

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102924AL\
 Data File : FG014544.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2024 08:18
 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 06:12:01 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)	11.969	3214519	20.973 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
12) S 1-chlorooctadecane (S...	13.408	2453074	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T n-Nonane (C9)	3.336	2789536	21.555 ug/ml
2) T n-Decane (C10)	4.588	2855186	21.668 ug/ml
3) T A~Naphthalene (C11.7)	6.294	3102488	21.628 ug/ml
4) T n-Dodecane (C12)	6.759	2901181	21.839 ug/ml
5) T A~2-methylnaphthalene...	7.392	3019723	21.646 ug/ml
6) T n-Tetradecane (C14)	8.591	2888600	21.771 ug/ml
7) T n-Hexadecane (C16)	10.204	2979789	21.443 ug/ml
8) T n-Octadecane (C18)	11.650	2993493	20.910 ug/ml
10) T n-Eicosane (C20)	12.961	2869313	20.404 ug/ml
11) T n-Heneicosane (C21)	13.575	2814678	20.110 ug/ml
13) T n-Docosane (C22)	14.162	2783901	19.790 ug/ml
14) T n-Tetracosane (C24)	15.266	2759829	19.395 ug/ml
15) T n-Hexacosane (C26)	16.288	2642885	18.724 ug/ml
16) T n-Octacosane (C28)	17.238	2547130	18.430 ug/ml
17) T n-Tricontane (C30)	18.125	2505254	18.075 ug/ml
18) T n-Dotriacontane (C32)	18.958	2389473	18.251 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2046894	18.287 ug/ml
20) T n-Hexatriacontane (C36)	20.479	1734213	18.632 ug/ml
21) T n-Octatriacontane (C38)	21.229	1652261	19.776 ug/ml
22) T n-Tetracontane (C40)	22.171	1562206	20.544 ug/ml

(f)=RT Delta > 1/2 Window

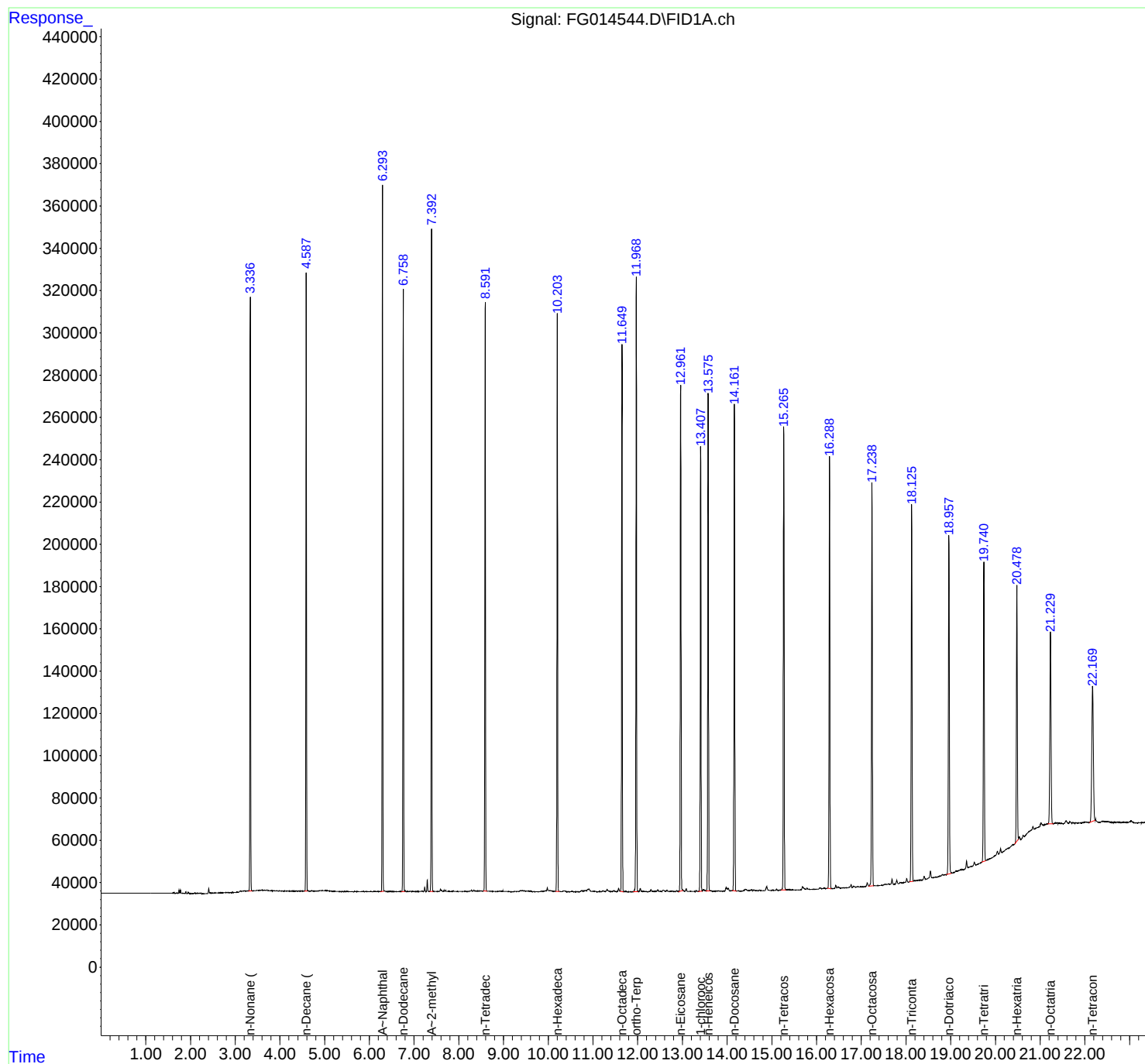
(m)=manual int.

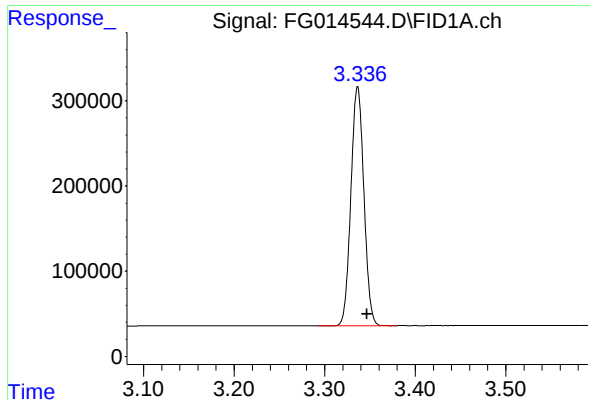
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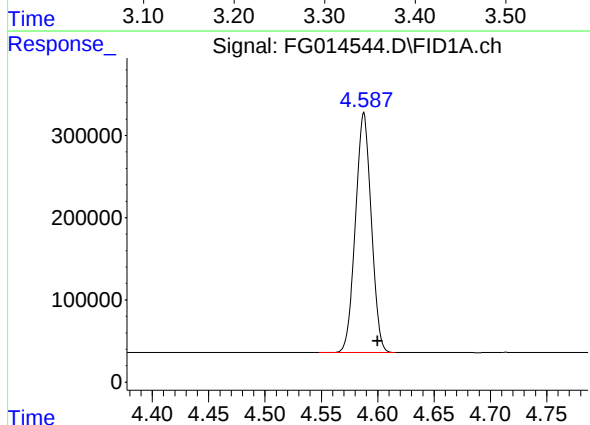




#1 n-Nonane (C9)

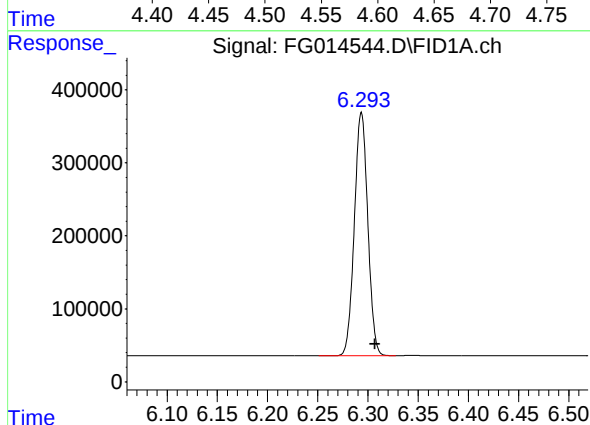
R.T.: 3.336 min
Delta R.T.: -0.011 min
Response: 2789536
Conc: 21.56 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



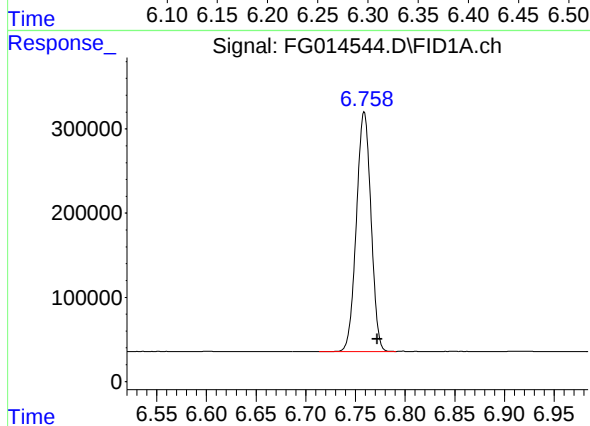
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.012 min
Response: 2855186
Conc: 21.67 ug/ml



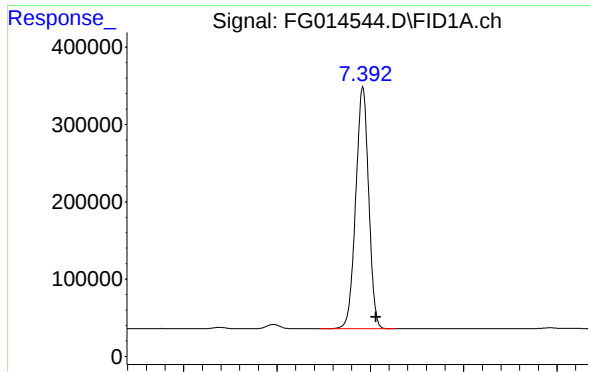
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.014 min
Response: 3102488
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

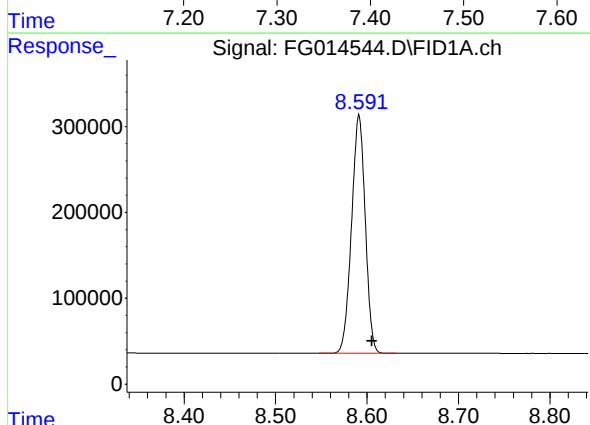
R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 2901181
Conc: 21.84 ug/ml



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

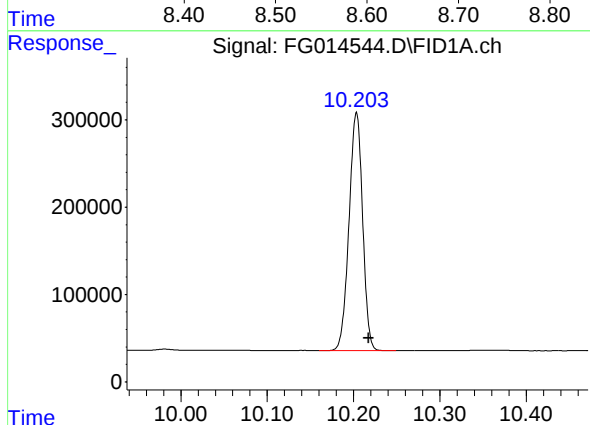
R.T.: 7.392 min
Delta R.T.: -0.014 min
Response: 3019723
Conc: 21.65 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



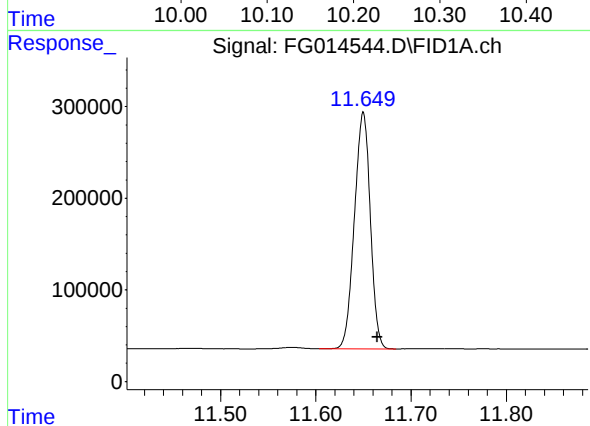
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.014 min
Response: 2888600
Conc: 21.77 ug/ml



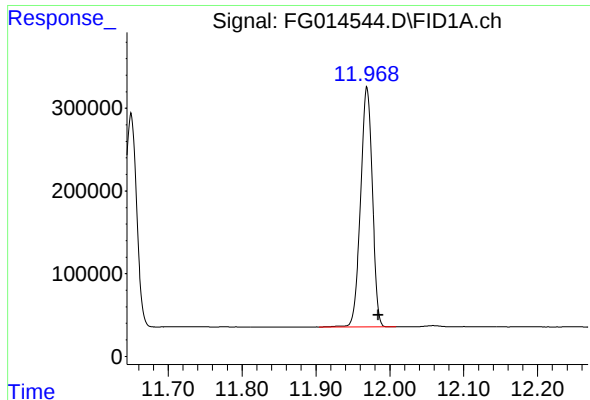
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.014 min
Response: 2979789
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

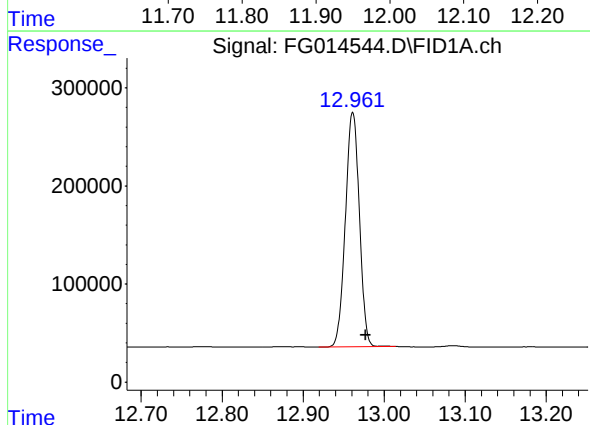
R.T.: 11.650 min
Delta R.T.: -0.015 min
Response: 2993493
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

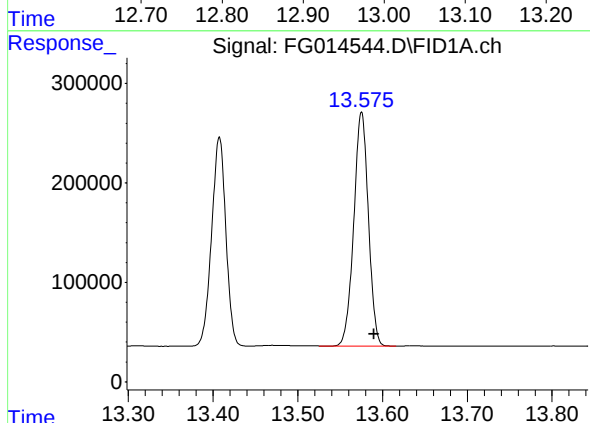
R.T.: 11.969 min
Delta R.T.: -0.015 min
Response: 3214519
Conc: 20.97 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



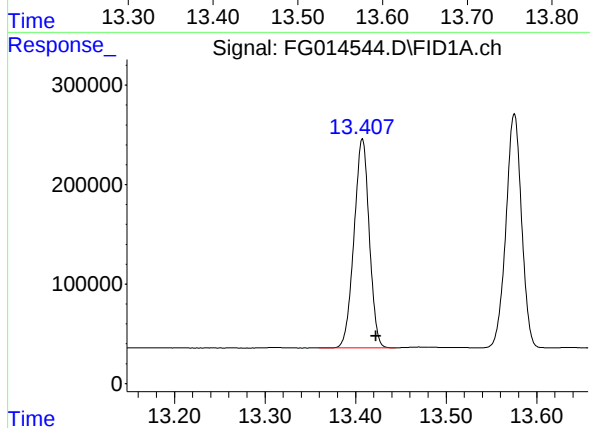
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.016 min
Response: 2869313
Conc: 20.40 ug/ml



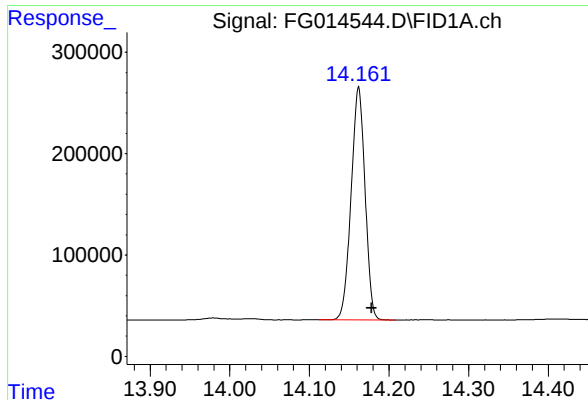
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.015 min
Response: 2814678
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

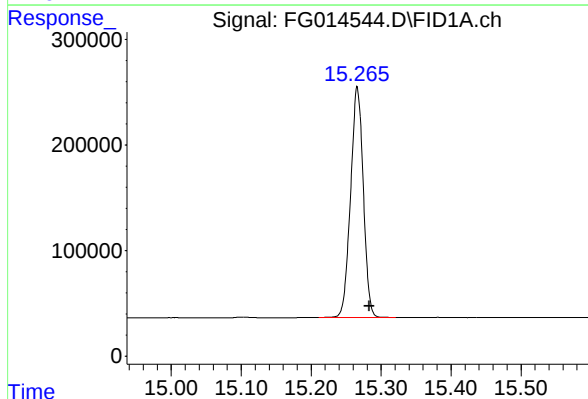
R.T.: 13.408 min
Delta R.T.: -0.015 min
Response: 2453074
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

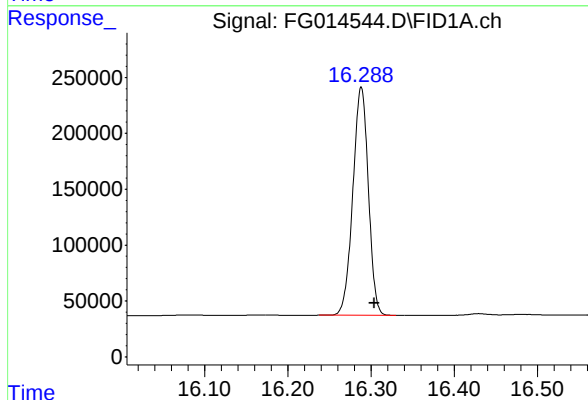
R.T.: 14.162 min
Delta R.T.: -0.016 min
Response: 2783901
Conc: 19.79 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



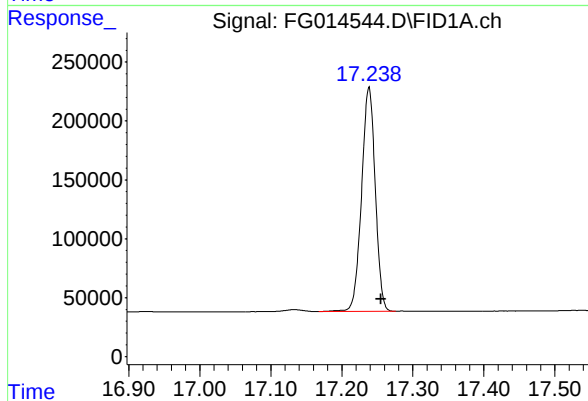
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: -0.018 min
Response: 2759829
Conc: 19.40 ug/ml



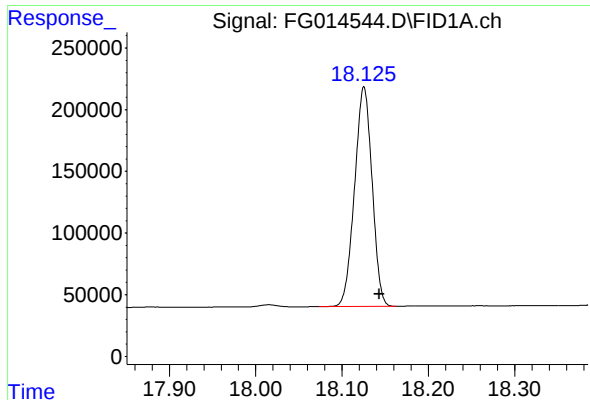
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: -0.016 min
Response: 2642885
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

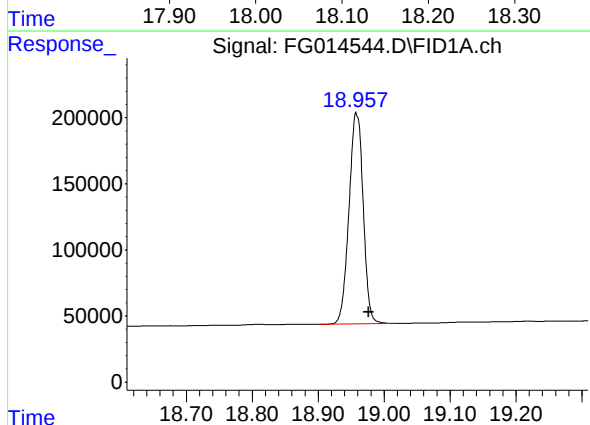
R.T.: 17.238 min
Delta R.T.: -0.017 min
Response: 2547130
Conc: 18.43 ug/ml



#17 n-Tricontane (C30)

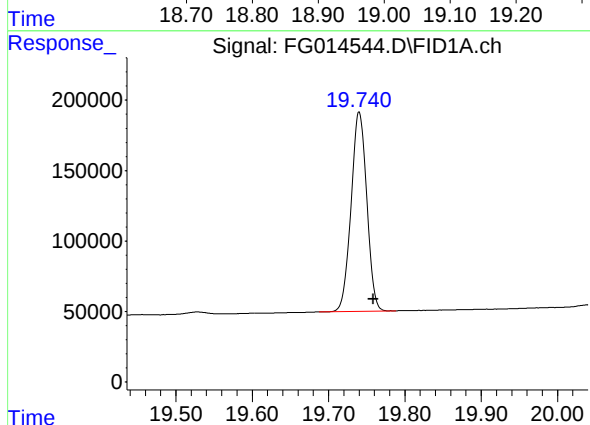
R.T.: 18.125 min
Delta R.T.: -0.018 min
Response: 2505254
Conc: 18.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



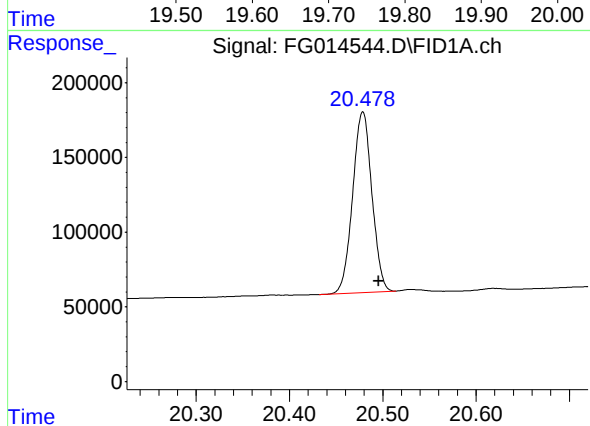
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: -0.019 min
Response: 2389473
Conc: 18.25 ug/ml



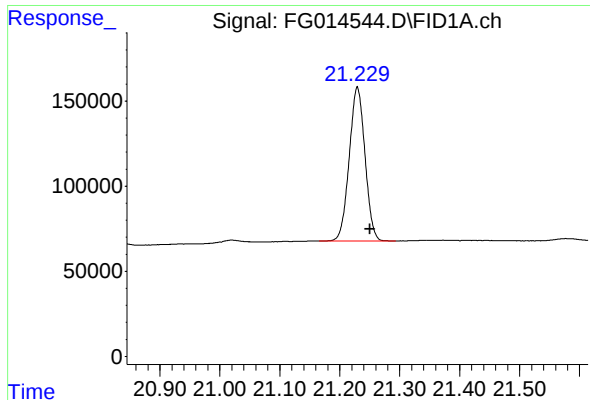
#19 n-Tetatriacontane (C34)

R.T.: 19.740 min
Delta R.T.: -0.018 min
Response: 2046894
Conc: 18.29 ug/ml



#20 n-Hexatriacontane (C36)

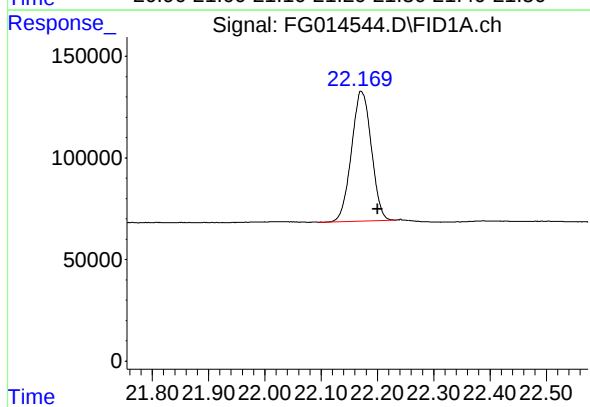
R.T.: 20.479 min
Delta R.T.: -0.017 min
Response: 1734213
Conc: 18.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: -0.021 min
Response: 1652261
Conc: 19.78 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: -0.030 min
Response: 1562206
Conc: 20.54 ug/ml