

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012419AL\
 Data File : FC038769.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jan 2019 20:27
 Operator : AJ\SJ
 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

Sohil
 1/25/2019 9:07:14 AM

Integration File: autoint1.e
 Quant Time: Jan 25 02:13:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:47:13 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.250	2235171	20.706 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
12) S 1-chlorooctadecane (S...	12.694	1682044	21.307 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
Target Compounds			
1) T n-Nonane (C9)	3.093	1711977	19.159 ug/ml
2) T n-Decane (C10)	4.148	1770515	19.904 ug/ml
3) T A~Naphthalene (C11.7)	5.708	2015474	20.641 ug/ml
4) T n-Dodecane (C12)	6.151	1848780	20.632 ug/ml
5) T A~2-methylnaphthalene...	6.755	1957754	20.408 ug/ml
6) T n-Tetradecane (C14)	7.932	1910377	21.229 ug/ml
7) T n-Hexadecane (C16)	9.521	1965464	21.691 ug/ml
8) T n-Octadecane (C18)	10.954	1965802	21.545 ug/ml
10) T n-Eicosane (C20)	12.256	1974908	21.602 ug/ml
11) T n-Heneicosane (C21)	12.864	1964130	21.955 ug/ml
13) T n-Docosane (C22)	13.447	1961389	21.977 ug/ml
14) T n-Tetracosane (C24)	14.545	1957538	22.170 ug/ml
15) T n-Hexacosane (C26)	15.561	1953177	22.450 ug/ml
16) T n-Octacosane (C28)	16.505	1995844	22.978 ug/ml
17) T n-Tricontane (C30)	17.389	2000931	23.163 ug/ml
18) T n-Dotriacontane (C32)	18.217	1982599	24.365 ug/ml
19) T n-Tetratriacontane (C34)	18.996	1638270	24.178 ug/ml
20) T n-Hexatriacontane (C36)	19.733	1465205	24.512 ug/ml
21) T n-Octatriacontane (C38)	20.434	1424670	22.379 ug/ml
22) T n-Tetracontane (C40)	21.229	1523264	26.190 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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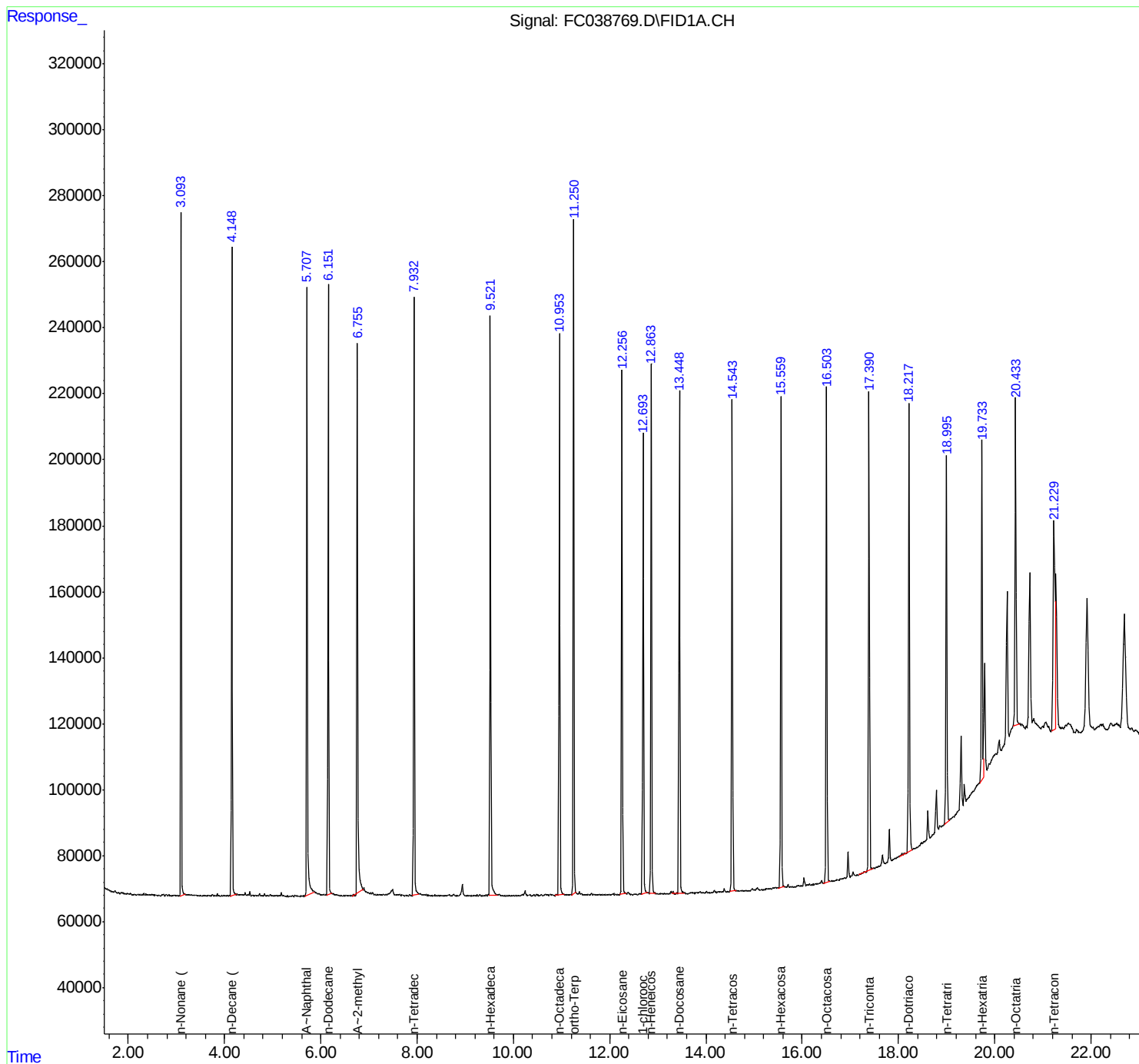
Instrument :
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20 PPM ALIPHATIC HC STD

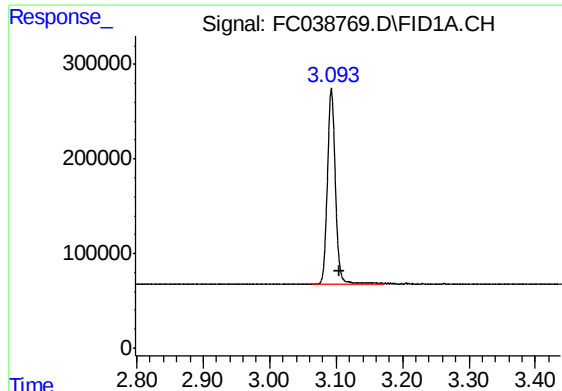
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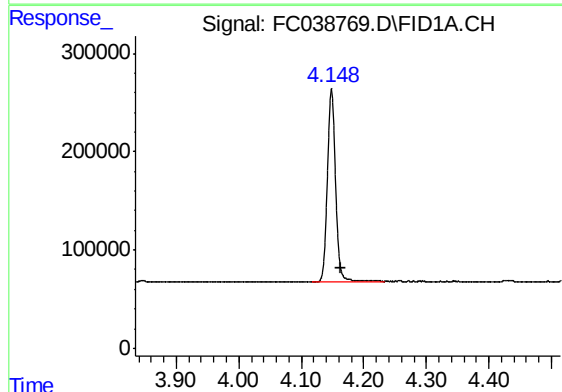
#1 n-Nonane (C9)

R.T.: 3.093 min
Delta R.T.: -0.013 min
Response: 1711977
Conc: 19.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

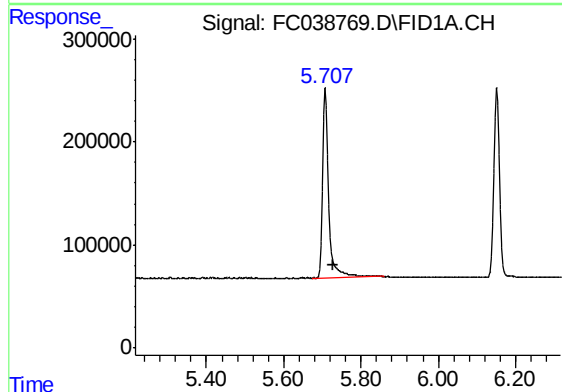
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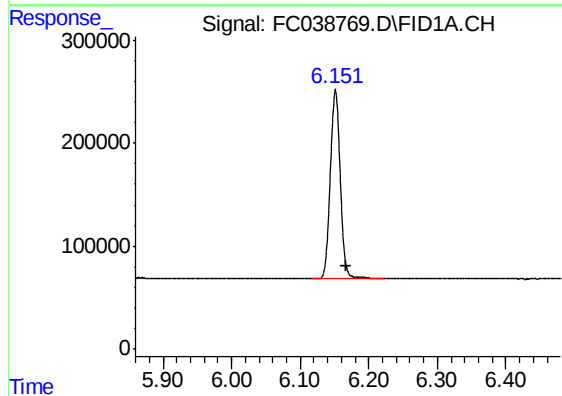
#2 n-Decane (C10)

R.T.: 4.148 min
Delta R.T.: -0.014 min
Response: 1770515
Conc: 19.90 ug/ml



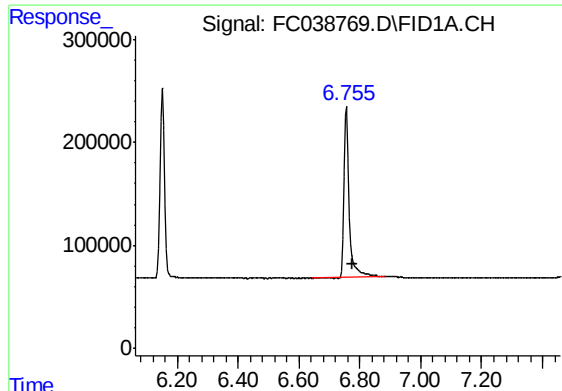
#3 A~Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: -0.020 min
Response: 2015474
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 1848780
Conc: 20.63 ug/ml



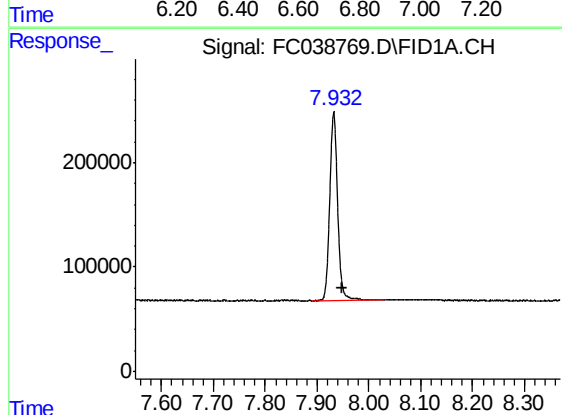
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.022 min
Response: 1957754
Conc: 20.41 ug/ml

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20 PPM ALIPHATIC HC STD

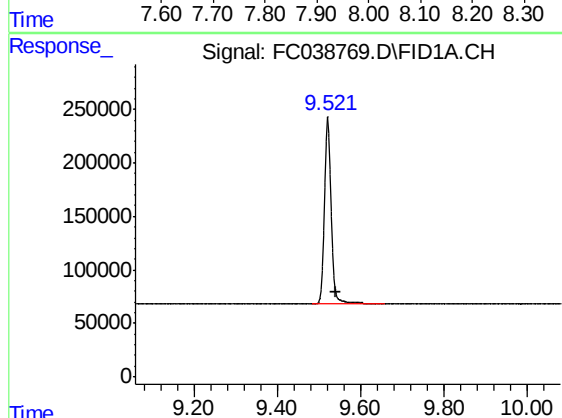
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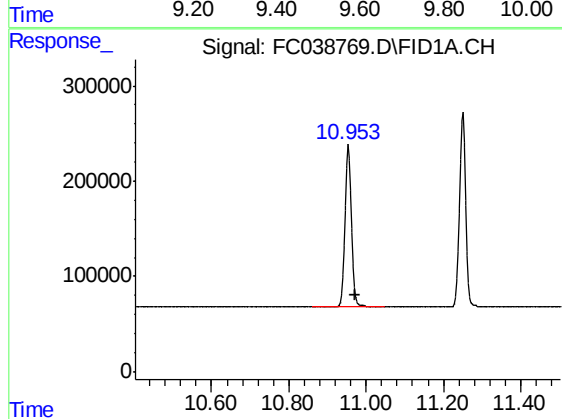
#6 n-Tetradecane (C14)

R.T.: 7.932 min
Delta R.T.: -0.017 min
Response: 1910377
Conc: 21.23 ug/ml



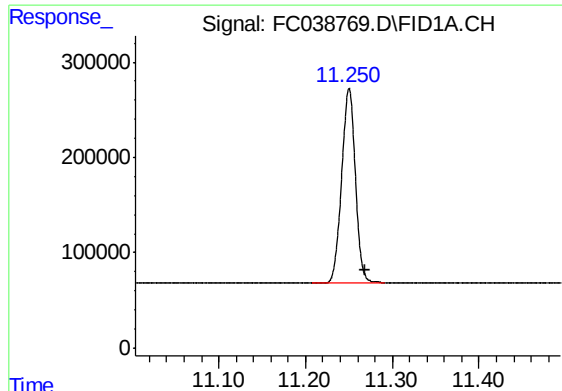
#7 n-Hexadecane (C16)

R.T.: 9.521 min
Delta R.T.: -0.018 min
Response: 1965464
Conc: 21.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.954 min
Delta R.T.: -0.018 min
Response: 1965802
Conc: 21.55 ug/ml



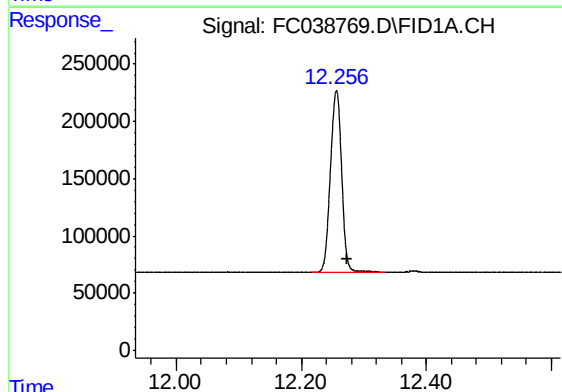
#9 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: -0.018 min
Response: 2235171
Conc: 20.71 ug/ml

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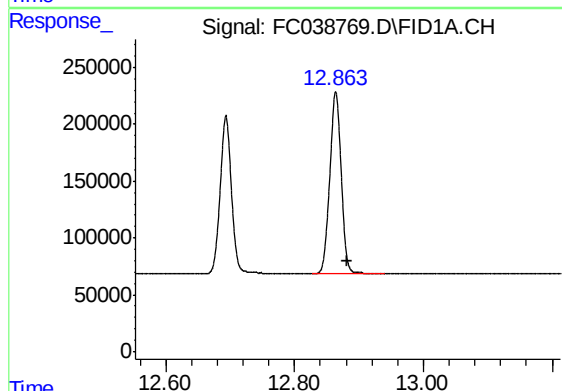
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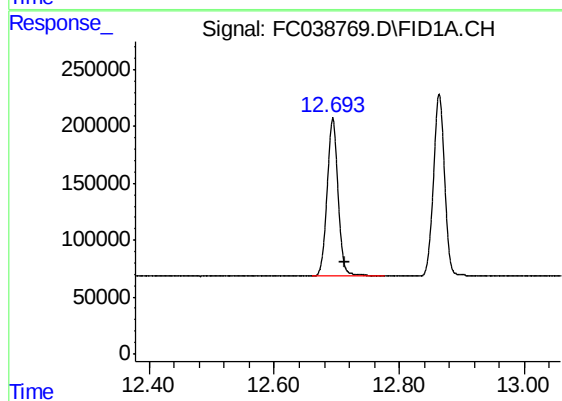
#10 n-Eicosane (C20)

R.T.: 12.256 min
Delta R.T.: -0.018 min
Response: 1974908
Conc: 21.60 ug/ml



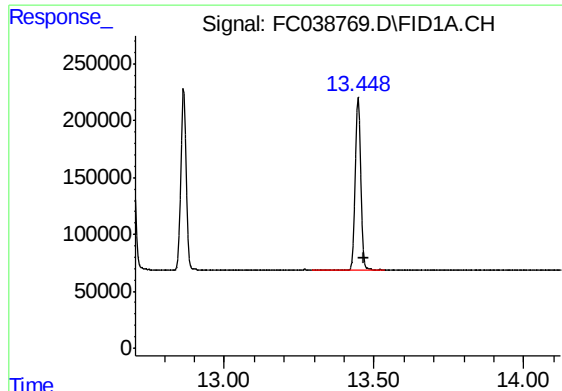
#11 n-Heneicosane (C21)

R.T.: 12.864 min
Delta R.T.: -0.018 min
Response: 1964130
Conc: 21.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.694 min
Delta R.T.: -0.019 min
Response: 1682044
Conc: 21.31 ug/ml



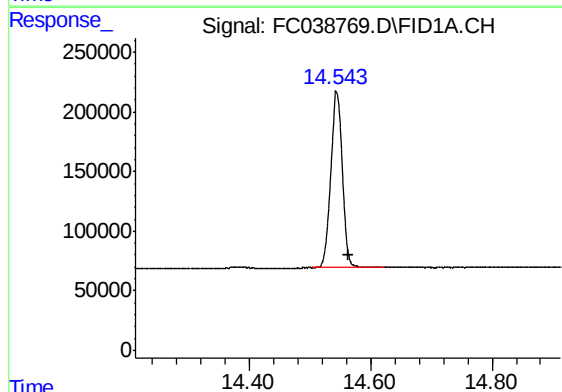
#13 n-Docosane (C22)

R.T.: 13.447 min
Delta R.T.: -0.019 min
Response: 1961389
Conc: 21.98 ug/ml

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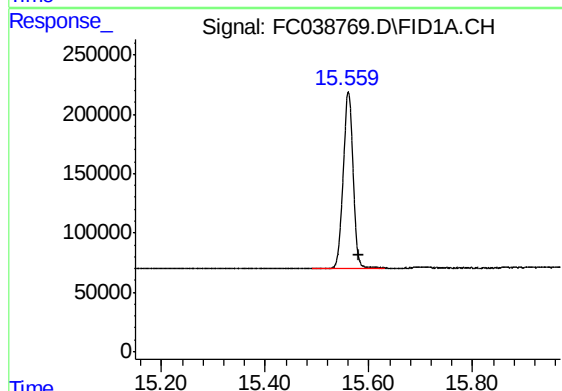
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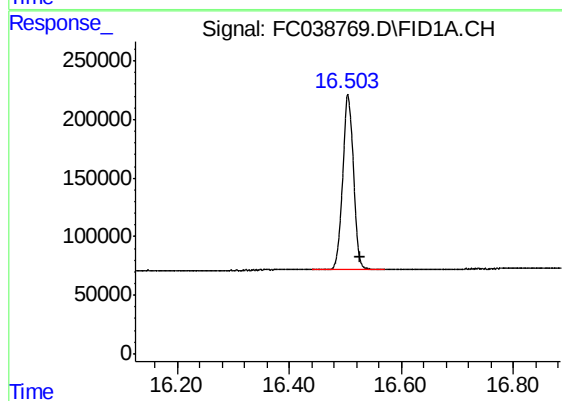
#14 n-Tetracosane (C24)

R.T.: 14.545 min
Delta R.T.: -0.019 min
Response: 1957538
Conc: 22.17 ug/ml



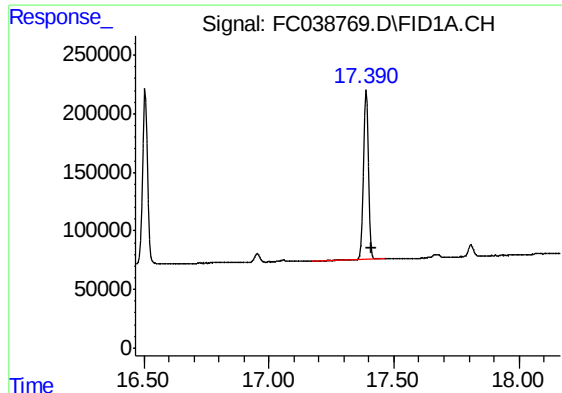
#15 n-Hexacosane (C26)

R.T.: 15.561 min
Delta R.T.: -0.020 min
Response: 1953177
Conc: 22.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.505 min
Delta R.T.: -0.020 min
Response: 1995844
Conc: 22.98 ug/ml



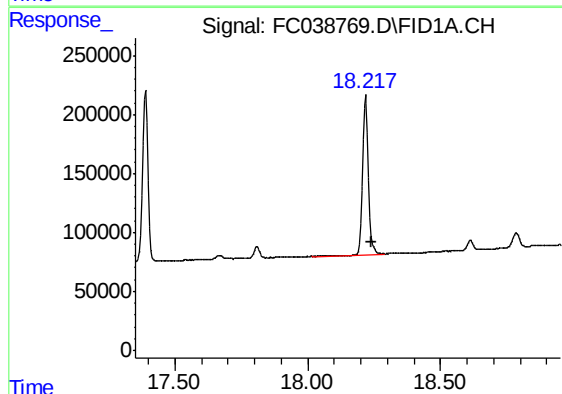
#17 n-Tricontane (C30)

R.T.: 17.389 min
Delta R.T.: -0.022 min
Response: 2000931
Conc: 23.16 ug/ml

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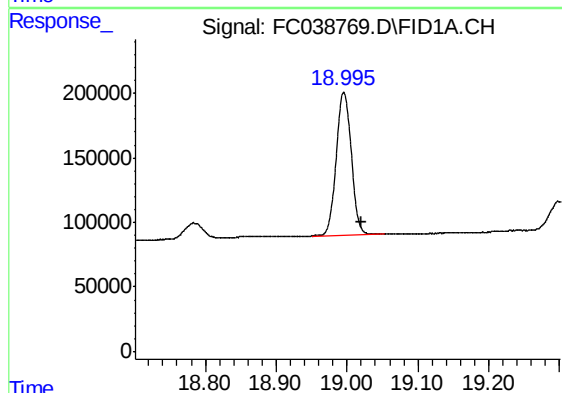
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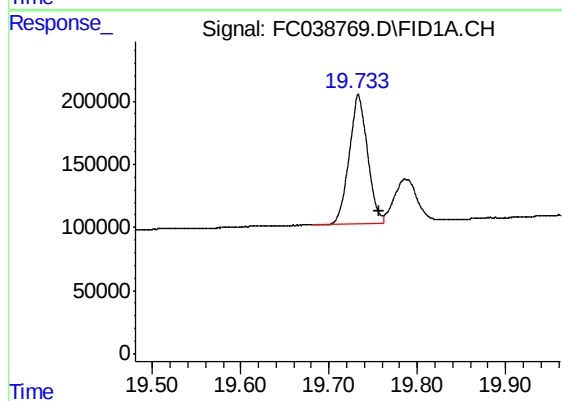
#18 n-Dotriacontane (C32)

R.T.: 18.217 min
Delta R.T.: -0.022 min
Response: 1982599
Conc: 24.37 ug/ml



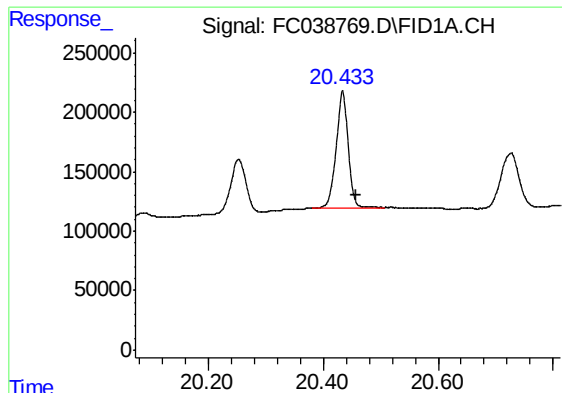
#19 n-Tetatriacontane (C34)

R.T.: 18.996 min
Delta R.T.: -0.025 min
Response: 1638270
Conc: 24.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.733 min
Delta R.T.: -0.023 min
Response: 1465205
Conc: 24.51 ug/ml



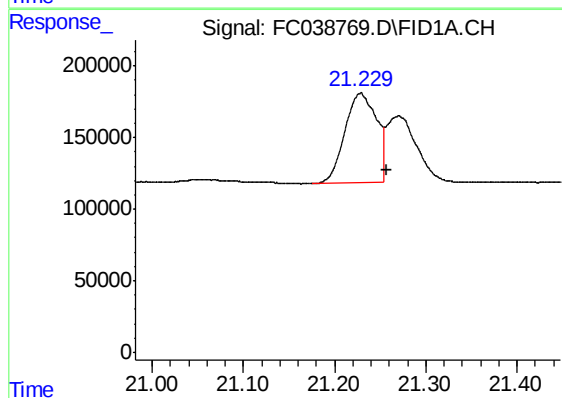
#21 n-Octatriacontane (C38)

R.T.: 20.434 min
Delta R.T.: -0.024 min
Response: 1424670
Conc: 22.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.229 min
Delta R.T.: -0.029 min
Response: 1523264
Conc: 26.19 ug/ml m