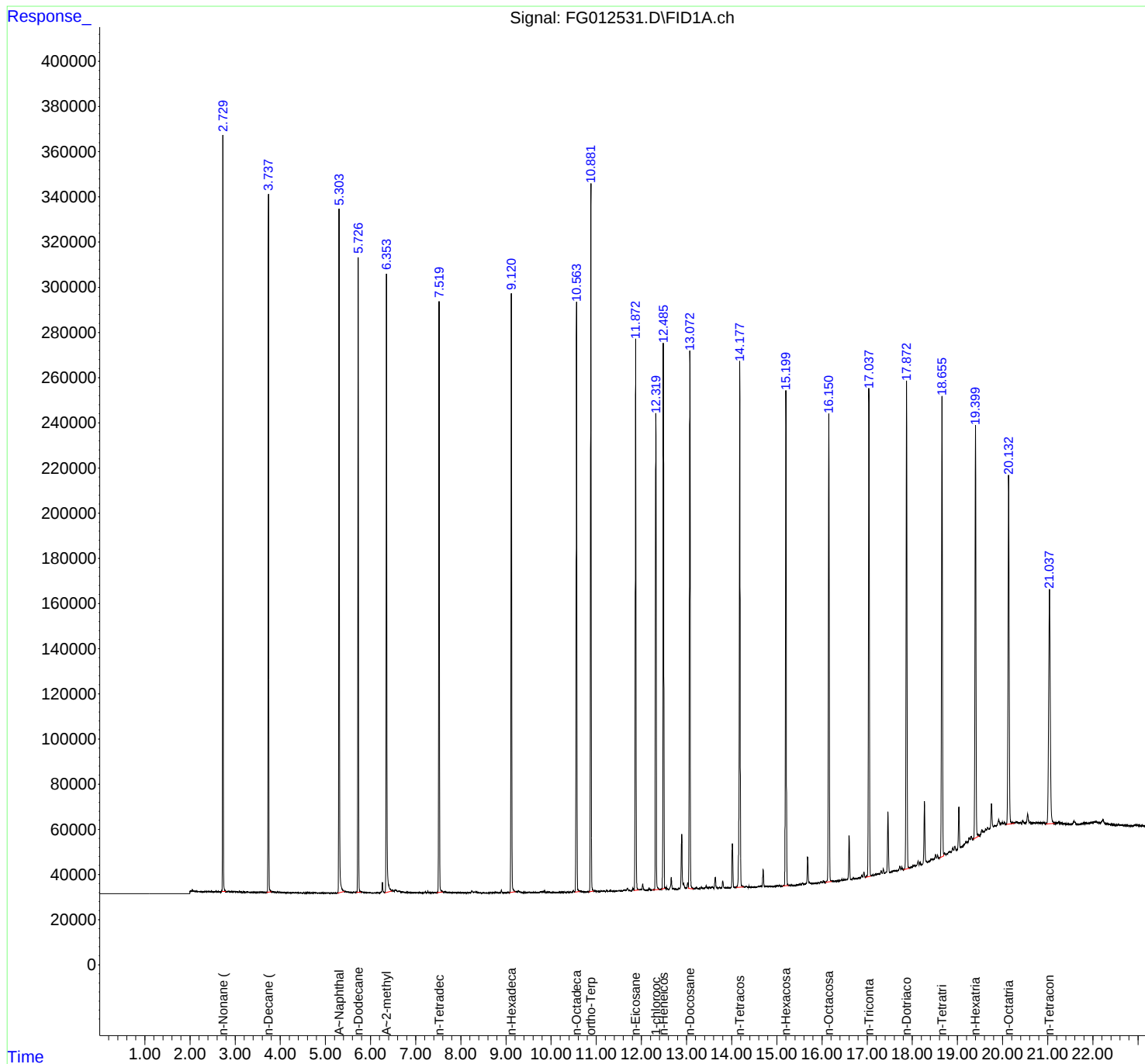
(m)=manual int.

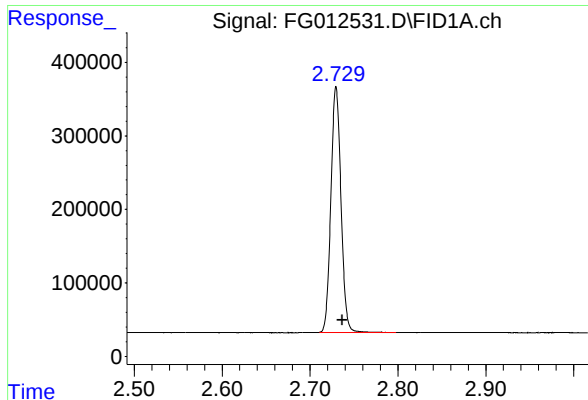
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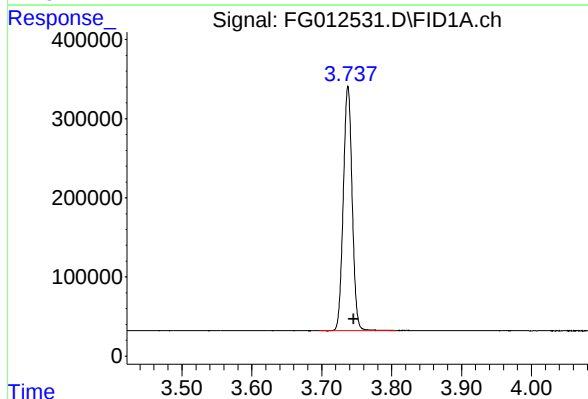




#1 n-Nonane (C9)

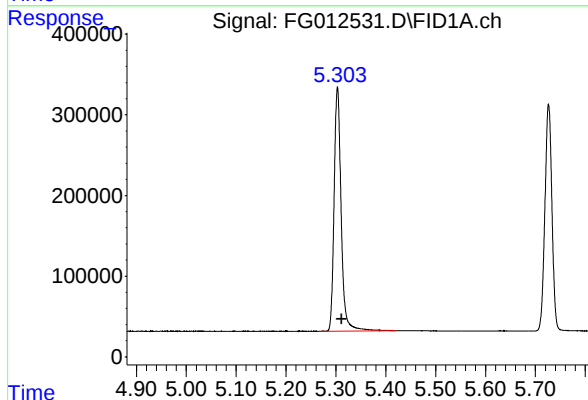
R.T.: 2.730 min
Delta R.T.: -0.007 min
Response: 2668624
Conc: 21.45 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



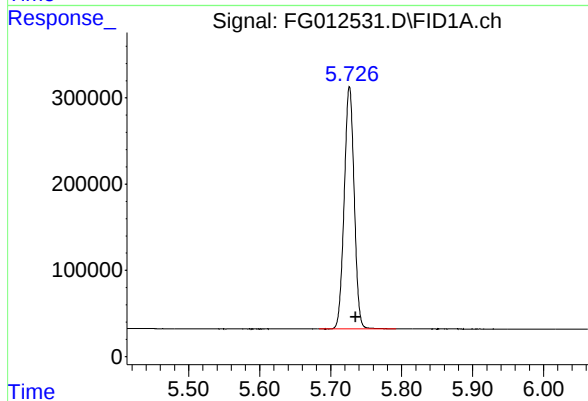
#2 n-Decane (C10)

R.T.: 3.738 min
Delta R.T.: -0.008 min
Response: 2722130
Conc: 21.41 ug/ml



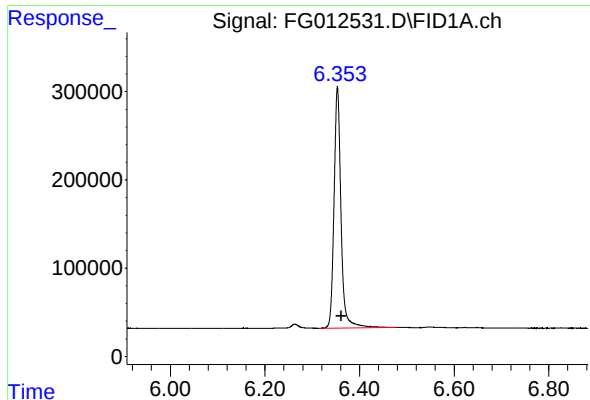
#3 A~Naphthalene (C11.7)

R.T.: 5.303 min
Delta R.T.: -0.008 min
Response: 2967078
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

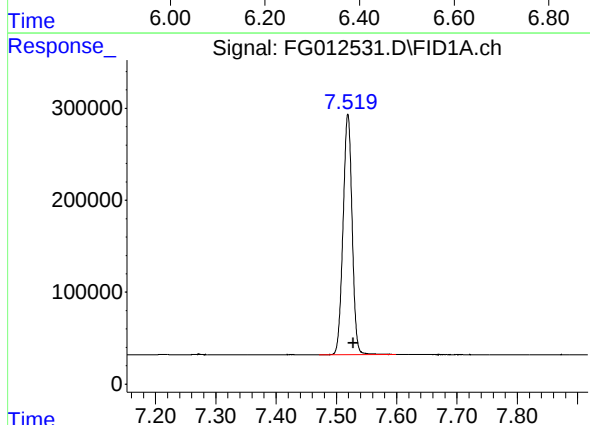
R.T.: 5.727 min
Delta R.T.: -0.009 min
Response: 2744526
Conc: 21.33 ug/ml



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

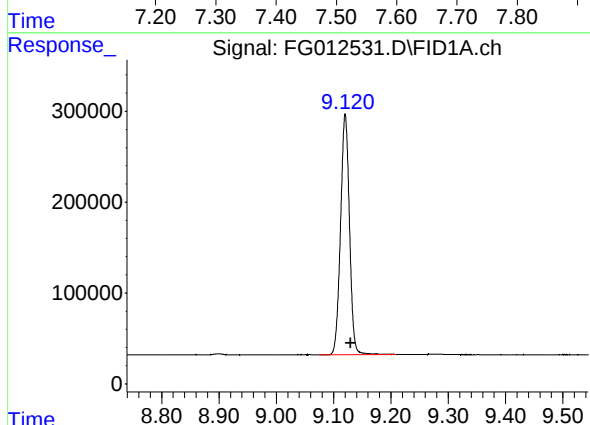
R.T.: 6.353 min
Delta R.T.: -0.007 min
Response: 2813512
Conc: 21.55 ug/ml

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20 PPM ALIPHATIC HC STD



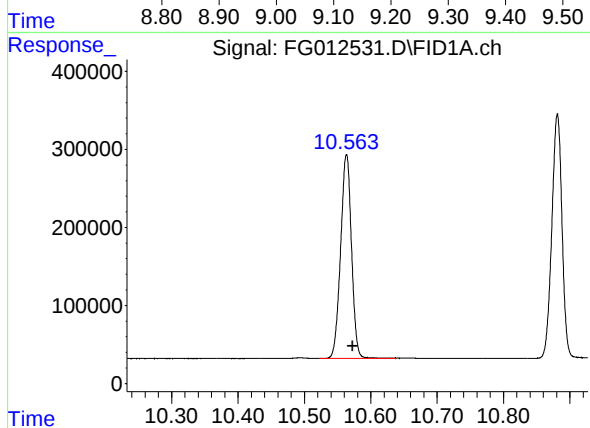
#6 n-Tetradecane (C14)

R.T.: 7.519 min
Delta R.T.: -0.009 min
Response: 2729879
Conc: 21.38 ug/ml



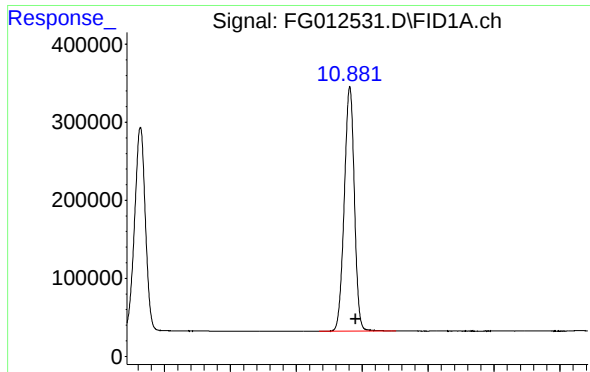
#7 n-Hexadecane (C16)

R.T.: 9.120 min
Delta R.T.: -0.010 min
Response: 2867905
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

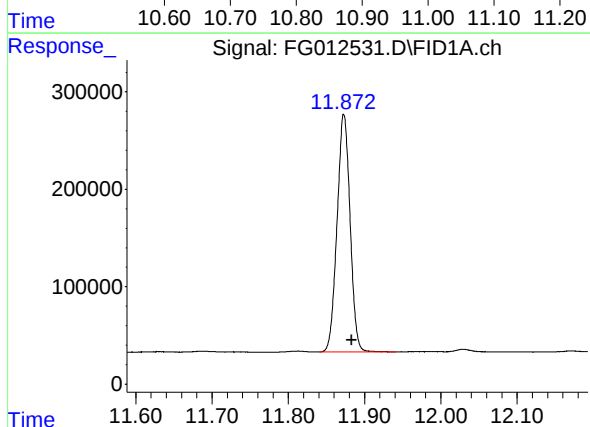
R.T.: 10.564 min
Delta R.T.: -0.009 min
Response: 2974606
Conc: 21.42 ug/ml



#9 ortho-Terphenyl (SURR)

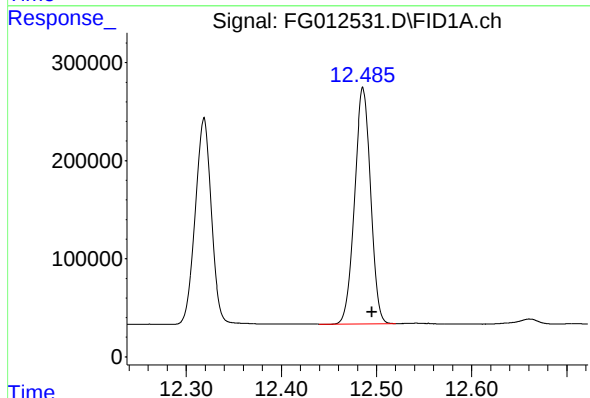
R.T.: 10.881 min
Delta R.T.: -0.009 min
Response: 3333056
Conc: 21.33 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



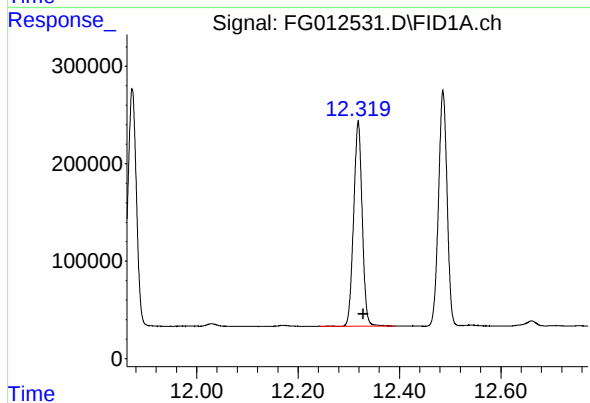
#10 n-Eicosane (C20)

R.T.: 11.873 min
Delta R.T.: -0.010 min
Response: 2901699
Conc: 21.46 ug/ml



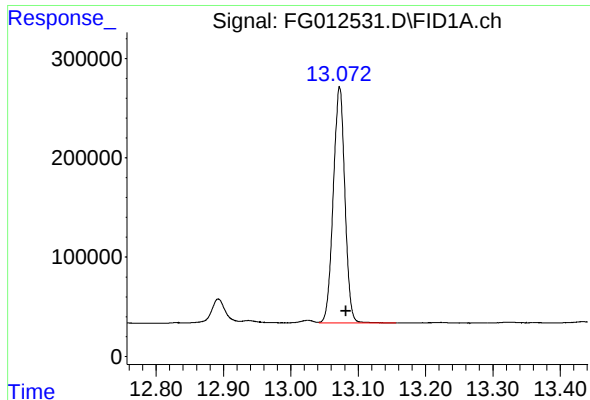
#11 n-Heneicosane (C21)

R.T.: 12.486 min
Delta R.T.: -0.009 min
Response: 2817606
Conc: 21.24 ug/ml



#12 1-chlorooctadecane (SURR)

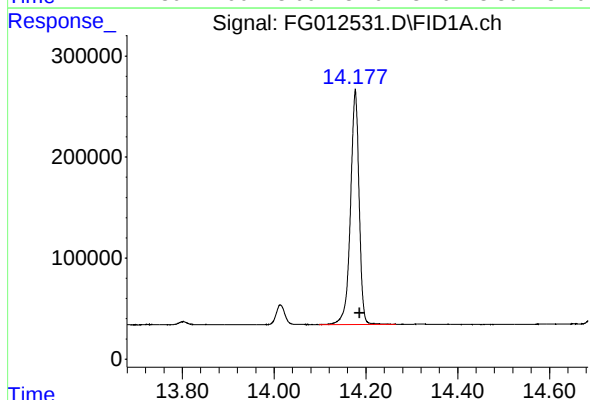
R.T.: 12.319 min
Delta R.T.: -0.010 min
Response: 2460715
Conc: 21.23 ug/ml



#13 n-Docosane (C22)

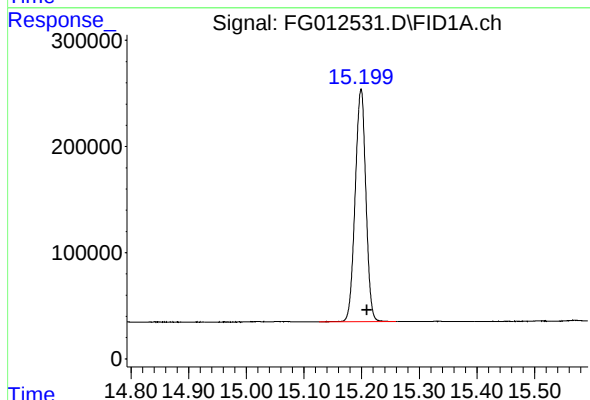
R.T.: 13.073 min
Delta R.T.: -0.010 min
Response: 2851451
Conc: 21.63 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



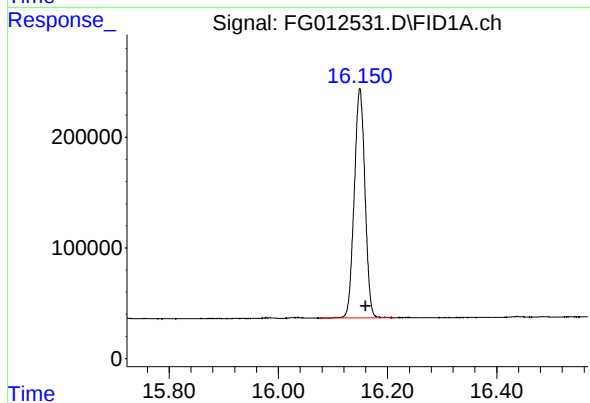
#14 n-Tetracosane (C24)

R.T.: 14.177 min
Delta R.T.: -0.010 min
Response: 3025926
Conc: 21.54 ug/ml



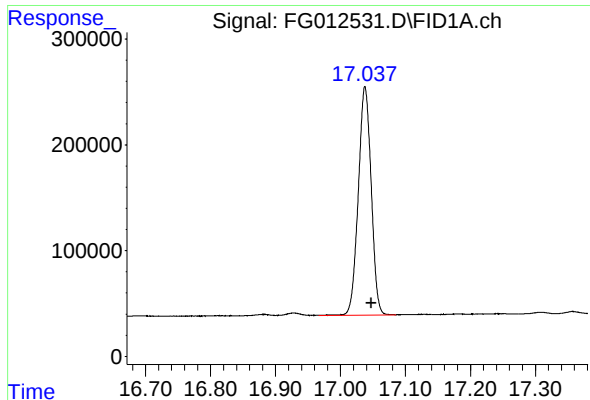
#15 n-Hexacosane (C26)

R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 2827064
Conc: 22.40 ug/ml



#16 n-Octacosane (C28)

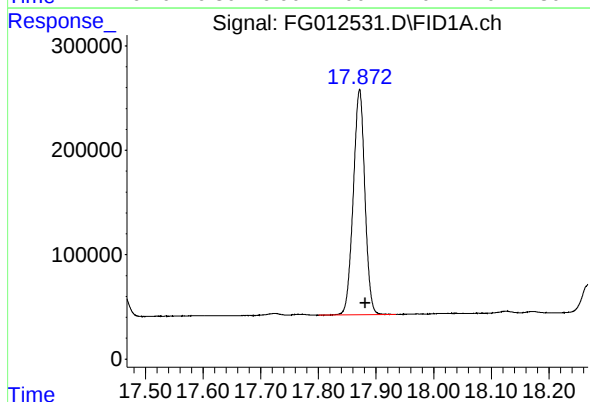
R.T.: 16.149 min
Delta R.T.: -0.011 min
Response: 2829379
Conc: 22.51 ug/ml



#17 n-Tricontane (C30)

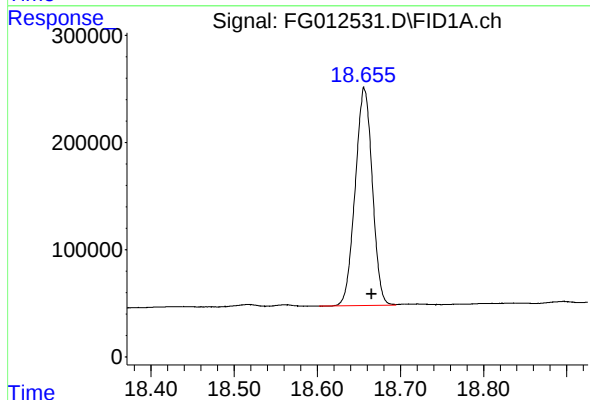
R.T.: 17.038 min
Delta R.T.: -0.010 min
Response: 2973734
Conc: 22.50 ug/ml

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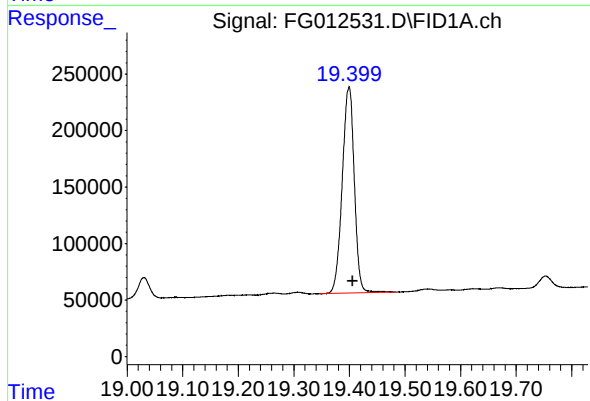
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.010 min
Response: 3028128
Conc: 22.76 ug/ml



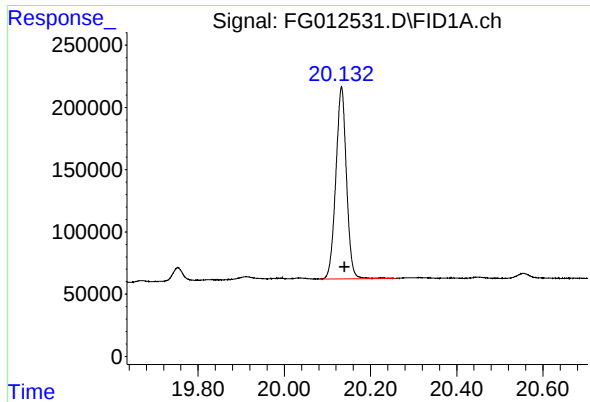
#19 n-Tetatriacontane (C34)

R.T.: 18.657 min
Delta R.T.: -0.009 min
Response: 2906479
Conc: 22.68 ug/ml



#20 n-Hexatriacontane (C36)

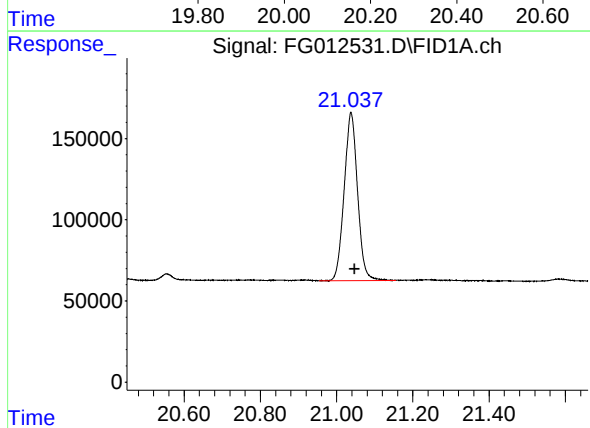
R.T.: 19.399 min
Delta R.T.: -0.007 min
Response: 2757867
Conc: 22.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.133 min
Delta R.T.: -0.007 min
Response: 2637949
Conc: 22.09 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.038 min
Delta R.T.: -0.010 min
Response: 2523044
Conc: 21.77 ug/ml