

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014434.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 16:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 15 02:36:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:55:30 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)	11.799	2831551	20.617 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	13.247	2248972	22.696 ug/ml
Spiked Amount 50.000		Recovery =	45.39%
Target Compounds			
1) T n-Nonane (C9)	3.181	2366099	18.973 ug/ml
2) T n-Decane (C10)	4.430	2412953	19.039 ug/ml
3) T A~Naphthalene (C11.7)	6.129	2477406	20.078 ug/ml
4) T n-Dodecane (C12)	6.602	2413824	19.299 ug/ml
5) T A~2-methylnaphthalene...	7.228	2170817	19.395 ug/ml
6) T n-Tetradecane (C14)	8.434	2402943	20.183 ug/ml
7) T n-Hexadecane (C16)	10.046	2528116	20.080 ug/ml
8) T n-Octadecane (C18)	11.490	2646757	20.483 ug/ml
10) T n-Eicosane (C20)	12.804	2605483	21.020 ug/ml
11) T n-Heneicosane (C21)	13.416	2590247	21.324 ug/ml
13) T n-Docosane (C22)	14.004	2581826	21.444 ug/ml
14) T n-Tetracosane (C24)	15.110	2587874	21.489 ug/ml
15) T n-Hexacosane (C26)	16.135	2531953	21.477 ug/ml
16) T n-Octacosane (C28)	17.086	2441421	20.996 ug/ml
17) T n-Tricontane (C30)	17.976	2408844	20.162 ug/ml
18) T n-Dotriacontane (C32)	18.809	2260408	19.581 ug/ml
19) T n-Tetratriacontane (C34)	19.595	1945006	19.463 ug/ml
20) T n-Hexatriacontane (C36)	20.336	1670848	19.231 ug/ml
21) T n-Octatriacontane (C38)	21.064	1571999	20.690 ug/ml
22) T n-Tetracontane (C40)	21.950	1586185	23.960 ug/ml

(f)=RT Delta > 1/2 Window

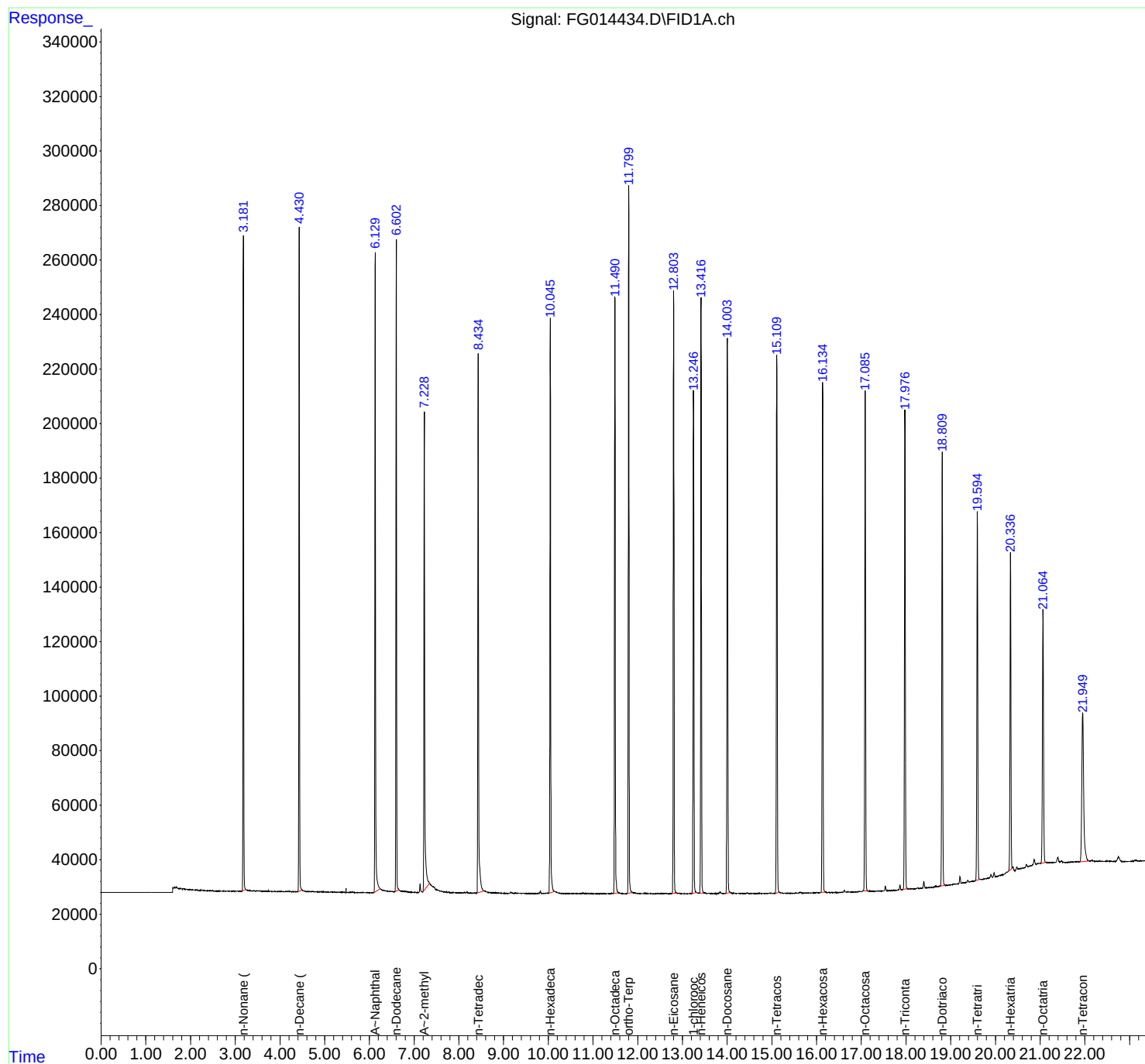
(m)=manual int.

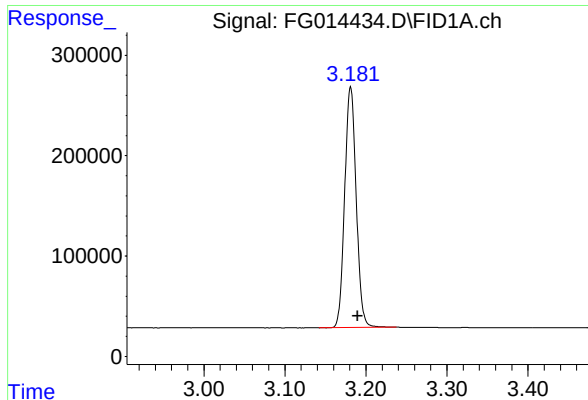
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
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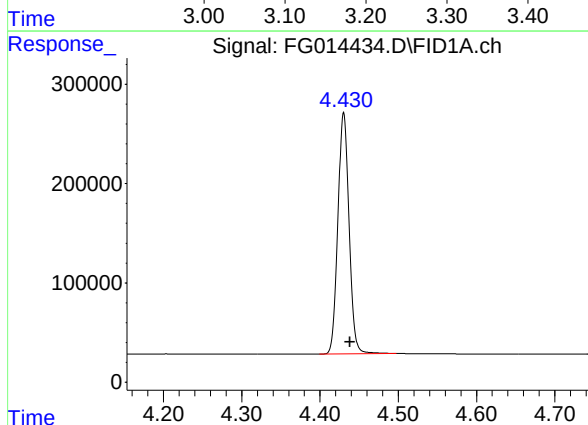




#1 n-Nonane (C9)

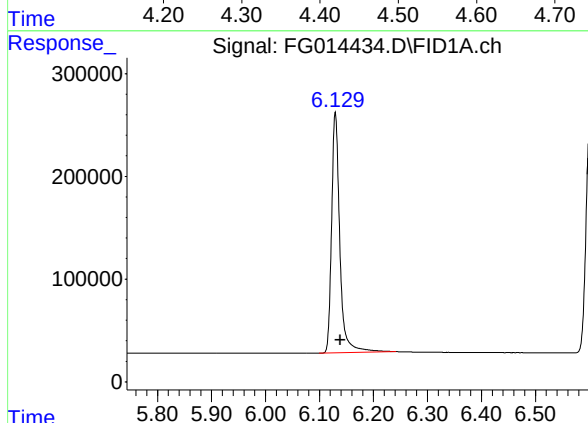
R.T.: 3.181 min
Delta R.T.: -0.009 min
Response: 2366099
Conc: 18.97 ug/ml

Instrument :
FID_G
ClientSampleId :



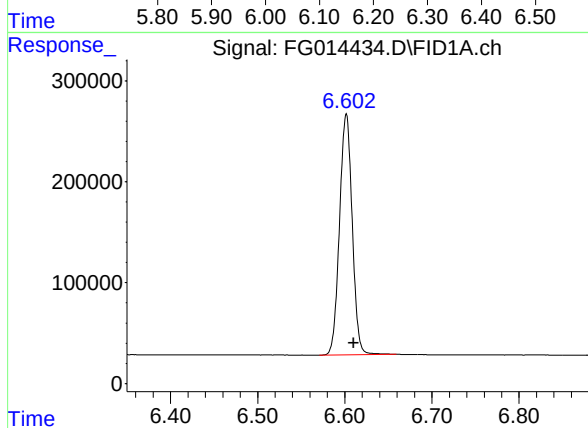
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.008 min
Response: 2412953
Conc: 19.04 ug/ml



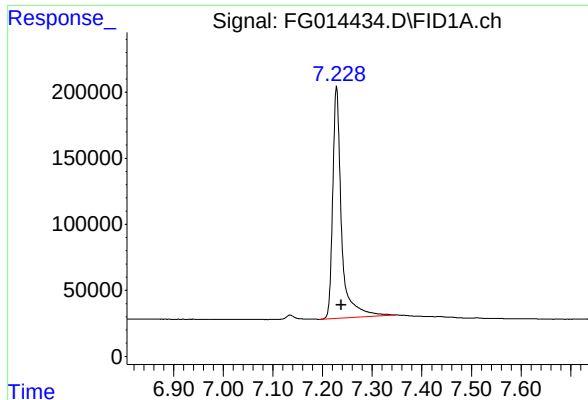
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min
Delta R.T.: -0.009 min
Response: 2477406
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

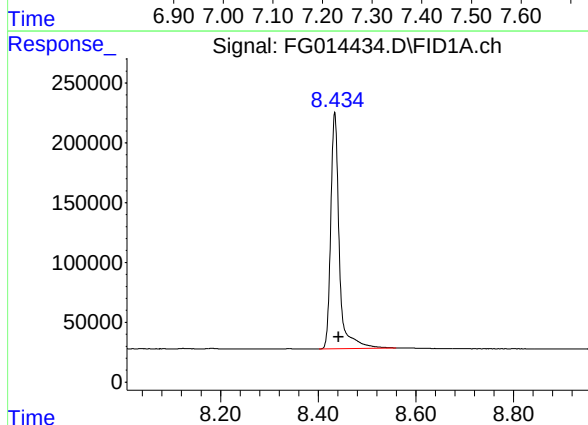
R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 2413824
Conc: 19.30 ug/ml



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

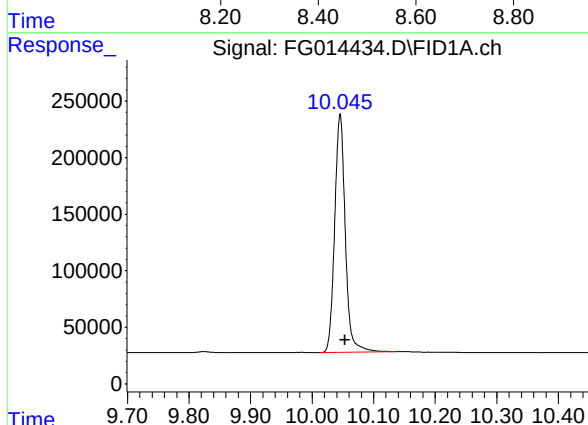
R.T.: 7.228 min
Delta R.T.: -0.009 min
Response: 2170817
Conc: 19.40 ug/ml

Instrument :
FID_G
ClientSampleId :



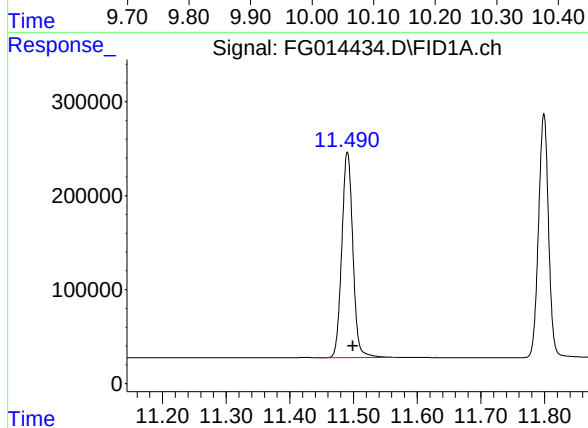
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: -0.008 min
Response: 2402943
Conc: 20.18 ug/ml



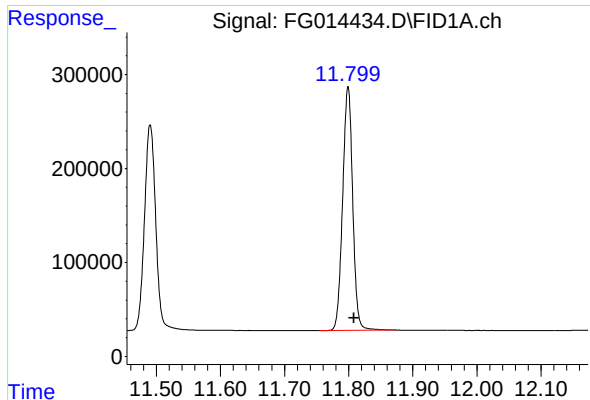
#7 n-Hexadecane (C16)

R.T.: 10.046 min
Delta R.T.: -0.008 min
Response: 2528116
Conc: 20.08 ug/ml



#8 n-Octadecane (C18)

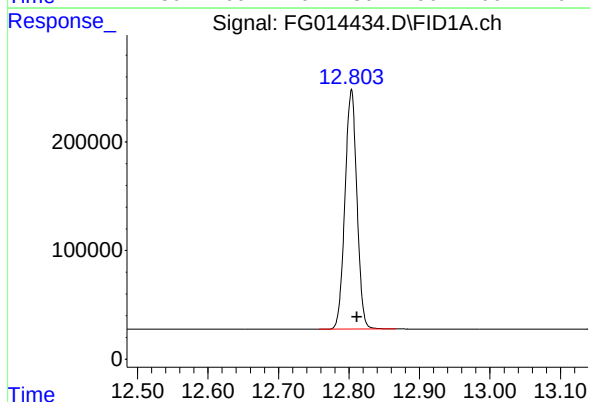
R.T.: 11.490 min
Delta R.T.: -0.009 min
Response: 2646757
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

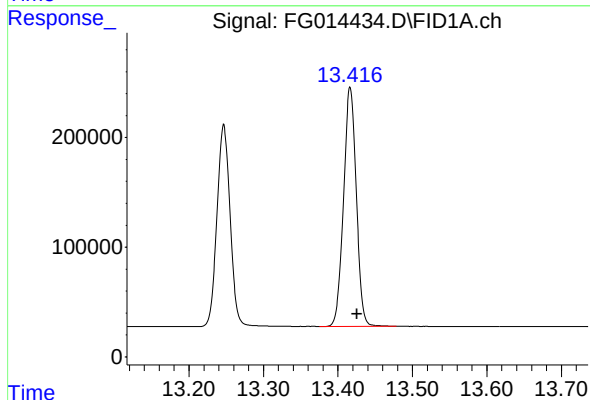
R.T.: 11.799 min
Delta R.T.: -0.009 min
Response: 2831551
Conc: 20.62 ug/ml

Instrument :
FID_G
ClientSampleId :



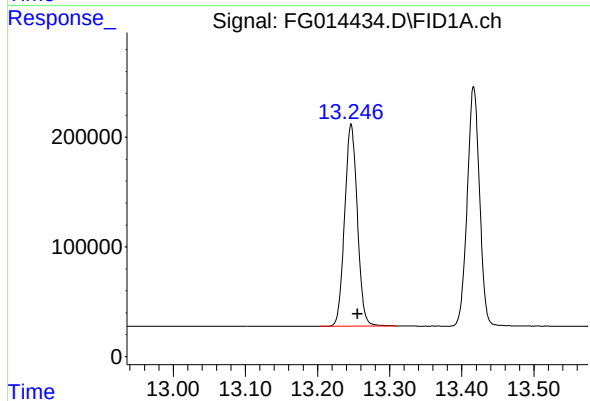
#10 n-Eicosane (C20)

R.T.: 12.804 min
Delta R.T.: -0.007 min
Response: 2605483
Conc: 21.02 ug/ml



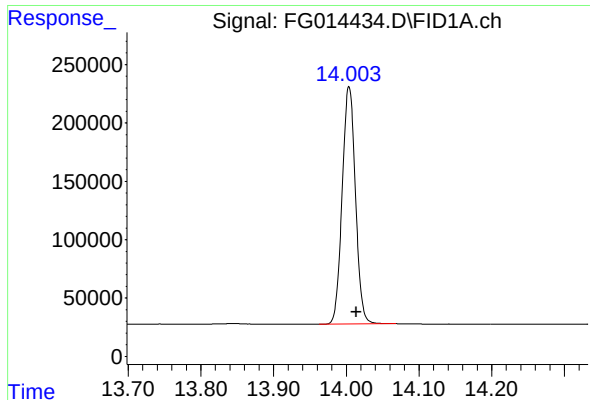
#11 n-Heneicosane (C21)

R.T.: 13.416 min
Delta R.T.: -0.009 min
Response: 2590247
Conc: 21.32 ug/ml



#12 1-chlorooctadecane (SURR)

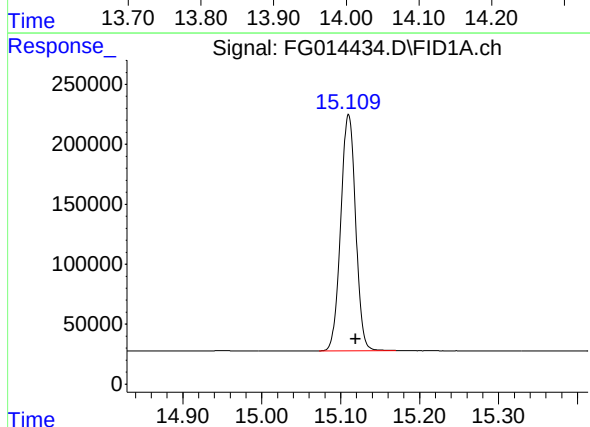
R.T.: 13.247 min
Delta R.T.: -0.009 min
Response: 2248972
Conc: 22.70 ug/ml



#13 n-Docosane (C22)

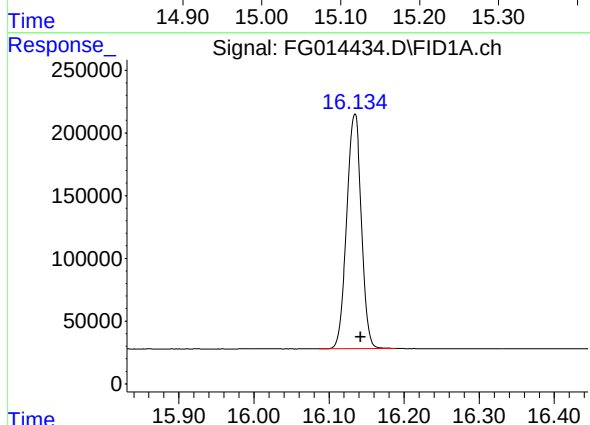
R.T.: 14.004 min
Delta R.T.: -0.010 min
Response: 2581826
Conc: 21.44 ug/ml

Instrument :
FID_G
ClientSampleId :



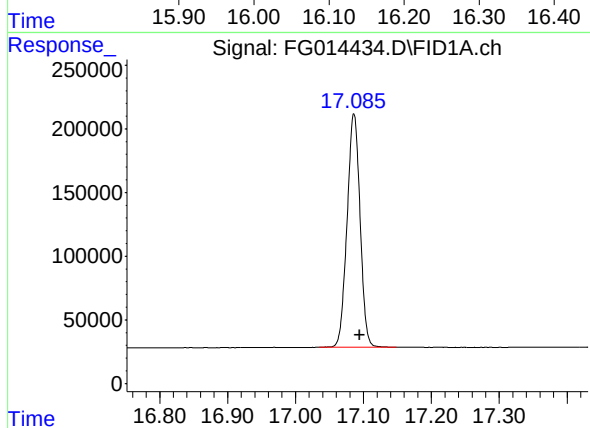
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.009 min
Response: 2587874
Conc: 21.49 ug/ml



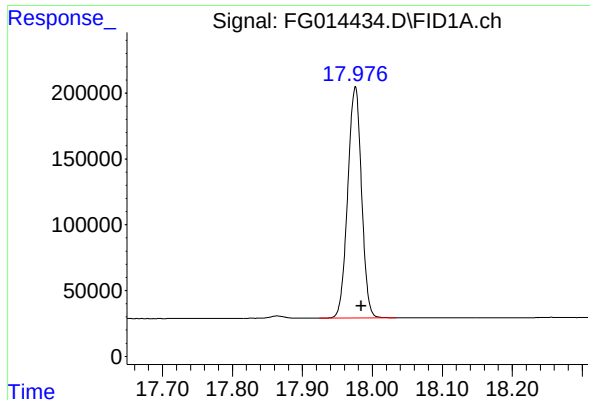
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: -0.008 min
Response: 2531953
Conc: 21.48 ug/ml



#16 n-Octacosane (C28)

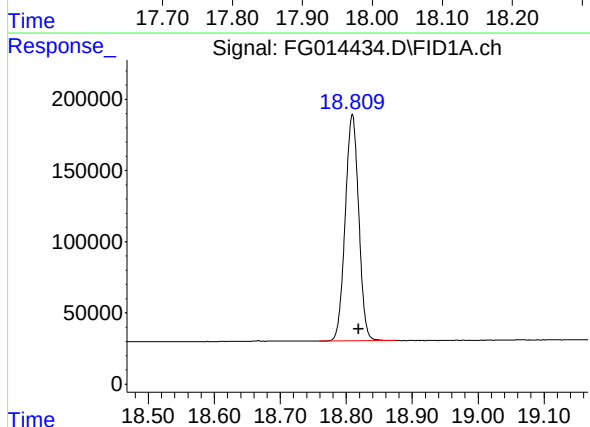
R.T.: 17.086 min
Delta R.T.: -0.008 min
Response: 2441421
Conc: 21.00 ug/ml



#17 n-Tricontane (C30)

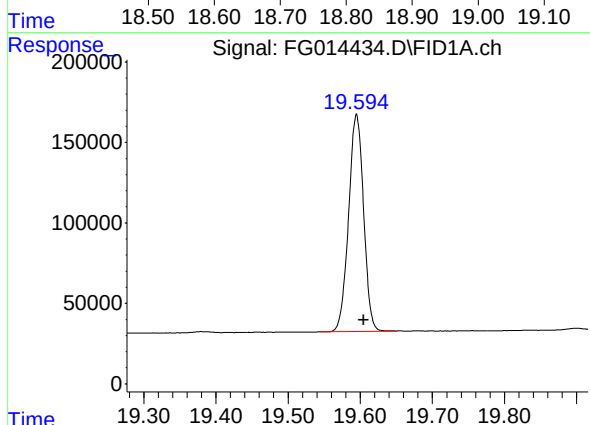
R.T.: 17.976 min
Delta R.T.: -0.009 min
Response: 2408844
Conc: 20.16 ug/ml

Instrument :
FID_G
ClientSampleId :



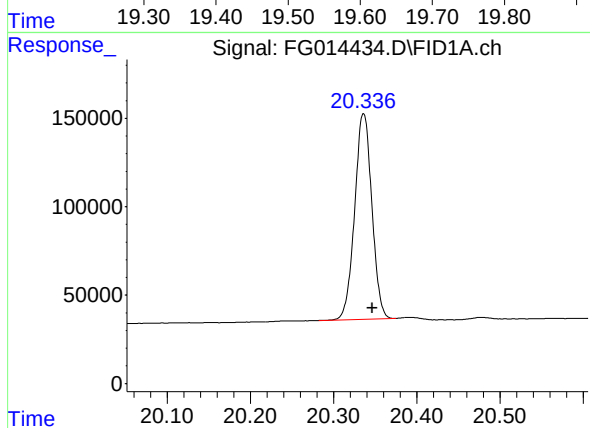
#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.009 min
Response: 2260408
Conc: 19.58 ug/ml



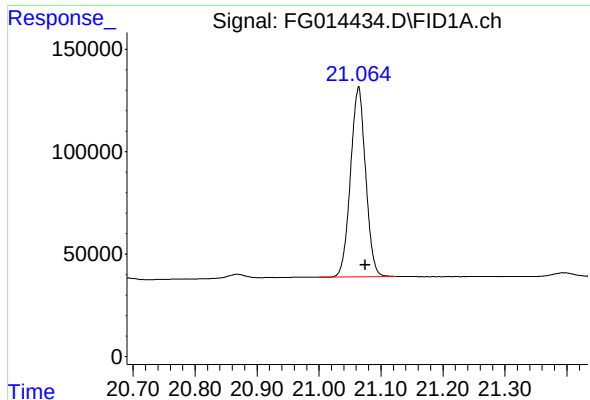
#19 n-Tetatriacontane (C34)

R.T.: 19.595 min
Delta R.T.: -0.010 min
Response: 1945006
Conc: 19.46 ug/ml



#20 n-Hexatriacontane (C36)

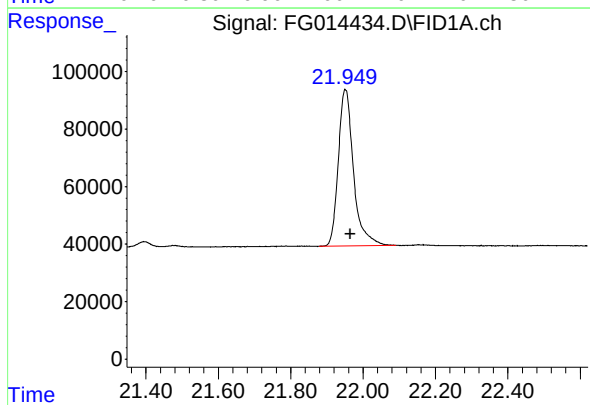
R.T.: 20.336 min
Delta R.T.: -0.010 min
Response: 1670848
Conc: 19.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.064 min
Delta R.T.: -0.011 min
Response: 1571999
Conc: 20.69 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.015 min
Response: 1586185
Conc: 23.96 ug/ml