

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061323AL\
 Data File : FG012164.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2023 07:10
 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 06/14/2023
 Supervised By :Ankita Jodhani 06/14/2023

Integration File: autoint1.e
 Quant Time: Jun 14 00:44:50 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)	10.909	3541753	22.628 ug/ml
Spiked Amount 50.000		Recovery =	45.26%
12) S 1-chlorooctadecane (S...	12.347	2655885	22.397 ug/ml
Spiked Amount 50.000		Recovery =	44.79%
Target Compounds			
1) T n-Nonane (C9)	2.750	2652823	23.041 ug/ml
2) T n-Decane (C10)	3.760	2722265	23.079 ug/ml
3) T A~Naphthalene (C11.7)	5.327	3082967	23.520 ug/ml
4) T n-Dodecane (C12)	5.751	2760539	23.016 ug/ml
5) T A~2-methylnaphthalene...	6.378	2953298	23.395 ug/ml
6) T n-Tetradecane (C14)	7.545	2767712	22.792 ug/ml
7) T n-Hexadecane (C16)	9.147	2933371	22.593 ug/ml
8) T n-Octadecane (C18)	10.591	3060652	22.486 ug/ml
10) T n-Eicosane (C20)	11.903	3016797	22.355 ug/ml
11) T n-Heneicosane (C21)	12.515	2993990	22.275 ug/ml
13) T n-Docosane (C22)	13.102	2999942	22.201 ug/ml
14) T n-Tetracosane (C24)	14.208	2965618	21.790 ug/ml
15) T n-Hexacosane (C26)	15.230	2854695	21.339 ug/ml
16) T n-Octacosane (C28)	16.182	2744945	21.026 ug/ml
17) T n-Tricontane (C30)	17.071	2748430	20.839 ug/ml
18) T n-Dotriacontane (C32)	17.904	2716433	21.145 ug/ml
19) T n-Tetratriacontane (C34)	18.688	2646310	21.598 ug/mlm
20) T n-Hexatriacontane (C36)	19.432	2572790	22.116 ug/mlm
21) T n-Octatriacontane (C38)	20.172	2544096	22.643 ug/ml
22) T n-Tetracontane (C40)	21.091	2505911	23.258 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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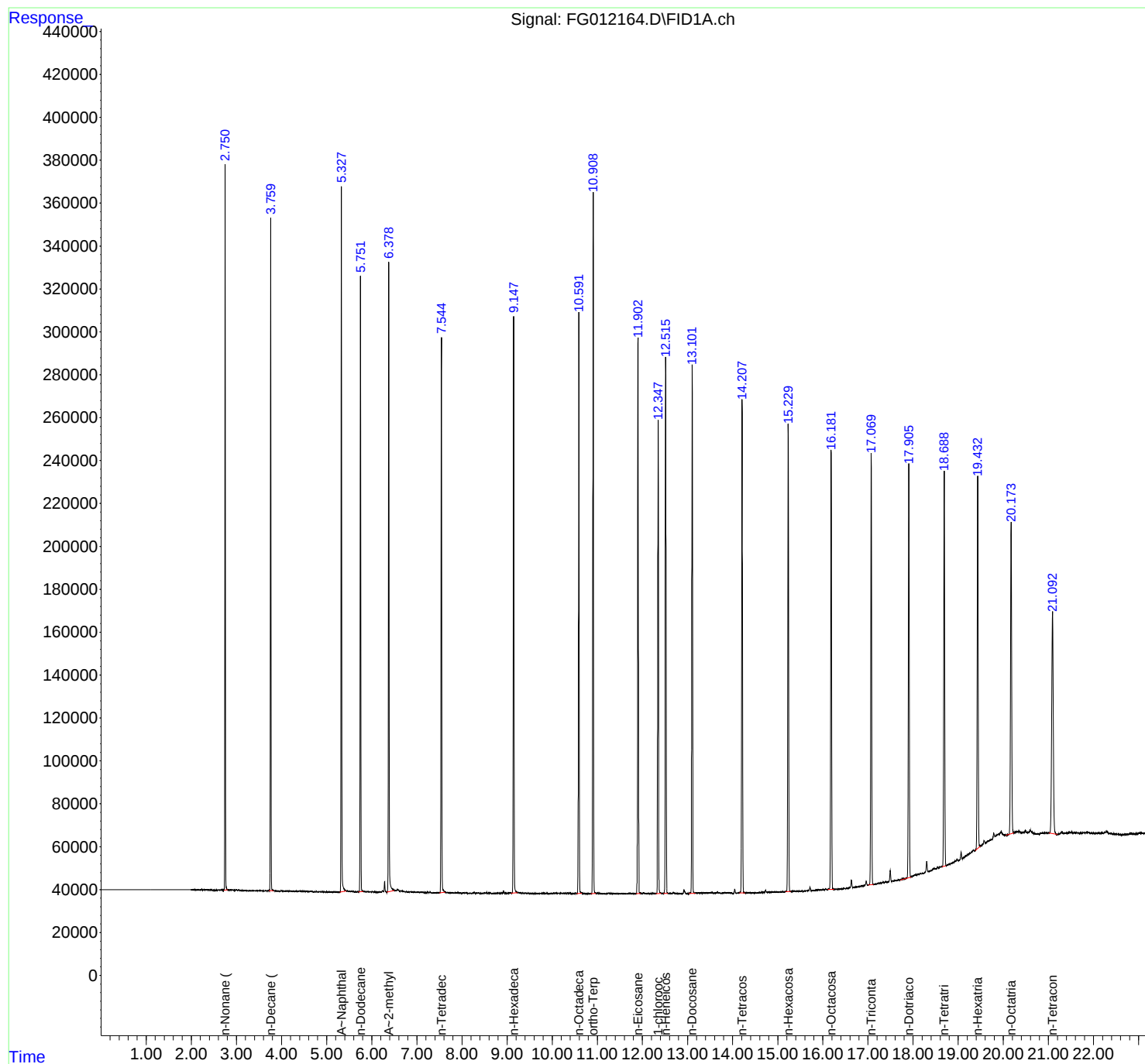
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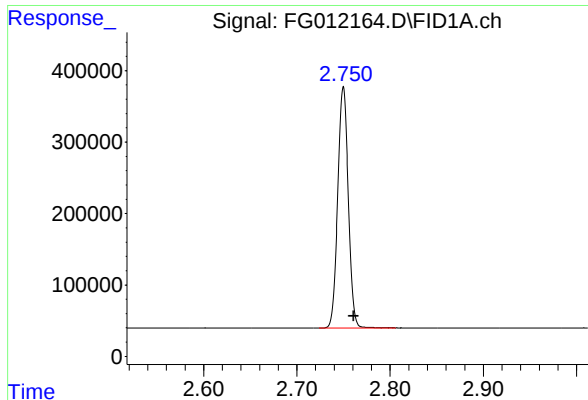
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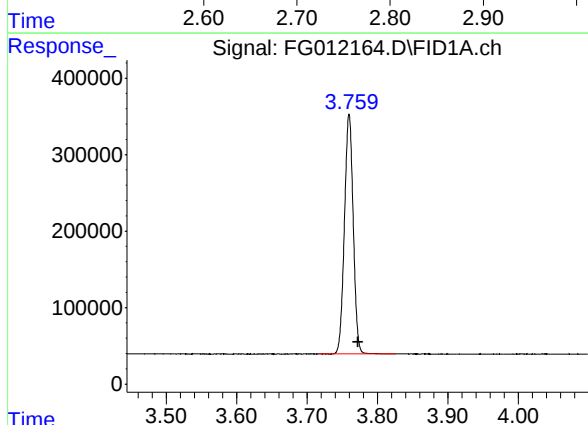
#1 n-Nonane (C9)

R.T.: 2.750 min
Delta R.T.: -0.011 min
Response: 2652823
Conc: 23.04 ug/ml

Instrument :
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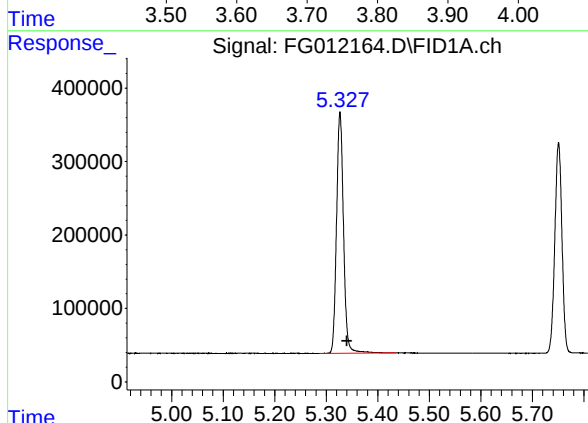
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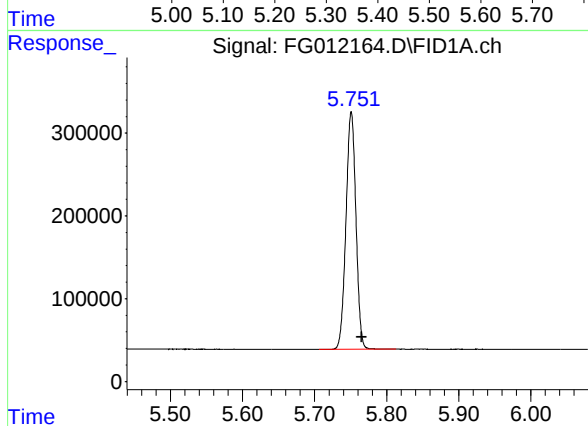
#2 n-Decane (C10)

R.T.: 3.760 min
Delta R.T.: -0.013 min
Response: 2722265
Conc: 23.08 ug/ml



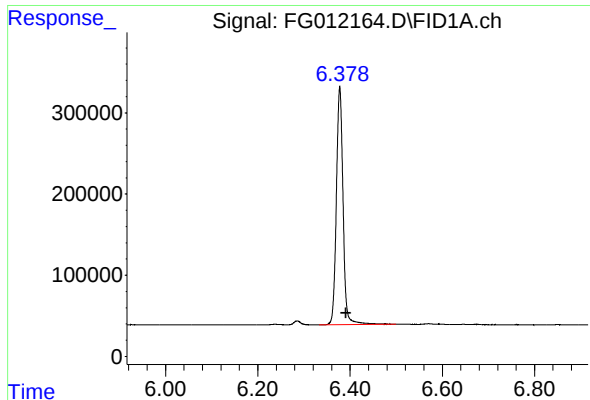
#3 A~Naphthalene (C11.7)

R.T.: 5.327 min
Delta R.T.: -0.013 min
Response: 3082967
Conc: 23.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.751 min
Delta R.T.: -0.014 min
Response: 2760539
Conc: 23.02 ug/ml



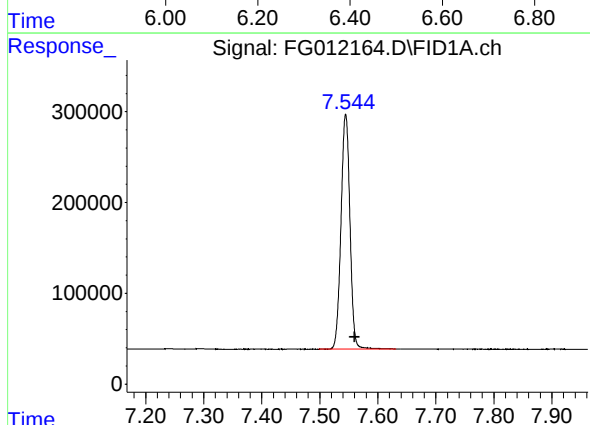
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.378 min
Delta R.T.: -0.013 min
Response: 2953298
Conc: 23.40 ug/ml

Instrument :
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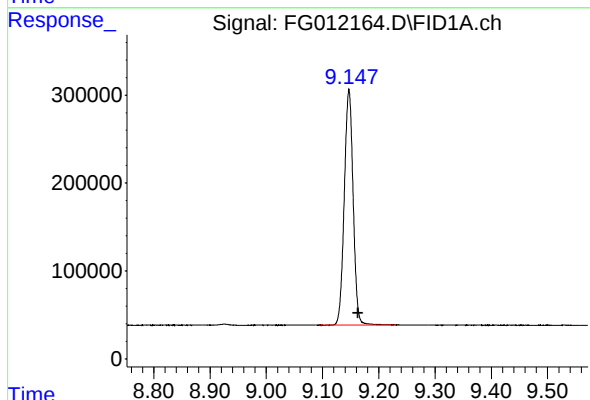
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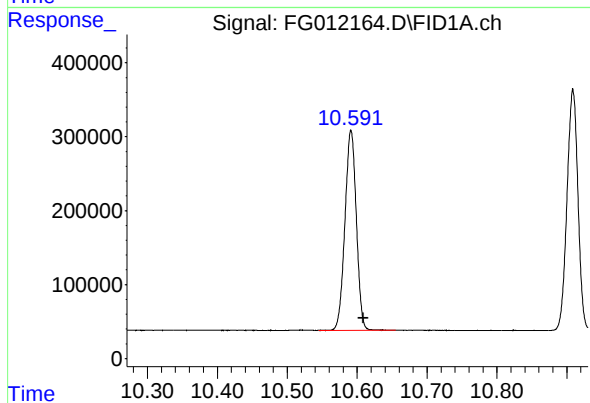
#6 n-Tetradecane (C14)

R.T.: 7.545 min
Delta R.T.: -0.015 min
Response: 2767712
Conc: 22.79 ug/ml



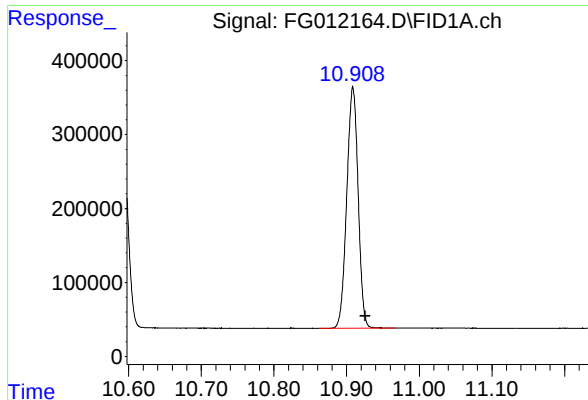
#7 n-Hexadecane (C16)

R.T.: 9.147 min
Delta R.T.: -0.016 min
Response: 2933371
Conc: 22.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.591 min
Delta R.T.: -0.017 min
Response: 3060652
Conc: 22.49 ug/ml



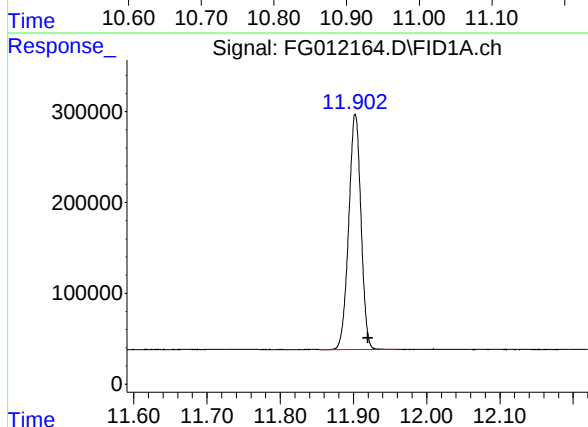
#9 ortho-Terphenyl (SURR)

R.T.: 10.909 min
Delta R.T.: -0.017 min
Response: 3541753
Conc: 22.63 ug/ml

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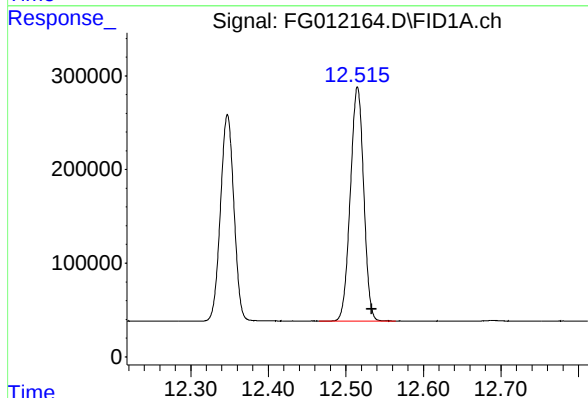
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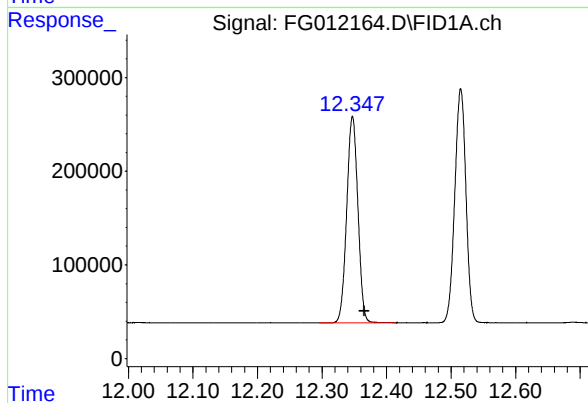
#10 n-Eicosane (C20)

R.T.: 11.903 min
Delta R.T.: -0.017 min
Response: 3016797
Conc: 22.35 ug/ml



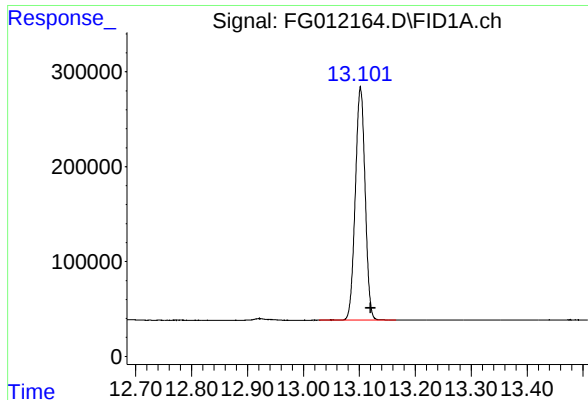
#11 n-Heneicosane (C21)

R.T.: 12.515 min
Delta R.T.: -0.018 min
Response: 2993990
Conc: 22.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.347 min
Delta R.T.: -0.018 min
Response: 2655885
Conc: 22.40 ug/ml



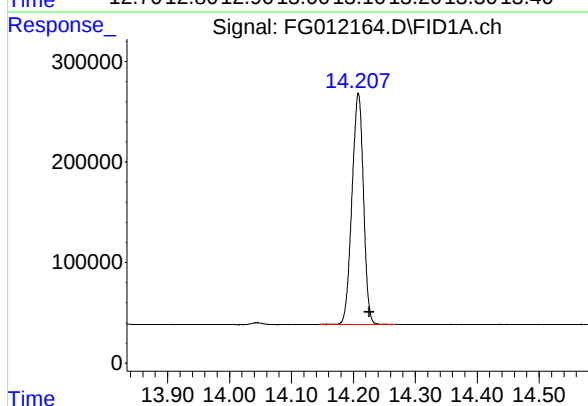
#13 n-Docosane (C22)

R.T.: 13.102 min
Delta R.T.: -0.018 min
Response: 2999942
Conc: 22.20 ug/ml

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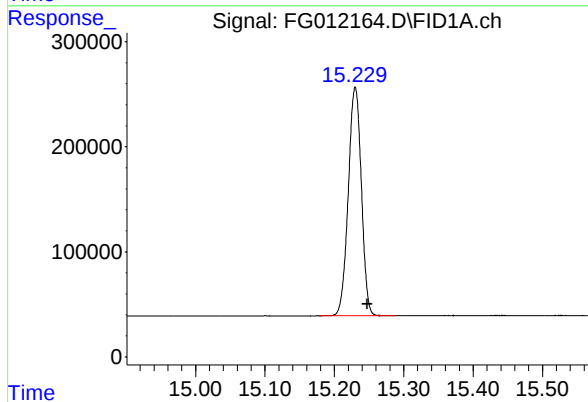
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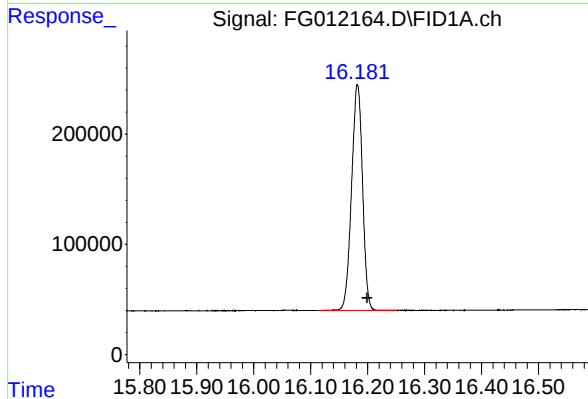
#14 n-Tetracosane (C24)

R.T.: 14.208 min
Delta R.T.: -0.018 min
Response: 2965618
Conc: 21.79 ug/ml



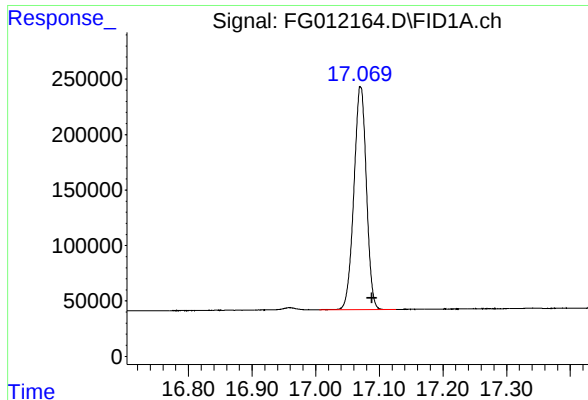
#15 n-Hexacosane (C26)

R.T.: 15.230 min
Delta R.T.: -0.017 min
Response: 2854695
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.182 min
Delta R.T.: -0.017 min
Response: 2744945
Conc: 21.03 ug/ml



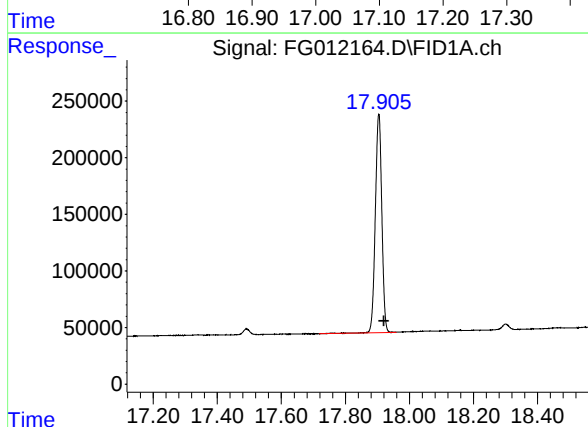
#17 n-Tricontane (C30)

R.T.: 17.071 min
Delta R.T.: -0.018 min
Response: 2748430
Conc: 20.84 ug/ml

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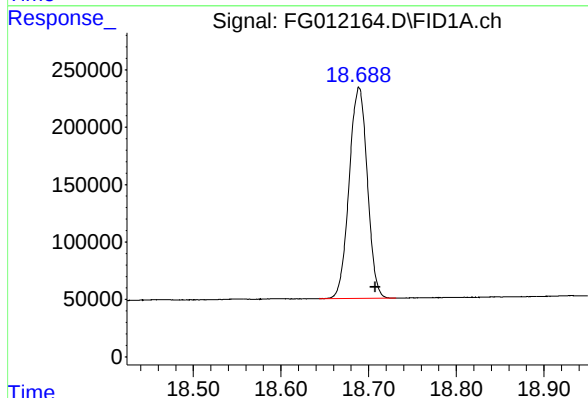
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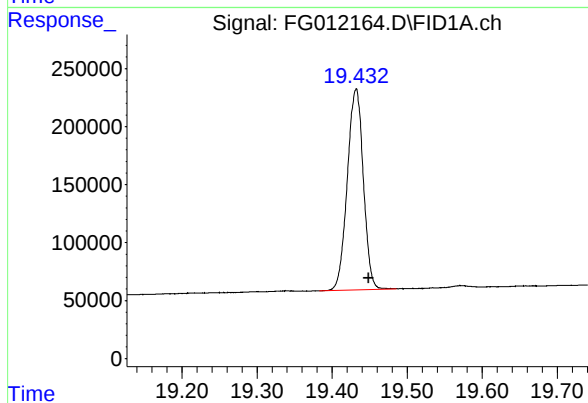
#18 n-Dotriacontane (C32)

R.T.: 17.904 min
Delta R.T.: -0.017 min
Response: 2716433
Conc: 21.14 ug/ml



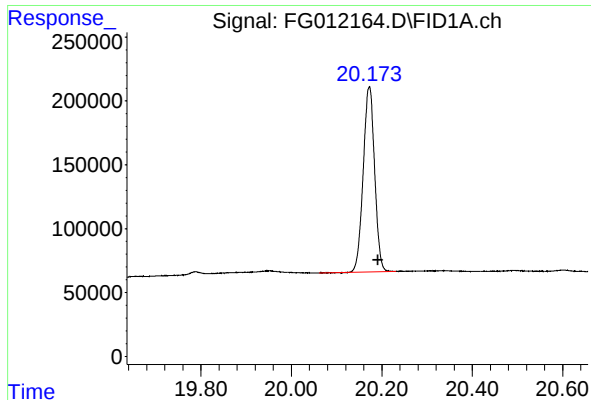
#19 n-Tetratriacontane (C34)

R.T.: 18.688 min
Delta R.T.: -0.019 min
Response: 2646310
Conc: 21.60 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.432 min
Delta R.T.: -0.016 min
Response: 2572790
Conc: 22.12 ug/ml m



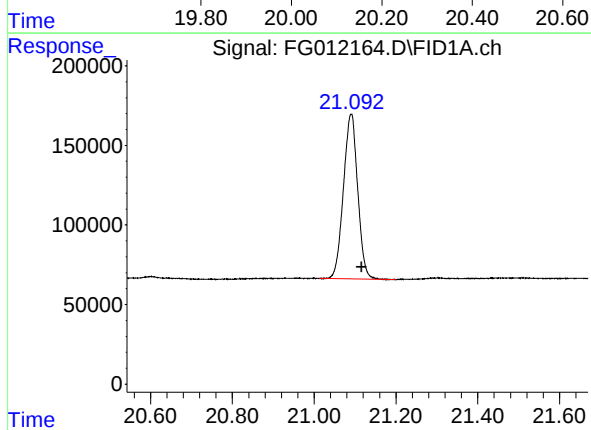
#21 n-Octatriacontane (C38)

R.T.: 20.172 min
Delta R.T.: -0.019 min
Response: 2544096
Conc: 22.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.091 min
Delta R.T.: -0.025 min
Response: 2505911
Conc: 23.26 ug/ml