

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030419AL\
 Data File : FC039568.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2019 10:33
 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
 3/5/2019 1:38:45 PM

Integration File: autoint1.e
 Quant Time: Mar 04 11:10:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 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)	11.161	2909260	17.296 ug/ml
Spiked Amount 50.000		Recovery =	34.59%
12) S 1-chlorooctadecane (S...	12.607	2104865	16.686 ug/ml
Spiked Amount 50.000		Recovery =	33.37%
Target Compounds			
1) T n-Nonane (C9)	3.032	2109902	17.579 ug/ml
2) T n-Decane (C10)	4.080	2119231	17.591 ug/ml
3) T A~Naphthalene (C11.7)	5.630	2283996	17.552 ug/ml
4) T n-Dodecane (C12)	6.077	2161130	17.492 ug/ml
5) T A~2-methylnaphthalene...	6.676	2167788	16.716 ug/ml
6) T n-Tetradecane (C14)	7.854	2168003	17.022 ug/ml
7) T n-Hexadecane (C16)	9.441	2173090	16.769 ug/ml
8) T n-Octadecane (C18)	10.871	2160025	16.057 ug/ml
10) T n-Eicosane (C20)	12.171	2155936	16.534 ug/ml
11) T n-Heneicosane (C21)	12.779	2145648	16.919 ug/ml
13) T n-Docosane (C22)	13.362	2138677	16.978 ug/ml
14) T n-Tetracosane (C24)	14.458	2141165	17.131 ug/ml
15) T n-Hexacosane (C26)	15.473	2119468	16.992 ug/ml
16) T n-Octacosane (C28)	16.418	2127545	15.918 ug/ml
17) T n-Tricontane (C30)	17.299	2119696	14.443 ug/mlm
18) T n-Dotriacontane (C32)	18.130	2021258	15.046 ug/ml
19) T n-Tetratriacontane (C34)	18.910	1742582	15.320 ug/ml
20) T n-Hexatriacontane (C36)	19.645	1516283	15.721 ug/ml
21) T n-Octatriacontane (C38)	20.343	1515276	16.503 ug/mlm
22) T n-Tetracontane (C40)	21.112	1573870	17.341 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

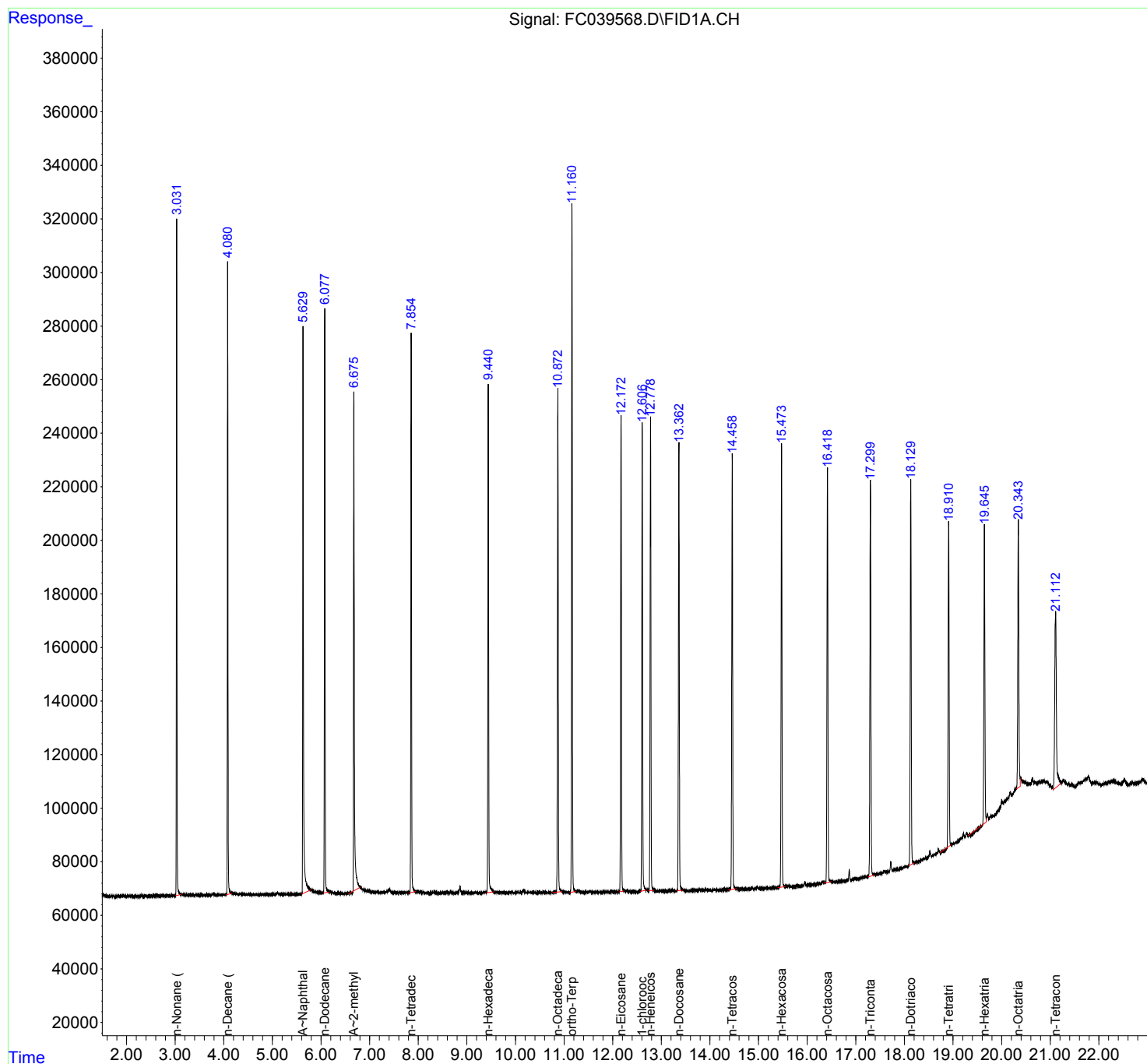
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

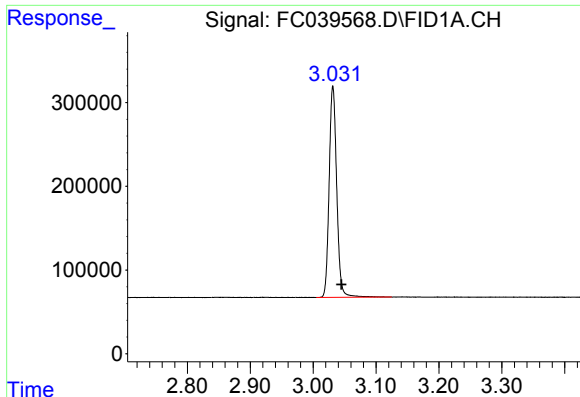
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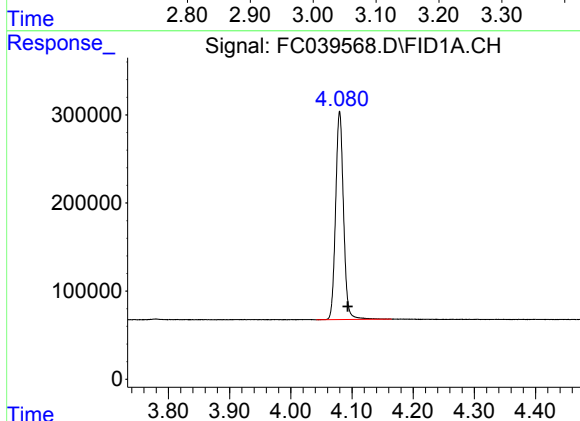
#1 n-Nonane (C9)

R.T.: 3.032 min
Delta R.T.: -0.013 min
Response: 2109902
Conc: 17.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

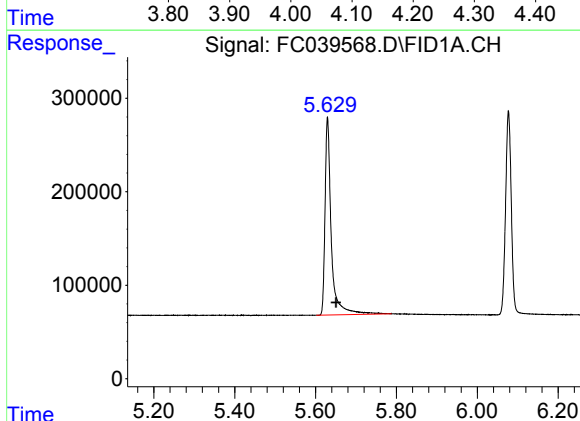
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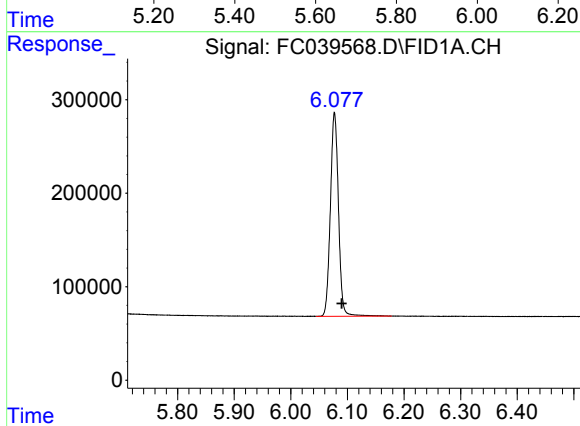
#2 n-Decane (C10)

R.T.: 4.080 min
Delta R.T.: -0.013 min
Response: 2119231
Conc: 17.59 ug/ml



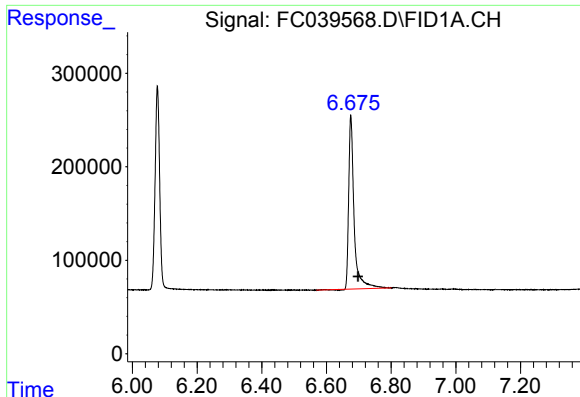
#3 A~Naphthalene (C11.7)

R.T.: 5.630 min
Delta R.T.: -0.021 min
Response: 2283996
Conc: 17.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.077 min
Delta R.T.: -0.013 min
Response: 2161130
Conc: 17.49 ug/ml



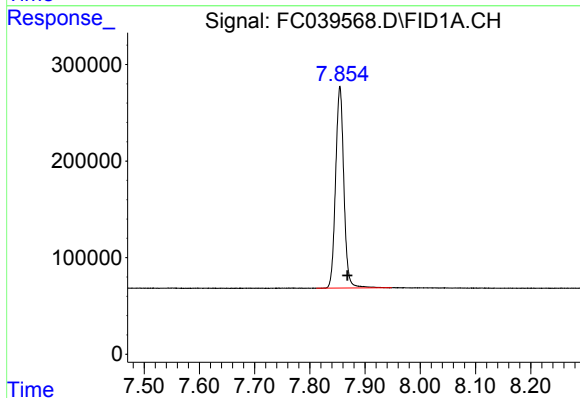
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.676 min
Delta R.T.: -0.022 min
Response: 2167788
Conc: 16.72 ug/ml

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20 PPM ALIPHATIC HC STD

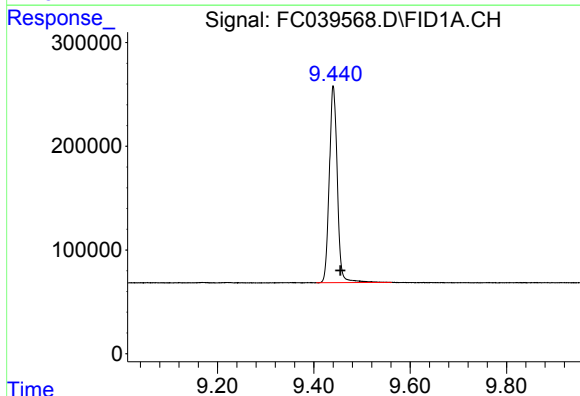
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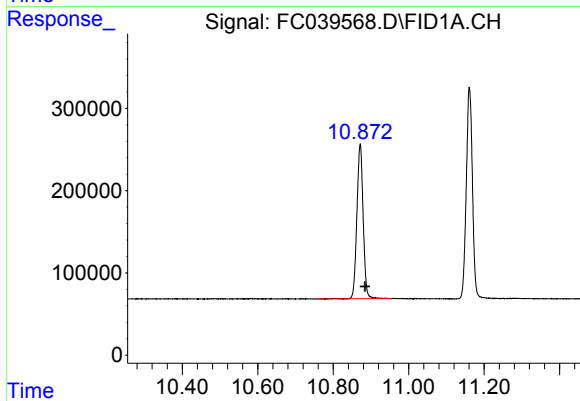
#6 n-Tetradecane (C14)

R.T.: 7.854 min
Delta R.T.: -0.014 min
Response: 2168003
Conc: 17.02 ug/ml



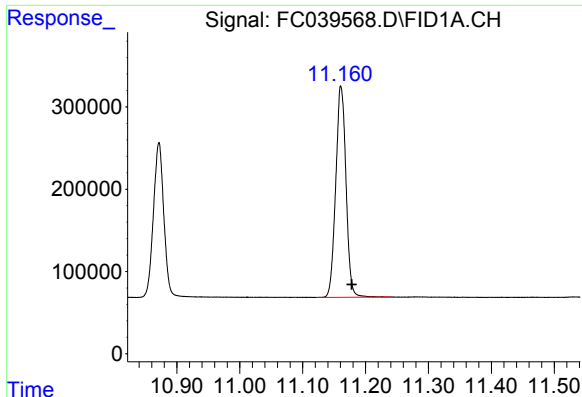
#7 n-Hexadecane (C16)

R.T.: 9.441 min
Delta R.T.: -0.014 min
Response: 2173090
Conc: 16.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.871 min
Delta R.T.: -0.013 min
Response: 2160025
Conc: 16.06 ug/ml



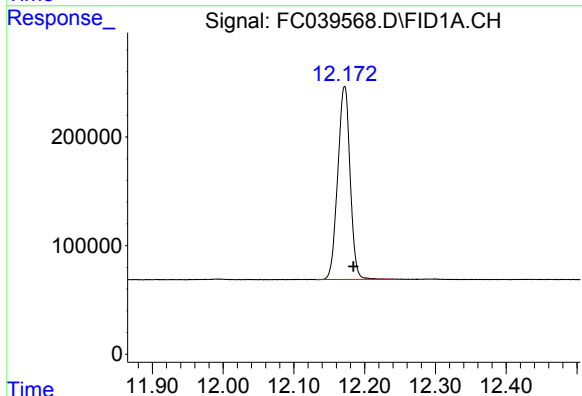
#9 ortho-Terphenyl (SURR)

R.T.: 11.161 min
Delta R.T.: -0.017 min
Response: 2909260
Conc: 17.30 ug/ml

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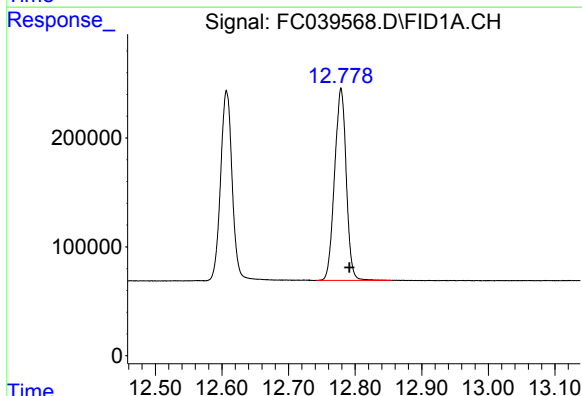
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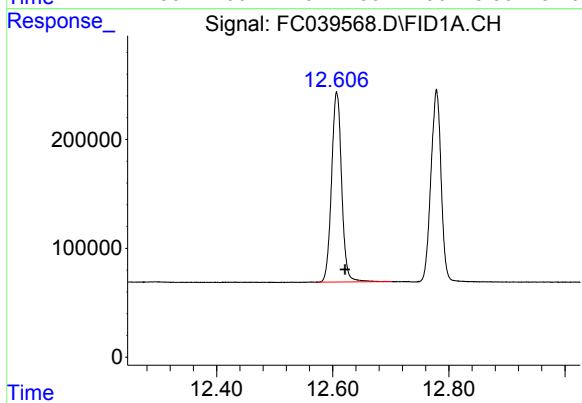
#10 n-Eicosane (C20)

R.T.: 12.171 min
Delta R.T.: -0.013 min
Response: 2155936
Conc: 16.53 ug/ml



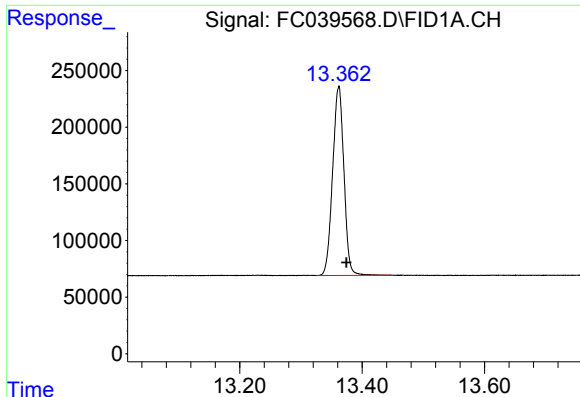
#11 n-Heneicosane (C21)

R.T.: 12.779 min
Delta R.T.: -0.012 min
Response: 2145648
Conc: 16.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.607 min
Delta R.T.: -0.014 min
Response: 2104865
Conc: 16.69 ug/ml



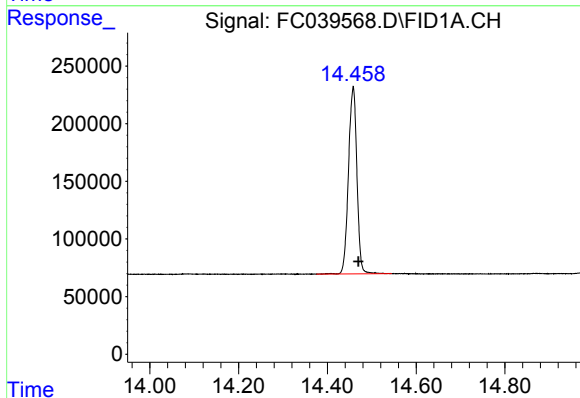
#13 n-Docosane (C22)

R.T.: 13.362 min
Delta R.T.: -0.013 min
Response: 2138677
Conc: 16.98 ug/ml

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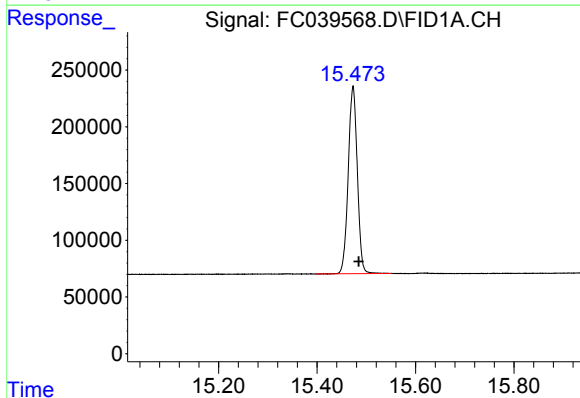
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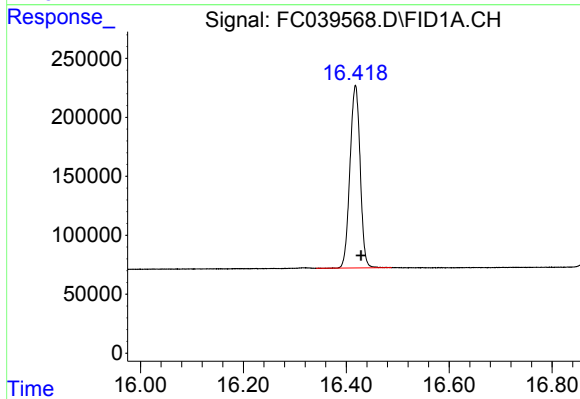
#14 n-Tetracosane (C24)

R.T.: 14.458 min
Delta R.T.: -0.012 min
Response: 2141165
Conc: 17.13 ug/ml



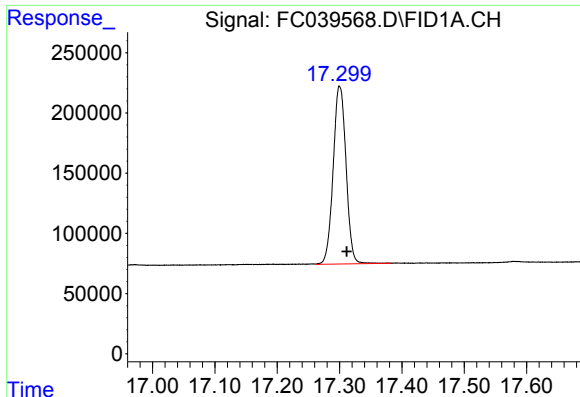
#15 n-Hexacosane (C26)

R.T.: 15.473 min
Delta R.T.: -0.012 min
Response: 2119468
Conc: 16.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.418 min
Delta R.T.: -0.011 min
Response: 2127545
Conc: 15.92 ug/ml



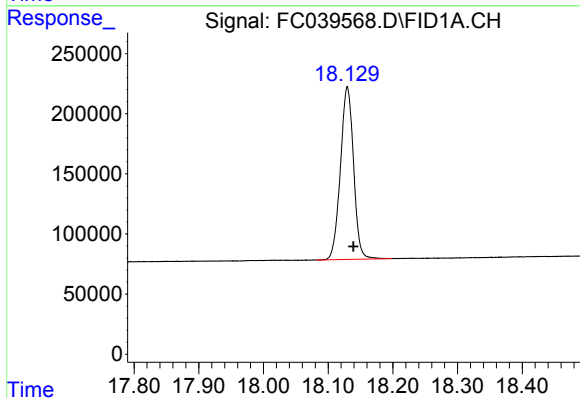
#17 n-Tricontane (C30)

R.T.: 17.299 min
Delta R.T.: -0.012 min
Response: 2119696
Conc: 14.44 ug/ml m

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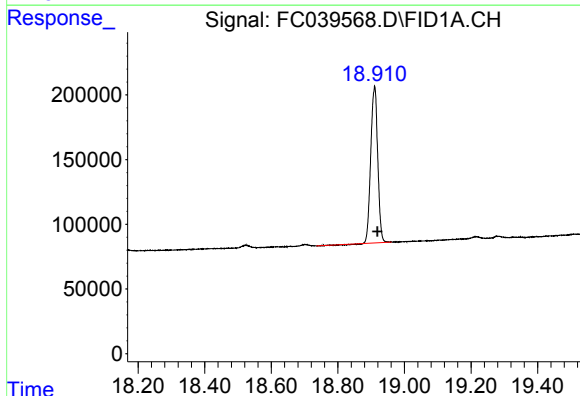
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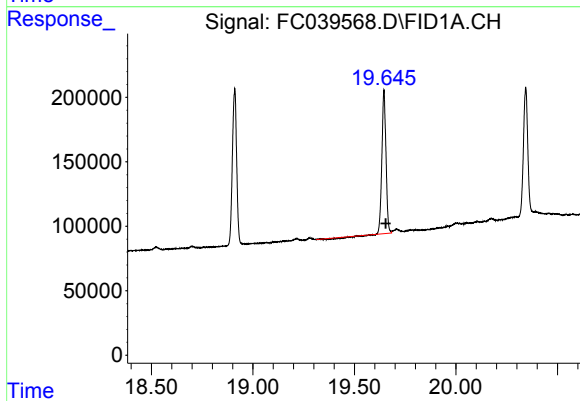
#18 n-Dotriacontane (C32)

R.T.: 18.130 min
Delta R.T.: -0.009 min
Response: 2021258
Conc: 15.05 ug/ml



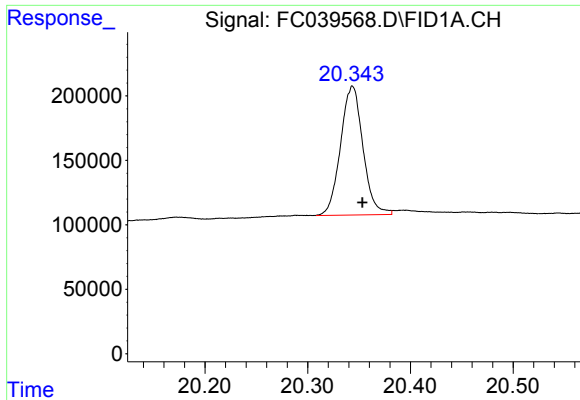
#19 n-Tetratriacontane (C34)

R.T.: 18.910 min
Delta R.T.: -0.009 min
Response: 1742582
Conc: 15.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.645 min
Delta R.T.: -0.010 min
Response: 1516283
Conc: 15.72 ug/ml



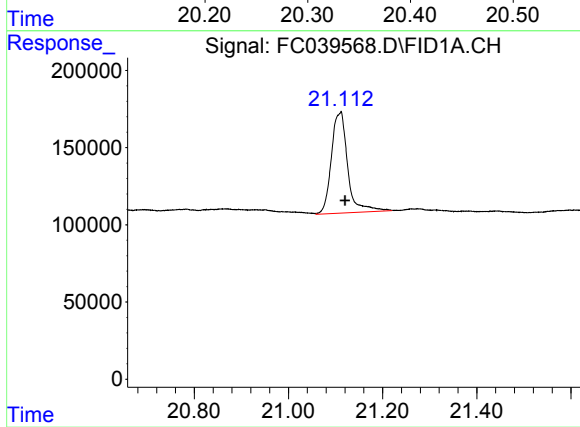
#21 n-Octatriacontane (C38)

R.T.: 20.343 min
Delta R.T.: -0.010 min
Response: 1515276
Conc: 16.50 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.112 min
Delta R.T.: -0.009 min
Response: 1573870
Conc: 17.34 ug/ml m