

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123124AL\
 Data File : FG015041.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 09:36
 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: Jan 01 01:06:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:49:57 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)	11.946	3030848	19.212 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	13.391	2375825	18.801 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
Target Compounds			
1) T n-Nonane (C9)	3.289	2520437	19.715 ug/ml
2) T n-Decane (C10)	4.548	2577679	19.778 ug/ml
3) T A~Naphthalene (C11.7)	6.259	2833739	19.741 ug/ml
4) T n-Dodecane (C12)	6.728	2632599	19.925 ug/ml
5) T A~2-methylnaphthalene...	7.361	2769863	19.761 ug/ml
6) T n-Tetradecane (C14)	8.565	2659819	19.939 ug/ml
7) T n-Hexadecane (C16)	10.180	2800997	19.843 ug/ml
8) T n-Octadecane (C18)	11.631	2862310	19.537 ug/ml
10) T n-Eicosane (C20)	12.947	2769619	19.086 ug/ml
11) T n-Heneicosane (C21)	13.561	2726538	18.814 ug/ml
13) T n-Docosane (C22)	14.149	2708248	18.530 ug/ml
14) T n-Tetracosane (C24)	15.256	2675954	17.920 ug/ml
15) T n-Hexacosane (C26)	16.281	2592653	17.277 ug/ml
16) T n-Octacosane (C28)	17.234	2483858	16.592 ug/ml
17) T n-Tricontane (C30)	18.125	2456663	16.005 ug/ml
18) T n-Dotriacontane (C32)	18.959	2314705	15.689 ug/ml
19) T n-Tetratriacontane (C34)	19.747	2006824	15.725 ug/ml
20) T n-Hexatriacontane (C36)	20.489	1718054	15.927 ug/ml
21) T n-Octatriacontane (C38)	21.240	1625198	16.214 ug/ml
22) T n-Tetracontane (C40)	22.177	1596795	16.999 ug/ml

(f)=RT Delta > 1/2 Window

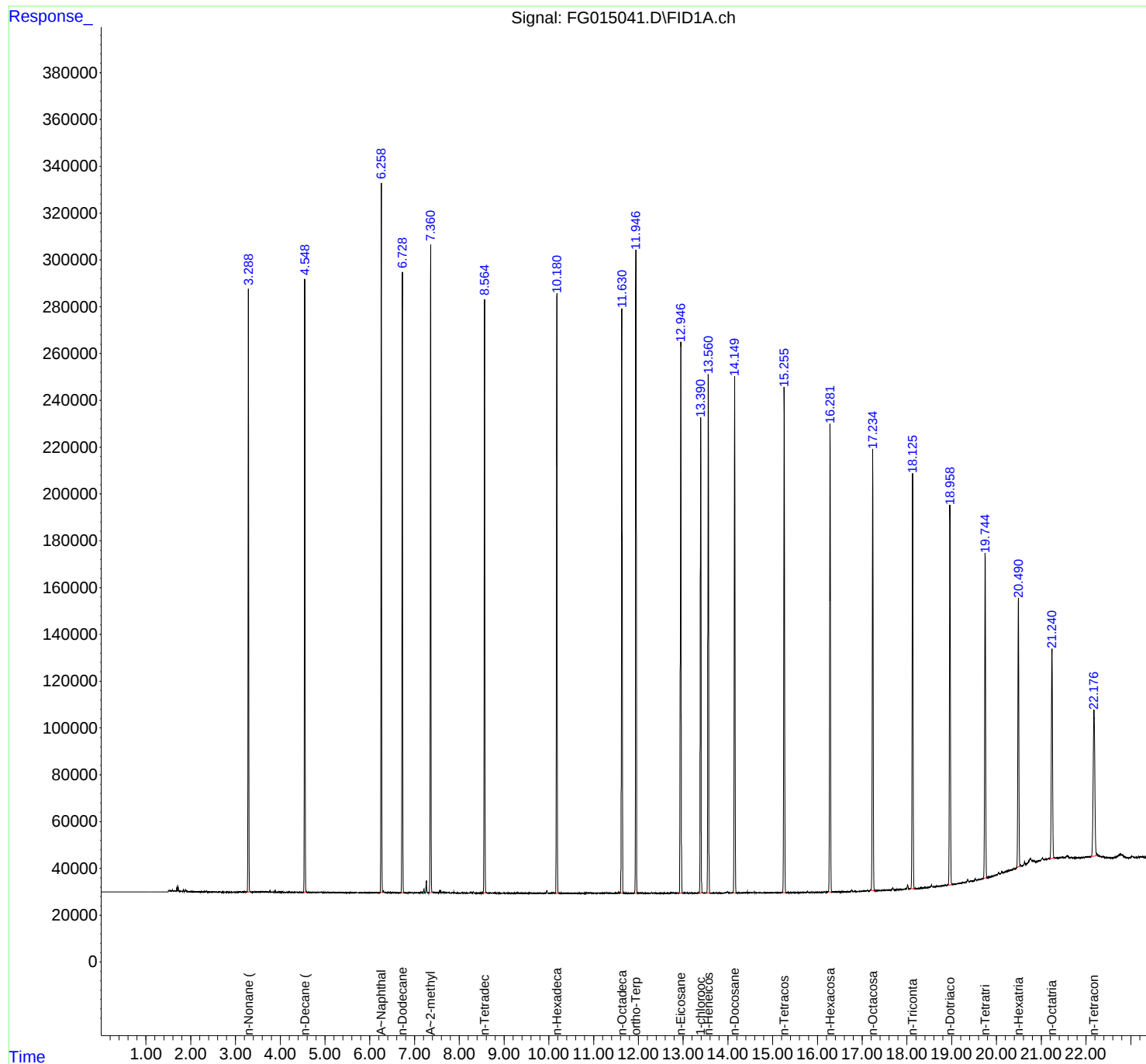
(m)=manual int.

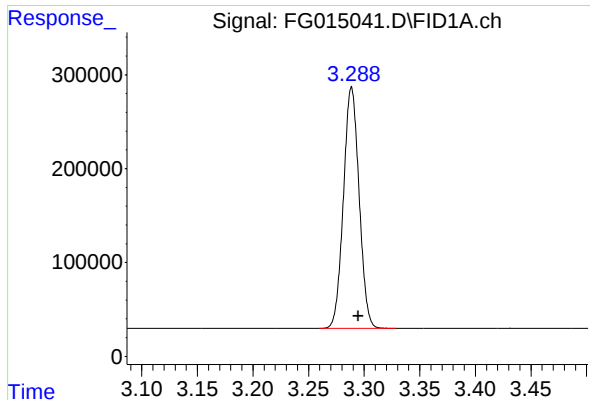
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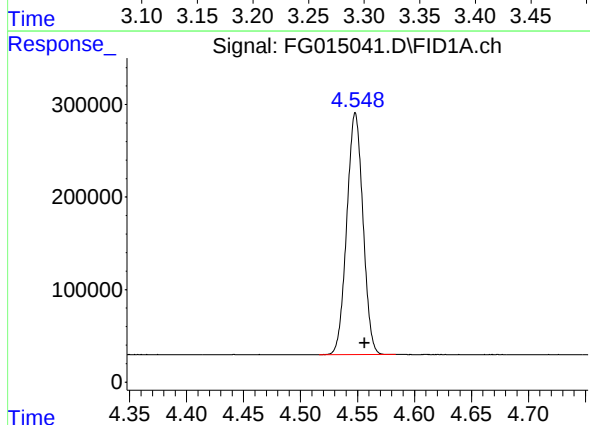




#1 n-Nonane (C9)

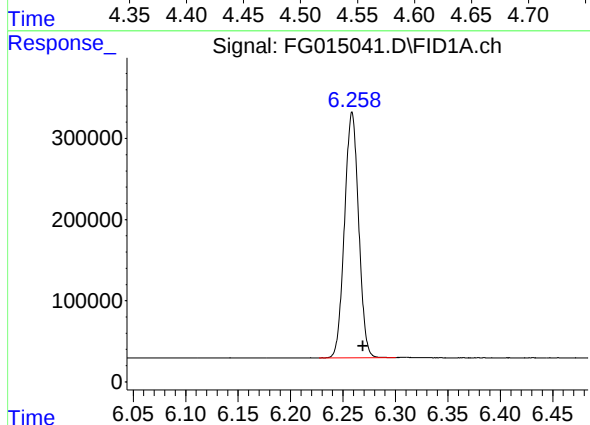
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2520437
Conc: 19.71 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



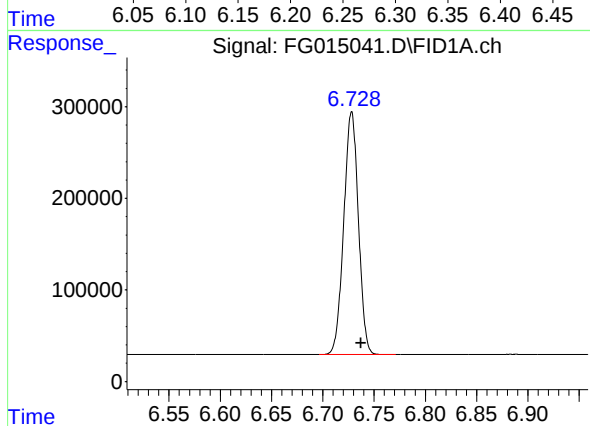
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.008 min
Response: 2577679
Conc: 19.78 ug/ml



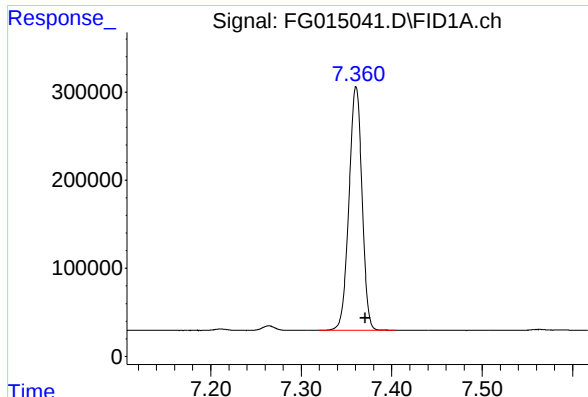
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.010 min
Response: 2833739
Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

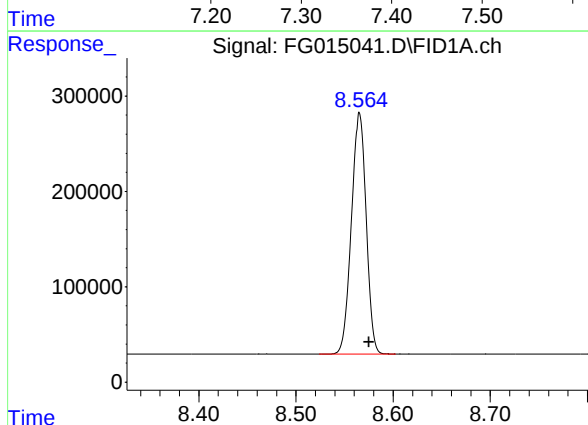
R.T.: 6.728 min
Delta R.T.: -0.009 min
Response: 2632599
Conc: 19.92 ug/ml



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

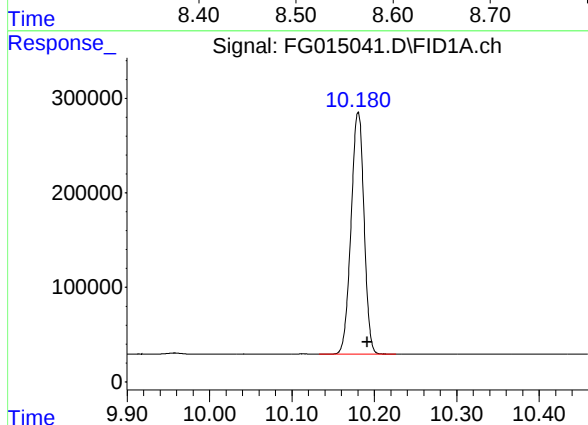
R.T.: 7.361 min
Delta R.T.: -0.010 min
Response: 2769863
Conc: 19.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



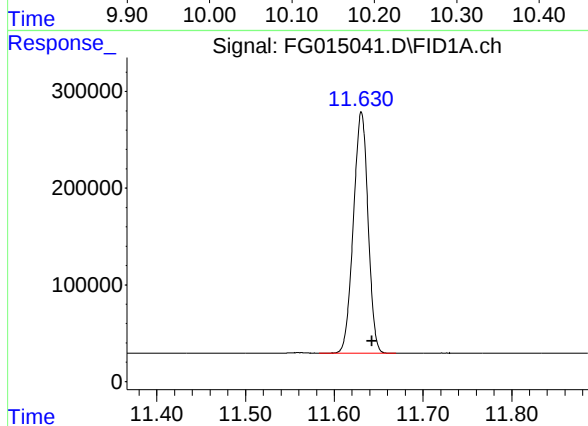
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.010 min
Response: 2659819
Conc: 19.94 ug/ml



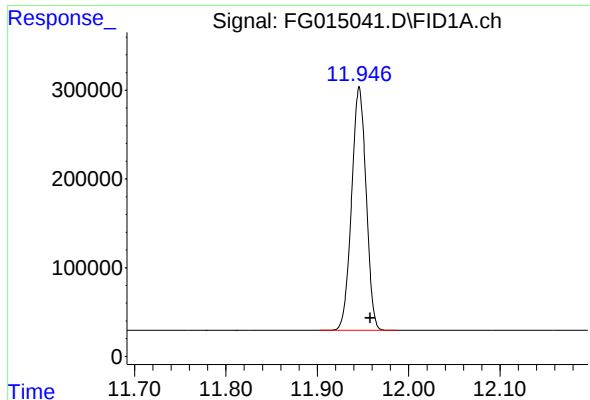
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.011 min
Response: 2800997
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

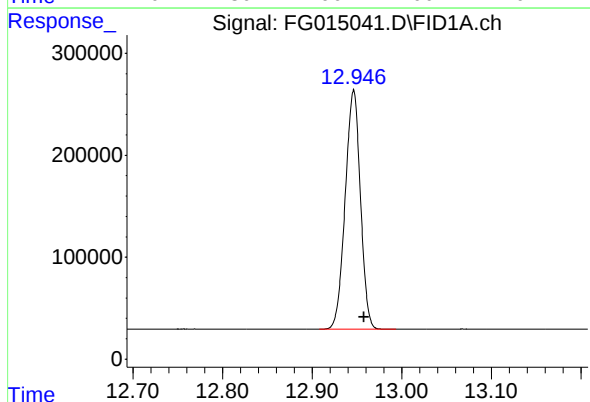
R.T.: 11.631 min
Delta R.T.: -0.012 min
Response: 2862310
Conc: 19.54 ug/ml



#9 ortho-Terphenyl (SURR)

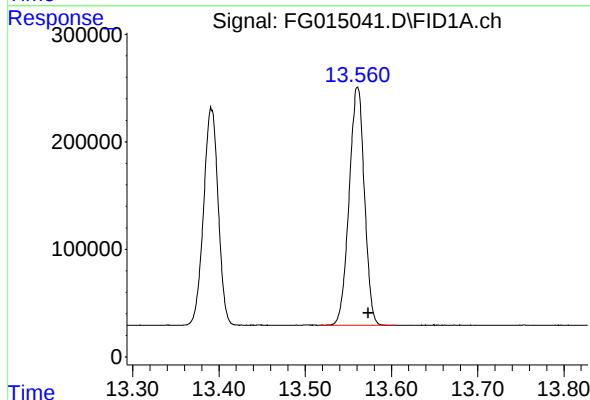
R.T.: 11.946 min
Delta R.T.: -0.012 min
Response: 3030848
Conc: 19.21 ug/ml

Instrument :
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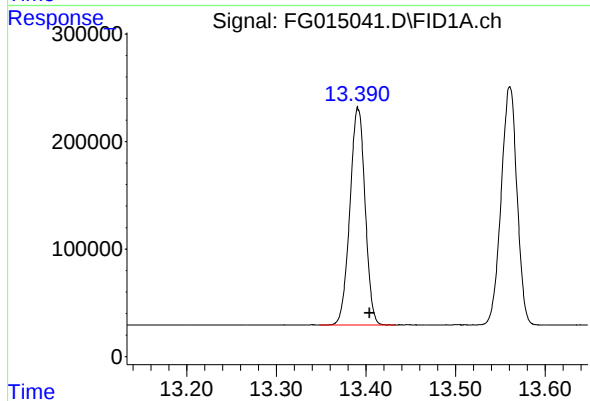
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.011 min
Response: 2769619
Conc: 19.09 ug/ml



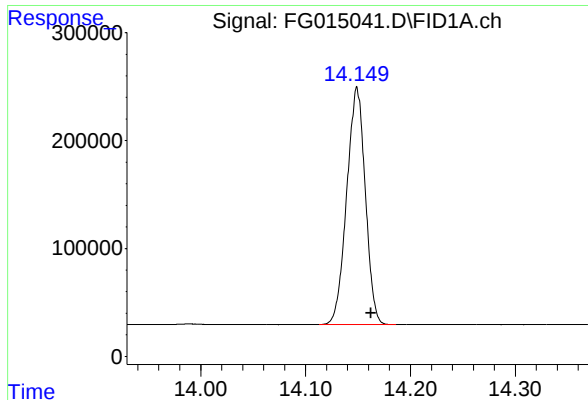
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.013 min
Response: 2726538
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

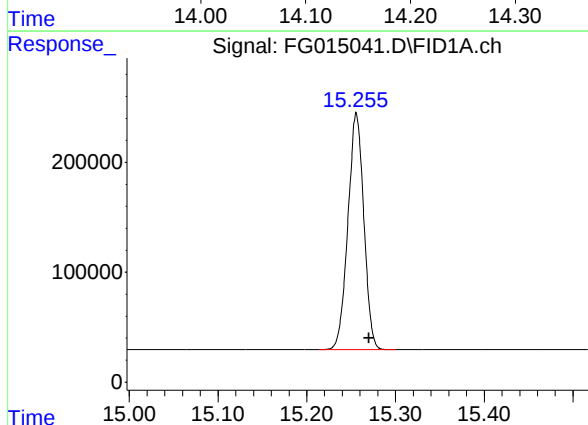
R.T.: 13.391 min
Delta R.T.: -0.013 min
Response: 2375825
Conc: 18.80 ug/ml



#13 n-Docosane (C22)

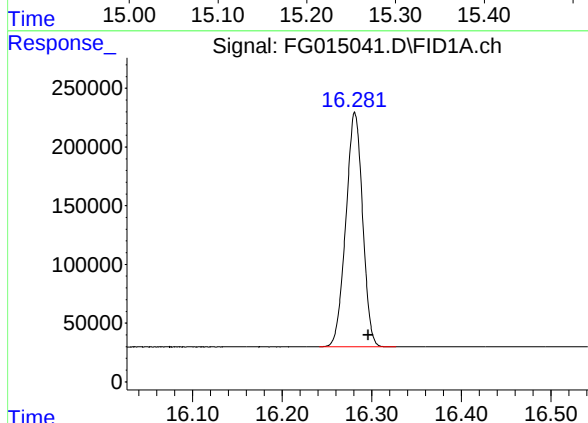
R.T.: 14.149 min
Delta R.T.: -0.013 min
Response: 2708248
Conc: 18.53 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



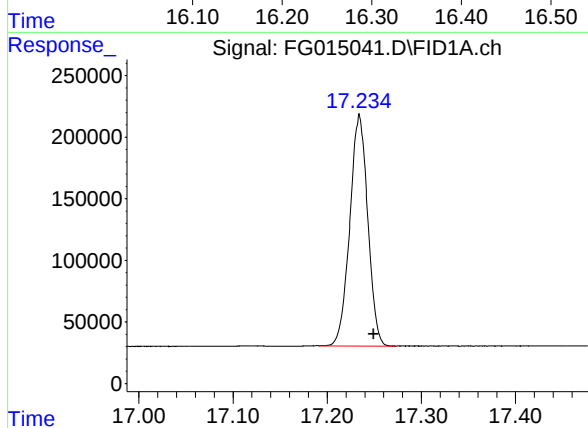
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.014 min
Response: 2675954
Conc: 17.92 ug/ml



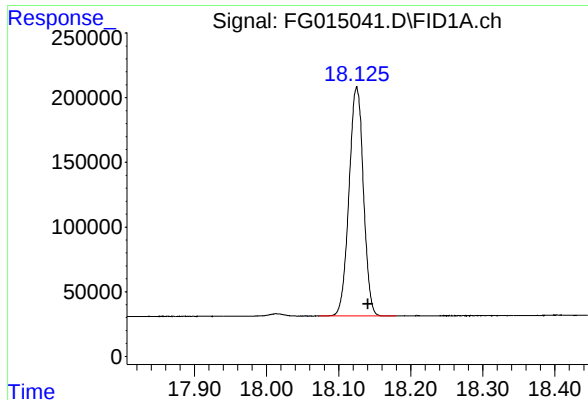
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: -0.015 min
Response: 2592653
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

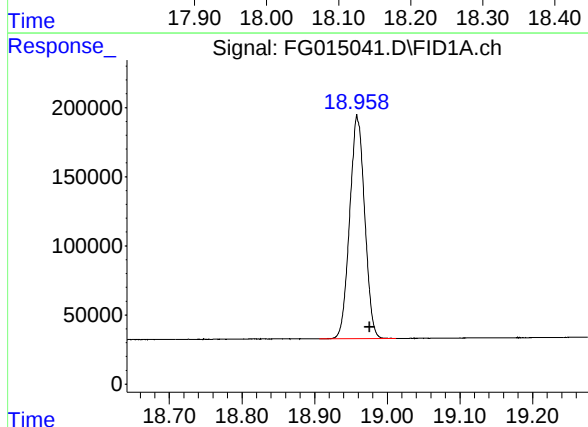
R.T.: 17.234 min
Delta R.T.: -0.015 min
Response: 2483858
Conc: 16.59 ug/ml



#17 n-Tricontane (C30)

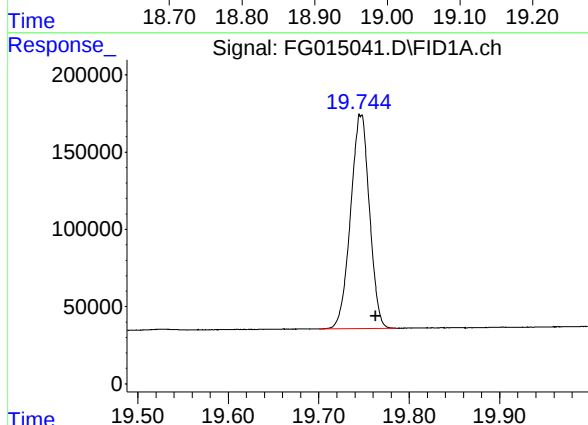
R.T.: 18.125 min
Delta R.T.: -0.016 min
Response: 2456663
Conc: 16.00 ug/ml

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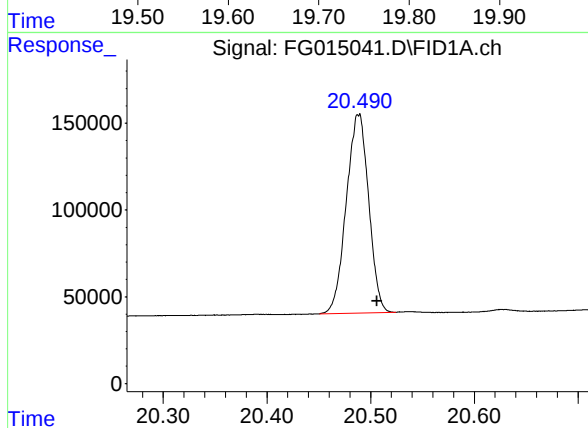
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: -0.017 min
Response: 2314705
Conc: 15.69 ug/ml



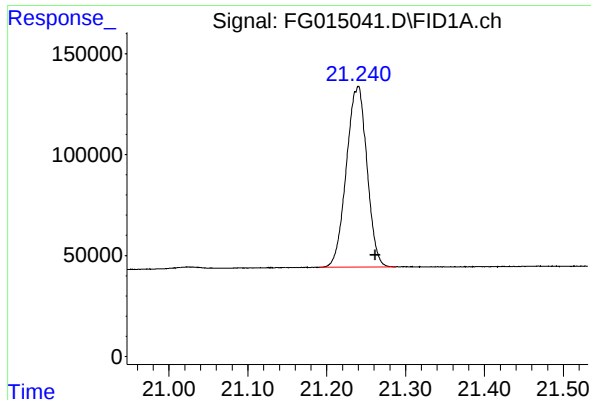
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: -0.016 min
Response: 2006824
Conc: 15.72 ug/ml



#20 n-Hexatriacontane (C36)

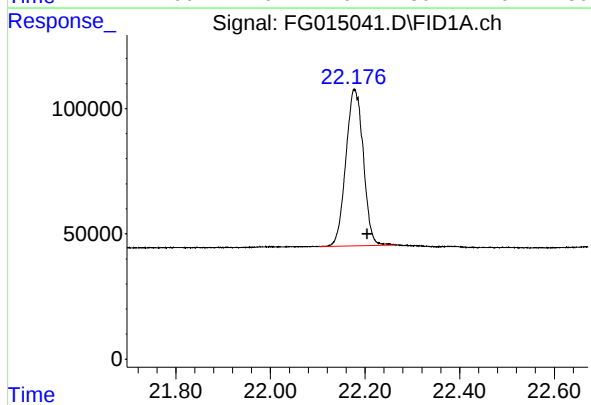
R.T.: 20.489 min
Delta R.T.: -0.018 min
Response: 1718054
Conc: 15.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: -0.021 min
Response: 1625198
Conc: 16.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.177 min
Delta R.T.: -0.027 min
Response: 1596795
Conc: 17.00 ug/ml