

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031319AL\
 Data File : FC039841.D
 Signal(s) : FID1A.CH
 Acq On : 14 Mar 2019 16:44
 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
 3/14/2019 6:03:30 PM

Integration File: autoint1.e
 Quant Time: Mar 14 17:11:52 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)	11.142	3414395	20.300 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	12.589	2484649	19.697 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.015	1978440	16.484 ug/ml
2) T n-Decane (C10)	4.065	2119428	17.593 ug/ml
3) T A~Naphthalene (C11.7)	5.615	2663293	20.467 ug/ml
4) T n-Dodecane (C12)	6.062	2360418	19.105 ug/ml
5) T A~2-methylnaphthalene...	6.660	2690977	20.750 ug/ml
6) T n-Tetradecane (C14)	7.838	2512567	19.727 ug/ml
7) T n-Hexadecane (C16)	9.424	2558705	19.745 ug/ml
8) T n-Octadecane (C18)	10.852	2541938	18.896 ug/ml
10) T n-Eicosane (C20)	12.152	2539493	19.475 ug/ml
11) T n-Heneicosane (C21)	12.760	2525667	19.915 ug/ml
13) T n-Docosane (C22)	13.342	2531980	20.100 ug/ml
14) T n-Tetracosane (C24)	14.437	2551546	20.415 ug/ml
15) T n-Hexacosane (C26)	15.452	2560199	20.525 ug/ml
16) T n-Octacosane (C28)	16.396	2595881	19.422 ug/ml
17) T n-Tricontane (C30)	17.278	2585779	17.619 ug/ml
18) T n-Dotriacontane (C32)	18.105	2480387	18.464 ug/ml
19) T n-Tetratriacontane (C34)	18.885	2142267	18.834 ug/ml
20) T n-Hexatriacontane (C36)	19.620	1870234	19.391 ug/ml
21) T n-Octatriacontane (C38)	20.320	1722286	18.758 ug/ml
22) T n-Tetracontane (C40)	21.075	1663389	18.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

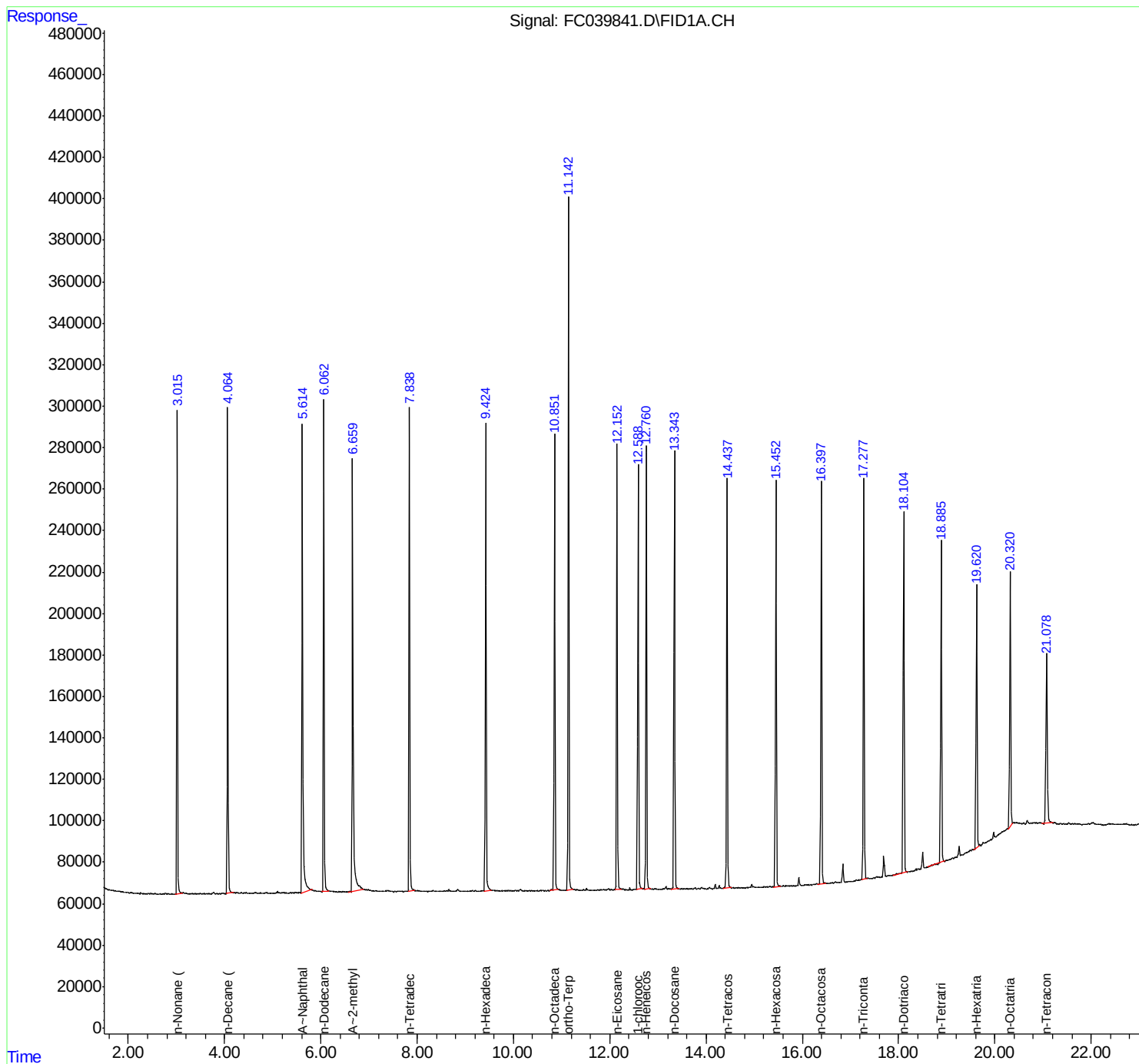
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

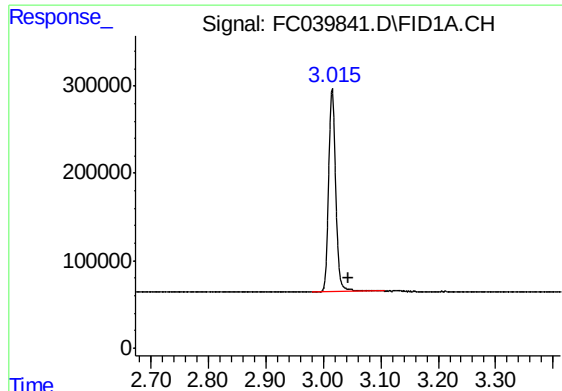
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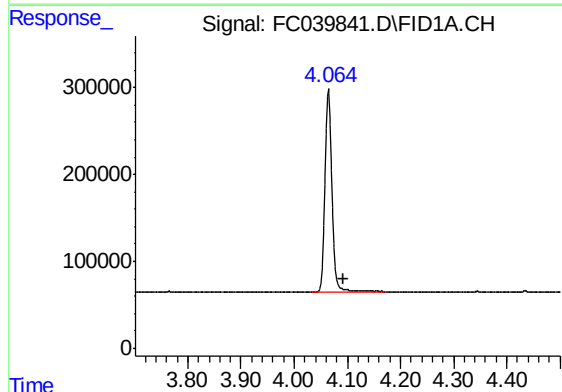
#1 n-Nonane (C9)

R.T.: 3.015 min
Delta R.T.: -0.030 min
Response: 1978440
Conc: 16.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

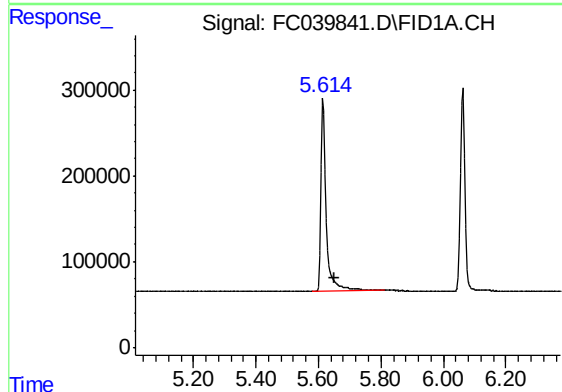
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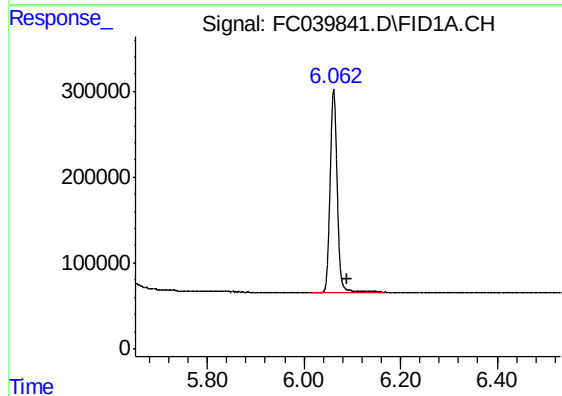
#2 n-Decane (C10)

R.T.: 4.065 min
Delta R.T.: -0.028 min
Response: 2119428
Conc: 17.59 ug/ml



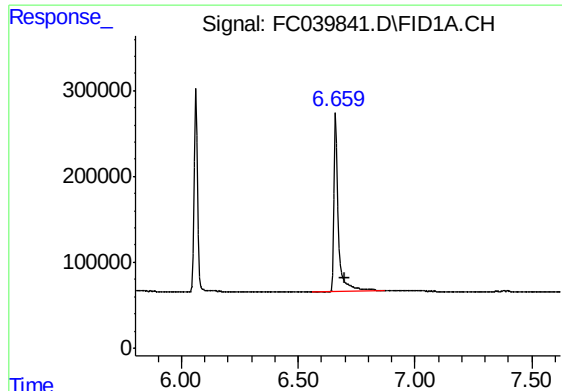
#3 A~Naphthalene (C11.7)

R.T.: 5.615 min
Delta R.T.: -0.036 min
Response: 2663293
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.062 min
Delta R.T.: -0.028 min
Response: 2360418
Conc: 19.11 ug/ml



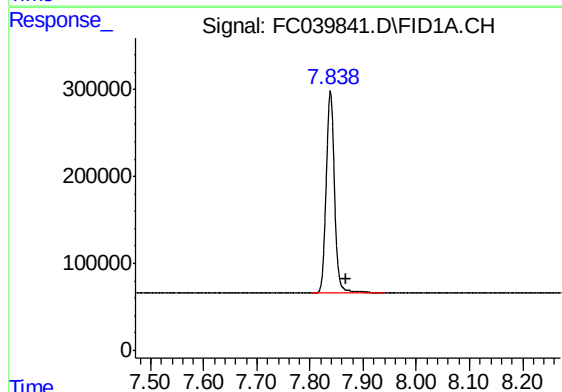
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.660 min
Delta R.T.: -0.038 min
Response: 2690977
Conc: 20.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

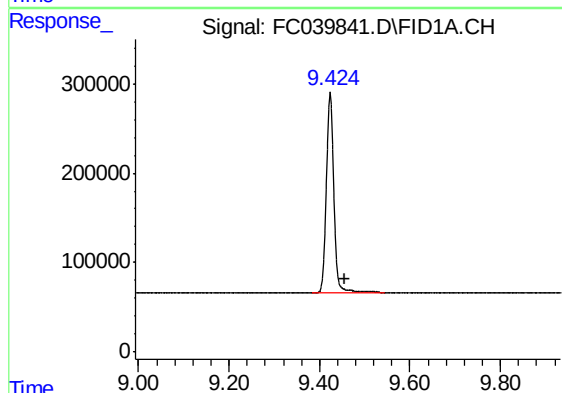
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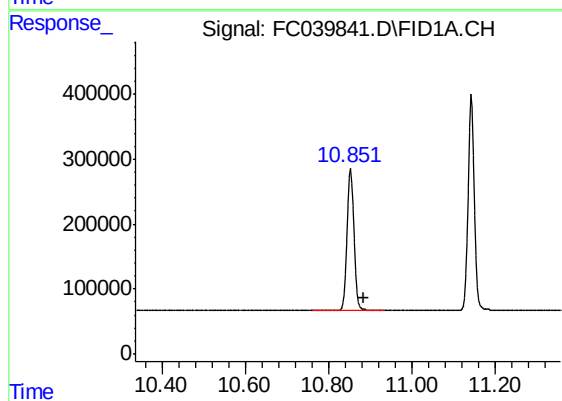
#6 n-Tetradecane (C14)

R.T.: 7.838 min
Delta R.T.: -0.030 min
Response: 2512567
Conc: 19.73 ug/ml



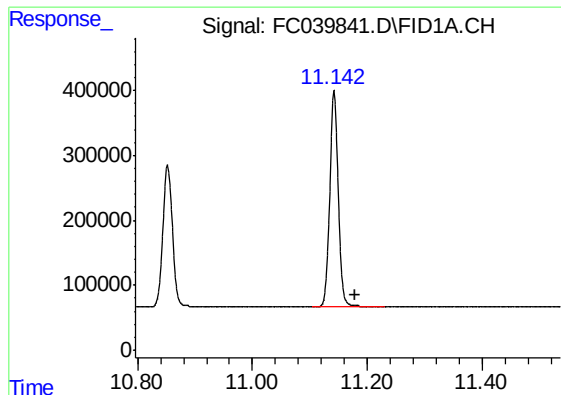
#7 n-Hexadecane (C16)

R.T.: 9.424 min
Delta R.T.: -0.031 min
Response: 2558705
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.852 min
Delta R.T.: -0.032 min
Response: 2541938
Conc: 18.90 ug/ml



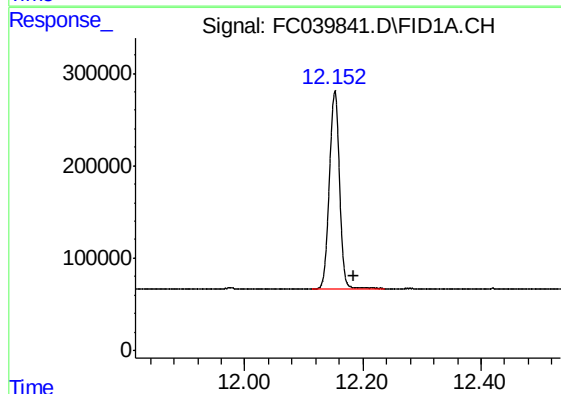
#9 ortho-Terphenyl (SURR)

R.T.: 11.142 min
Delta R.T.: -0.036 min
Response: 3414395
Conc: 20.30 ug/ml

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20 PPM ALIPHATIC HC STD

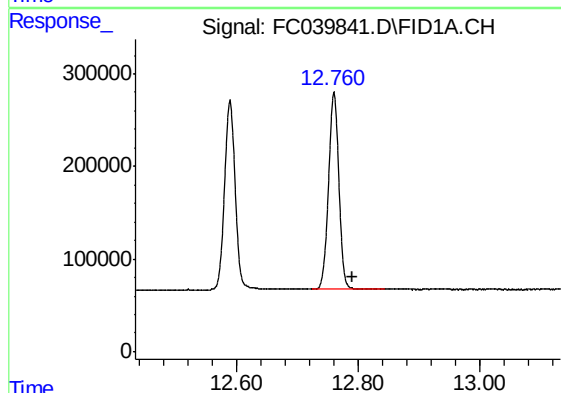
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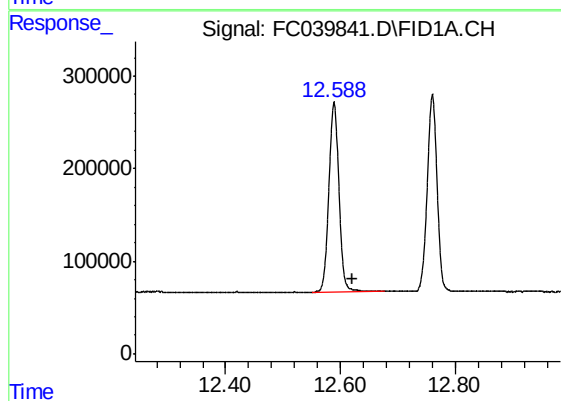
#10 n-Eicosane (C20)

R.T.: 12.152 min
Delta R.T.: -0.032 min
Response: 2539493
Conc: 19.48 ug/ml



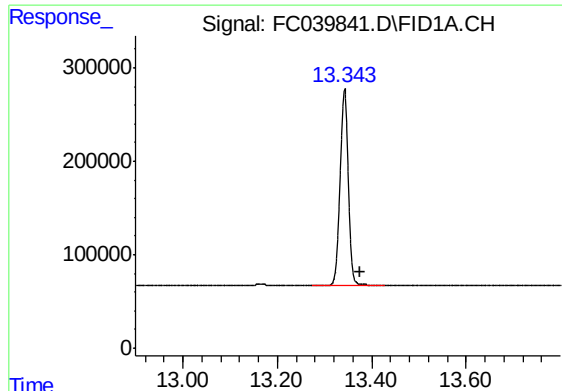
#11 n-Heneicosane (C21)

R.T.: 12.760 min
Delta R.T.: -0.031 min
Response: 2525667
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.589 min
Delta R.T.: -0.033 min
Response: 2484649
Conc: 19.70 ug/ml



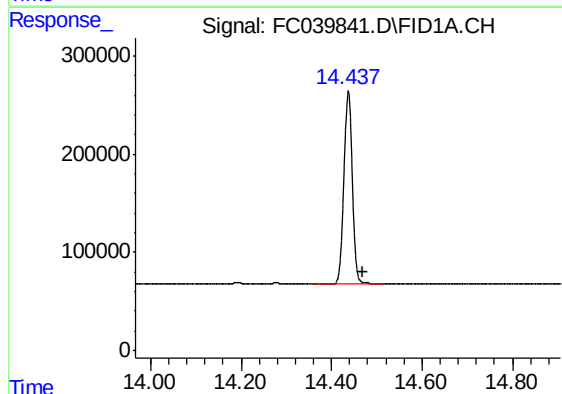
#13 n-Docosane (C22)

R.T.: 13.342 min
Delta R.T.: -0.032 min
Response: 2531980
Conc: 20.10 ug/ml

Instrument :
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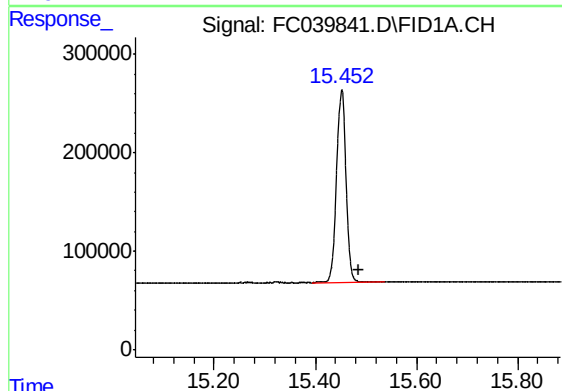
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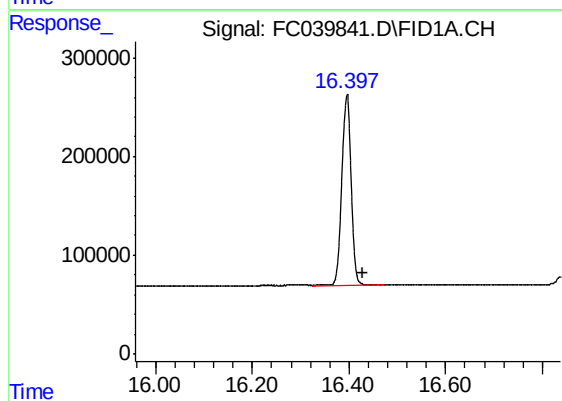
#14 n-Tetracosane (C24)

R.T.: 14.437 min
Delta R.T.: -0.033 min
Response: 2551546
Conc: 20.41 ug/ml



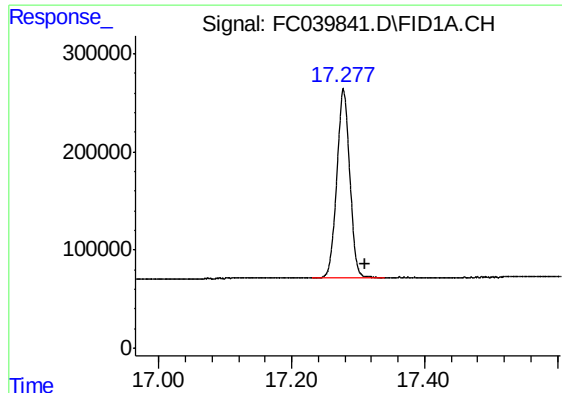
#15 n-Hexacosane (C26)

R.T.: 15.452 min
Delta R.T.: -0.033 min
Response: 2560199
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.396 min
Delta R.T.: -0.033 min
Response: 2595881
Conc: 19.42 ug/ml



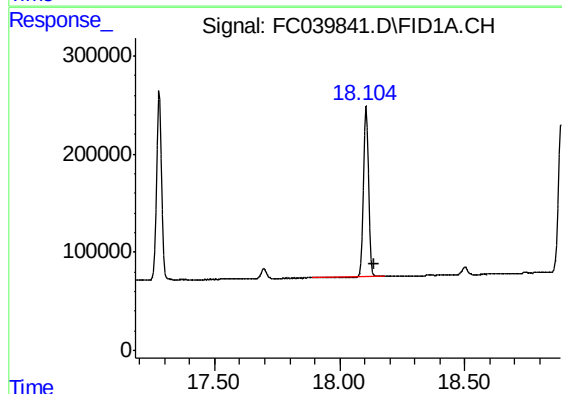
#17 n-Tricontane (C30)

R.T.: 17.278 min
Delta R.T.: -0.033 min
Response: 2585779
Conc: 17.62 ug/ml

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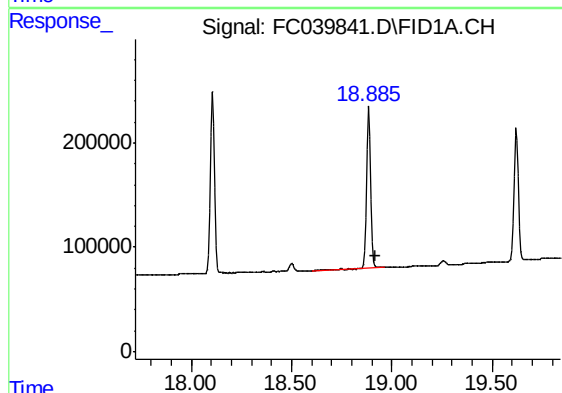
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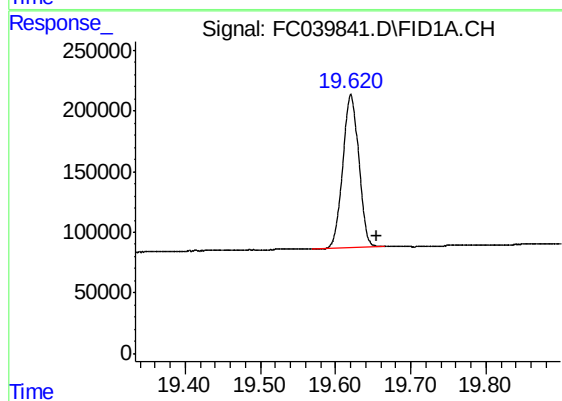
#18 n-Dotriacontane (C32)

R.T.: 18.105 min
Delta R.T.: -0.034 min
Response: 2480387
Conc: 18.46 ug/ml



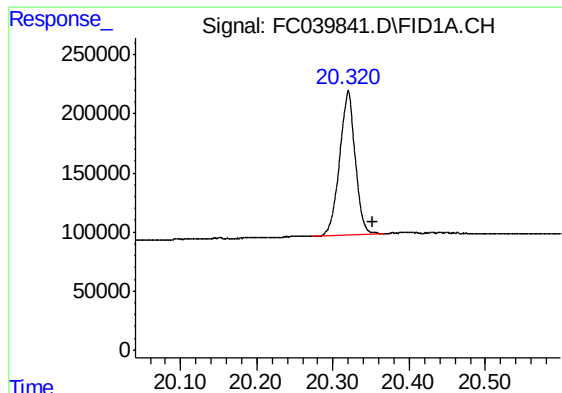
#19 n-Tetatriacontane (C34)

R.T.: 18.885 min
Delta R.T.: -0.034 min
Response: 2142267
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.620 min
Delta R.T.: -0.035 min
Response: 1870234
Conc: 19.39 ug/ml m



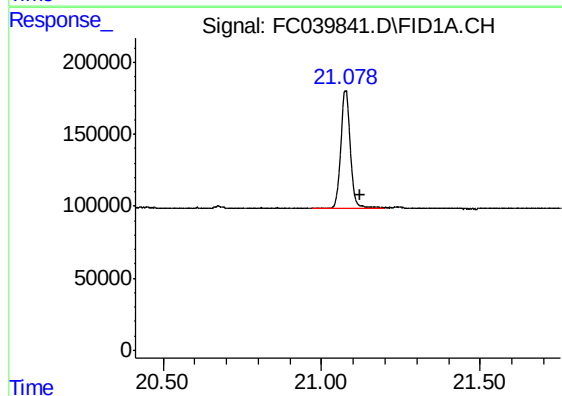
#21 n-Octatriacontane (C38)

R.T.: 20.320 min
Delta R.T.: -0.033 min
Response: 1722286
Conc: 18.76 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.075 min
Delta R.T.: -0.045 min
Response: 1663389
Conc: 18.33 ug/ml