

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111224AL\
 Data File : FG014755.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 20:08
 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: Nov 13 04:05:31 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)	11.949	3138591	20.478 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
12) S 1-chlorooctadecane (S...	13.388	2445424	19.915 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.322	2801458	21.647 ug/ml
2) T n-Decane (C10)	4.573	2859073	21.698 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3074172	21.430 ug/ml
4) T n-Dodecane (C12)	6.742	2887015	21.733 ug/ml
5) T A~2-methylnaphthalene...	7.373	2974041	21.318 ug/ml
6) T n-Tetradecane (C14)	8.573	2868857	21.622 ug/ml
7) T n-Hexadecane (C16)	10.185	2962032	21.315 ug/ml
8) T n-Octadecane (C18)	11.631	2985212	20.853 ug/ml
10) T n-Eicosane (C20)	12.943	2866361	20.383 ug/ml
11) T n-Heneicosane (C21)	13.556	2804687	20.038 ug/ml
13) T n-Docosane (C22)	14.143	2791003	19.840 ug/ml
14) T n-Tetracosane (C24)	15.247	2773550	19.492 ug/ml
15) T n-Hexacosane (C26)	16.269	2672779	18.936 ug/ml
16) T n-Octacosane (C28)	17.219	2601927	18.826 ug/ml
17) T n-Tricontane (C30)	18.108	2640600	19.052 ug/ml
18) T n-Dotriacontane (C32)	18.941	2533486	19.351 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2173463	19.418 ug/ml
20) T n-Hexatriacontane (C36)	20.462	1855944	19.940 ug/ml
21) T n-Octatriacontane (C38)	21.212	1738375	20.807 ug/ml
22) T n-Tetracontane (C40)	22.149	1703198	22.398 ug/ml

(f)=RT Delta > 1/2 Window

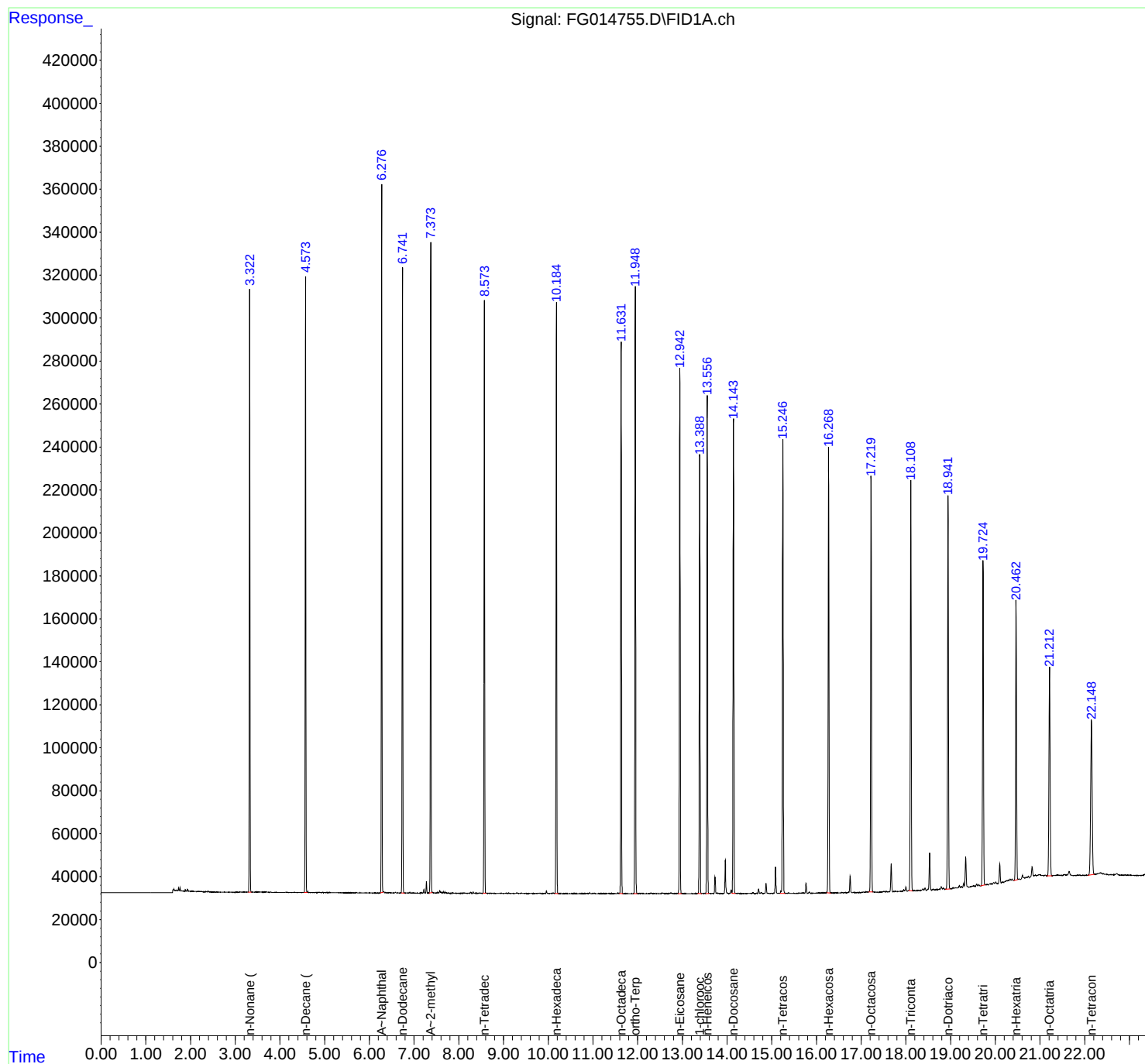
(m)=manual int.

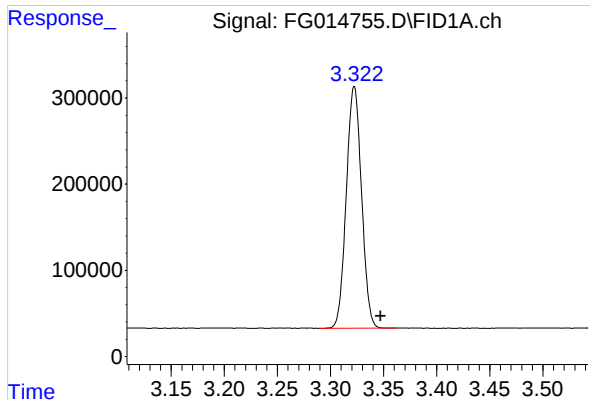
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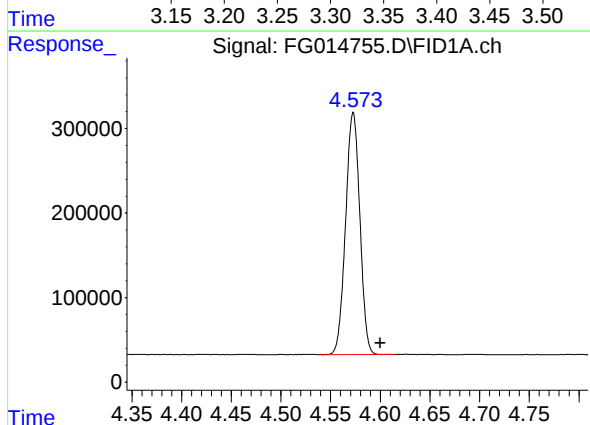




#1 n-Nonane (C9)

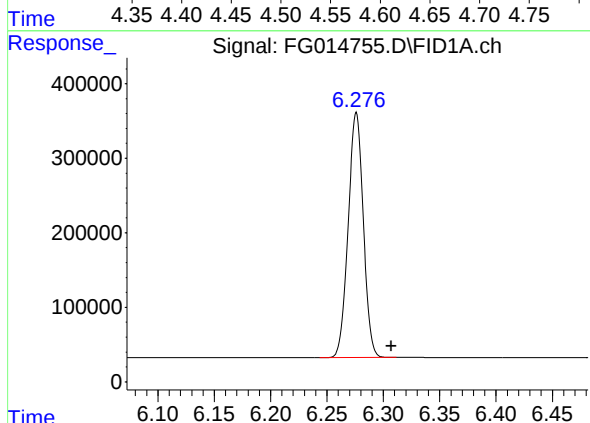
R.T.: 3.322 min
Delta R.T.: -0.025 min
Response: 2801458
Conc: 21.65 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



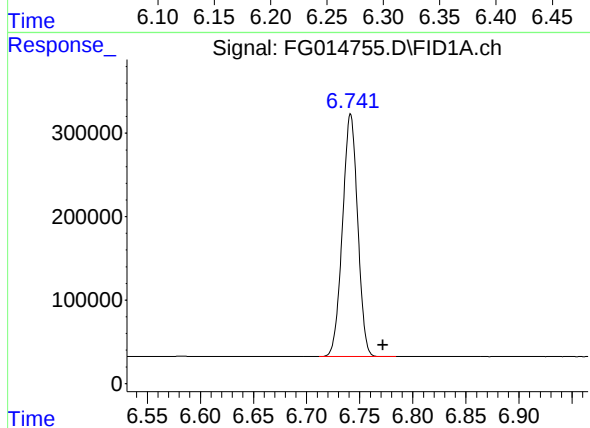
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.027 min
Response: 2859073
Conc: 21.70 ug/ml



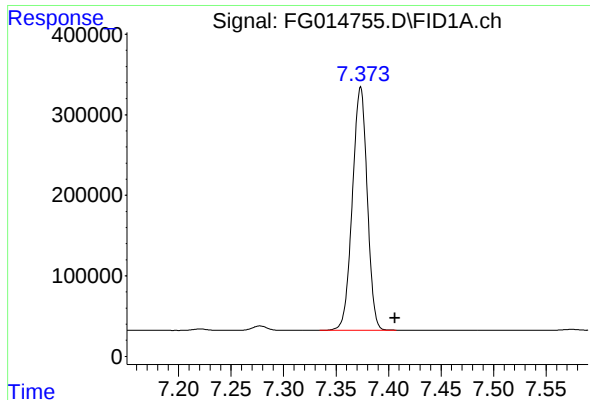
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.031 min
Response: 3074172
Conc: 21.43 ug/ml



#4 n-Dodecane (C12)

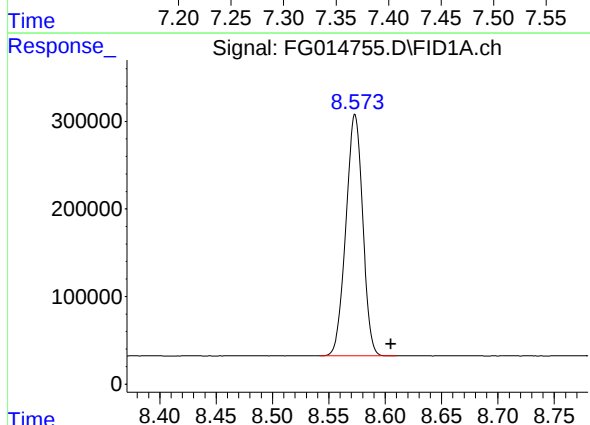
R.T.: 6.742 min
Delta R.T.: -0.030 min
Response: 2887015
Conc: 21.73 ug/ml



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

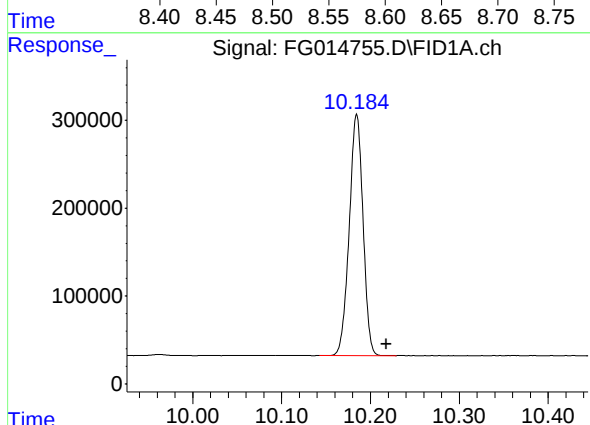
R.T.: 7.373 min
Delta R.T.: -0.033 min
Response: 2974041
Conc: 21.32 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



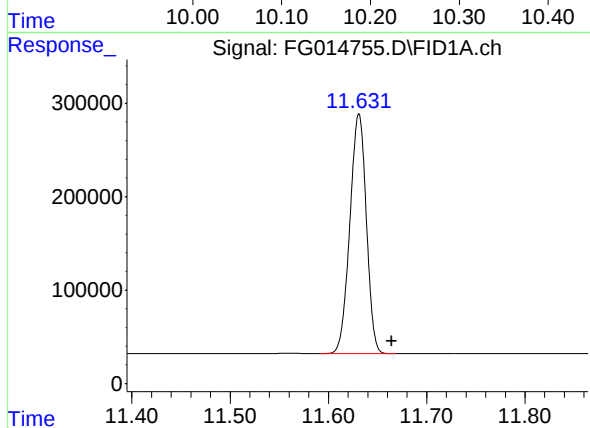
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.032 min
Response: 2868857
Conc: 21.62 ug/ml



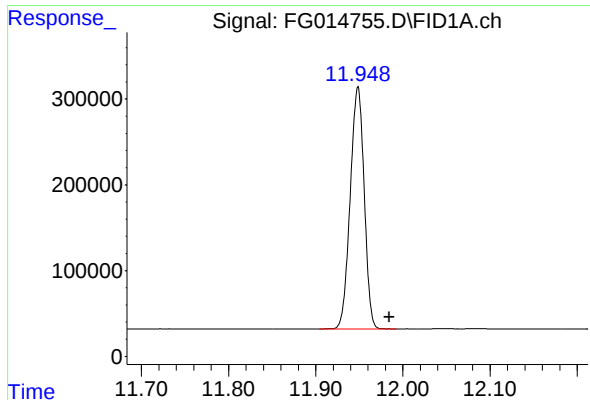
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.033 min
Response: 2962032
Conc: 21.32 ug/ml



#8 n-Octadecane (C18)

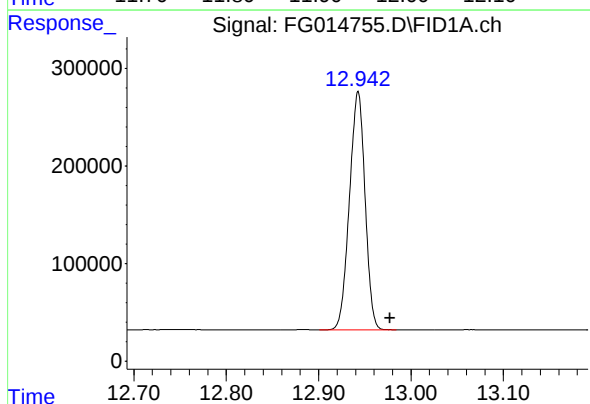
R.T.: 11.631 min
Delta R.T.: -0.033 min
Response: 2985212
Conc: 20.85 ug/ml



#9 ortho-Terphenyl (SURR)

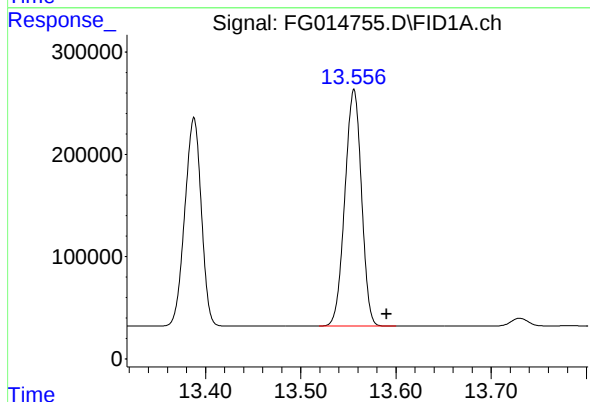
R.T.: 11.949 min
Delta R.T.: -0.036 min
Response: 3138591
Conc: 20.48 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



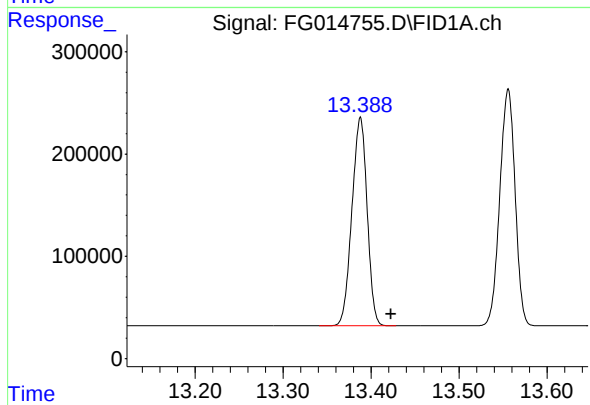
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.035 min
Response: 2866361
Conc: 20.38 ug/ml



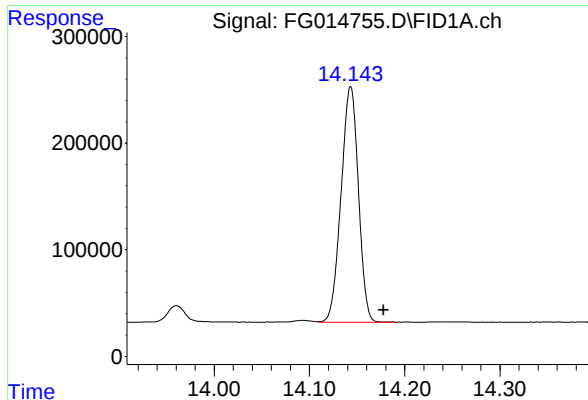
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.034 min
Response: 2804687
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

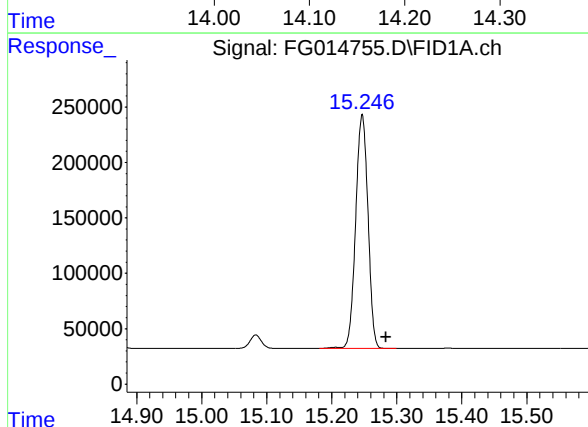
R.T.: 13.388 min
Delta R.T.: -0.035 min
Response: 2445424
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

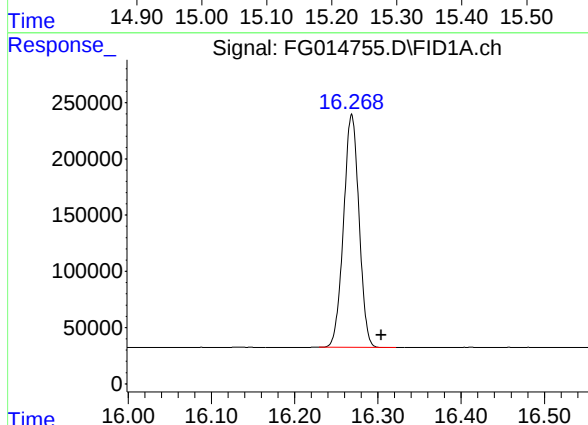
R.T.: 14.143 min
Delta R.T.: -0.035 min
Response: 2791003
Conc: 19.84 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



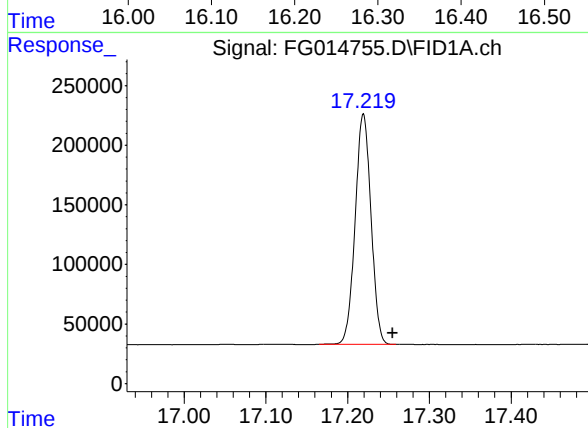
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.036 min
Response: 2773550
Conc: 19.49 ug/ml



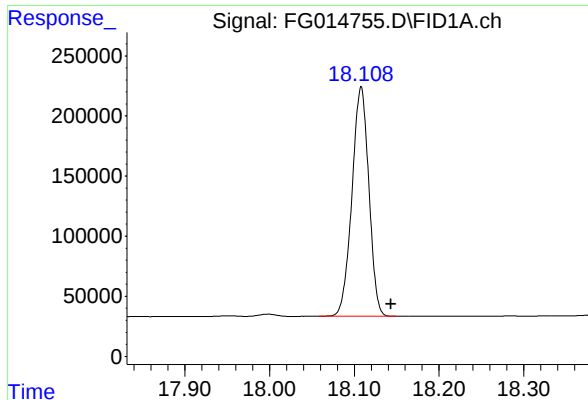
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.036 min
Response: 2672779
Conc: 18.94 ug/ml



#16 n-Octacosane (C28)

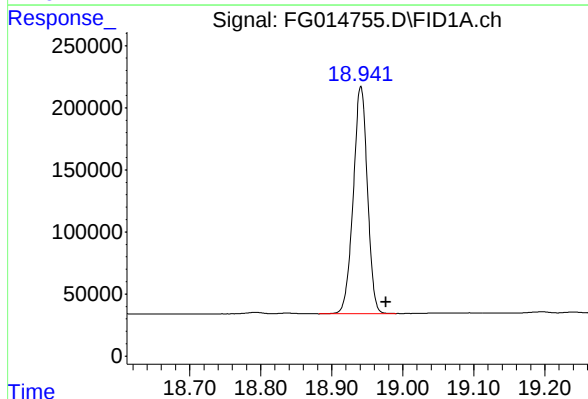
R.T.: 17.219 min
Delta R.T.: -0.036 min
Response: 2601927
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

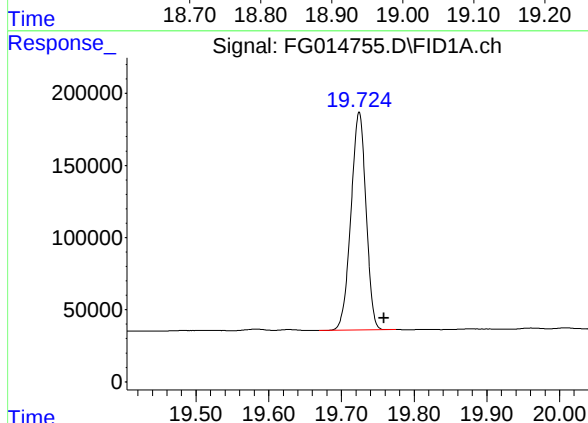
R.T.: 18.108 min
Delta R.T.: -0.035 min
Response: 2640600
Conc: 19.05 ug/ml

Instrument :
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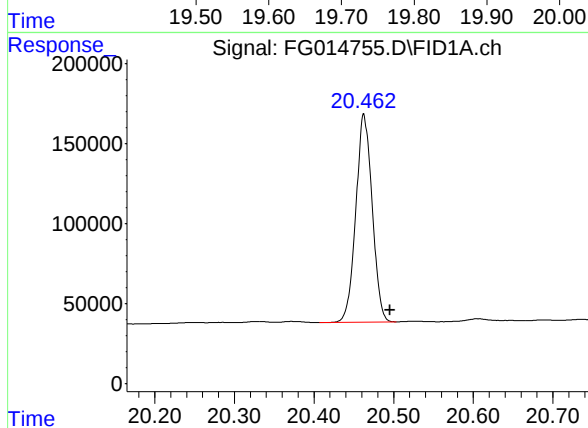
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.035 min
Response: 2533486
Conc: 19.35 ug/ml



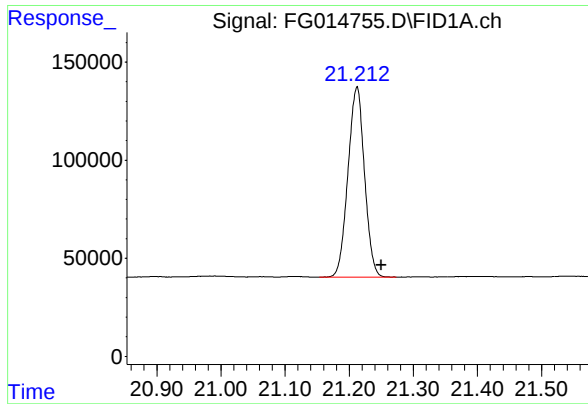
#19 n-Tetatriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.034 min
Response: 2173463
Conc: 19.42 ug/ml



#20 n-Hexatriacontane (C36)

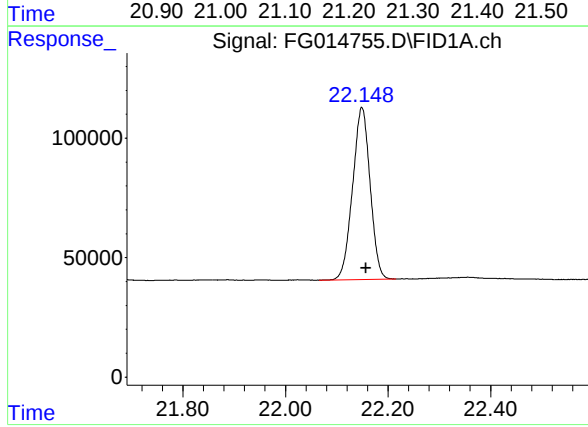
R.T.: 20.462 min
Delta R.T.: -0.033 min
Response: 1855944
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.038 min
Response: 1738375
Conc: 20.81 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: -0.008 min
Response: 1703198
Conc: 22.40 ug/ml