

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072023AL\
 Data File : FG012495.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2023 10:08
 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: Jul 21 01:48:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 2023
 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)	10.881	3211597	20.553 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	12.319	2396819	20.680 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
Target Compounds			
1) T n-Nonane (C9)	2.732	2446914	19.671 ug/ml
2) T n-Decane (C10)	3.739	2505630	19.707 ug/ml
3) T A~Naphthalene (C11.7)	5.304	2803786	20.257 ug/ml
4) T n-Dodecane (C12)	5.729	2551865	19.835 ug/ml
5) T A~2-methylnaphthalene...	6.354	2667345	20.428 ug/ml
6) T n-Tetradecane (C14)	7.521	2570534	20.129 ug/ml
7) T n-Hexadecane (C16)	9.122	2740072	20.551 ug/ml
8) T n-Octadecane (C18)	10.565	2855497	20.562 ug/ml
10) T n-Eicosane (C20)	11.874	2787708	20.620 ug/ml
11) T n-Heneicosane (C21)	12.487	2730429	20.581 ug/ml
13) T n-Docosane (C22)	13.073	2742696	20.804 ug/ml
14) T n-Tetracosane (C24)	14.177	2891372	20.587 ug/ml
15) T n-Hexacosane (C26)	15.199	2685108	21.271 ug/ml
16) T n-Octacosane (C28)	16.149	2666854	21.214 ug/ml
17) T n-Tricontane (C30)	17.038	2765393	20.927 ug/ml
18) T n-Dotriacontane (C32)	17.872	2748845	20.659 ug/ml
19) T n-Tetratriacontane (C34)	18.655	2624052	20.480 ug/ml
20) T n-Hexatriacontane (C36)	19.396	2484765	20.108 ug/ml
21) T n-Octatriacontane (C38)	20.129	2392132	20.028 ug/ml
22) T n-Tetracontane (C40)	21.034	2337809	20.175 ug/ml

(f)=RT Delta > 1/2 Window

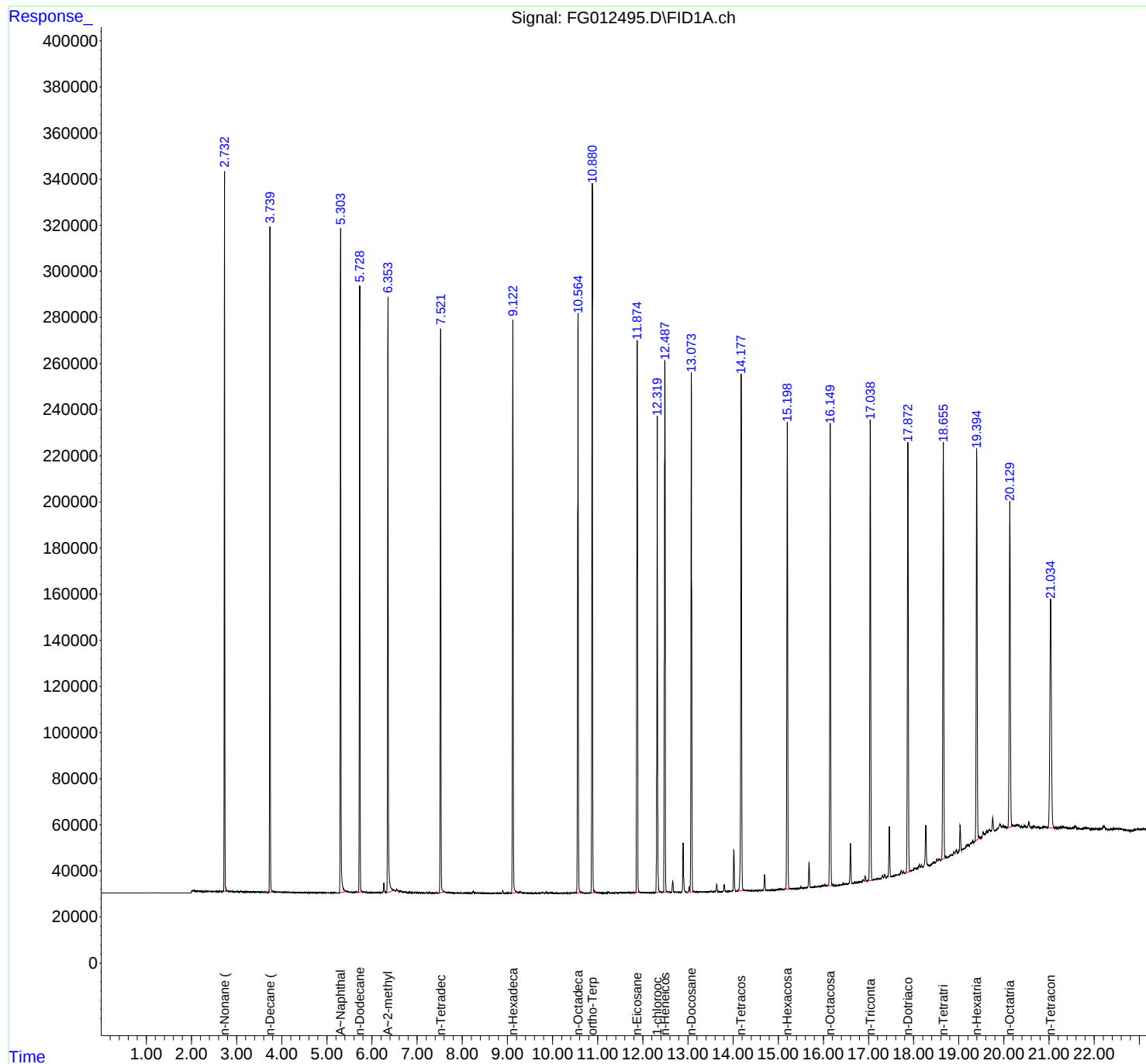
(m)=manual int.

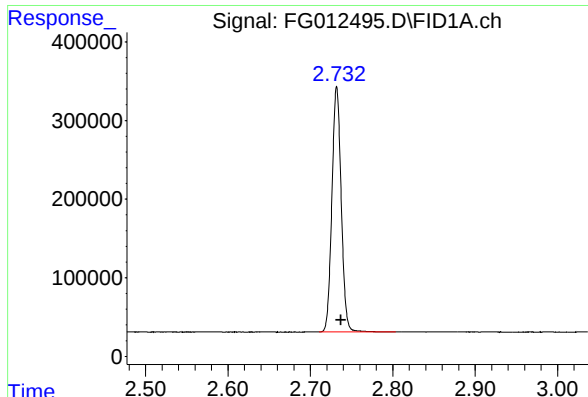
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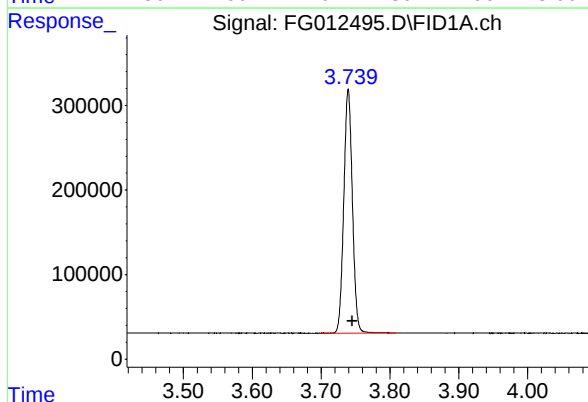




#1 n-Nonane (C9)

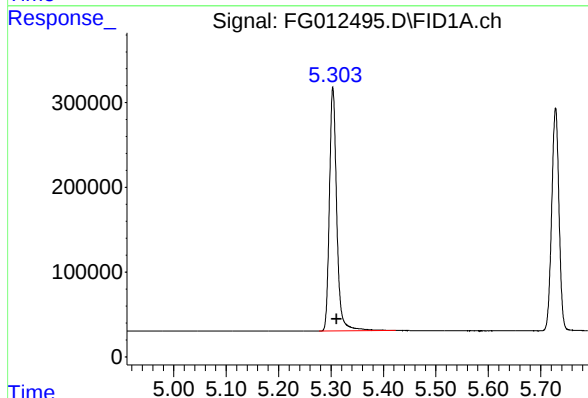
R.T.: 2.732 min
Delta R.T.: -0.005 min
Response: 2446914
Conc: 19.67 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



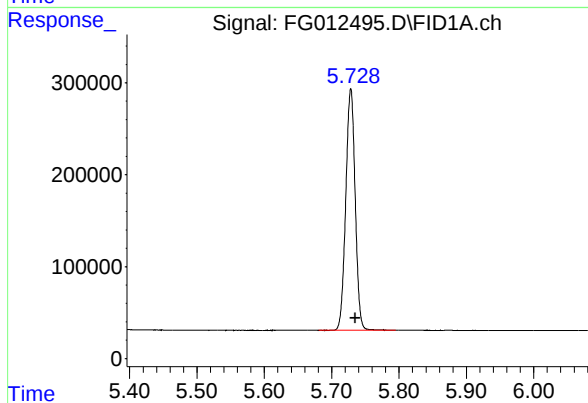
#2 n-Decane (C10)

R.T.: 3.739 min
Delta R.T.: -0.006 min
Response: 2505630
Conc: 19.71 ug/ml



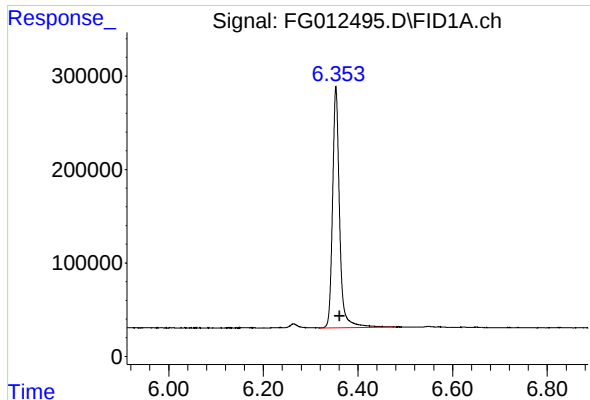
#3 A~Naphthalene (C11.7)

R.T.: 5.304 min
Delta R.T.: -0.007 min
Response: 2803786
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

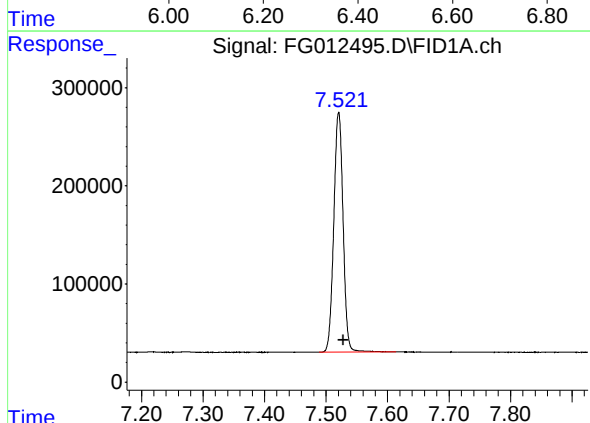
R.T.: 5.729 min
Delta R.T.: -0.007 min
Response: 2551865
Conc: 19.84 ug/ml



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

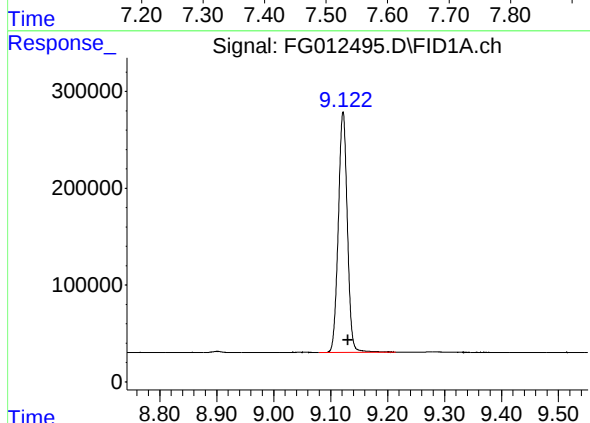
R.T.: 6.354 min
Delta R.T.: -0.007 min
Response: 2667345
Conc: 20.43 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



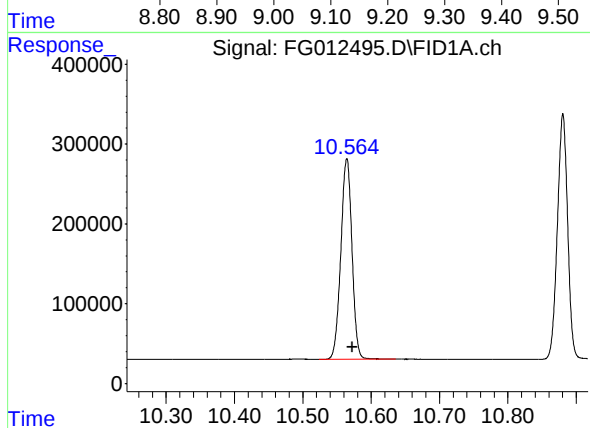
#6 n-Tetradecane (C14)

R.T.: 7.521 min
Delta R.T.: -0.007 min
Response: 2570534
Conc: 20.13 ug/ml



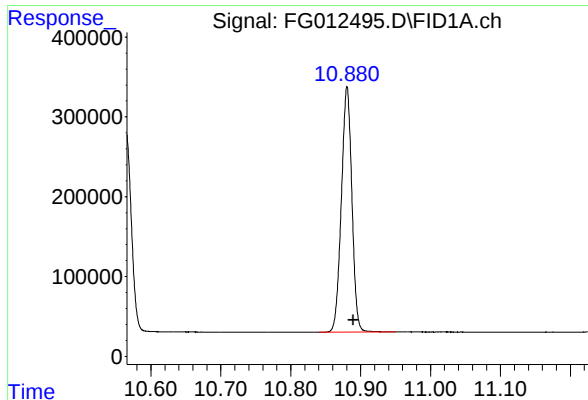
#7 n-Hexadecane (C16)

R.T.: 9.122 min
Delta R.T.: -0.008 min
Response: 2740072
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

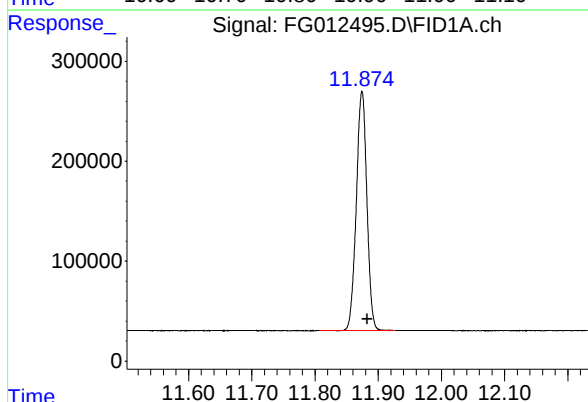
R.T.: 10.565 min
Delta R.T.: -0.008 min
Response: 2855497
Conc: 20.56 ug/ml



#9 ortho-Terphenyl (SURR)

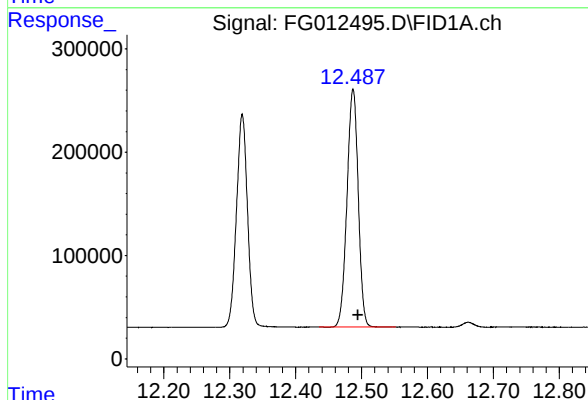
R.T.: 10.881 min
Delta R.T.: -0.009 min
Response: 3211597
Conc: 20.55 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



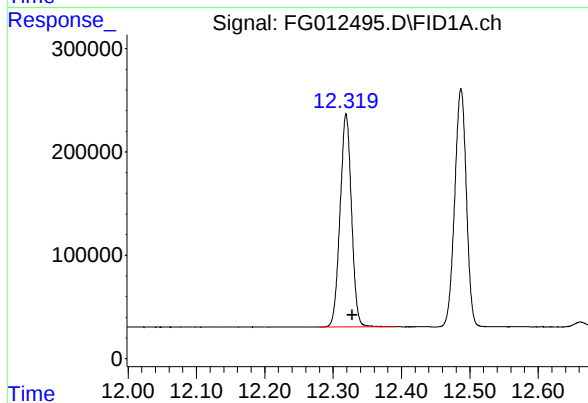
#10 n-Eicosane (C20)

R.T.: 11.874 min
Delta R.T.: -0.009 min
Response: 2787708
Conc: 20.62 ug/ml



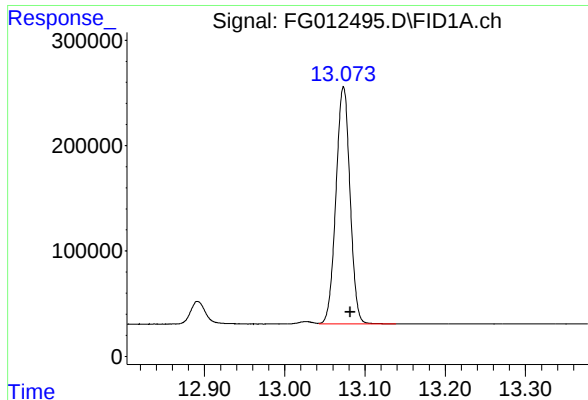
#11 n-Heneicosane (C21)

R.T.: 12.487 min
Delta R.T.: -0.008 min
Response: 2730429
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

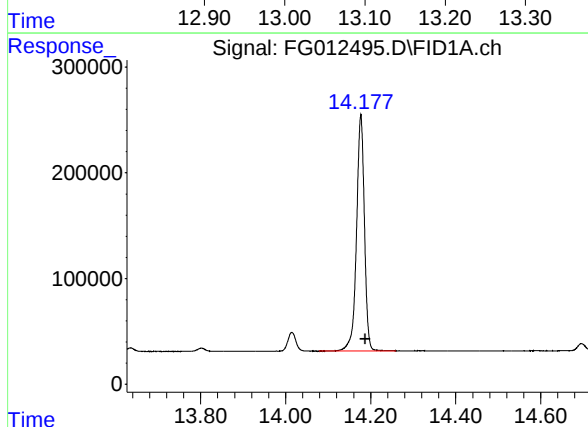
R.T.: 12.319 min
Delta R.T.: -0.009 min
Response: 2396819
Conc: 20.68 ug/ml



#13 n-Docosane (C22)

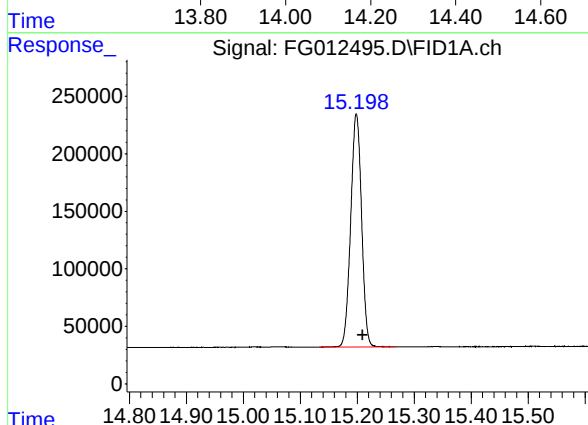
R.T.: 13.073 min
Delta R.T.: -0.009 min
Response: 2742696
Conc: 20.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



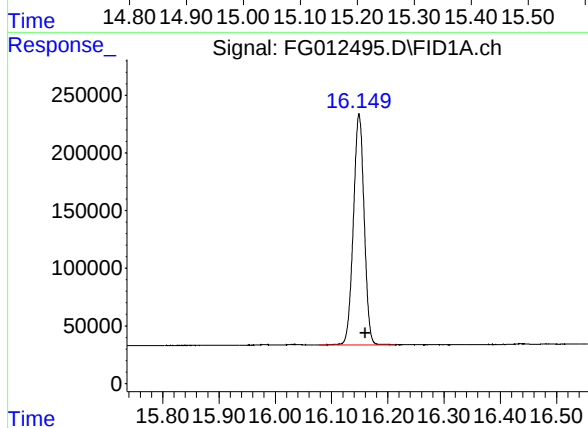
#14 n-Tetracosane (C24)

R.T.: 14.177 min
Delta R.T.: -0.010 min
Response: 2891372
Conc: 20.59 ug/ml



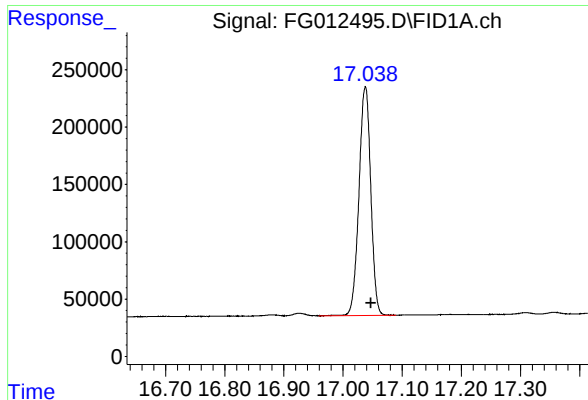
#15 n-Hexacosane (C26)

R.T.: 15.199 min
Delta R.T.: -0.011 min
Response: 2685108
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

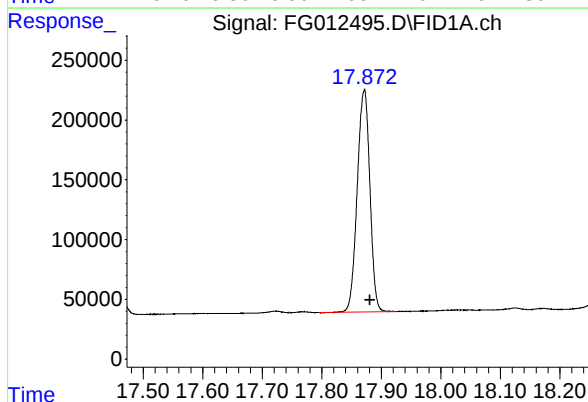
R.T.: 16.149 min
Delta R.T.: -0.011 min
Response: 2666854
Conc: 21.21 ug/ml



#17 n-Tricontane (C30)

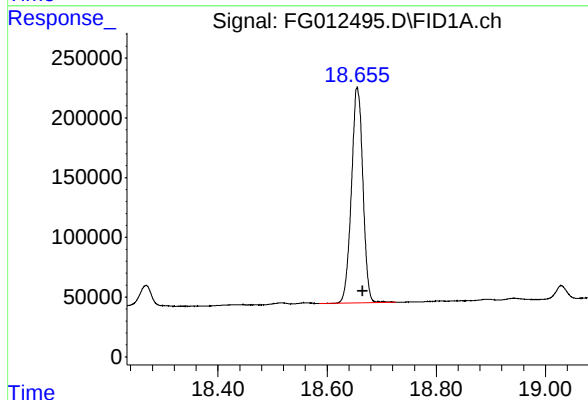
R.T.: 17.038 min
Delta R.T.: -0.010 min
Response: 2765393
Conc: 20.93 ug/ml

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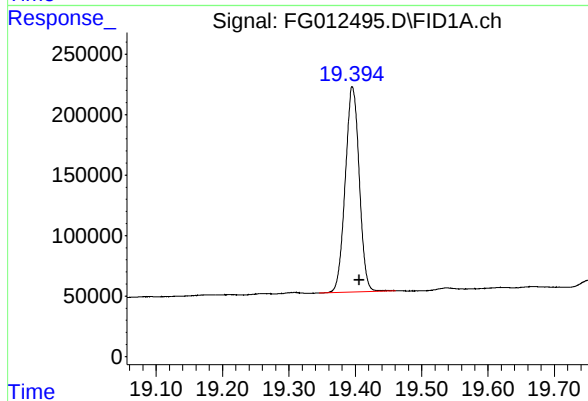
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.010 min
Response: 2748845
Conc: 20.66 ug/ml



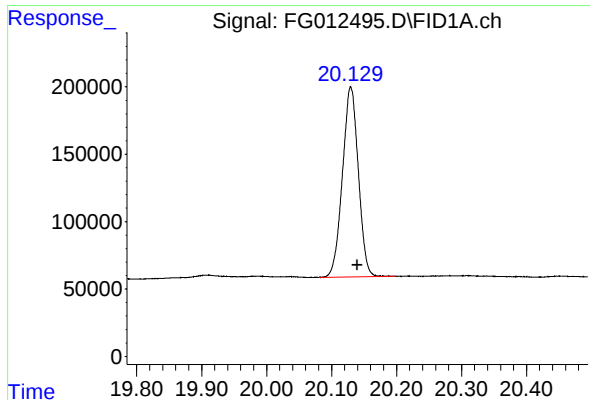
#19 n-Tetatriacontane (C34)

R.T.: 18.655 min
Delta R.T.: -0.010 min
Response: 2624052
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

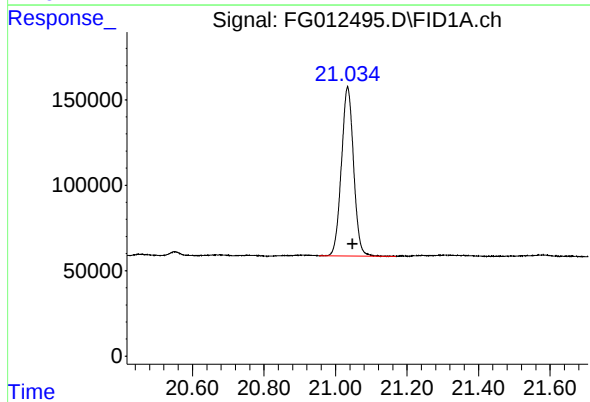
R.T.: 19.396 min
Delta R.T.: -0.010 min
Response: 2484765
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.129 min
Delta R.T.: -0.011 min
Response: 2392132
Conc: 20.03 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.034 min
Delta R.T.: -0.014 min
Response: 2337809
Conc: 20.18 ug/ml