

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102924AL\
 Data File : FG014573.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2024 23:02
 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: sample.E
 Quant Time: Oct 30 06:19:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 2024
 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)	11.961	3140601	20.491 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	13.400	2425001	19.749 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T n-Nonane (C9)	3.334	2737083	21.150 ug/ml
2) T n-Decane (C10)	4.585	2803812	21.278 ug/ml
3) T A~Naphthalene (C11.7)	6.289	3050785	21.267 ug/ml
4) T n-Dodecane (C12)	6.754	2845159	21.417 ug/ml
5) T A~2-methylnaphthalene...	7.386	2971174	21.298 ug/ml
6) T n-Tetradecane (C14)	8.585	2830467	21.333 ug/ml
7) T n-Hexadecane (C16)	10.196	2917405	20.994 ug/ml
8) T n-Octadecane (C18)	11.643	2934400	20.498 ug/ml
10) T n-Eicosane (C20)	12.955	2814123	20.011 ug/ml
11) T n-Heneicosane (C21)	13.568	2762452	19.737 ug/ml
13) T n-Docosane (C22)	14.155	2736458	19.453 ug/ml
14) T n-Tetracosane (C24)	15.259	2701600	18.986 ug/ml
15) T n-Hexacosane (C26)	16.281	2620331	18.564 ug/ml
16) T n-Octacosane (C28)	17.230	2526399	18.280 ug/ml
17) T n-Tricontane (C30)	18.118	2542780	18.346 ug/ml
18) T n-Dotriacontane (C32)	18.951	2426104	18.531 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2099556	18.758 ug/ml
20) T n-Hexatriacontane (C36)	20.475	1805573	19.399 ug/ml
21) T n-Octatriacontane (C38)	21.224	1705438	20.413 ug/ml
22) T n-Tetracontane (C40)	22.165	1660505	21.836 ug/ml

(f)=RT Delta > 1/2 Window

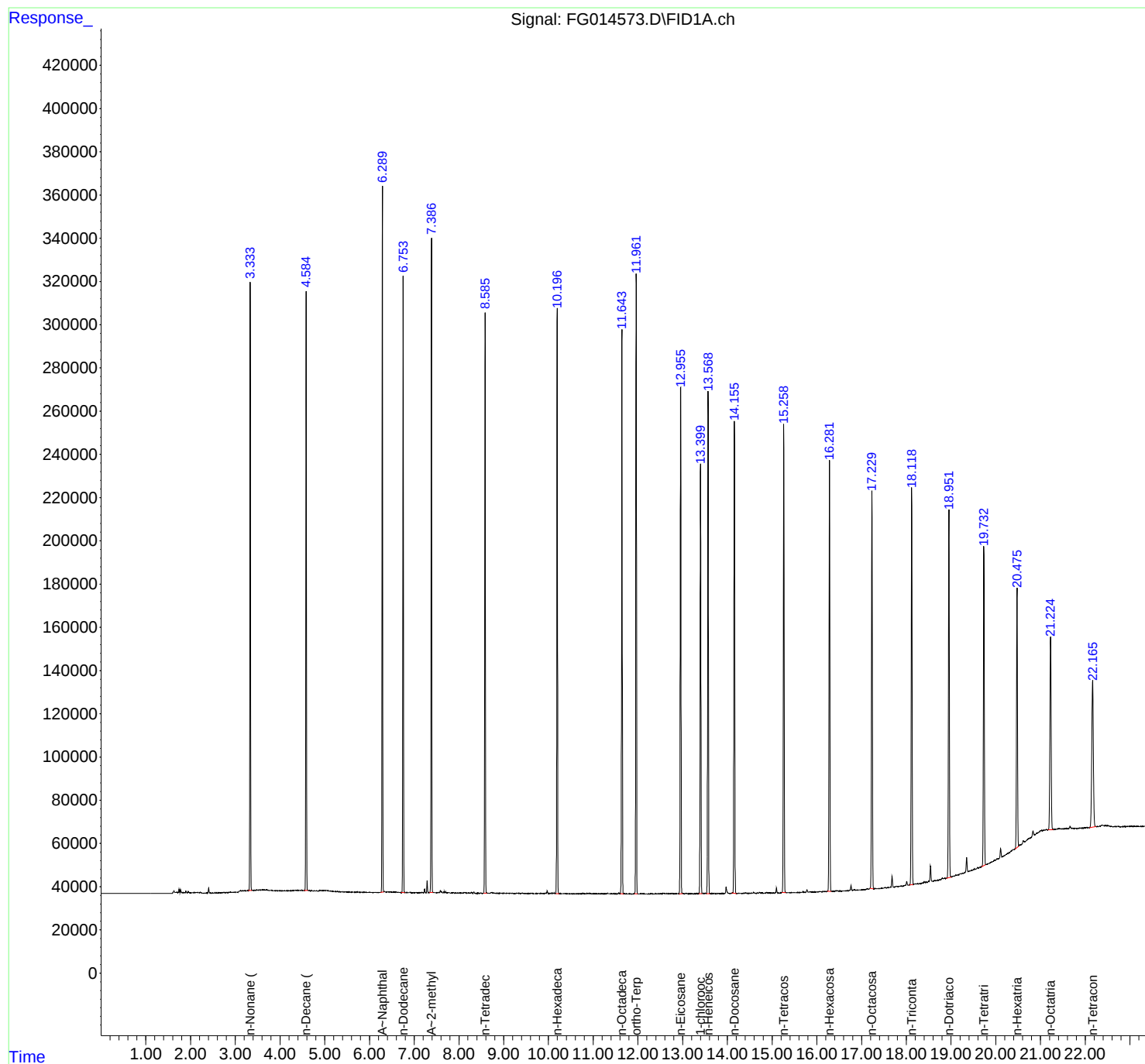
(m)=manual int.

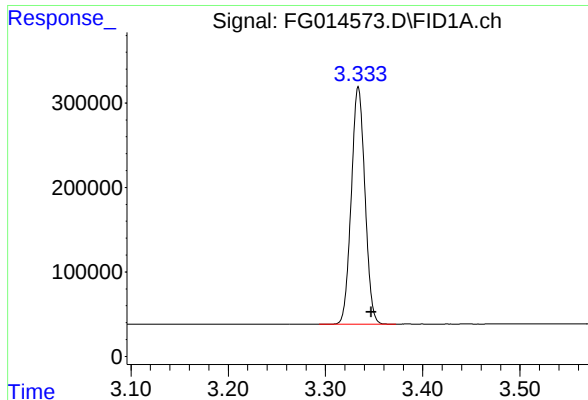
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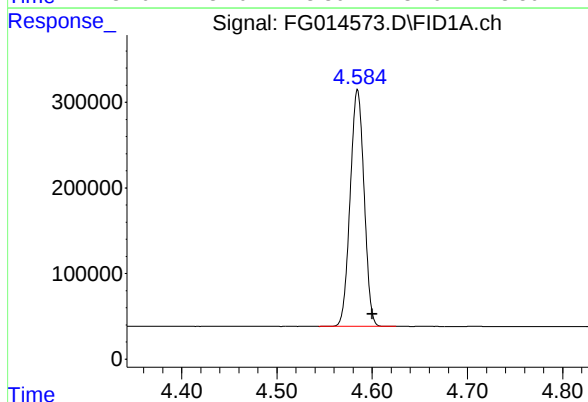




#1 n-Nonane (C9)

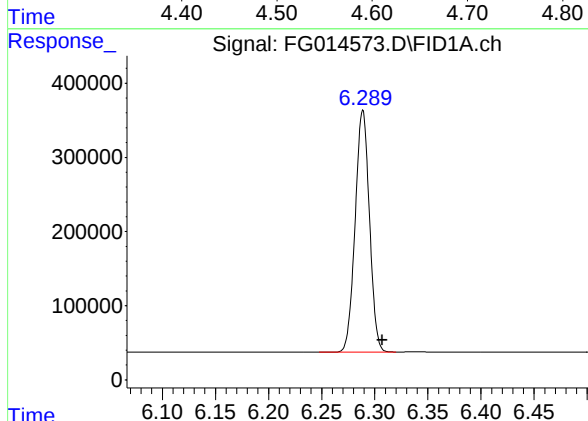
R.T.: 3.334 min
Delta R.T.: -0.013 min
Response: 2737083
Conc: 21.15 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



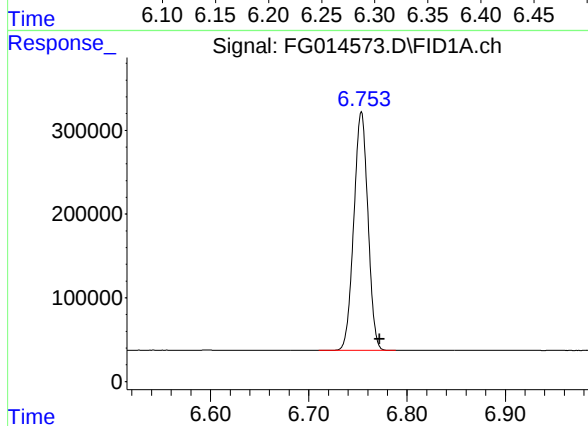
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.015 min
Response: 2803812
Conc: 21.28 ug/ml



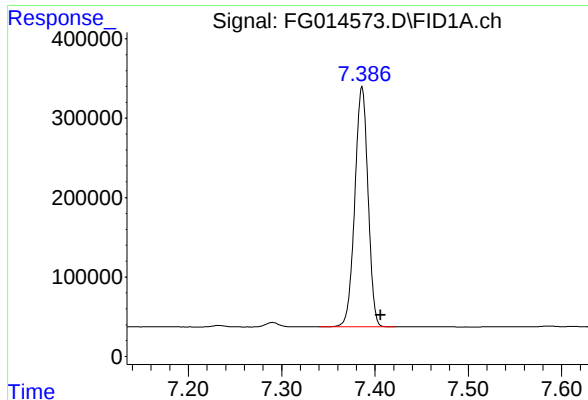
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.018 min
Response: 3050785
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

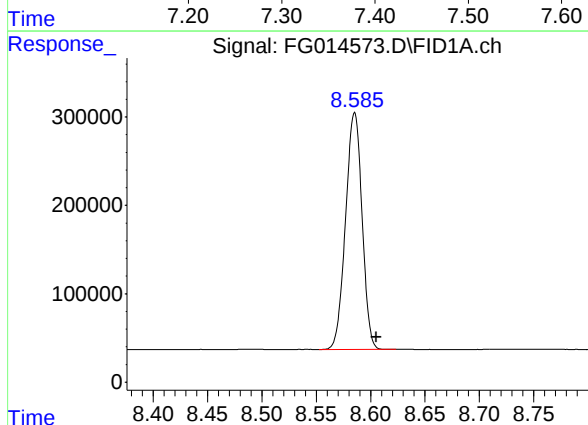
R.T.: 6.754 min
Delta R.T.: -0.018 min
Response: 2845159
Conc: 21.42 ug/ml



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

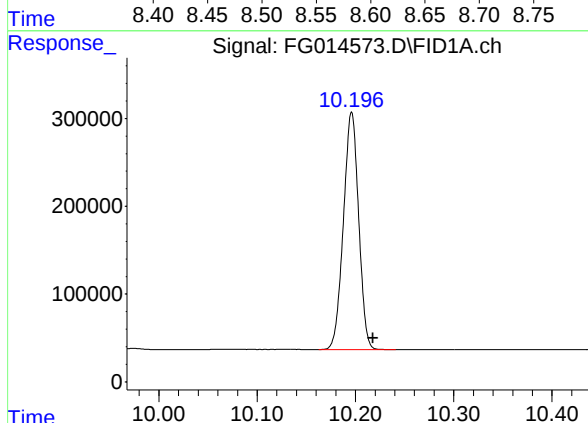
R.T.: 7.386 min
Delta R.T.: -0.020 min
Response: 2971174
Conc: 21.30 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



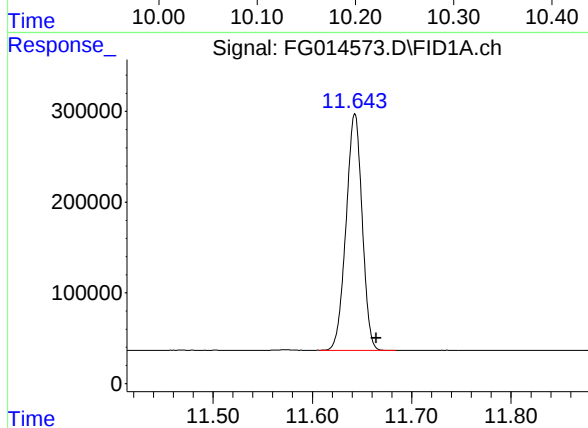
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.020 min
Response: 2830467
Conc: 21.33 ug/ml



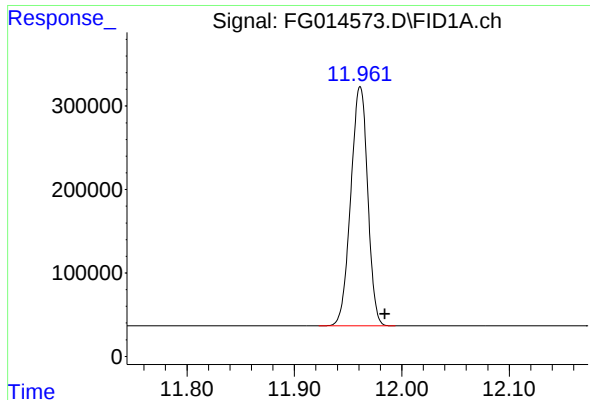
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.021 min
Response: 2917405
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

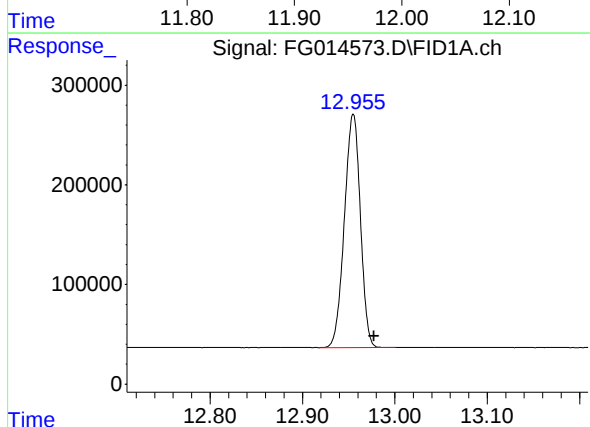
R.T.: 11.643 min
Delta R.T.: -0.022 min
Response: 2934400
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

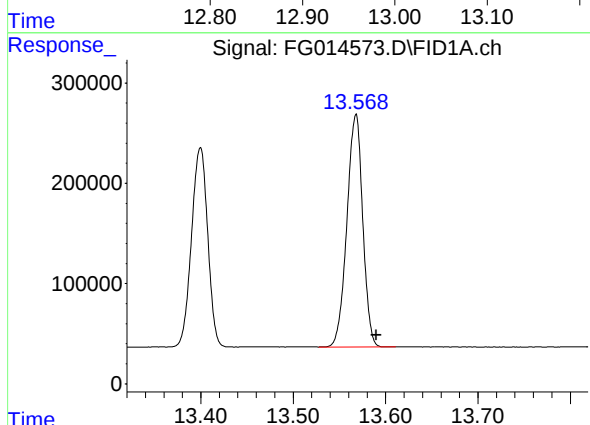
R.T.: 11.961 min
Delta R.T.: -0.023 min
Response: 3140601
Conc: 20.49 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



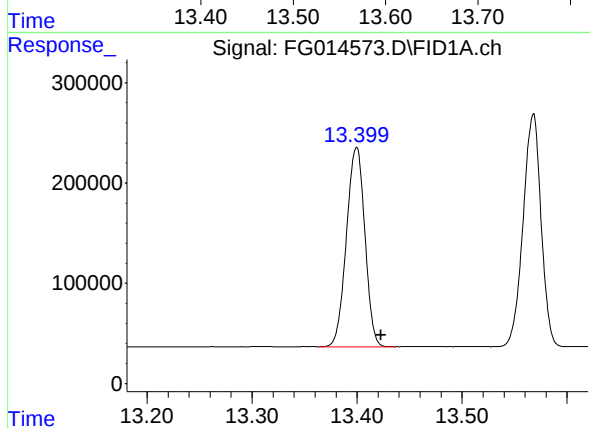
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.022 min
Response: 2814123
Conc: 20.01 ug/ml



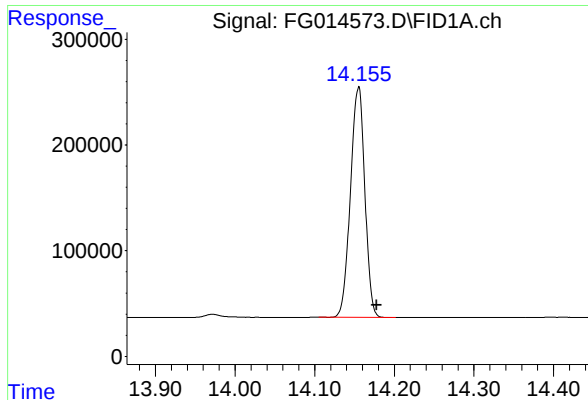
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.022 min
Response: 2762452
Conc: 19.74 ug/ml



#12 1-chlorooctadecane (SURR)

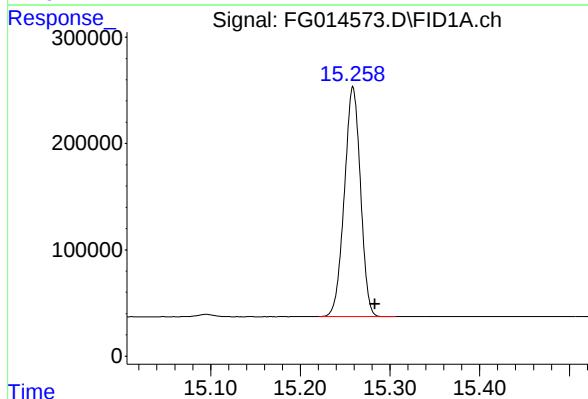
R.T.: 13.400 min
Delta R.T.: -0.023 min
Response: 2425001
Conc: 19.75 ug/ml



#13 n-Docosane (C22)

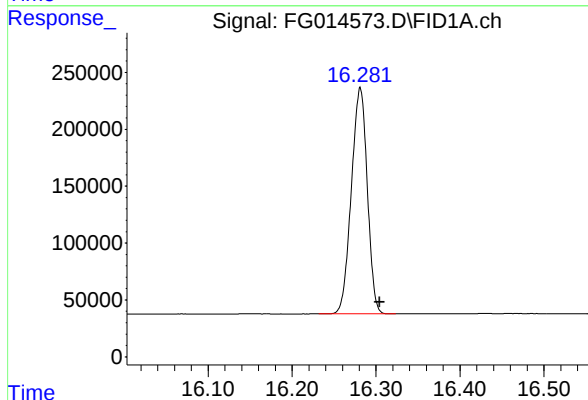
R.T.: 14.155 min
Delta R.T.: -0.023 min
Response: 2736458
Conc: 19.45 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



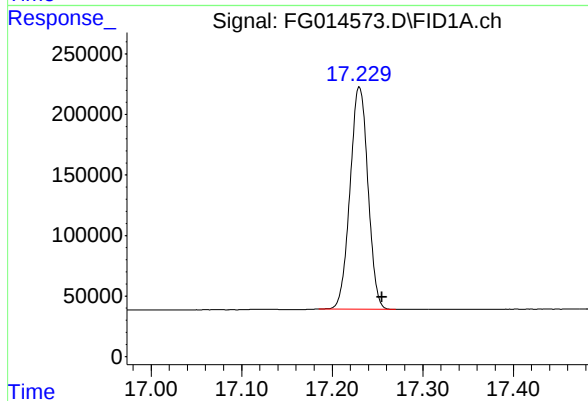
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.025 min
Response: 2701600
Conc: 18.99 ug/ml



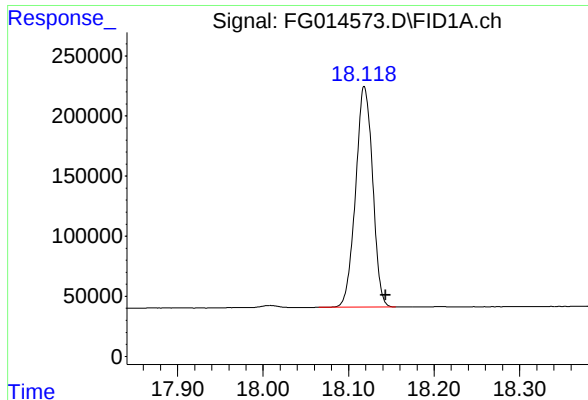
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: -0.023 min
Response: 2620331
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

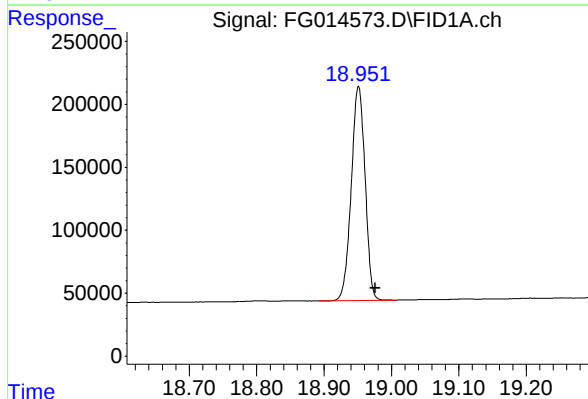
R.T.: 17.230 min
Delta R.T.: -0.025 min
Response: 2526399
Conc: 18.28 ug/ml



#17 n-Tricontane (C30)

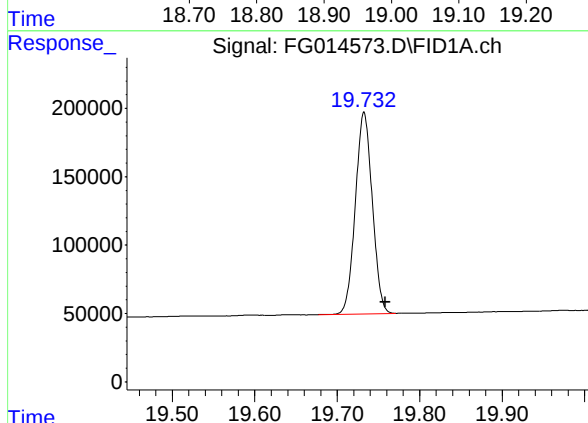
R.T.: 18.118 min
Delta R.T.: -0.025 min
Response: 2542780
Conc: 18.35 ug/ml

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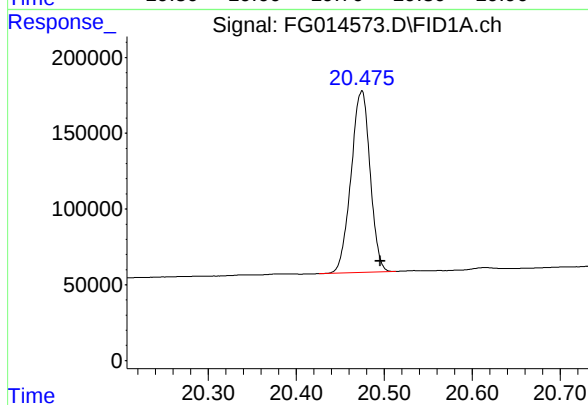
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.025 min
Response: 2426104
Conc: 18.53 ug/ml



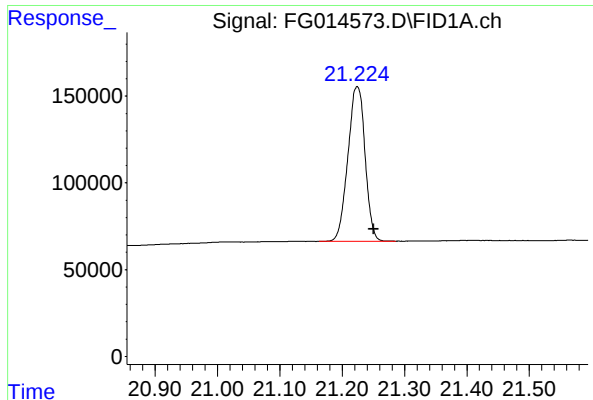
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.026 min
Response: 2099556
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

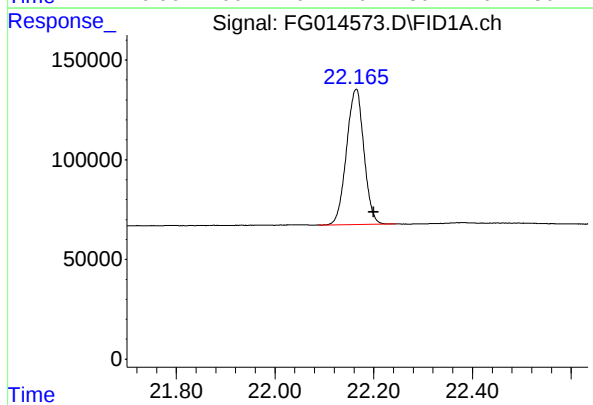
R.T.: 20.475 min
Delta R.T.: -0.021 min
Response: 1805573
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.026 min
Response: 1705438
Conc: 20.41 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: -0.036 min
Response: 1660505
Conc: 21.84 ug/ml