

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052023AL\
 Data File : FG011923.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2023 16:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 21 02:55:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.927	3203871	20.470 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	12.366	2438303	20.562 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
Target Compounds			
1) T n-Nonane (C9)	2.761	2347610	20.390 ug/ml
2) T n-Decane (C10)	3.772	2400328	20.349 ug/ml
3) T A~Naphthalene (C11.7)	5.341	2645224	20.181 ug/ml
4) T n-Dodecane (C12)	5.765	2440494	20.347 ug/ml
5) T A~2-methylnaphthalene...	6.392	2530068	20.042 ug/ml
6) T n-Tetradecane (C14)	7.561	2456921	20.233 ug/ml
7) T n-Hexadecane (C16)	9.164	2629100	20.250 ug/ml
8) T n-Octadecane (C18)	10.609	2765663	20.318 ug/ml
10) T n-Eicosane (C20)	11.920	2752206	20.394 ug/ml
11) T n-Heneicosane (C21)	12.534	2744591	20.420 ug/ml
13) T n-Docosane (C22)	13.122	2753741	20.379 ug/ml
14) T n-Tetracosane (C24)	14.227	2760390	20.282 ug/ml
15) T n-Hexacosane (C26)	15.251	2679978	20.033 ug/ml
16) T n-Octacosane (C28)	16.202	2560997	19.617 ug/ml
17) T n-Tricontane (C30)	17.091	2544711	19.294 ug/ml
18) T n-Dotriacontane (C32)	17.925	2460137	19.150 ug/ml
19) T n-Tetratriacontane (C34)	18.711	2361436	19.273 ug/ml
20) T n-Hexatriacontane (C36)	19.451	2252993	19.367 ug/ml
21) T n-Octatriacontane (C38)	20.194	2235637	19.898 ug/ml
22) T n-Tetracontane (C40)	21.121	2189638	20.323 ug/ml

(f)=RT Delta > 1/2 Window

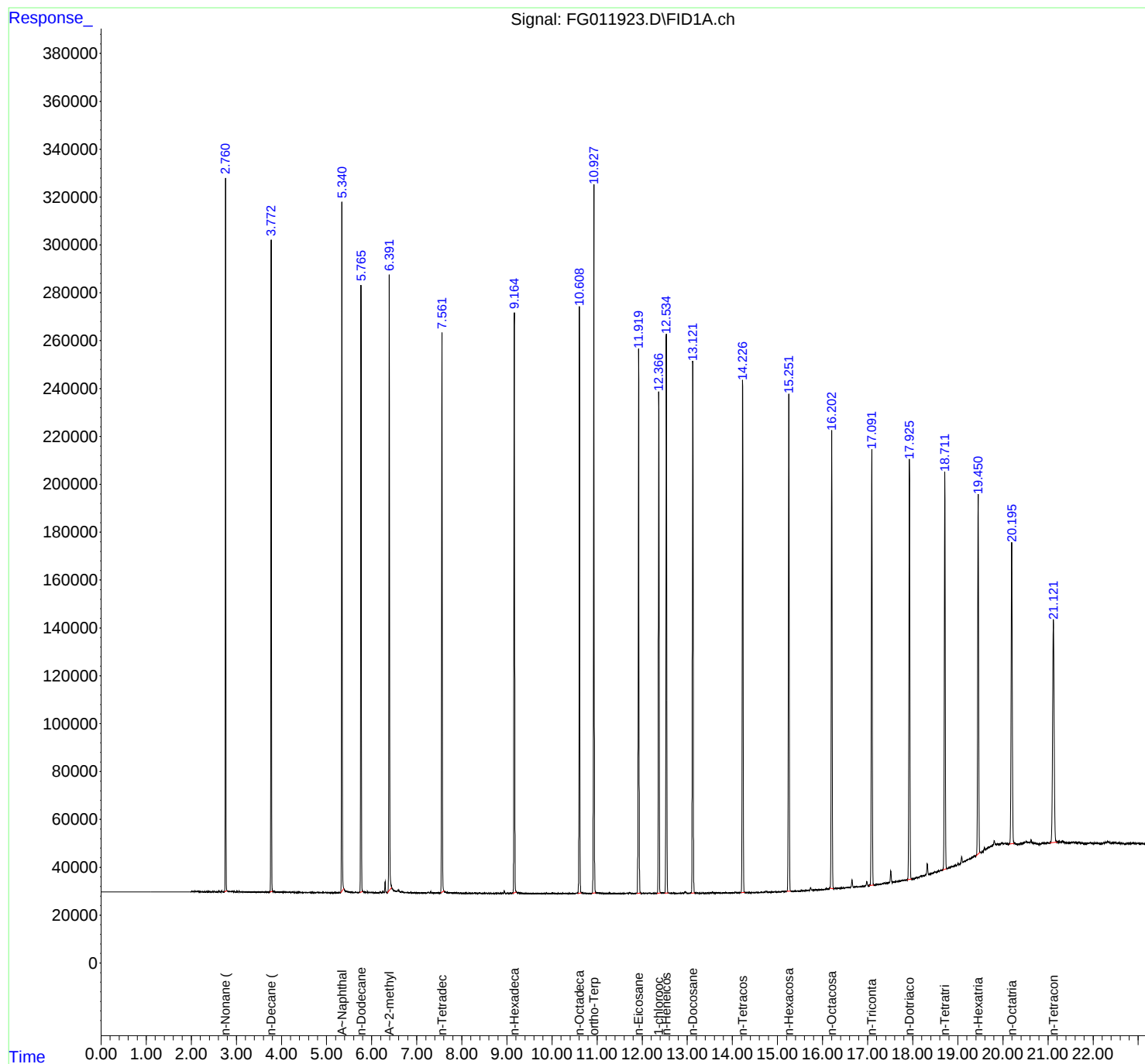
(m)=manual int.

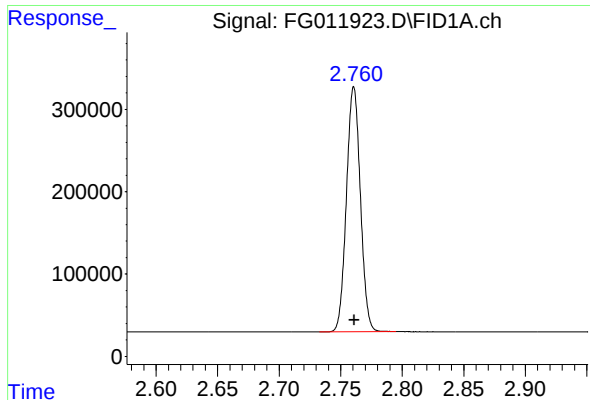
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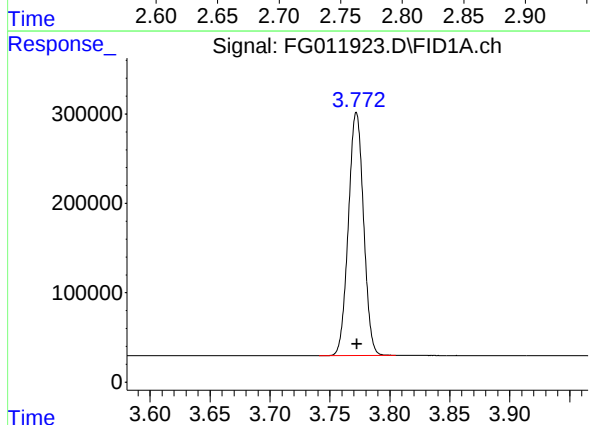




#1 n-Nonane (C9)

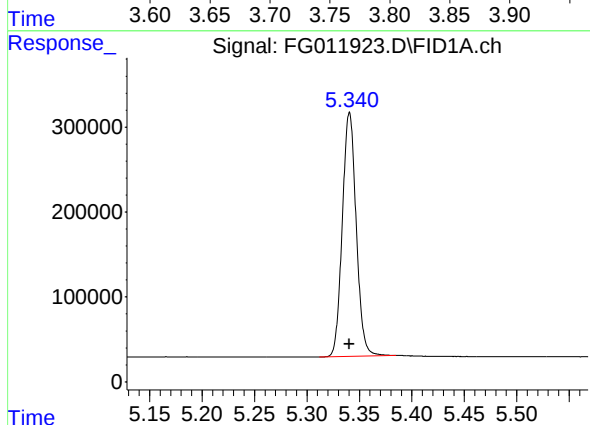
R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 2347610
Conc: 20.39 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



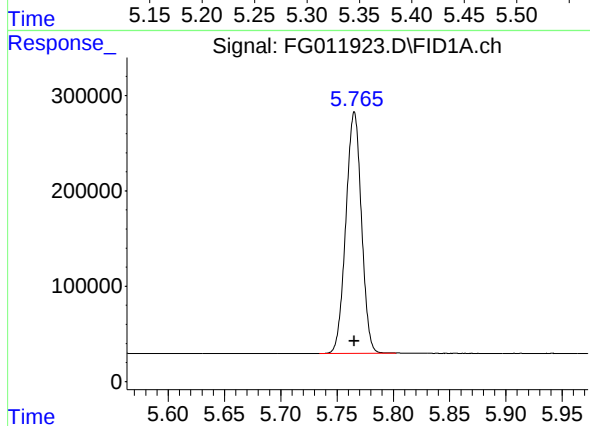
#2 n-Decane (C10)

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 2400328
Conc: 20.35 ug/ml



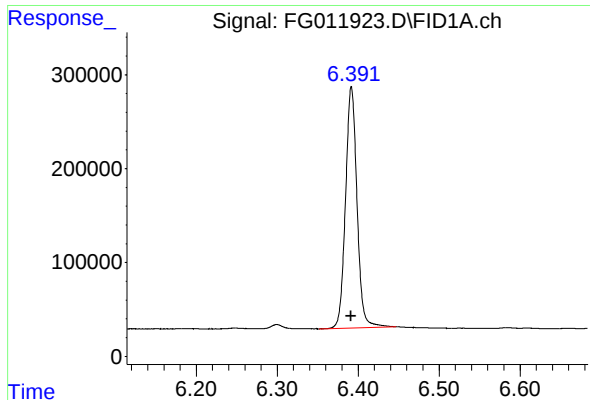
#3 A~Naphthalene (C11.7)

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 2645224
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

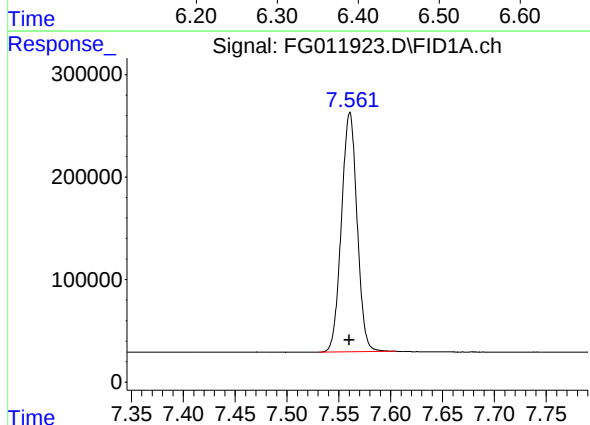
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 2440494
Conc: 20.35 ug/ml



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

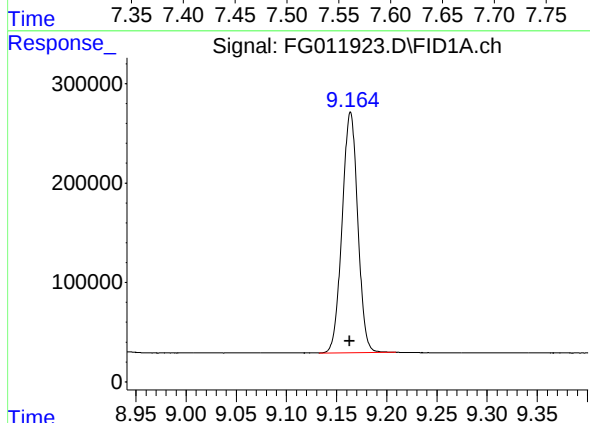
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2530068
Conc: 20.04 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



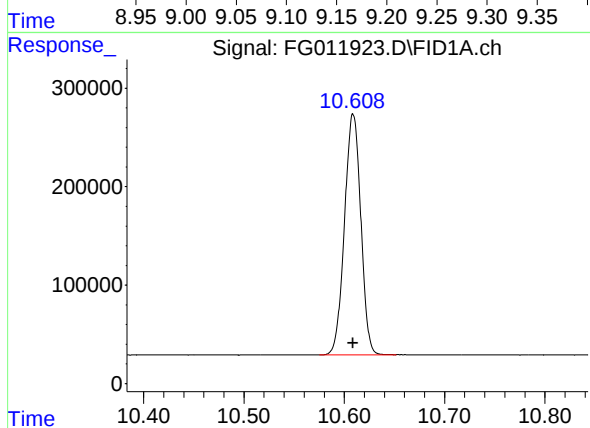
#6 n-Tetradecane (C14)

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 2456921
Conc: 20.23 ug/ml



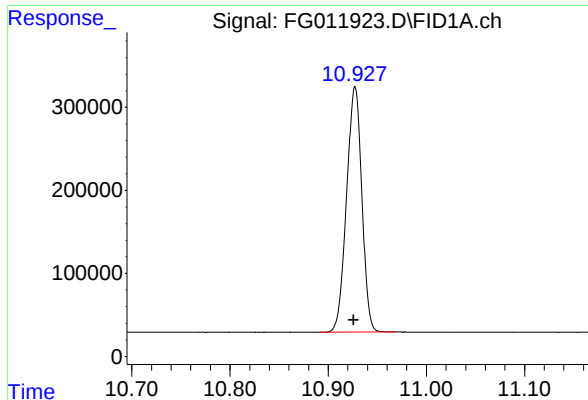
#7 n-Hexadecane (C16)

R.T.: 9.164 min
Delta R.T.: 0.000 min
Response: 2629100
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

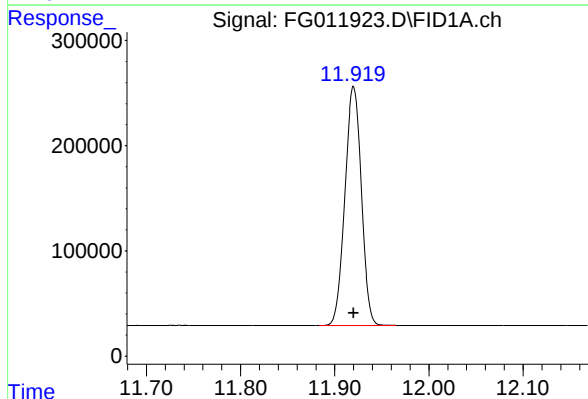
R.T.: 10.609 min
Delta R.T.: 0.000 min
Response: 2765663
Conc: 20.32 ug/ml



#9 ortho-Terphenyl (SURR)

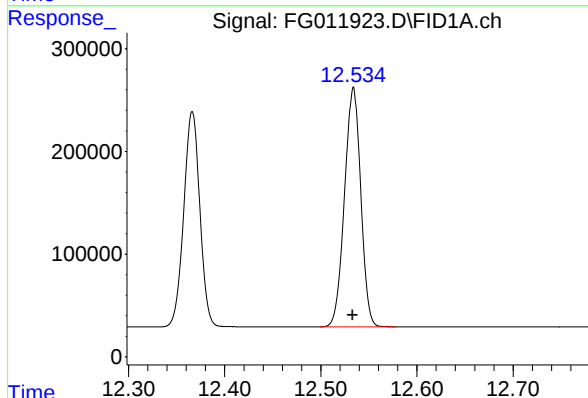
R.T.: 10.927 min
Delta R.T.: 0.001 min
Response: 3203871
Conc: 20.47 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



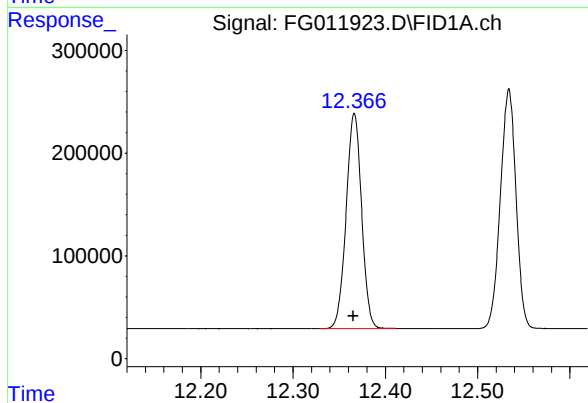
#10 n-Eicosane (C20)

R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 2752206
Conc: 20.39 ug/ml



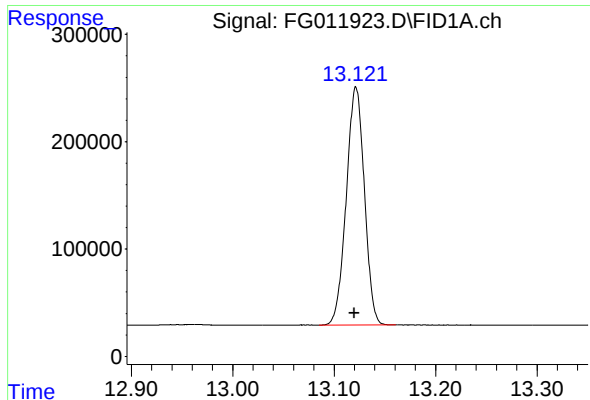
#11 n-Heneicosane (C21)

R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 2744591
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

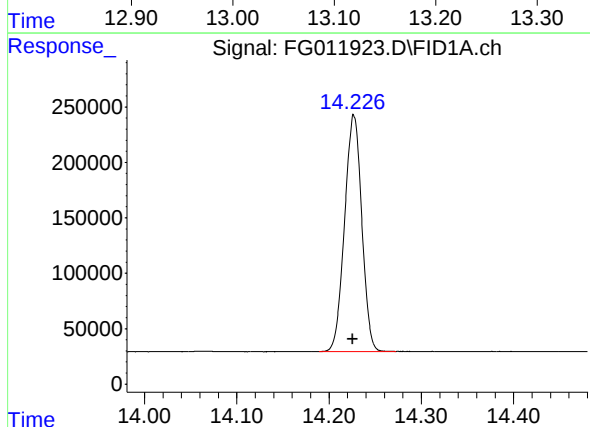
R.T.: 12.366 min
Delta R.T.: 0.001 min
Response: 2438303
Conc: 20.56 ug/ml



#13 n-Docosane (C22)

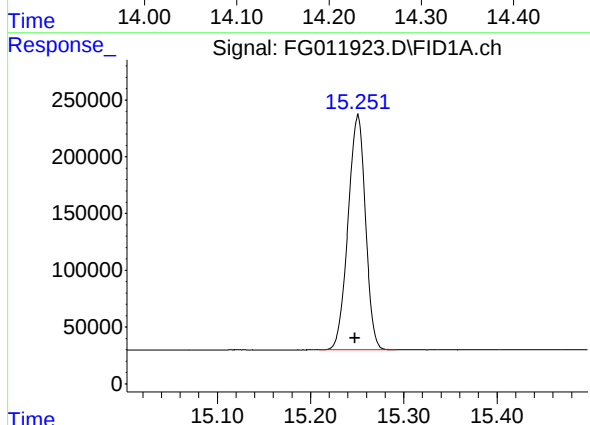
R.T.: 13.122 min
Delta R.T.: 0.002 min
Response: 2753741
Conc: 20.38 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



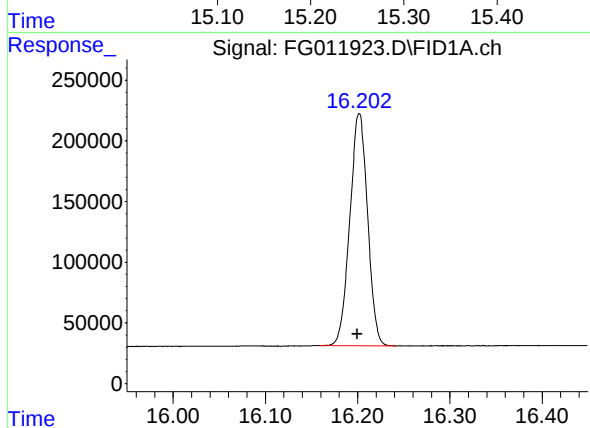
#14 n-Tetracosane (C24)

R.T.: 14.227 min
Delta R.T.: 0.001 min
Response: 2760390
Conc: 20.28 ug/ml



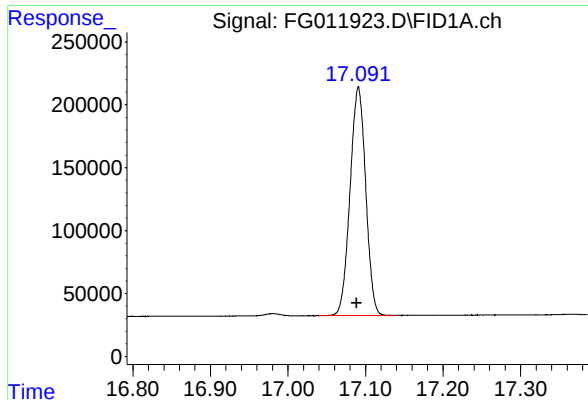
#15 n-Hexacosane (C26)

R.T.: 15.251 min
Delta R.T.: 0.003 min
Response: 2679978
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

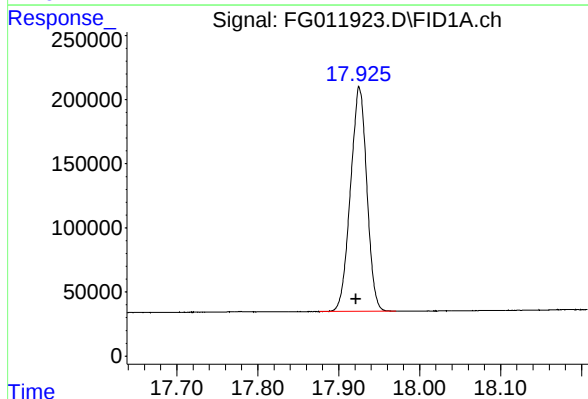
R.T.: 16.202 min
Delta R.T.: 0.002 min
Response: 2560997
Conc: 19.62 ug/ml



#17 n-Tricontane (C30)

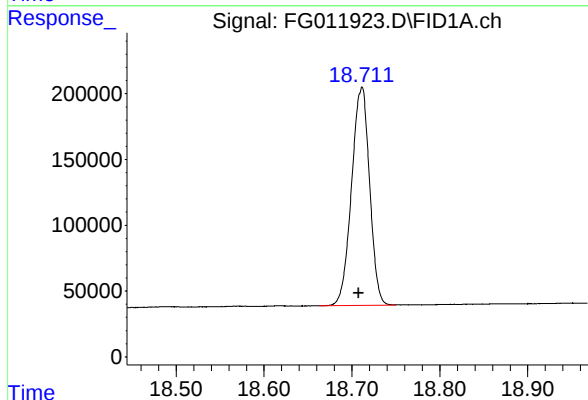
R.T.: 17.091 min
Delta R.T.: 0.002 min
Response: 2544711
Conc: 19.29 ug/ml

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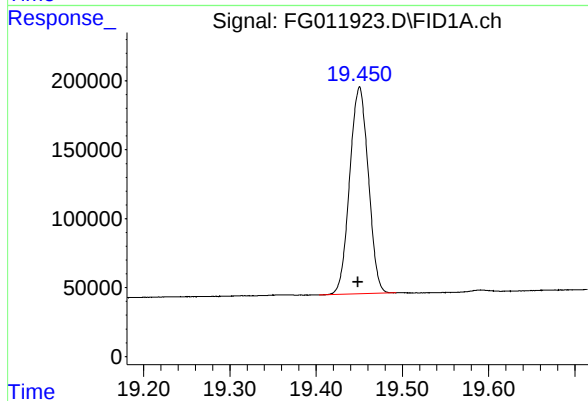
#18 n-Dotriacontane (C32)

R.T.: 17.925 min
Delta R.T.: 0.004 min
Response: 2460137
Conc: 19.15 ug/ml



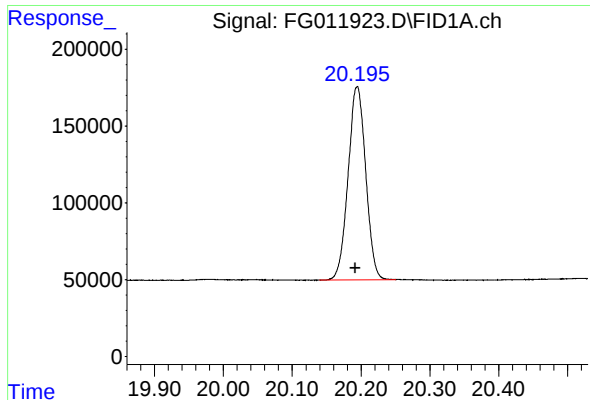
#19 n-Tetatriacontane (C34)

R.T.: 18.711 min
Delta R.T.: 0.004 min
Response: 2361436
Conc: 19.27 ug/ml



#20 n-Hexatriacontane (C36)

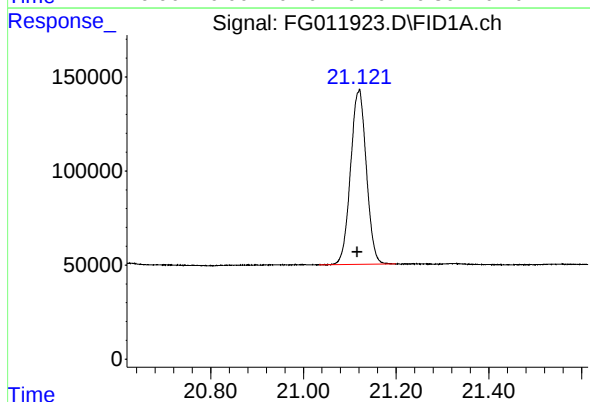
R.T.: 19.451 min
Delta R.T.: 0.002 min
Response: 2252993
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.194 min
Delta R.T.: 0.003 min
Response: 2235637
Conc: 19.90 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.121 min
Delta R.T.: 0.004 min
Response: 2189638
Conc: 20.32 ug/ml