

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062223AL\
 Data File : FC063944.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jun 2023 06:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e
 Quant Time: Jun 23 00:21:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.523	3446008	18.884 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	12.957	2477534	19.390 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
Target Compounds			
1) T n-Nonane (C9)	3.302	3177844	19.938 ug/ml
2) T n-Decane (C10)	4.366	3238774	20.036 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3358249	19.331 ug/ml
4) T n-Dodecane (C12)	6.381	3195739	19.544 ug/ml
5) T A~2-methylnaphthalene...	7.003	3172421	19.365 ug/ml
6) T n-Tetradecane (C14)	8.173	3068465	19.511 ug/ml
7) T n-Hexadecane (C16)	9.771	3089541	19.414 ug/ml
8) T n-Octadecane (C18)	11.209	3048162	19.264 ug/ml
10) T n-Eicosane (C20)	12.515	2881723	19.485 ug/ml
11) T n-Heneicosane (C21)	13.126	2797264	19.433 ug/ml
13) T n-Docosane (C22)	13.710	2763208	19.615 ug/ml
14) T n-Tetracosane (C24)	14.808	2728623	19.885 ug/ml
15) T n-Hexacosane (C26)	15.827	2685601	20.254 ug/ml
16) T n-Octacosane (C28)	16.774	2684700	21.143 ug/ml
17) T n-Tricontane (C30)	17.659	2860439	22.389 ug/ml
18) T n-Dotriacontane (C32)	18.487	2900895	23.313 ug/ml
19) T n-Tetratriacontane (C34)	19.269	2825377	22.915 ug/ml
20) T n-Hexatriacontane (C36)	20.006	2714842	22.619 ug/mlm
21) T n-Octatriacontane (C38)	20.728	2674339	22.151 ug/ml
22) T n-Tetracontane (C40)	21.617	2632570	21.726 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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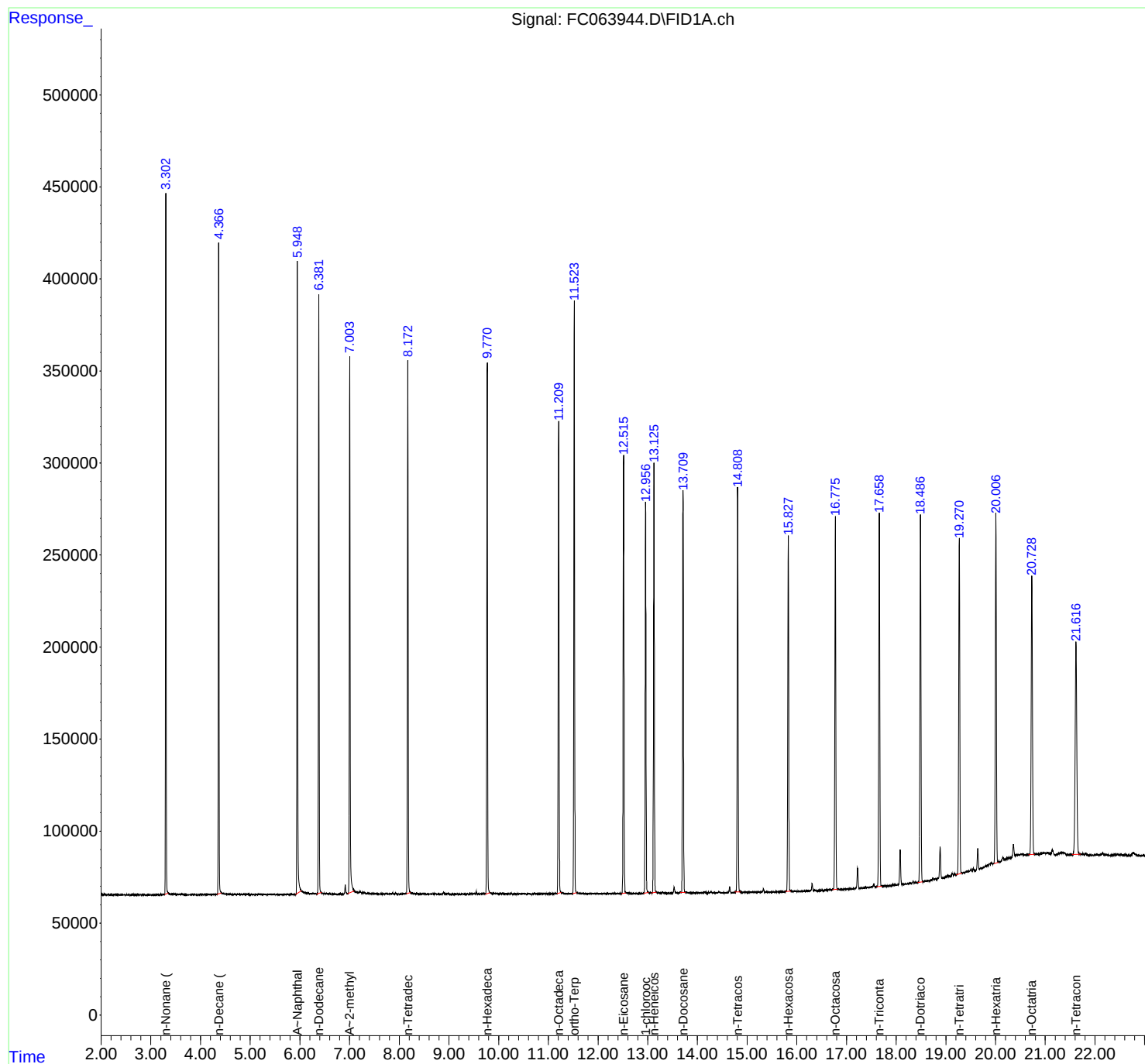
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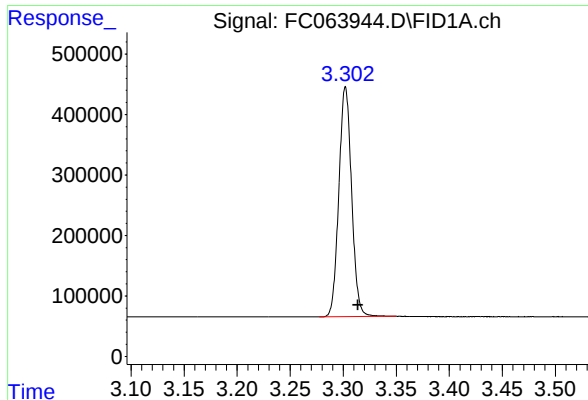
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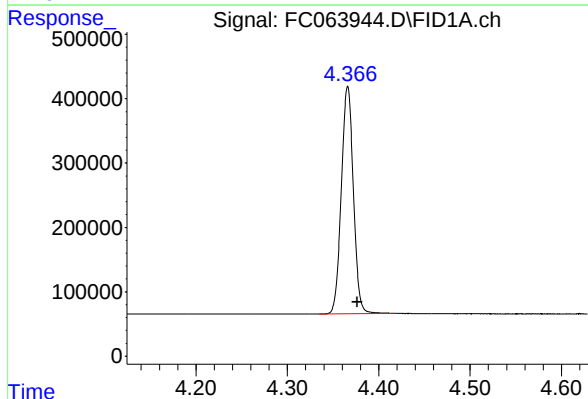
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.012 min
Response: 3177844
Conc: 19.94 ug/ml

Instrument :
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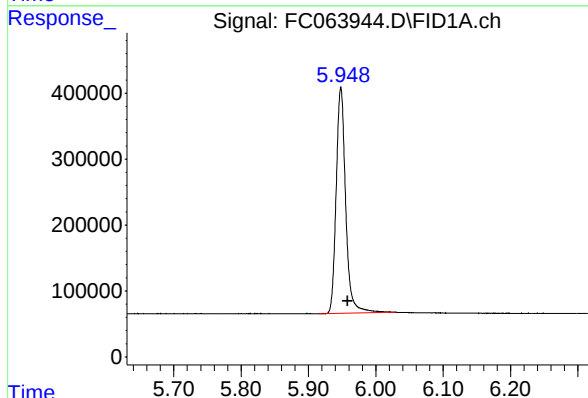
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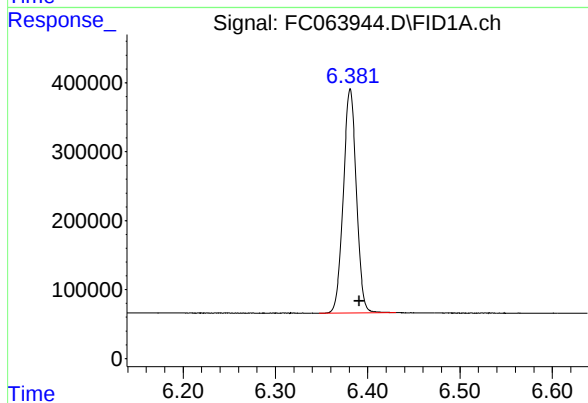
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.010 min
Response: 3238774
Conc: 20.04 ug/ml



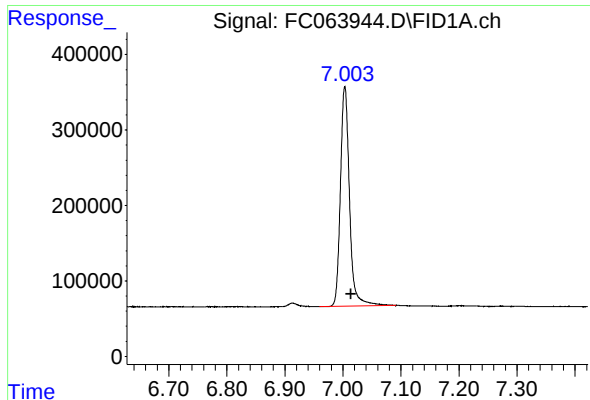
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.010 min
Response: 3358249
Conc: 19.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.010 min
Response: 3195739
Conc: 19.54 ug/ml



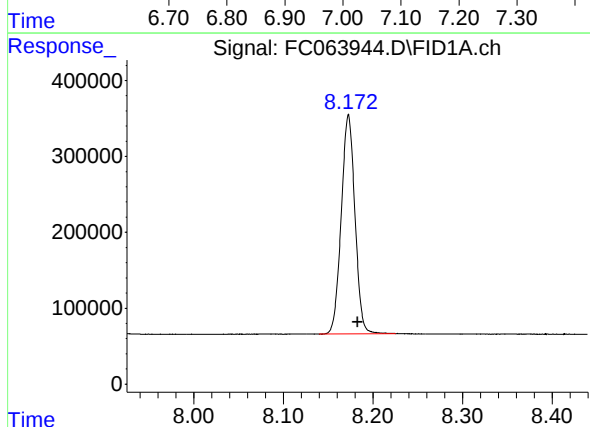
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.011 min
Response: 3172421
Conc: 19.37 ug/ml

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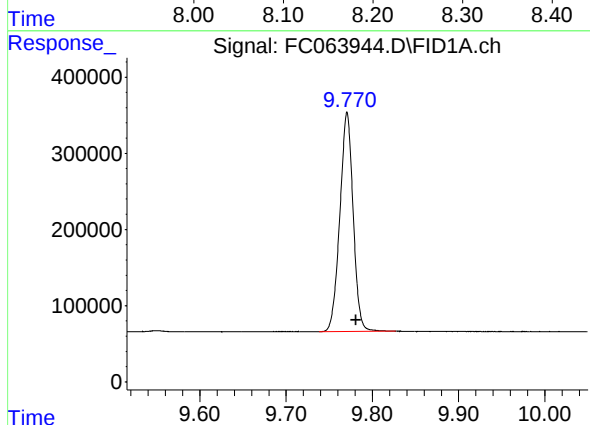
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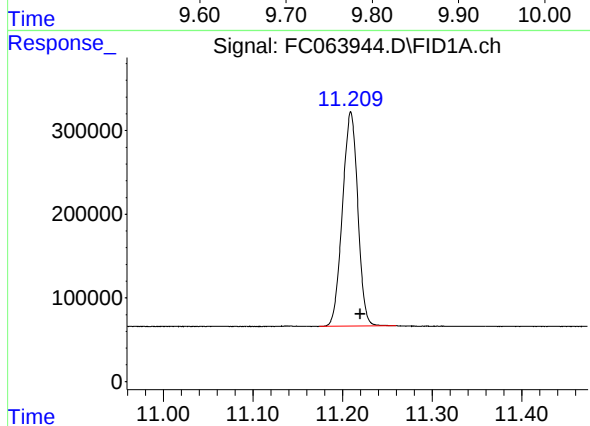
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.010 min
Response: 3068465
Conc: 19.51 ug/ml



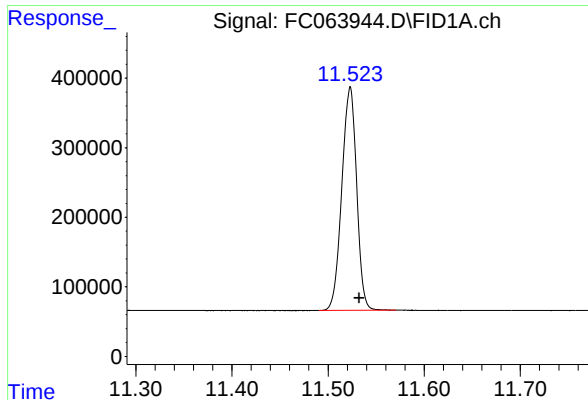
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.010 min
Response: 3089541
Conc: 19.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.011 min
Response: 3048162
Conc: 19.26 ug/ml



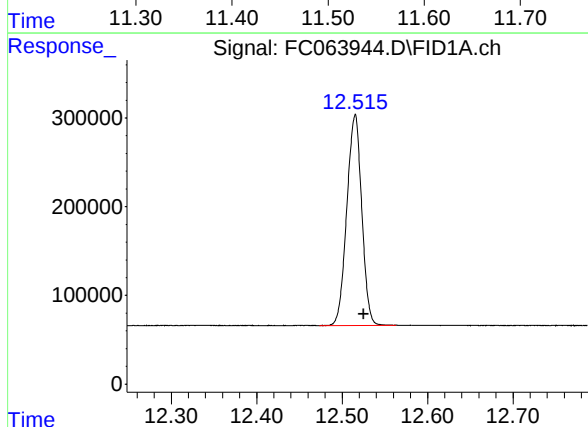
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.010 min
Response: 3446008
Conc: 18.88 ug/ml

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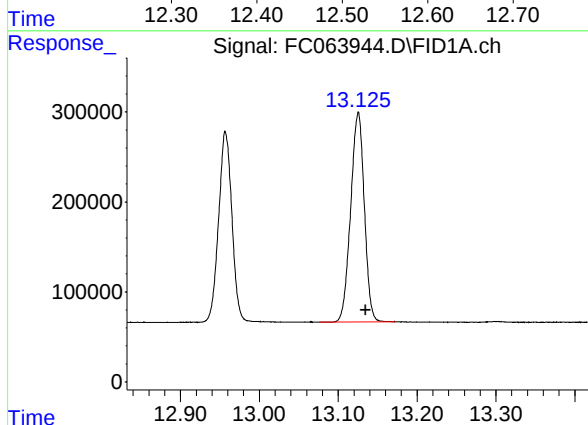
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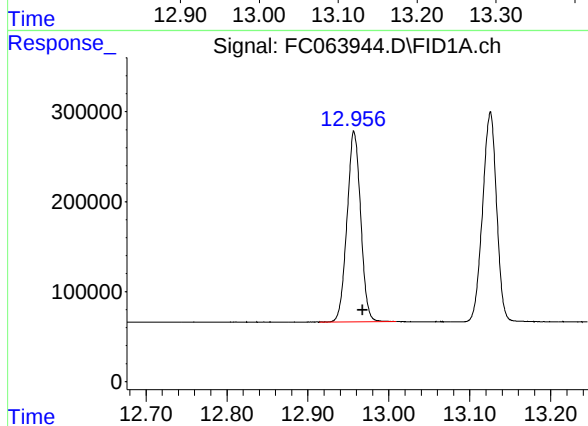
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.010 min
Response: 2881723
Conc: 19.49 ug/ml



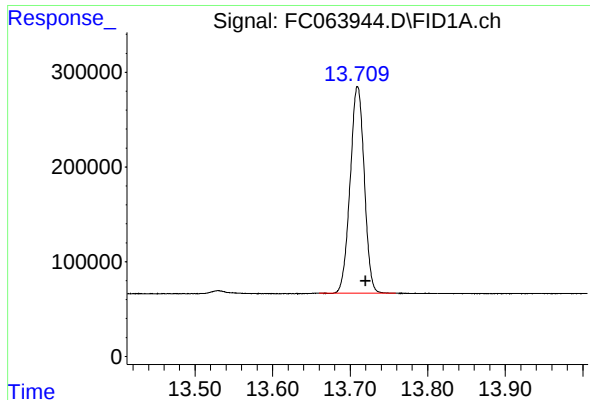
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.009 min
Response: 2797264
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: -0.011 min
Response: 2477534
Conc: 19.39 ug/ml



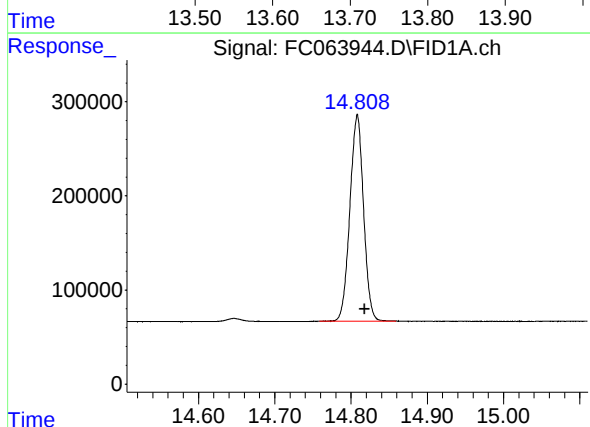
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.010 min
Response: 2763208
Conc: 19.61 ug/ml

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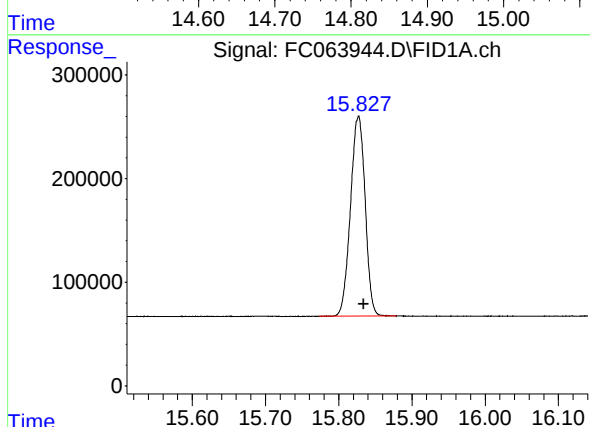
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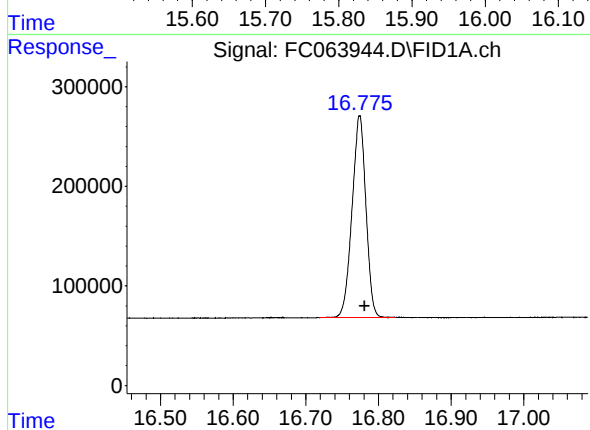
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.009 min
Response: 2728623
Conc: 19.89 ug/ml



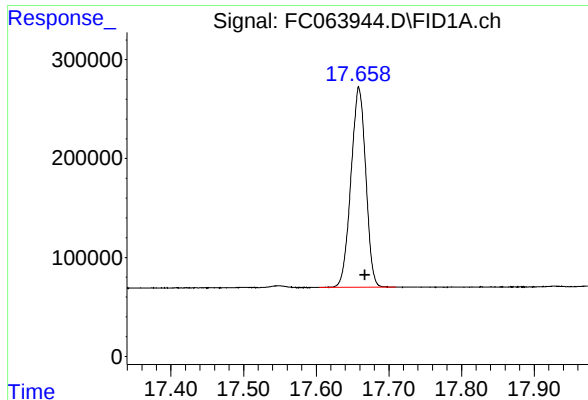
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.007 min
Response: 2685601
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.007 min
Response: 2684700
Conc: 21.14 ug/ml



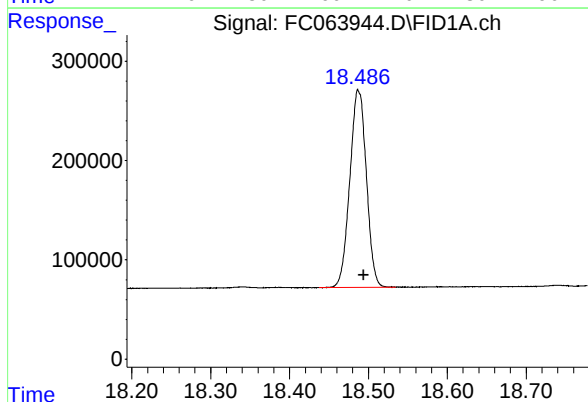
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.008 min
Response: 2860439
Conc: 22.39 ug/ml

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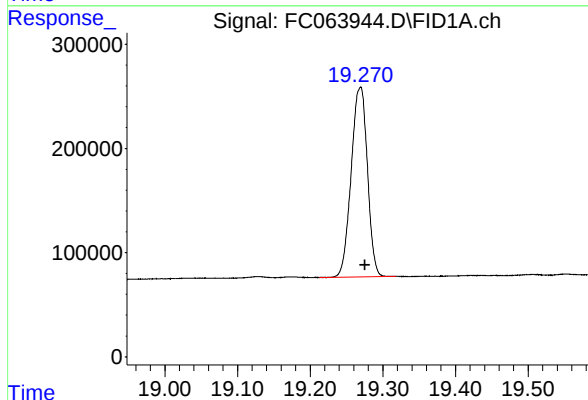
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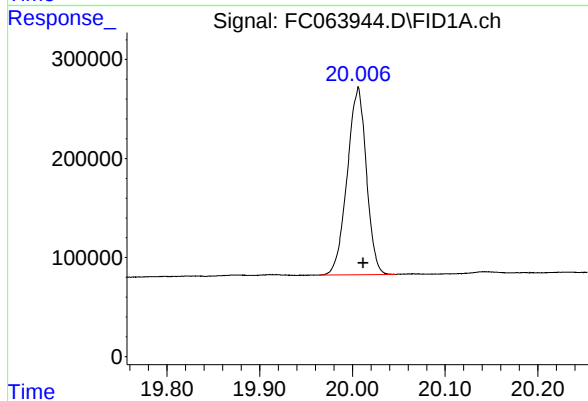
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.007 min
Response: 2900895
Conc: 23.31 ug/ml



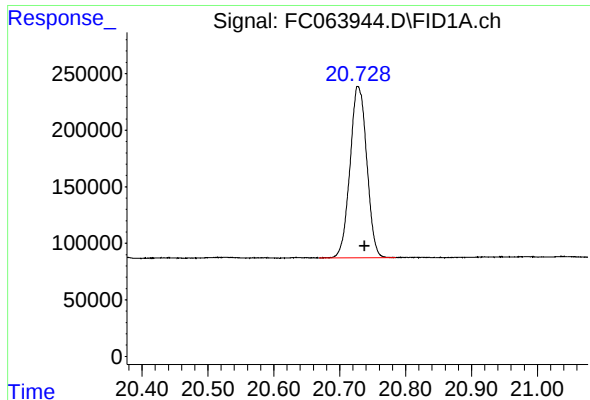
#19 n-Tetatriacontane (C34)

R.T.: 19.269 min
Delta R.T.: -0.006 min
Response: 2825377
Conc: 22.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.005 min
Response: 2714842
Conc: 22.62 ug/ml m



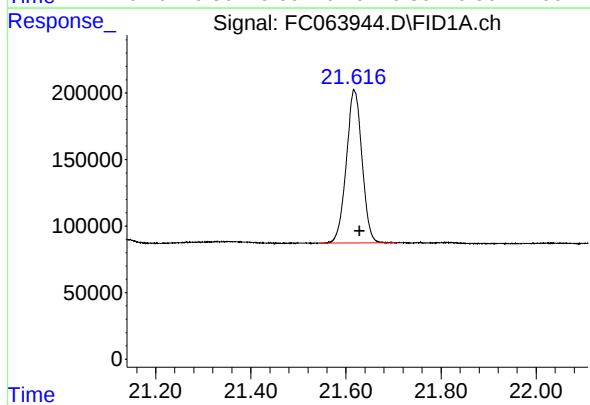
#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.010 min
Response: 2674339
Conc: 22.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.012 min
Response: 2632570
Conc: 21.73 ug/ml