

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072922AL\
 Data File : FC060914.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jul 2022 05:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2022
 Supervised By :Ankita Jodhani 08/01/2022

Integration File: sample.E
 Quant Time: Jul 30 06:01:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.630	3351769	20.424 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
12) S 1-chlorooctadecane (S...	11.995	2678480	20.176 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	2.618	3214756	22.826 ug/ml
2) T n-Decane (C10)	3.615	3267637	23.164 ug/ml
3) T A~Naphthalene (C11.7)	5.157	3363864	23.665 ug/ml
4) T n-Dodecane (C12)	5.563	3369027	22.731 ug/ml
5) T A~2-methylnaphthalene...	6.180	3225790	23.520 ug/ml
6) T n-Tetradecane (C14)	7.312	3374142	22.474 ug/ml
7) T n-Hexadecane (C16)	8.874	3373427	22.043 ug/ml
8) T n-Octadecane (C18)	10.281	3343508	21.412 ug/ml
10) T n-Eicosane (C20)	11.560	3266269	20.813 ug/ml
11) T n-Heneicosane (C21)	12.157	3190339	20.390 ug/ml
13) T n-Docosane (C22)	12.729	3251737	20.856 ug/ml
14) T n-Tetracosane (C24)	13.806	3152114	20.647 ug/ml
15) T n-Hexacosane (C26)	14.802	3052327	20.448 ug/ml
16) T n-Octacosane (C28)	15.728	3016951	21.054 ug/ml
17) T n-Tricontane (C30)	16.595	3088738	22.062 ug/ml
18) T n-Dotriacontane (C32)	17.407	3094920	22.932 ug/ml
19) T n-Tetratriacontane (C34)	18.171	2890066	23.043 ug/ml
20) T n-Hexatriacontane (C36)	18.891	2812597	23.010 ug/mlm
21) T n-Octatriacontane (C38)	19.575	2722044	23.063 ug/mlm
22) T n-Tetracontane (C40)	20.220	2642644	22.960 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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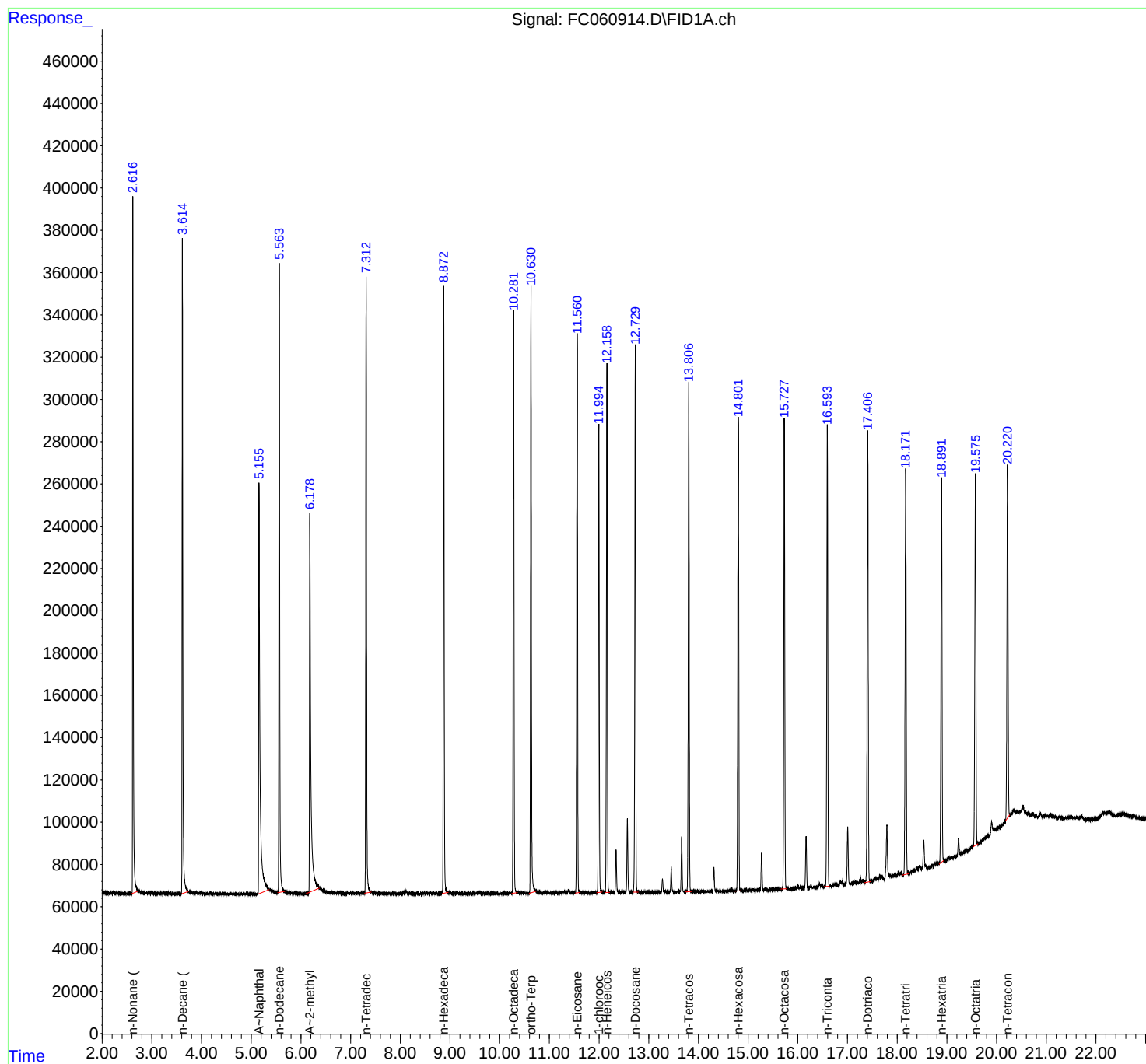
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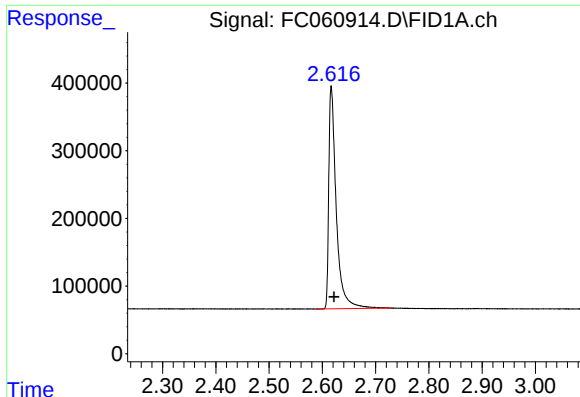
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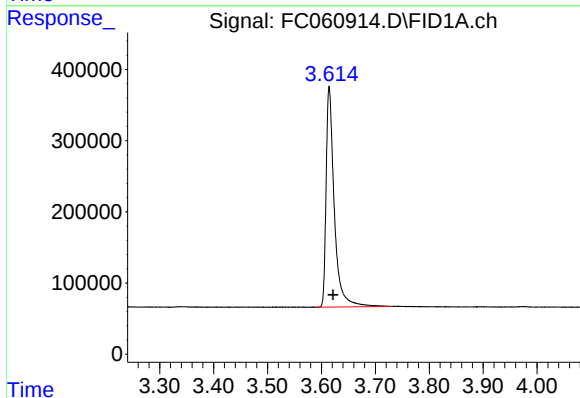
#1 n-Nonane (C9)

R.T.: 2.618 min
Delta R.T.: -0.004 min
Response: 3214756
Conc: 22.83 ug/ml

Instrument :
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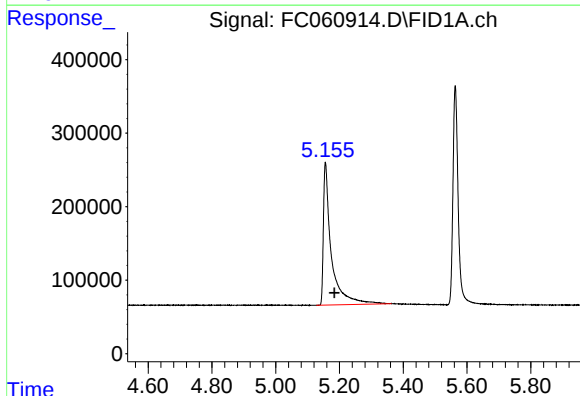
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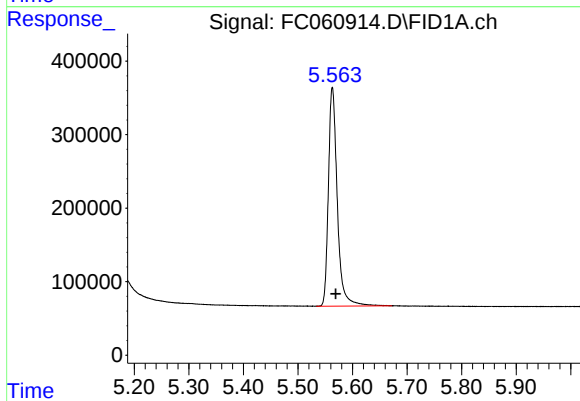
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.007 min
Response: 3267637
Conc: 23.16 ug/ml



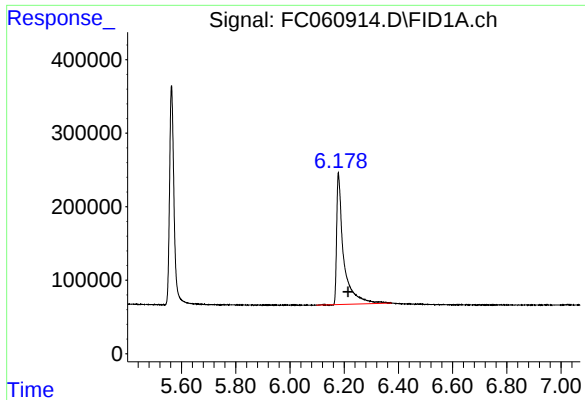
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.028 min
Response: 3363864
Conc: 23.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.563 min
Delta R.T.: -0.006 min
Response: 3369027
Conc: 22.73 ug/ml



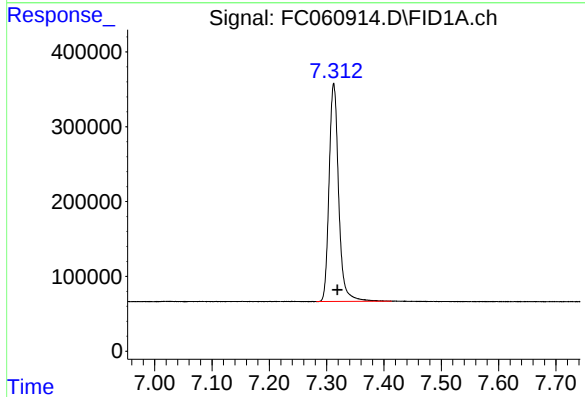
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.180 min
Delta R.T.: -0.035 min
Response: 3225790
Conc: 23.52 ug/ml

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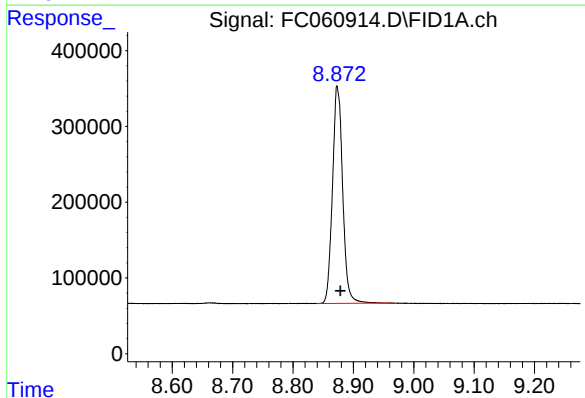
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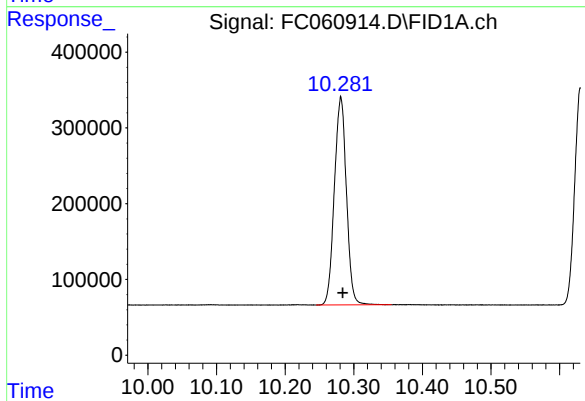
#6 n-Tetradecane (C14)

R.T.: 7.312 min
Delta R.T.: -0.007 min
Response: 3374142
Conc: 22.47 ug/ml



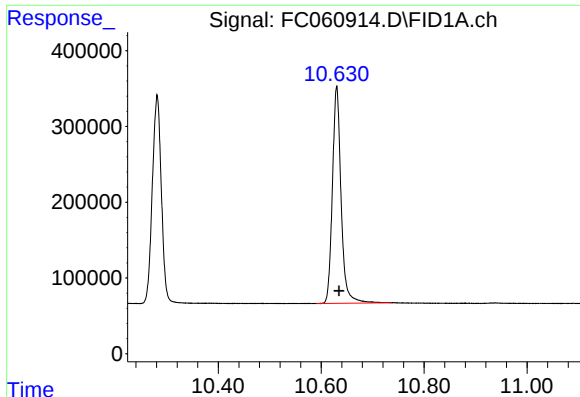
#7 n-Hexadecane (C16)

R.T.: 8.874 min
Delta R.T.: -0.005 min
Response: 3373427
Conc: 22.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.281 min
Delta R.T.: -0.003 min
Response: 3343508
Conc: 21.41 ug/ml



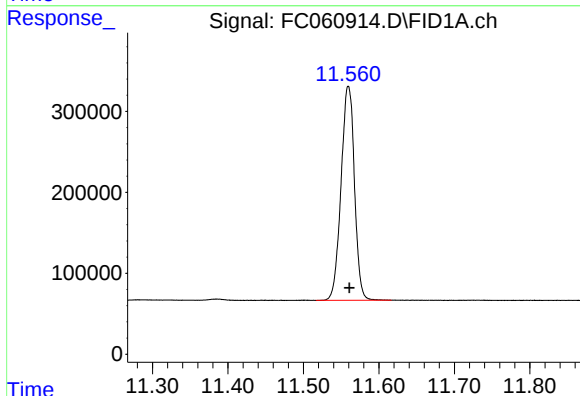
#9 ortho-Terphenyl (SURR)

R.T.: 10.630 min
Delta R.T.: -0.005 min
Response: 3351769
Conc: 20.42 ug/ml

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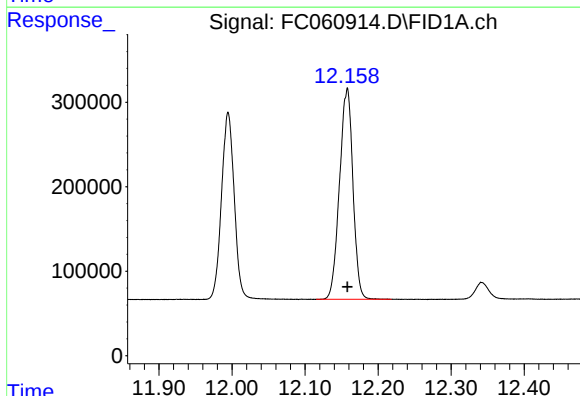
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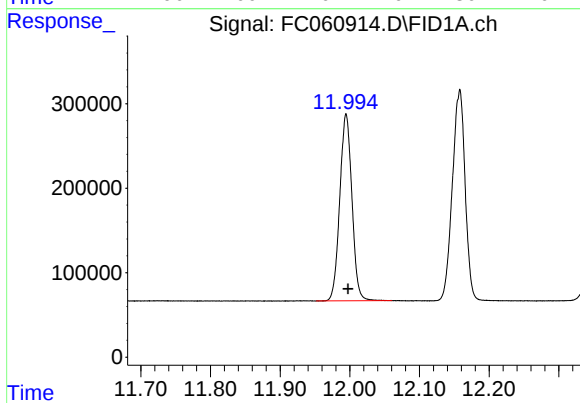
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: -0.001 min
Response: 3266269
Conc: 20.81 ug/ml



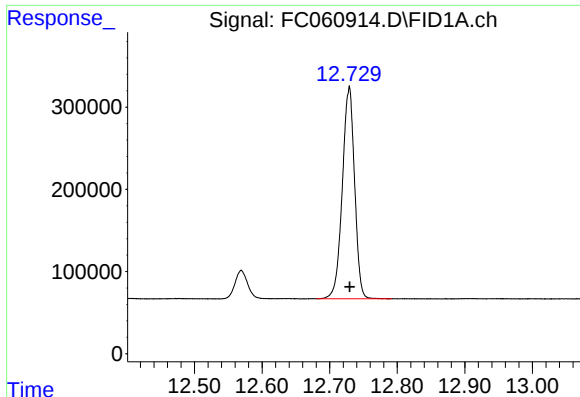
#11 n-Heneicosane (C21)

R.T.: 12.157 min
Delta R.T.: 0.000 min
Response: 3190339
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.995 min
Delta R.T.: -0.003 min
Response: 2678480
Conc: 20.18 ug/ml



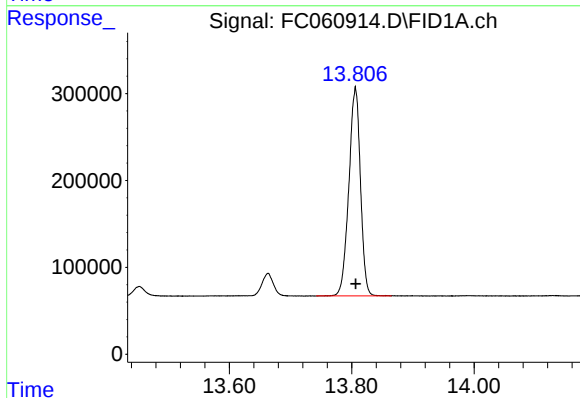
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 3251737
Conc: 20.86 ug/ml

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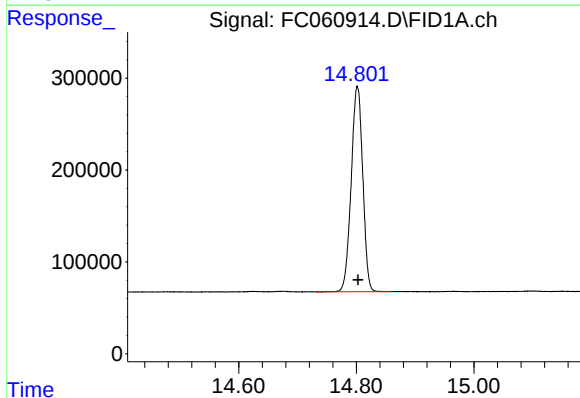
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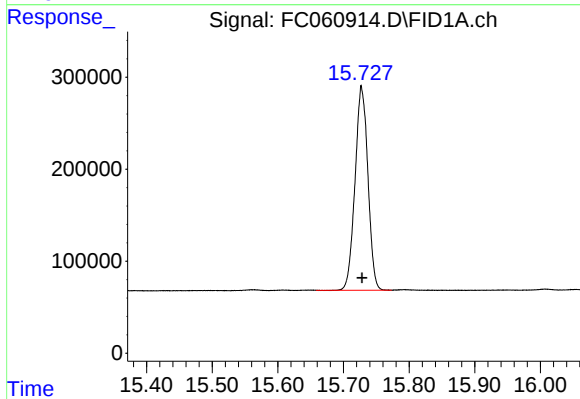
#14 n-Tetracosane (C24)

R.T.: 13.806 min
Delta R.T.: 0.000 min
Response: 3152114
Conc: 20.65 ug/ml



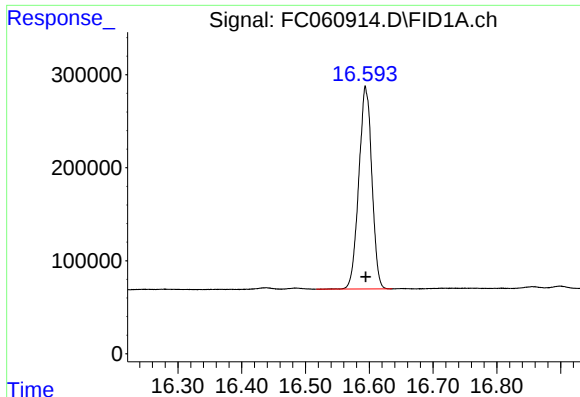
#15 n-Hexacosane (C26)

R.T.: 14.802 min
Delta R.T.: -0.001 min
Response: 3052327
Conc: 20.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.728 min
Delta R.T.: 0.000 min
Response: 3016951
Conc: 21.05 ug/ml



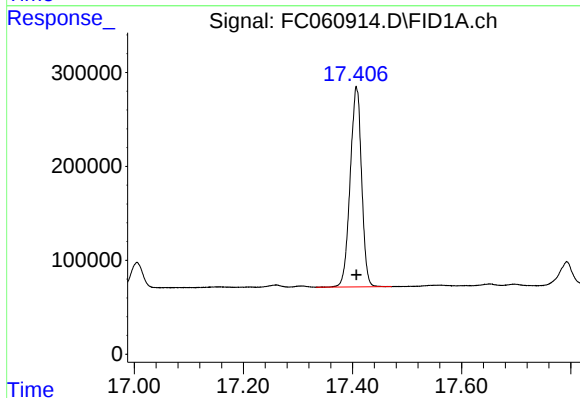
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: 0.000 min
Response: 3088738
Conc: 22.06 ug/ml

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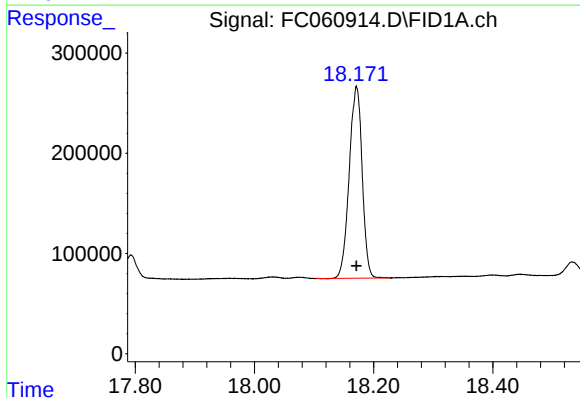
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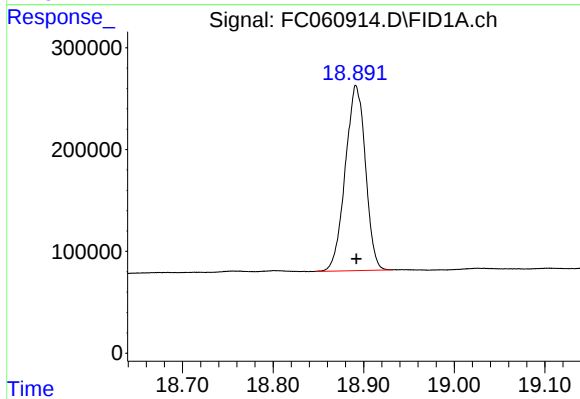
#18 n-Dotriacontane (C32)

R.T.: 17.407 min
Delta R.T.: 0.000 min
Response: 3094920
Conc: 22.93 ug/ml



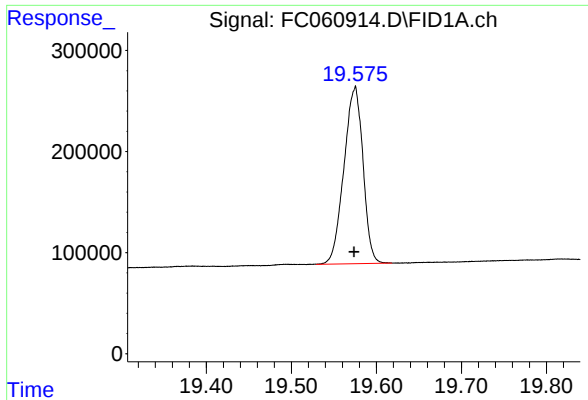
#19 n-Tetratriacontane (C34)

R.T.: 18.171 min
Delta R.T.: 0.000 min
Response: 2890066
Conc: 23.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.891 min
Delta R.T.: -0.001 min
Response: 2812597
Conc: 23.01 ug/ml m



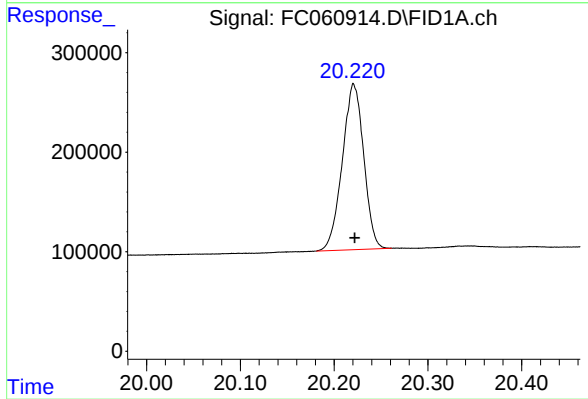
#21 n-Octatriacontane (C38)

R.T.: 19.575 min
Delta R.T.: 0.002 min
Response: 2722044
Conc: 23.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.220 min
Delta R.T.: -0.002 min
Response: 2642644
Conc: 22.96 ug/ml m