

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070323AL\
 Data File : FG012331.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 15:00
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 03:12:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 14:37:23 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)	10.894	2962778	19.583 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	12.332	2201080	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	2.740	2281775	19.267 ug/ml
2) T n-Decane (C10)	3.749	2346569	19.274 ug/ml
3) T A~Naphthalene (C11.7)	5.315	2643895	19.292 ug/ml
4) T n-Dodecane (C12)	5.739	2391842	19.141 ug/ml
5) T A~2-methylnaphthalene...	6.365	2519260	19.269 ug/ml
6) T n-Tetradecane (C14)	7.532	2403048	19.182 ug/ml
7) T n-Hexadecane (C16)	9.134	2548269	19.328 ug/ml
8) T n-Octadecane (C18)	10.576	2637896	19.393 ug/ml
10) T n-Eicosane (C20)	11.887	2560262	19.478 ug/ml
11) T n-Heneicosane (C21)	12.500	2513636	19.601 ug/ml
13) T n-Docosane (C22)	13.086	2496597	19.668 ug/ml
14) T n-Tetracosane (C24)	14.190	2586736	19.435 ug/ml
15) T n-Hexacosane (C26)	15.212	2389873	19.491 ug/ml
16) T n-Octacosane (C28)	16.164	2343749	19.377 ug/ml
17) T n-Tricontane (C30)	17.052	2395161	19.251 ug/ml
18) T n-Dotriacontane (C32)	17.886	2380103	19.205 ug/ml
19) T n-Tetratriacontane (C34)	18.670	2309519	19.310 ug/mlm
20) T n-Hexatriacontane (C36)	19.413	2212197	19.196 ug/ml
21) T n-Octatriacontane (C38)	20.147	2198344	19.235 ug/ml
22) T n-Tetracontane (C40)	21.060	2196931	19.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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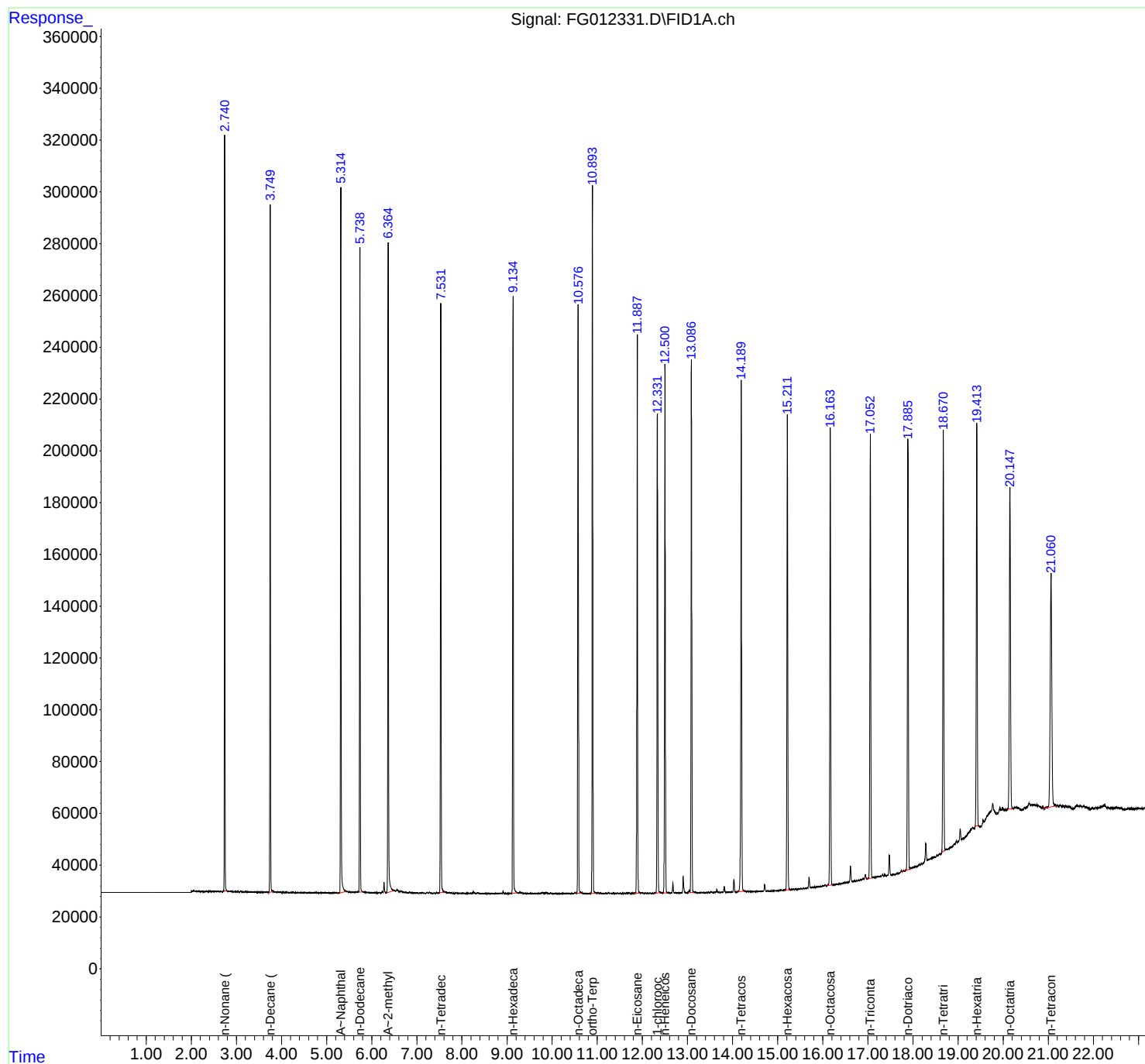
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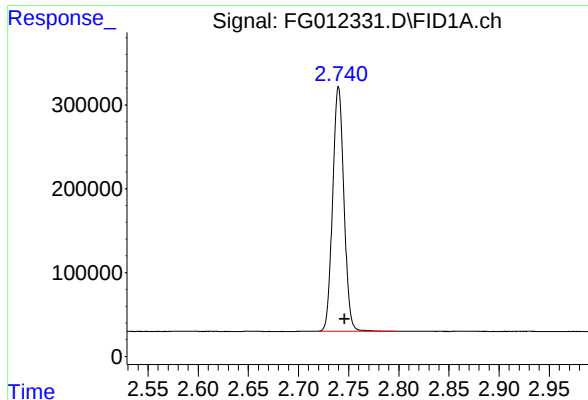
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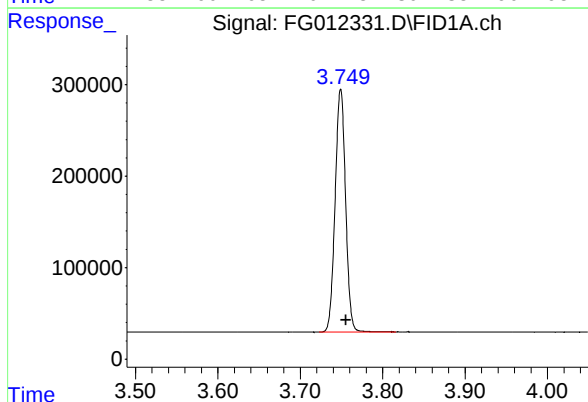
#1 n-Nonane (C9)

R.T.: 2.740 min
Delta R.T.: -0.006 min
Response: 2281775
Conc: 19.27 ug/ml

Instrument :
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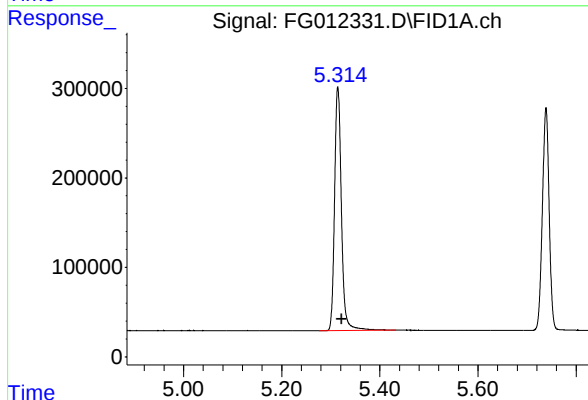
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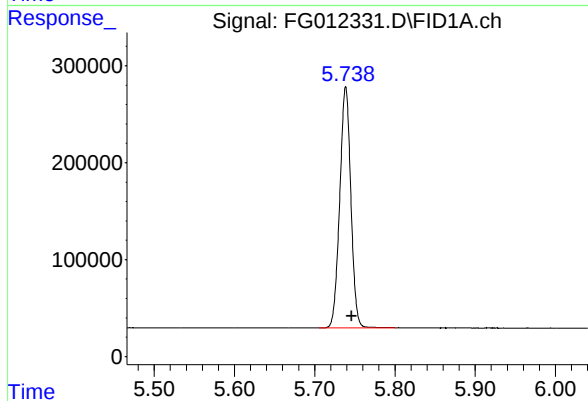
#2 n-Decane (C10)

R.T.: 3.749 min
Delta R.T.: -0.006 min
Response: 2346569
Conc: 19.27 ug/ml



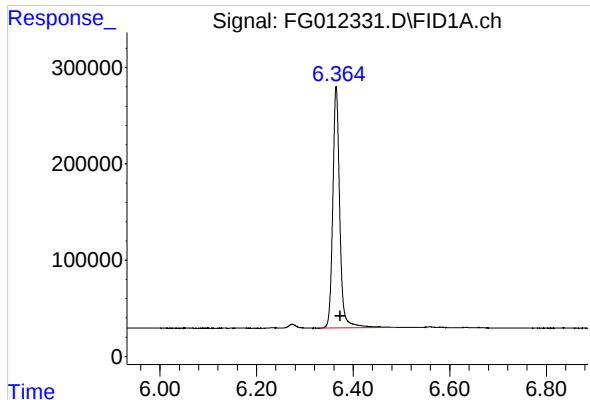
#3 A~Naphthalene (C11.7)

R.T.: 5.315 min
Delta R.T.: -0.008 min
Response: 2643895
Conc: 19.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.739 min
Delta R.T.: -0.008 min
Response: 2391842
Conc: 19.14 ug/ml



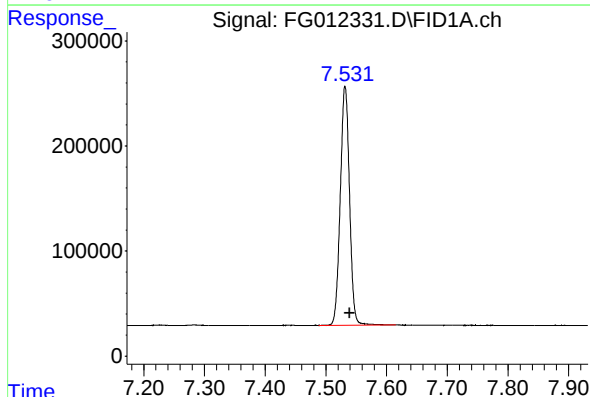
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.365 min
Delta R.T.: -0.008 min
Response: 2519260
Conc: 19.27 ug/ml

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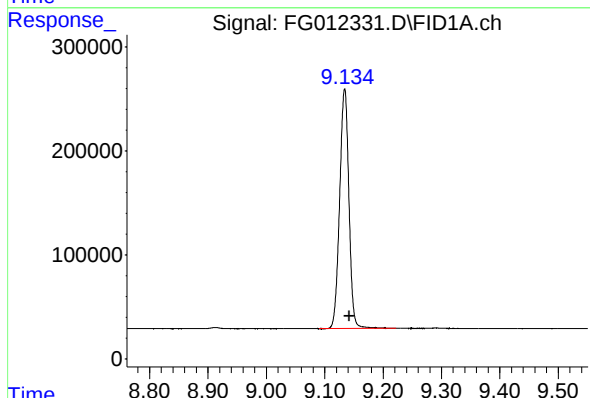
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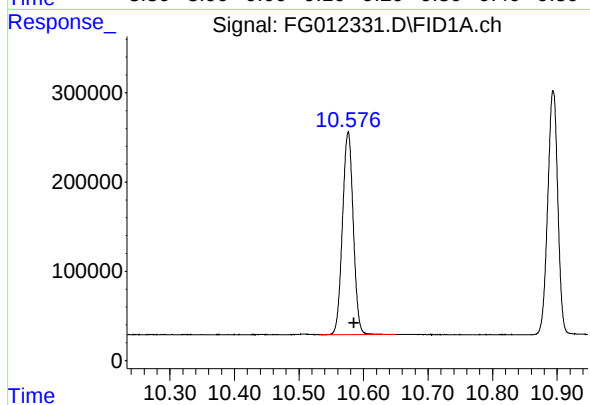
#6 n-Tetradecane (C14)

R.T.: 7.532 min
Delta R.T.: -0.008 min
Response: 2403048
Conc: 19.18 ug/ml



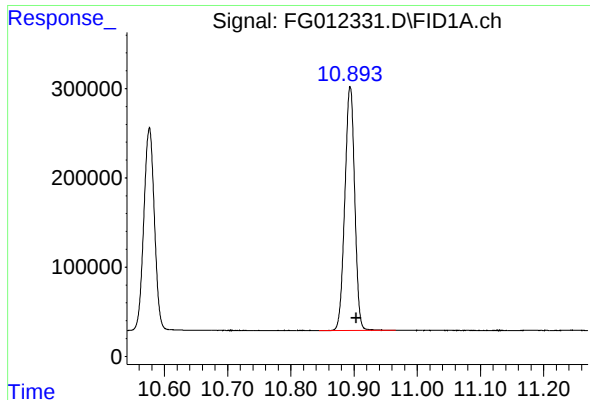
#7 n-Hexadecane (C16)

R.T.: 9.134 min
Delta R.T.: -0.008 min
Response: 2548269
Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.576 min
Delta R.T.: -0.009 min
Response: 2637896
Conc: 19.39 ug/ml



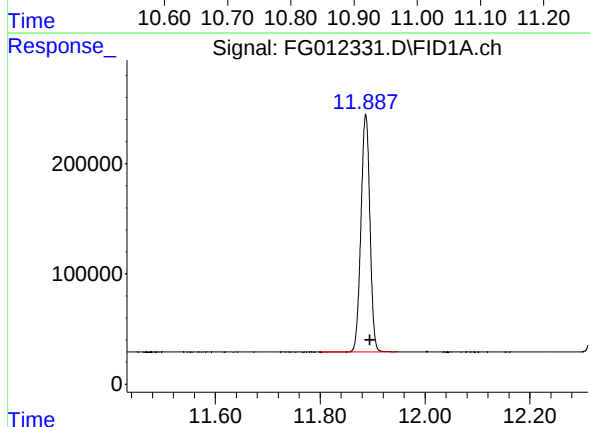
#9 ortho-Terphenyl (SURR)

R.T.: 10.894 min
Delta R.T.: -0.009 min
Response: 2962778
Conc: 19.58 ug/ml

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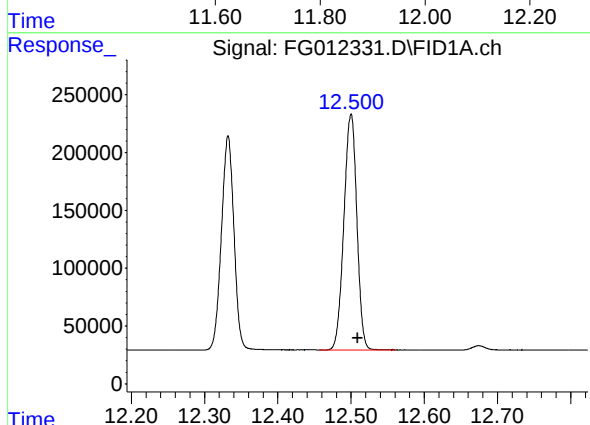
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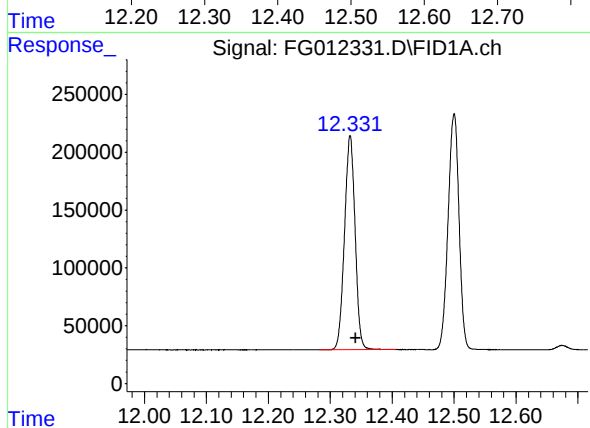
#10 n-Eicosane (C20)

R.T.: 11.887 min
Delta R.T.: -0.008 min
Response: 2560262
Conc: 19.48 ug/ml



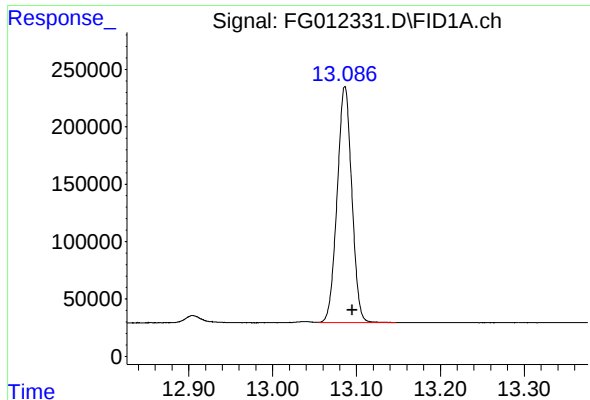
#11 n-Heneicosane (C21)

R.T.: 12.500 min
Delta R.T.: -0.008 min
Response: 2513636
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.332 min
Delta R.T.: -0.009 min
Response: 2201080
Conc: 19.54 ug/ml



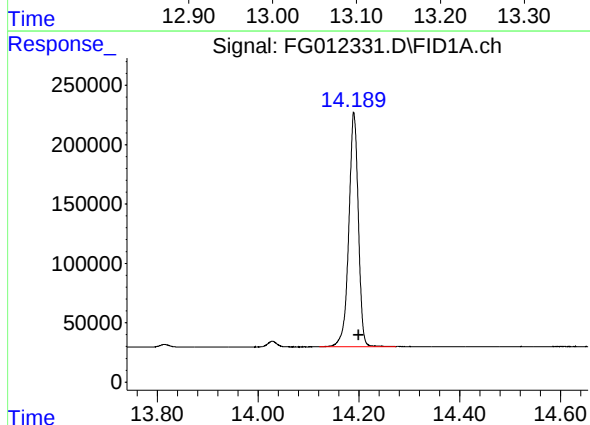
#13 n-Docosane (C22)

R.T.: 13.086 min
Delta R.T.: -0.009 min
Response: 2496597
Conc: 19.67 ug/ml

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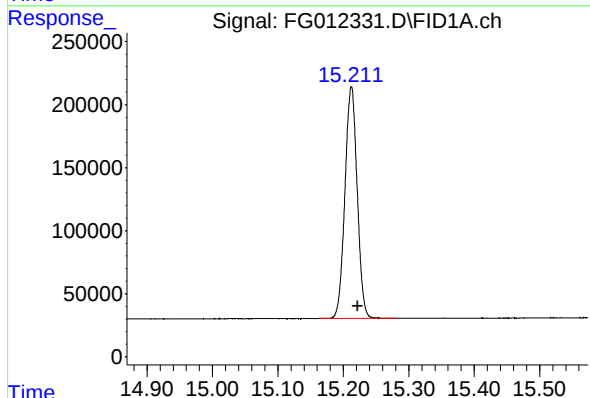
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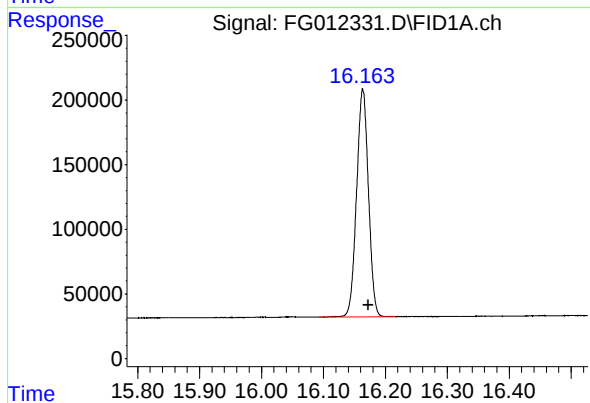
#14 n-Tetracosane (C24)

R.T.: 14.190 min
Delta R.T.: -0.010 min
Response: 2586736
Conc: 19.44 ug/ml



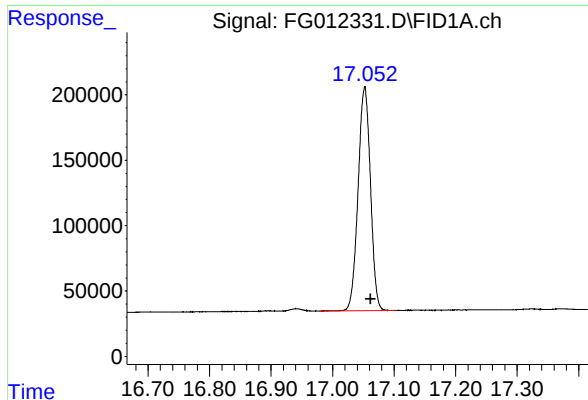
#15 n-Hexacosane (C26)

R.T.: 15.212 min
Delta R.T.: -0.009 min
Response: 2389873
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.164 min
Delta R.T.: -0.009 min
Response: 2343749
Conc: 19.38 ug/ml



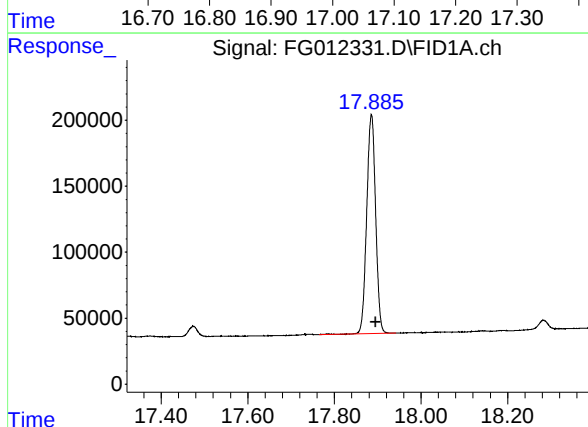
#17 n-Tricontane (C30)

R.T.: 17.052 min
Delta R.T.: -0.009 min
Response: 2395161
Conc: 19.25 ug/ml

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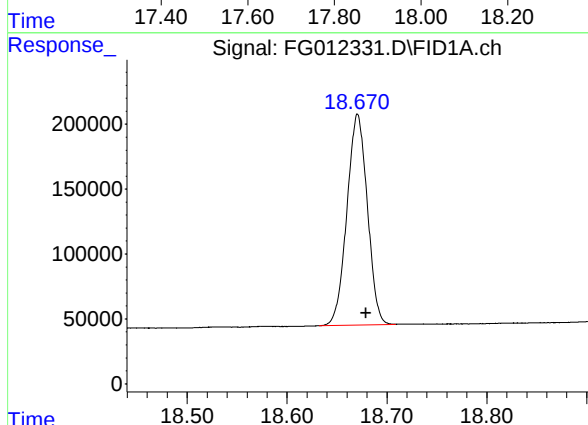
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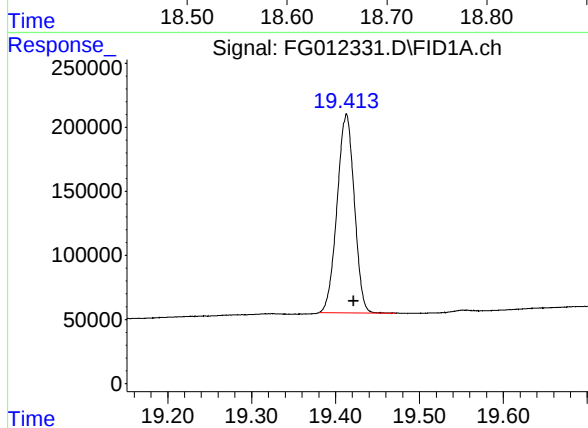
#18 n-Dotriacontane (C32)

R.T.: 17.886 min
Delta R.T.: -0.010 min
Response: 2380103
Conc: 19.21 ug/ml



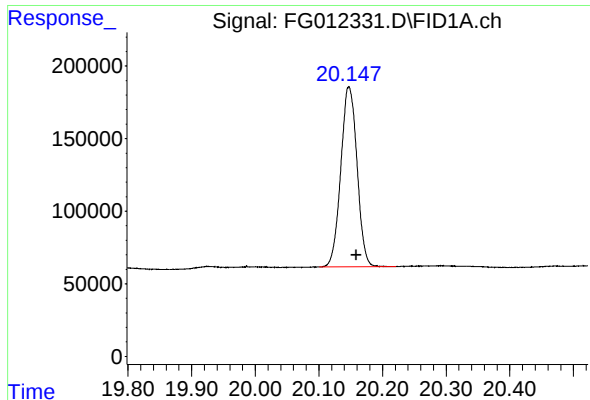
#19 n-Tetratriacontane (C34)

R.T.: 18.670 min
Delta R.T.: -0.009 min
Response: 2309519
Conc: 19.31 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.413 min
Delta R.T.: -0.008 min
Response: 2212197
Conc: 19.20 ug/ml



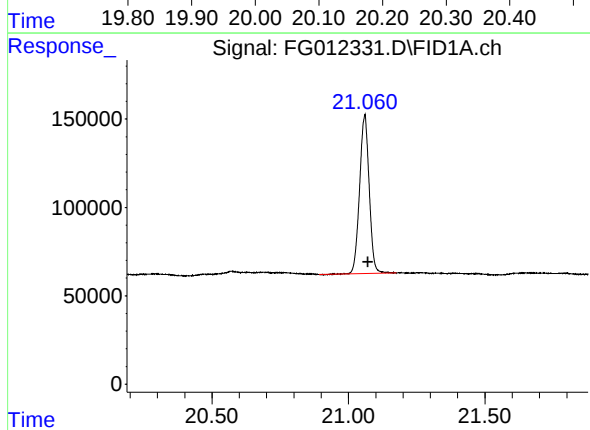
#21 n-Octatriacontane (C38)

R.T.: 20.147 min
Delta R.T.: -0.012 min
Response: 2198344
Conc: 19.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.060 min
Delta R.T.: -0.012 min
Response: 2196931
Conc: 19.41 ug/ml