

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091824AL\
 Data File : FG014270.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 23:14
 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: Sep 19 03:23:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:16:16 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)	11.816	2845157	21.075 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
12) S 1-chlorooctadecane (S...	13.263	2214337	21.180 ug/ml
Spiked Amount 50.000		Recovery =	42.36%
Target Compounds			
1) T n-Nonane (C9)	3.196	2492316	20.677 ug/ml
2) T n-Decane (C10)	4.445	2530075	20.636 ug/ml
3) T A~Naphthalene (C11.7)	6.145	2617045	21.187 ug/ml
4) T n-Dodecane (C12)	6.616	2528259	20.846 ug/ml
5) T A~2-methylnaphthalene...	7.244	2374230	21.902 ug/ml
6) T n-Tetradecane (C14)	8.449	2529200	21.250 ug/ml
7) T n-Hexadecane (C16)	10.061	2607281	20.890 ug/ml
8) T n-Octadecane (C18)	11.507	2673273	21.031 ug/ml
10) T n-Eicosane (C20)	12.819	2581103	21.038 ug/ml
11) T n-Heneicosane (C21)	13.432	2544111	21.087 ug/ml
13) T n-Docosane (C22)	14.020	2526548	21.080 ug/ml
14) T n-Tetracosane (C24)	15.127	2518345	21.151 ug/ml
15) T n-Hexacosane (C26)	16.151	2473201	21.214 ug/ml
16) T n-Octacosane (C28)	17.102	2417496	21.260 ug/ml
17) T n-Tricontane (C30)	17.993	2450545	21.225 ug/ml
18) T n-Dotriacontane (C32)	18.827	2346393	21.099 ug/ml
19) T n-Tetratriacontane (C34)	19.612	2043774	20.957 ug/ml
20) T n-Hexatriacontane (C36)	20.354	1755890	19.662 ug/ml
21) T n-Octatriacontane (C38)	21.082	1655912	20.512 ug/ml
22) T n-Tetracontane (C40)	21.978	1631465	20.042 ug/ml

(f)=RT Delta > 1/2 Window

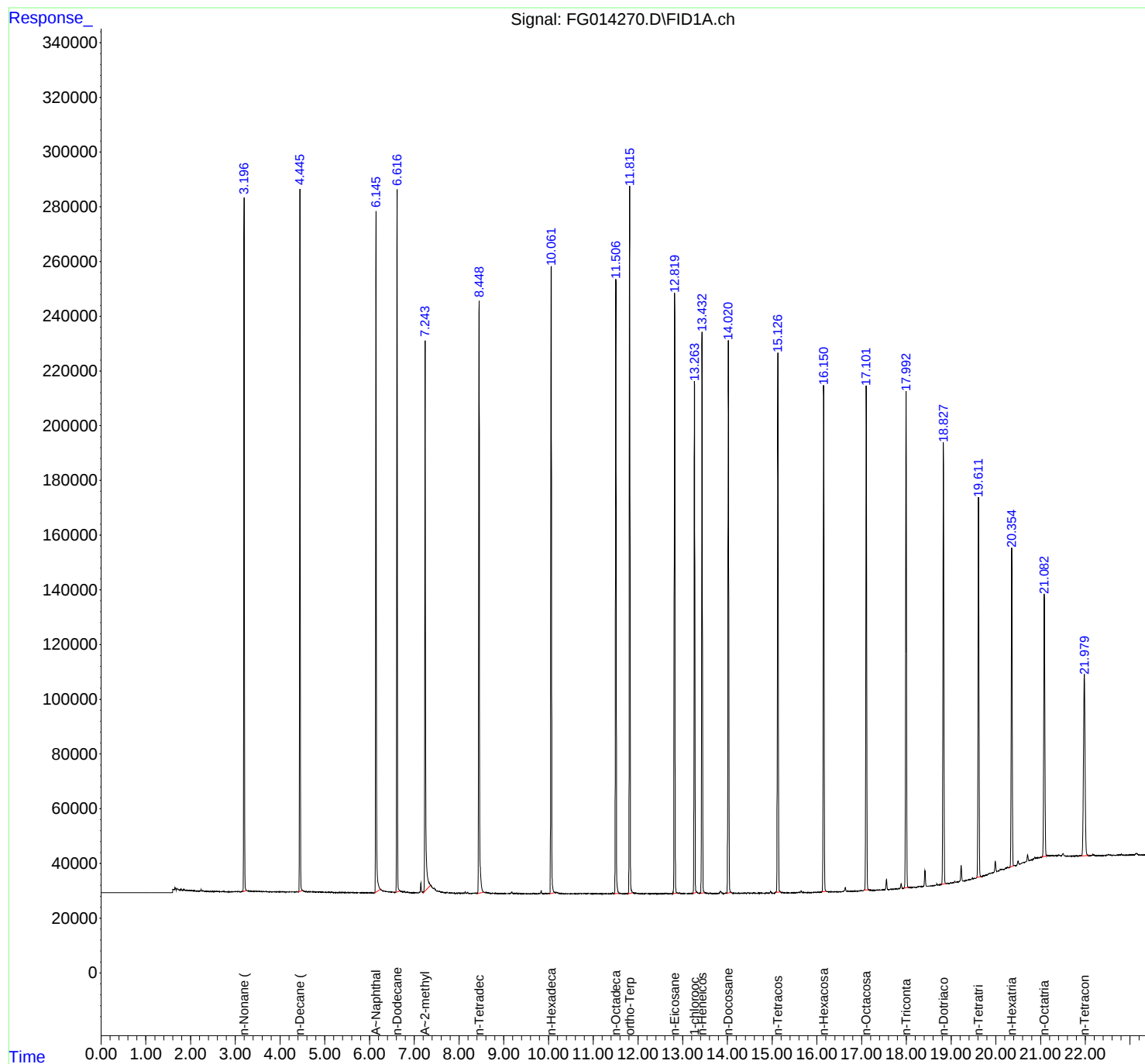
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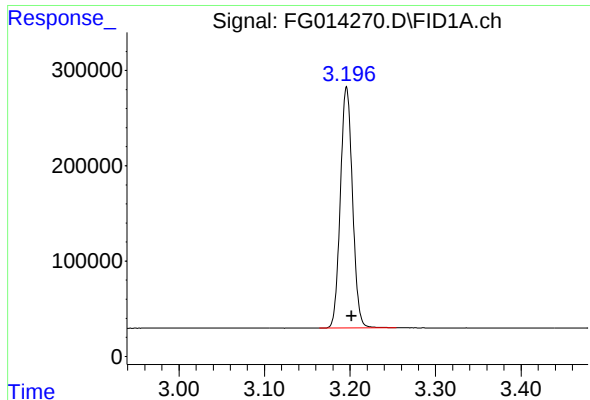
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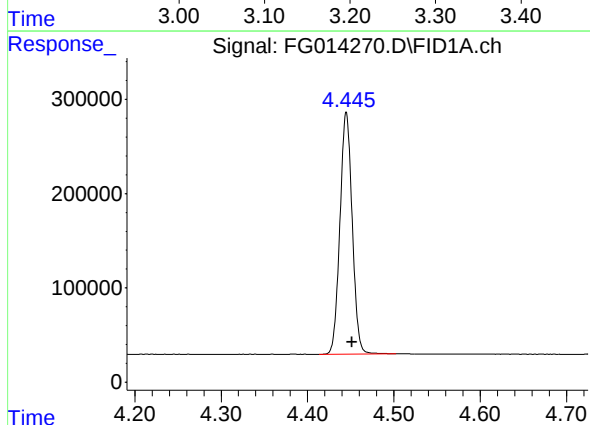




#1 n-Nonane (C9)

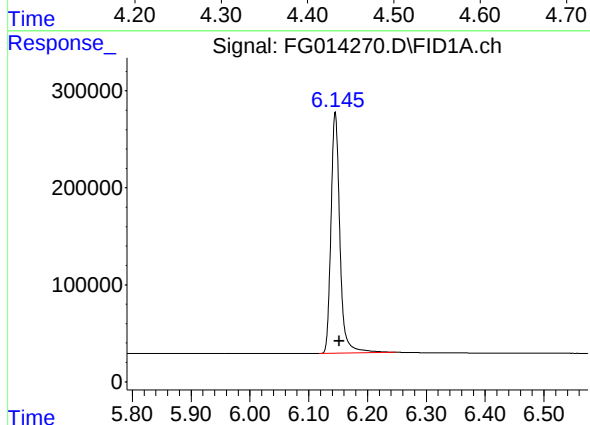
R.T.: 3.196 min
Delta R.T.: -0.006 min
Response: 2492316
Conc: 20.68 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



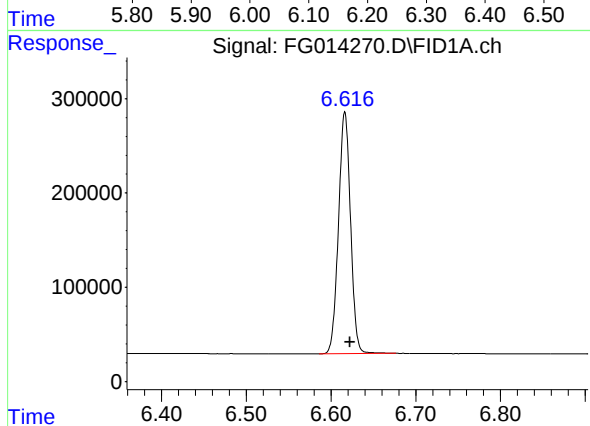
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.006 min
Response: 2530075
Conc: 20.64 ug/ml



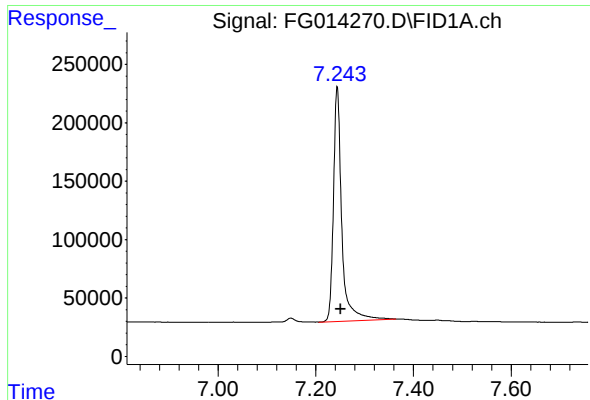
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: -0.007 min
Response: 2617045
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

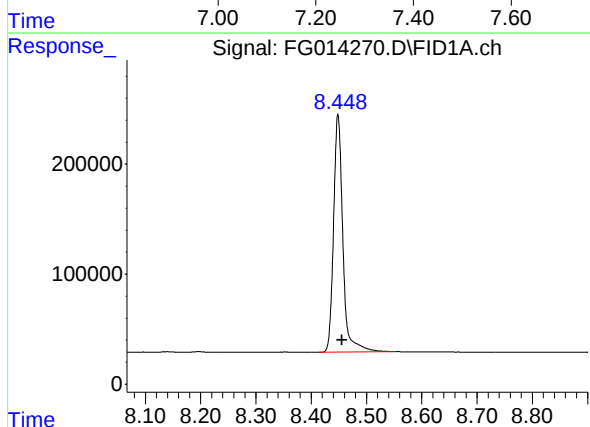
R.T.: 6.616 min
Delta R.T.: -0.006 min
Response: 2528259
Conc: 20.85 ug/ml



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

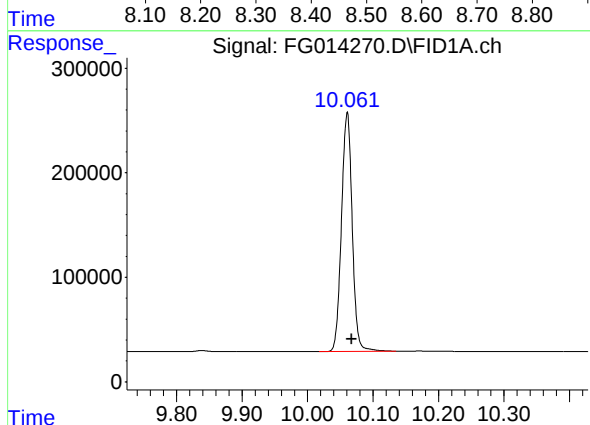
R.T.: 7.244 min
Delta R.T.: -0.007 min
Response: 2374230
Conc: 21.90 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



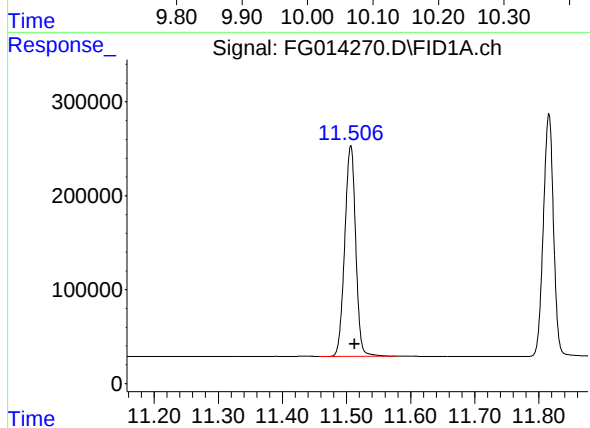
#6 n-Tetradecane (C14)

R.T.: 8.449 min
Delta R.T.: -0.007 min
Response: 2529200
Conc: 21.25 ug/ml



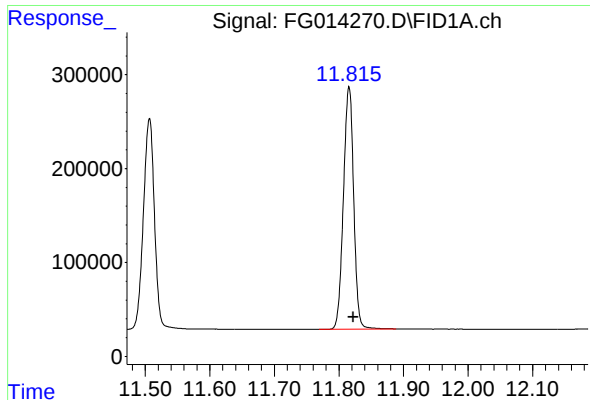
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.007 min
Response: 2607281
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

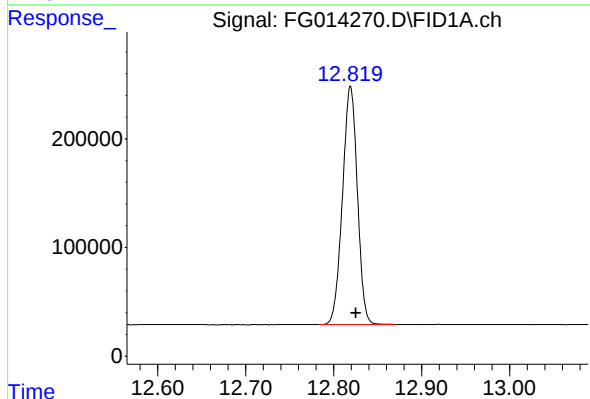
R.T.: 11.507 min
Delta R.T.: -0.006 min
Response: 2673273
Conc: 21.03 ug/ml



#9 ortho-Terphenyl (SURR)

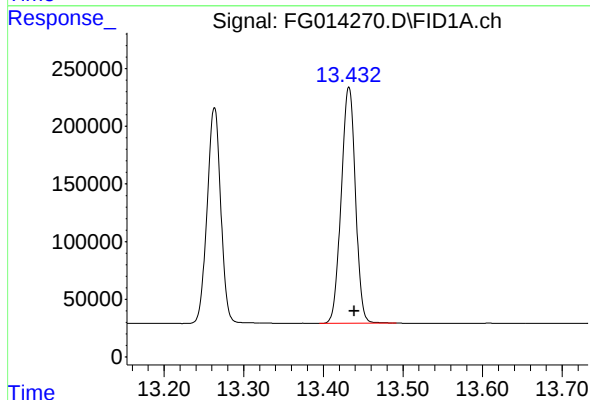
R.T.: 11.816 min
Delta R.T.: -0.007 min
Response: 2845157
Conc: 21.08 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



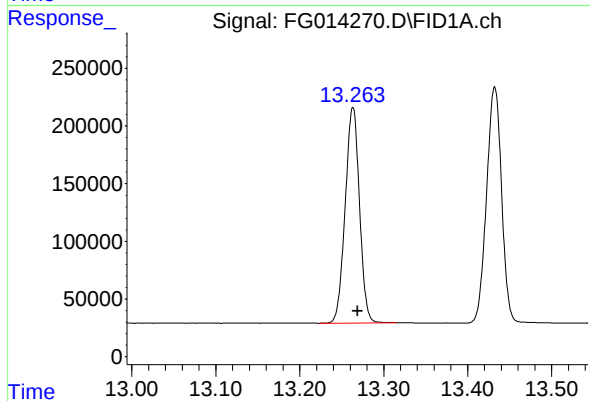
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.006 min
Response: 2581103
Conc: 21.04 ug/ml



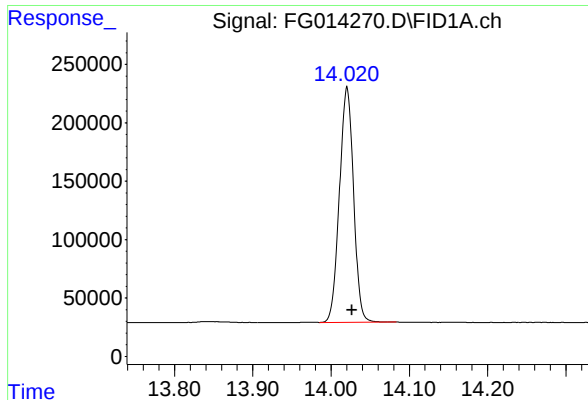
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: -0.007 min
Response: 2544111
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

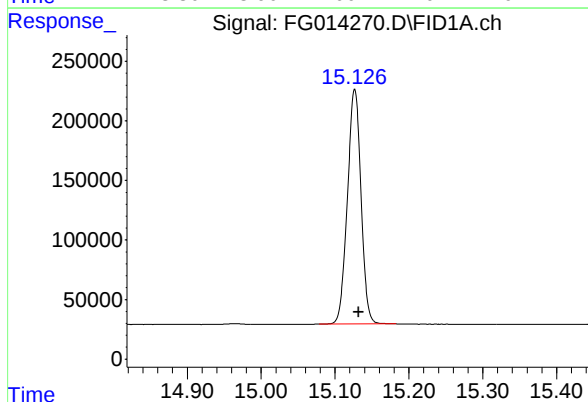
R.T.: 13.263 min
Delta R.T.: -0.006 min
Response: 2214337
Conc: 21.18 ug/ml



#13 n-Docosane (C22)

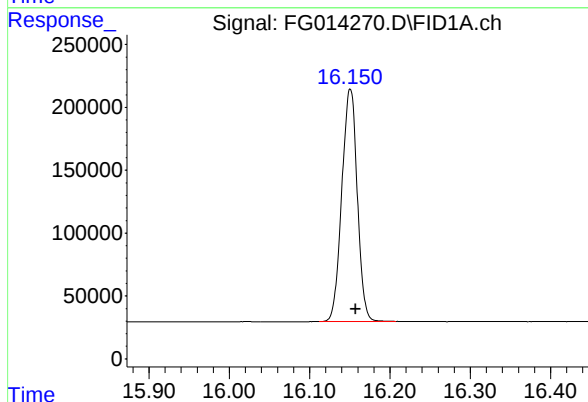
R.T.: 14.020 min
Delta R.T.: -0.006 min
Response: 2526548
Conc: 21.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



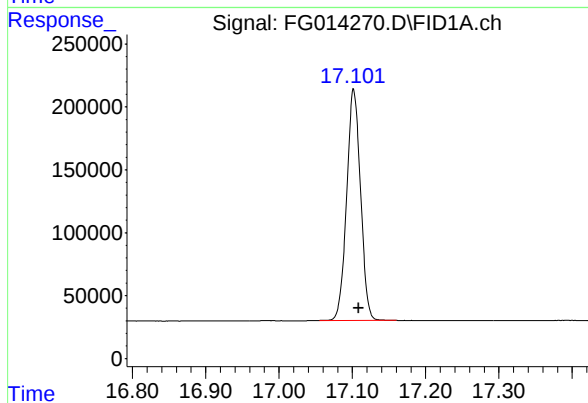
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.005 min
Response: 2518345
Conc: 21.15 ug/ml



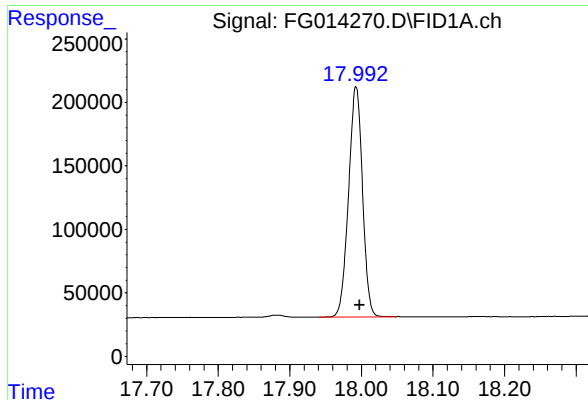
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.006 min
Response: 2473201
Conc: 21.21 ug/ml



#16 n-Octacosane (C28)

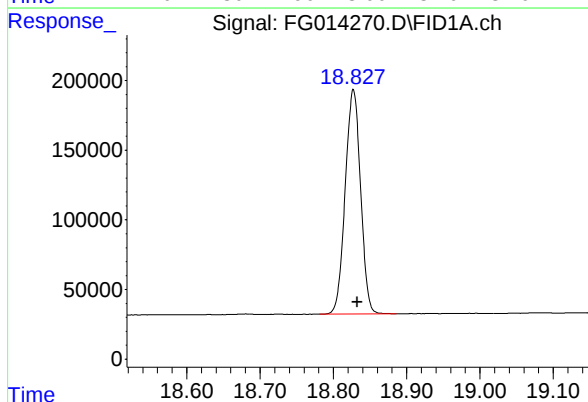
R.T.: 17.102 min
Delta R.T.: -0.007 min
Response: 2417496
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

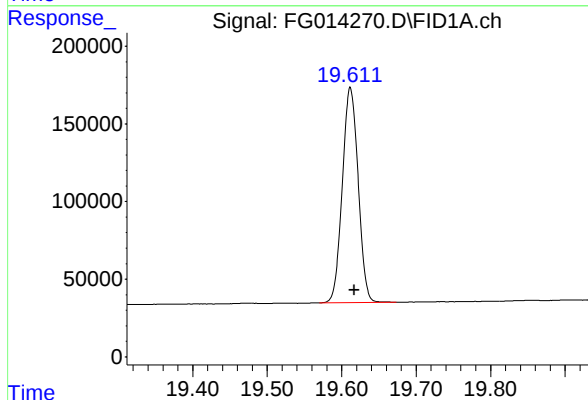
R.T.: 17.993 min
Delta R.T.: -0.005 min
Response: 2450545
Conc: 21.23 ug/ml

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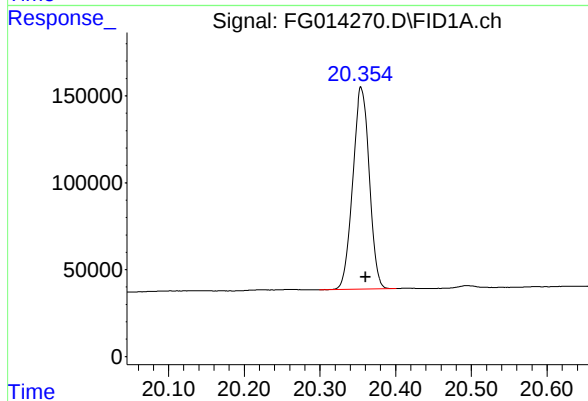
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.006 min
Response: 2346393
Conc: 21.10 ug/ml



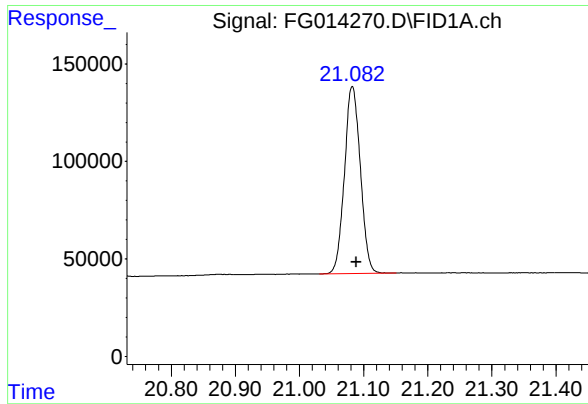
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.005 min
Response: 2043774
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

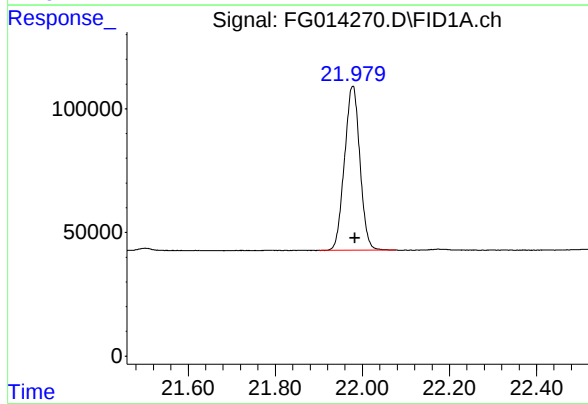
R.T.: 20.354 min
Delta R.T.: -0.006 min
Response: 1755890
Conc: 19.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.006 min
Response: 1655912
Conc: 20.51 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: -0.005 min
Response: 1631465
Conc: 20.04 ug/ml