

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110424AL\
 Data File : FG014635.D
 Signal(s) : FID1A.ch
 Acq On : 04 Nov 2024 10:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 05 00:35:56 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)	11.958	3245616	21.176 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
12) S 1-chlorooctadecane (S...	13.397	2473185	20.141 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
Target Compounds			
1) T n-Nonane (C9)	3.328	2827741	21.851 ug/ml
2) T n-Decane (C10)	4.578	2902986	22.031 ug/ml
3) T A~Naphthalene (C11.7)	6.284	3128332	21.808 ug/ml
4) T n-Dodecane (C12)	6.749	2952692	22.227 ug/ml
5) T A~2-methylnaphthalene...	7.382	3031292	21.728 ug/ml
6) T n-Tetradecane (C14)	8.581	2945358	22.199 ug/ml
7) T n-Hexadecane (C16)	10.192	3043509	21.902 ug/ml
8) T n-Octadecane (C18)	11.639	3069382	21.440 ug/ml
10) T n-Eicosane (C20)	12.950	2935994	20.878 ug/ml
11) T n-Heneicosane (C21)	13.565	2877763	20.560 ug/ml
13) T n-Docosane (C22)	14.151	2854294	20.290 ug/ml
14) T n-Tetracosane (C24)	15.256	2792001	19.621 ug/ml
15) T n-Hexacosane (C26)	16.279	2689004	19.051 ug/ml
16) T n-Octacosane (C28)	17.229	2601483	18.823 ug/ml
17) T n-Tricontane (C30)	18.117	2648224	19.107 ug/ml
18) T n-Dotriacontane (C32)	18.951	2529763	19.322 ug/ml
19) T n-Tetratriacontane (C34)	19.734	2177466	19.454 ug/ml
20) T n-Hexatriacontane (C36)	20.475	1843695	19.808 ug/ml
21) T n-Octatriacontane (C38)	21.225	1662818	19.903 ug/ml
22) T n-Tetracontane (C40)	22.166	1662368	21.861 ug/ml

(f)=RT Delta > 1/2 Window

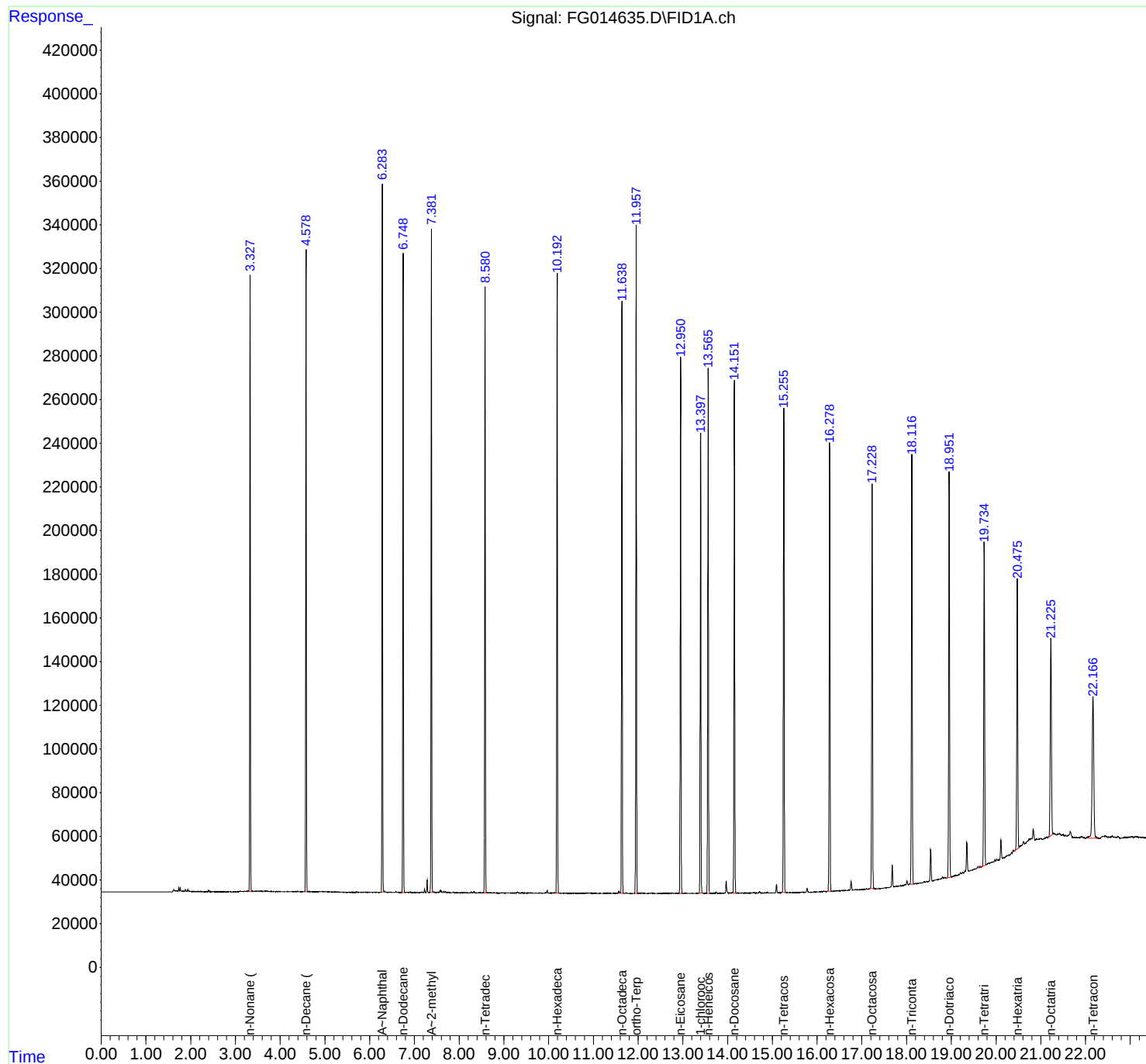
(m)=manual int.

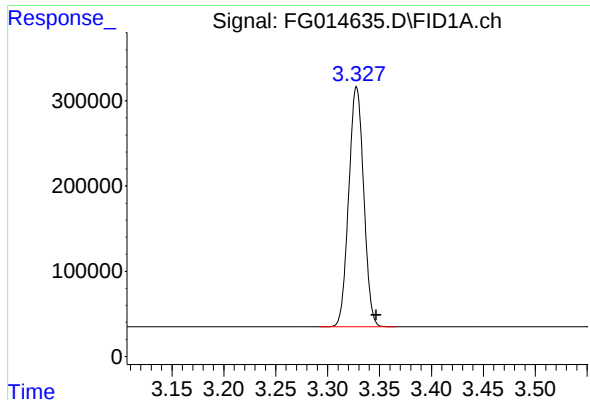
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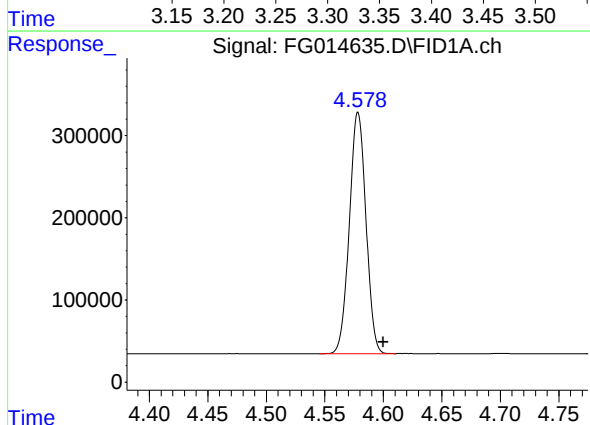




#1 n-Nonane (C9)

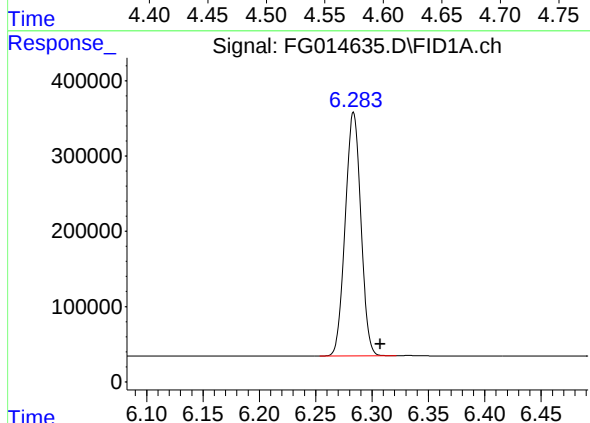
R.T.: 3.328 min
Delta R.T.: -0.019 min
Response: 2827741
Conc: 21.85 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



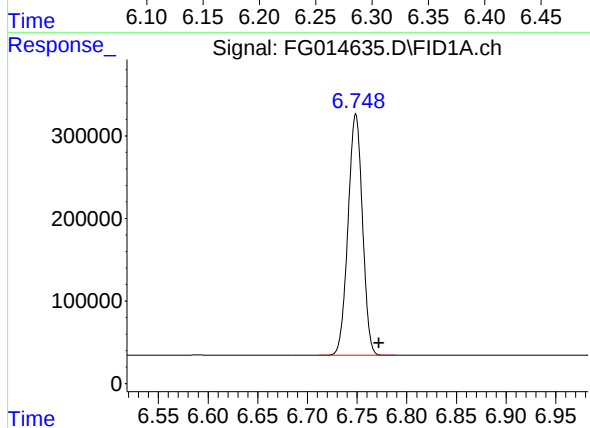
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.022 min
Response: 2902986
Conc: 22.03 ug/ml



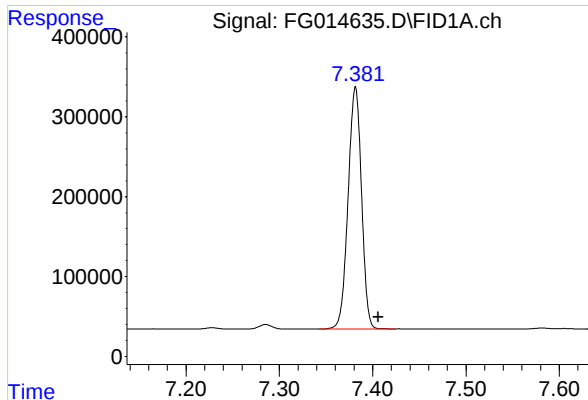
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.023 min
Response: 3128332
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

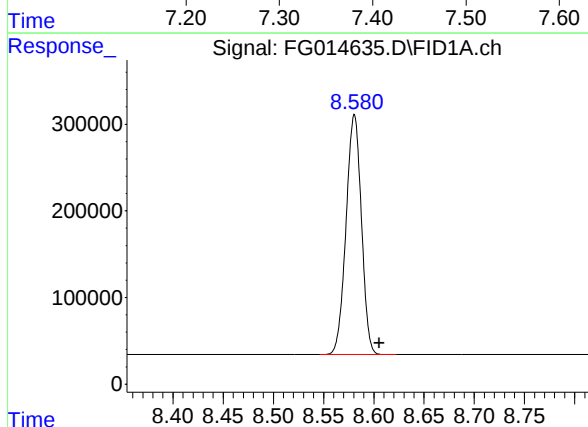
R.T.: 6.749 min
Delta R.T.: -0.023 min
Response: 2952692
Conc: 22.23 ug/ml



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

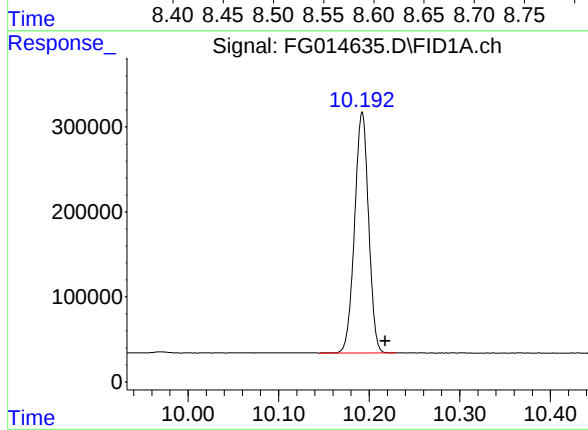
R.T.: 7.382 min
Delta R.T.: -0.024 min
Response: 3031292
Conc: 21.73 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



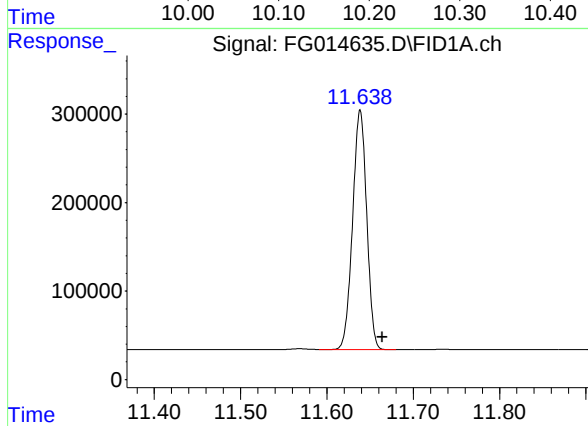
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: -0.025 min
Response: 2945358
Conc: 22.20 ug/ml



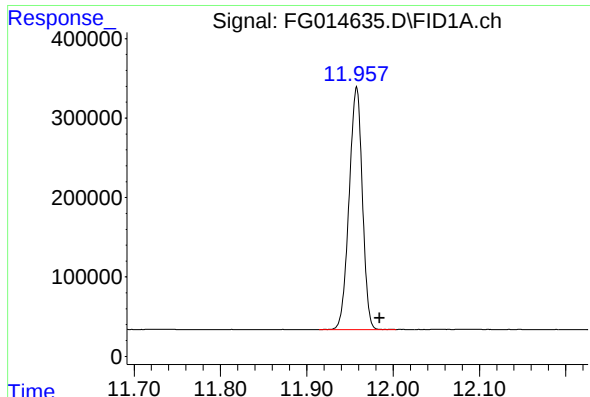
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.025 min
Response: 3043509
Conc: 21.90 ug/ml



#8 n-Octadecane (C18)

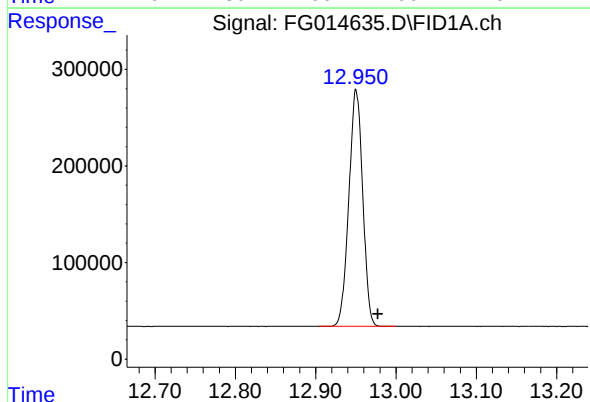
R.T.: 11.639 min
Delta R.T.: -0.026 min
Response: 3069382
Conc: 21.44 ug/ml



#9 ortho-Terphenyl (SURR)

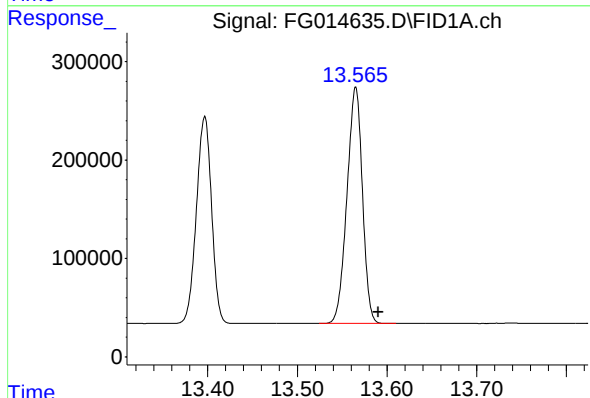
R.T.: 11.958 min
Delta R.T.: -0.026 min
Response: 3245616
Conc: 21.18 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



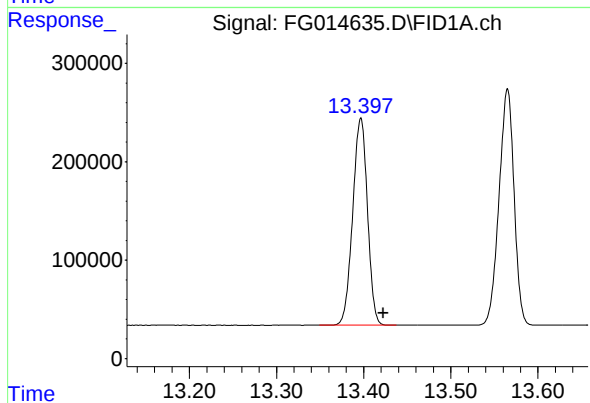
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.027 min
Response: 2935994
Conc: 20.88 ug/ml



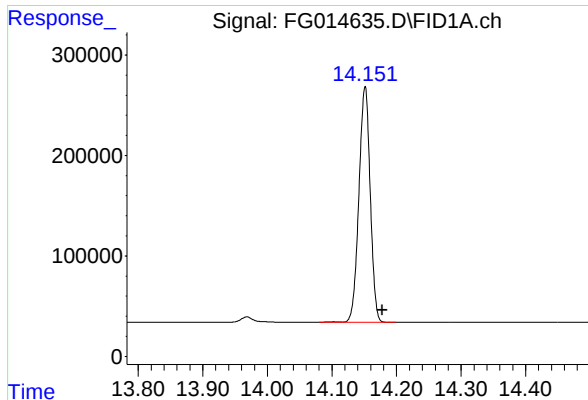
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.025 min
Response: 2877763
Conc: 20.56 ug/ml



#12 1-chlorooctadecane (SURR)

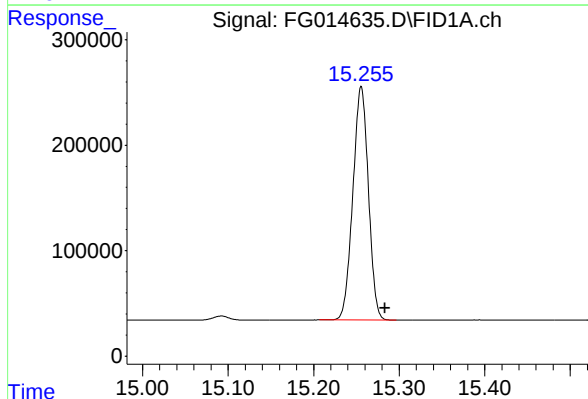
R.T.: 13.397 min
Delta R.T.: -0.026 min
Response: 2473185
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

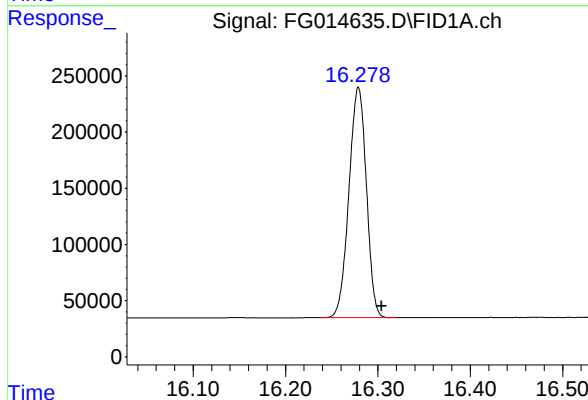
R.T.: 14.151 min
Delta R.T.: -0.027 min
Response: 2854294
Conc: 20.29 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



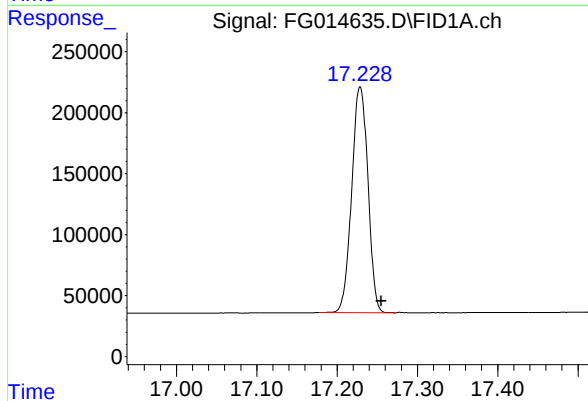
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.028 min
Response: 2792001
Conc: 19.62 ug/ml



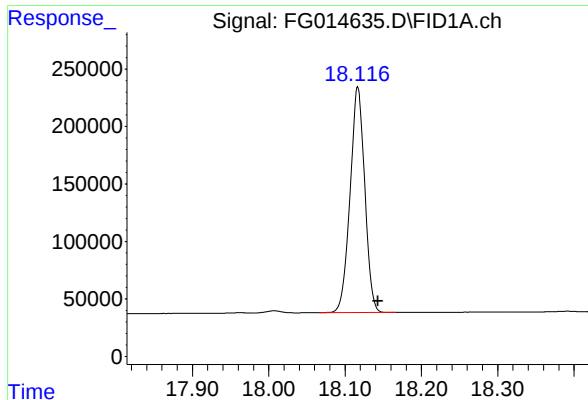
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.025 min
Response: 2689004
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

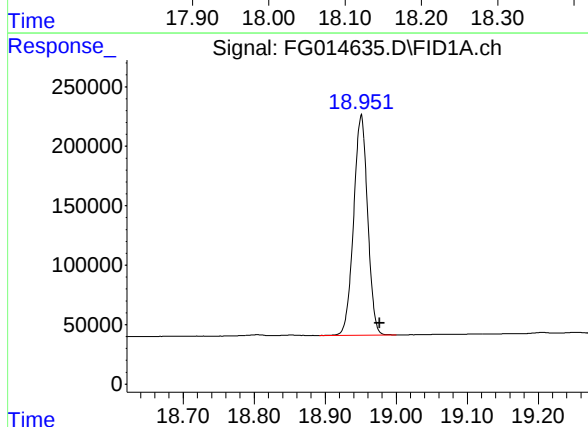
R.T.: 17.229 min
Delta R.T.: -0.026 min
Response: 2601483
Conc: 18.82 ug/ml



#17 n-Tricontane (C30)

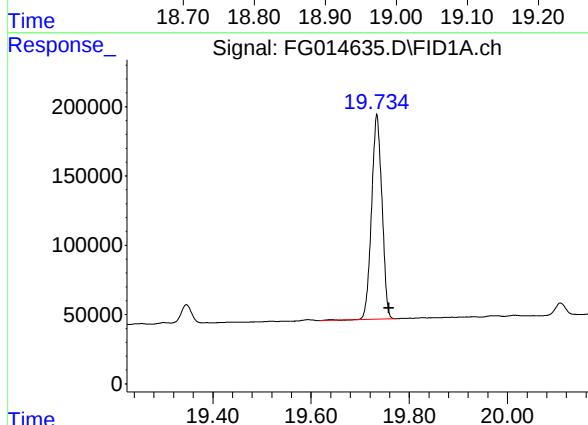
R.T.: 18.117 min
Delta R.T.: -0.027 min
Response: 2648224
Conc: 19.11 ug/ml

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20 PPM ALIPHATIC HC STD



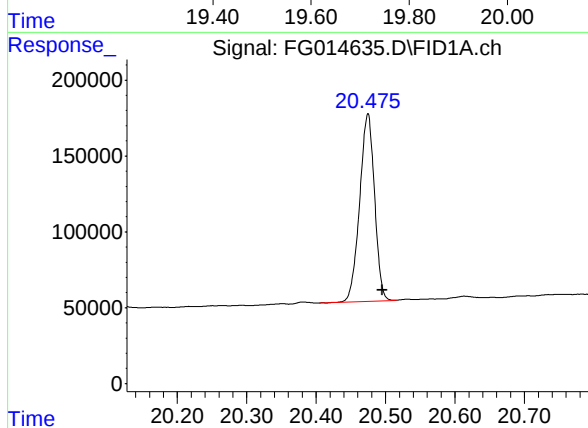
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.026 min
Response: 2529763
Conc: 19.32 ug/ml



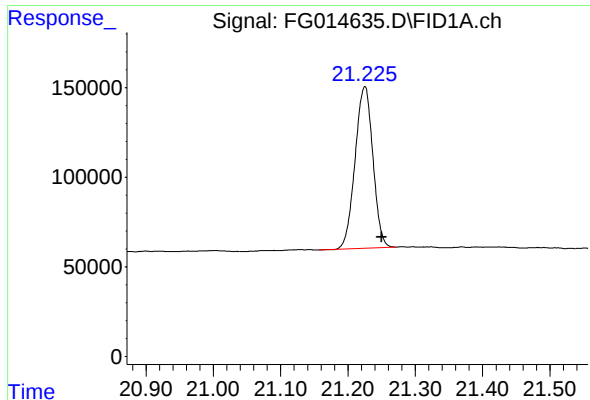
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.024 min
Response: 2177466
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

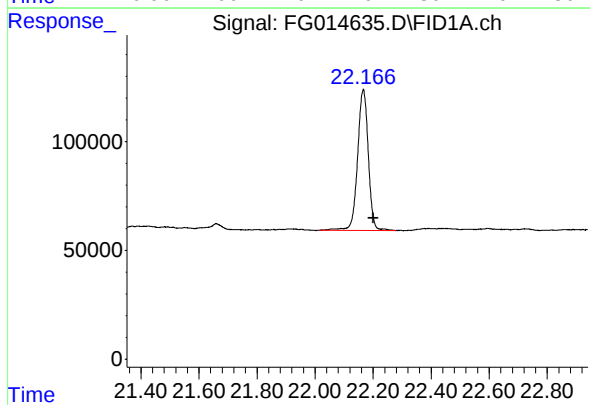
R.T.: 20.475 min
Delta R.T.: -0.021 min
Response: 1843695
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: -0.025 min
Response: 1662818
Conc: 19.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.166 min
Delta R.T.: -0.034 min
Response: 1662368
Conc: 21.86 ug/ml