

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022219AL\
 Data File : FC039360.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2019 16:50
 Operator : AJ\SJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Sohil
 2/26/2019 10:05:31 AM

Integration File: sample.E
 Quant Time: Feb 23 01:30:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 23 01:28:09 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)	11.178	904964	5.309 ug/ml
Spiked Amount 50.000		Recovery =	10.62%
12) S 1-chlorooctadecane (S...	12.621	678256	5.303 ug/ml
Spiked Amount 50.000		Recovery =	10.61%
Target Compounds			
1) T n-Nonane (C9)	3.045	638084	5.495 ug/ml
2) T n-Decane (C10)	4.093	624569	5.315 ug/ml
3) T A~Naphthalene (C11.7)	5.651	637360	4.982 ug/ml
4) T n-Dodecane (C12)	6.090	659053	5.478 ug/ml
5) T A~2-methylnaphthalene...	6.697	625957	4.938 ug/ml
6) T n-Tetradecane (C14)	7.868	683541	5.439 ug/ml
7) T n-Hexadecane (C16)	9.455	705228	5.437 ug/ml
8) T n-Octadecane (C18)	10.885	774566	5.766 ug/ml
10) T n-Eicosane (C20)	12.184	722127	5.481 ug/ml
11) T n-Heneicosane (C21)	12.791	686024	5.359 ug/mlm
13) T n-Docosane (C22)	13.374	678769	5.347 ug/ml
14) T n-Tetracosane (C24)	14.470	664993	5.362 ug/ml
15) T n-Hexacosane (C26)	15.485	673945	5.623 ug/ml
16) T n-Octacosane (C28)	16.429	779134	6.267 ug/ml
17) T n-Tricontane (C30)	17.311	958079	7.261 ug/mlm
18) T n-Dotriacontane (C32)	18.139	845085	6.988 ug/ml
19) T n-Tetratriacontane (C34)	18.919	655581	6.342 ug/ml
20) T n-Hexatriacontane (C36)	19.655	522120	5.859 ug/ml
21) T n-Octatriacontane (C38)	20.353	495066	5.924 ug/ml
22) T n-Tetracontane (C40)	21.120	485633	5.820 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

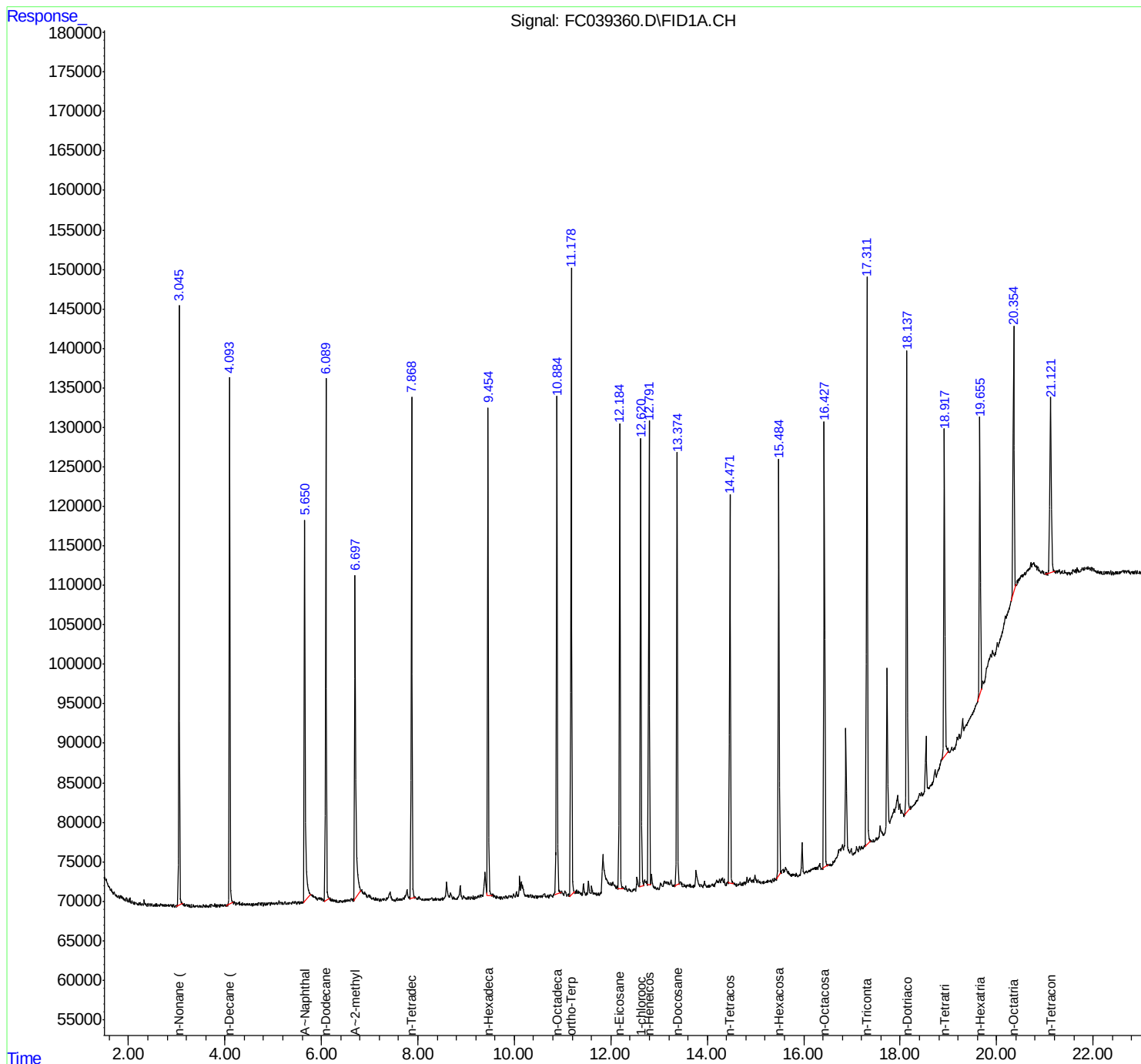
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

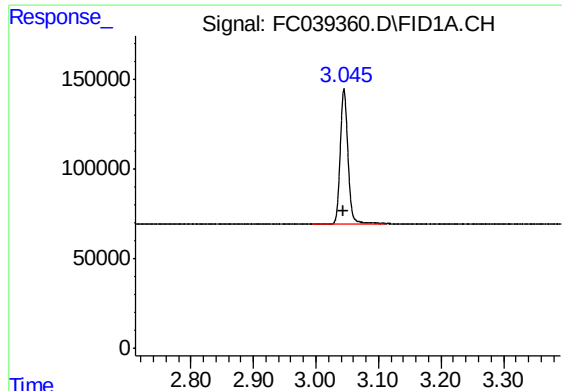
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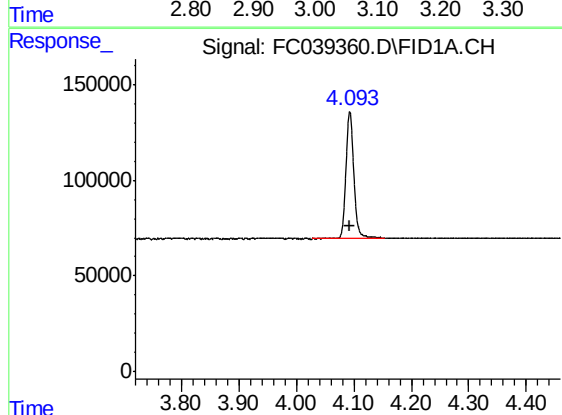
#1 n-Nonane (C9)

R.T.: 3.045 min
Delta R.T.: 0.000 min
Response: 638084
Conc: 5.49 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

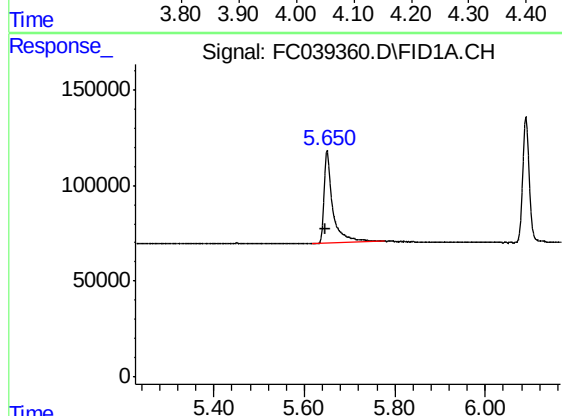
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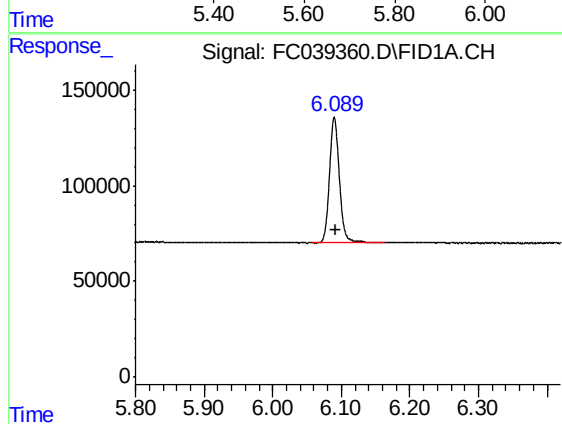
#2 n-Decane (C10)

R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 624569
Conc: 5.31 ug/ml



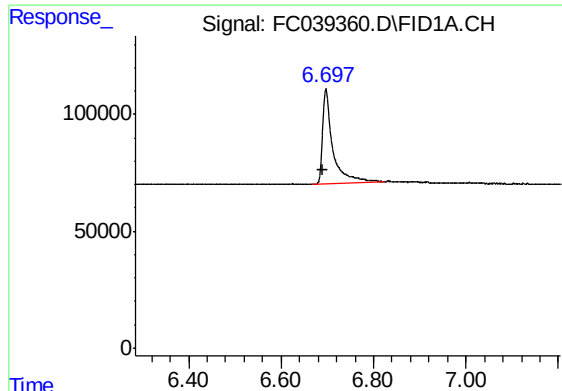
#3 A~Naphthalene (C11.7)

R.T.: 5.651 min
Delta R.T.: 0.005 min
Response: 637360
Conc: 4.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.090 min
Delta R.T.: -0.001 min
Response: 659053
Conc: 5.48 ug/ml



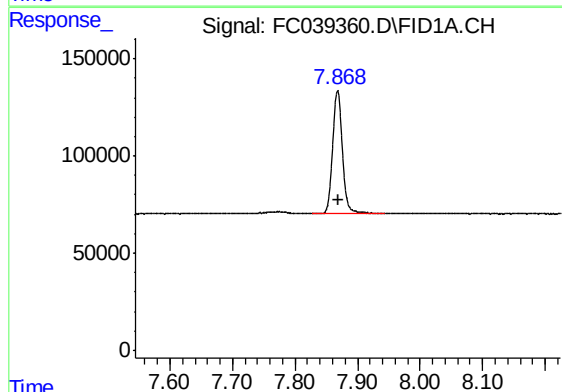
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.697 min
Delta R.T.: 0.006 min
Response: 625957
Conc: 4.94 ug/ml

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5

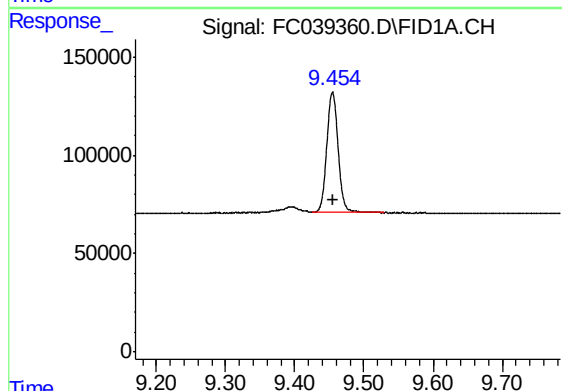
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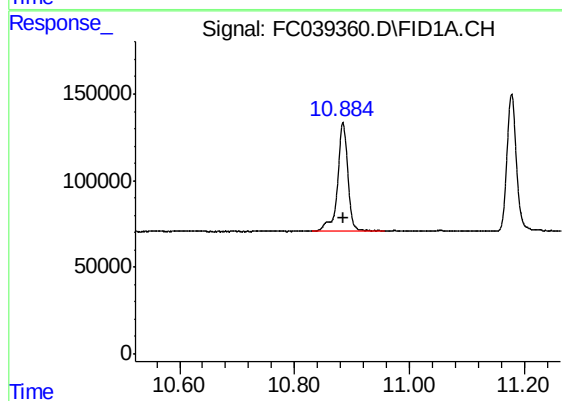
#6 n-Tetradecane (C14)

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 683541
Conc: 5.44 ug/ml



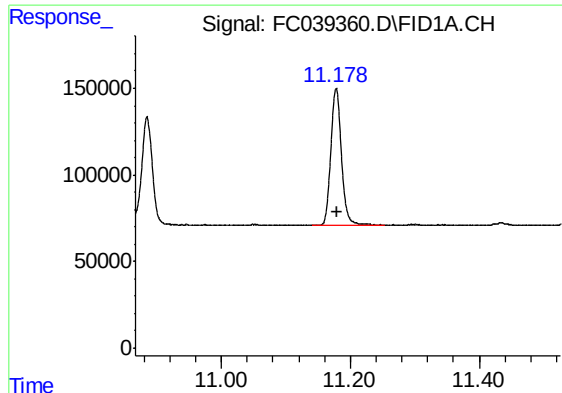
#7 n-Hexadecane (C16)

R.T.: 9.455 min
Delta R.T.: 0.000 min
Response: 705228
Conc: 5.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.885 min
Delta R.T.: -0.001 min
Response: 774566
Conc: 5.77 ug/ml



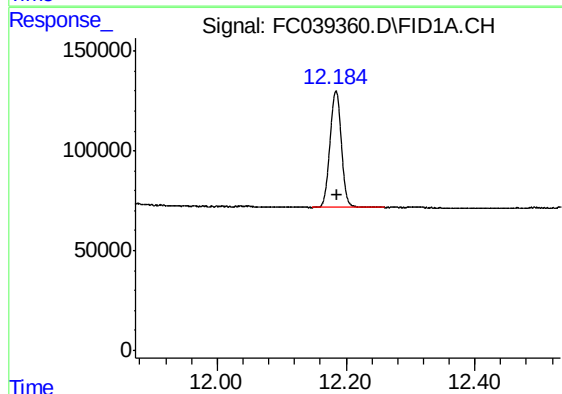
#9 ortho-Terphenyl (SURR)

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 904964
Conc: 5.31 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

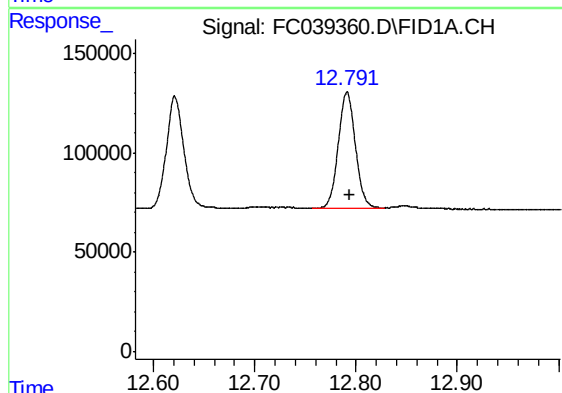
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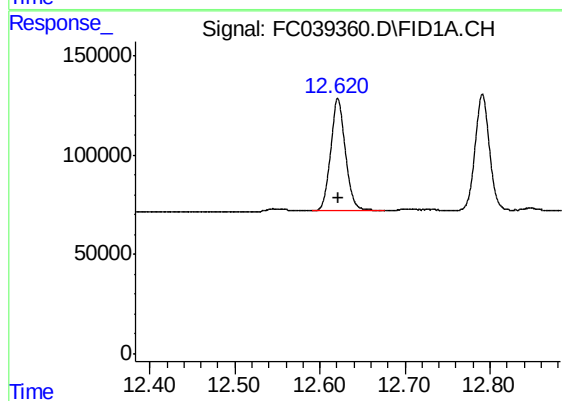
#10 n-Eicosane (C20)

R.T.: 12.184 min
Delta R.T.: -0.001 min
Response: 722127
Conc: 5.48 ug/ml



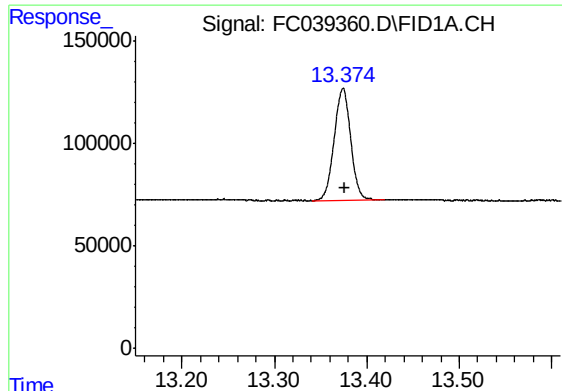
#11 n-Heneicosane (C21)

R.T.: 12.791 min
Delta R.T.: -0.002 min
Response: 686024
Conc: 5.36 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.621 min
Delta R.T.: 0.000 min
Response: 678256
Conc: 5.30 ug/ml



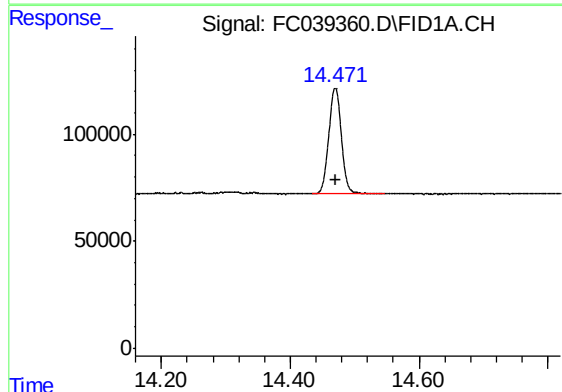
#13 n-Docosane (C22)

R.T.: 13.374 min
Delta R.T.: -0.002 min
Response: 678769
Conc: 5.35 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

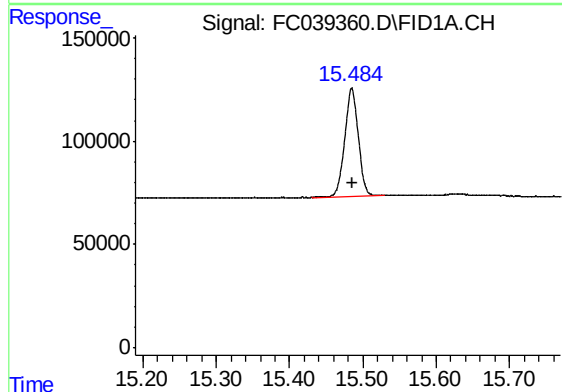
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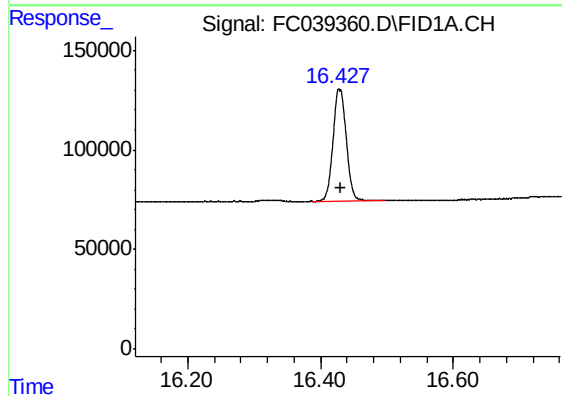
#14 n-Tetracosane (C24)

R.T.: 14.470 min
Delta R.T.: 0.000 min
Response: 664993
Conc: 5.36 ug/ml



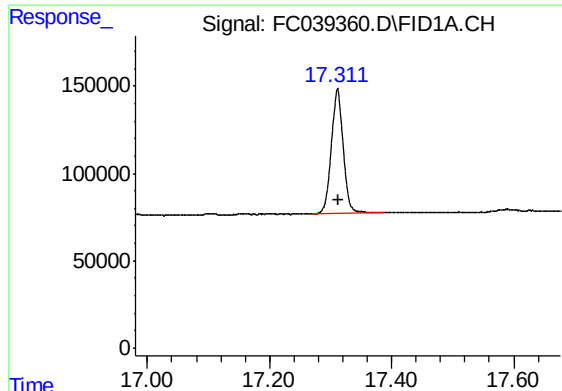
#15 n-Hexacosane (C26)

R.T.: 15.485 min
Delta R.T.: -0.001 min
Response: 673945
Conc: 5.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.429 min
Delta R.T.: -0.001 min
Response: 779134
Conc: 6.27 ug/ml



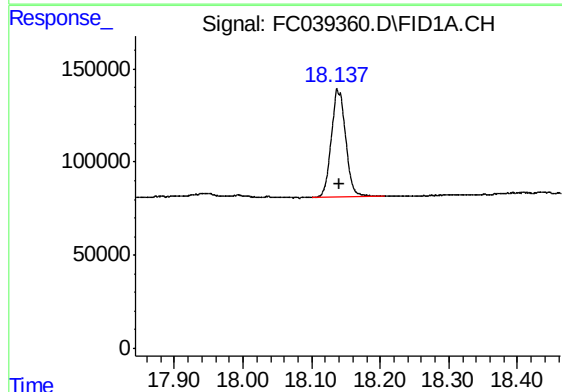
#17 n-Tricontane (C30)

R.T.: 17.311 min
Delta R.T.: -0.001 min
Response: 958079
Conc: 7.26 ug/ml m

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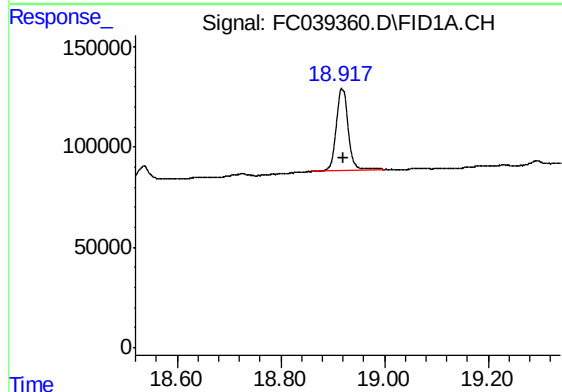
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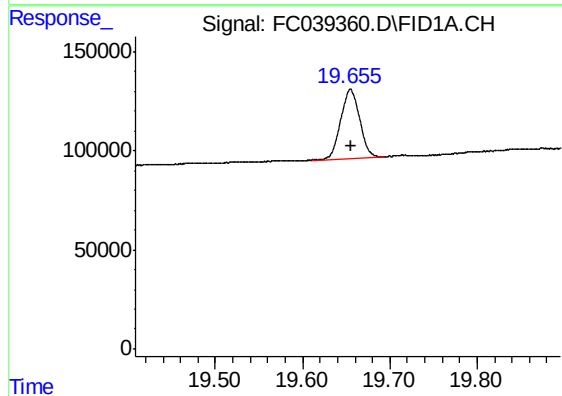
#18 n-Dotriacontane (C32)

R.T.: 18.139 min
Delta R.T.: -0.001 min
Response: 845085
Conc: 6.99 ug/ml



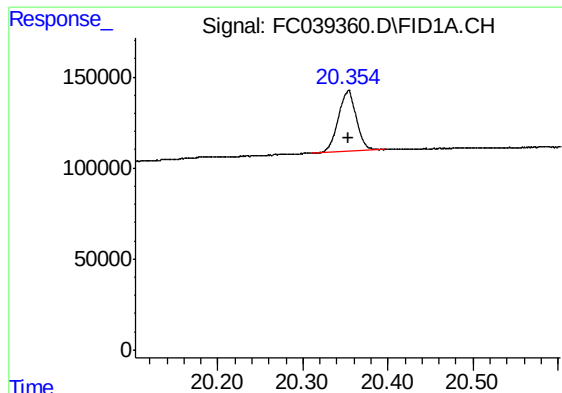
#19 n-Tetratriacontane (C34)

R.T.: 18.919 min
Delta R.T.: -0.001 min
Response: 655581
Conc: 6.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.655 min
Delta R.T.: 0.000 min
Response: 522120
Conc: 5.86 ug/ml



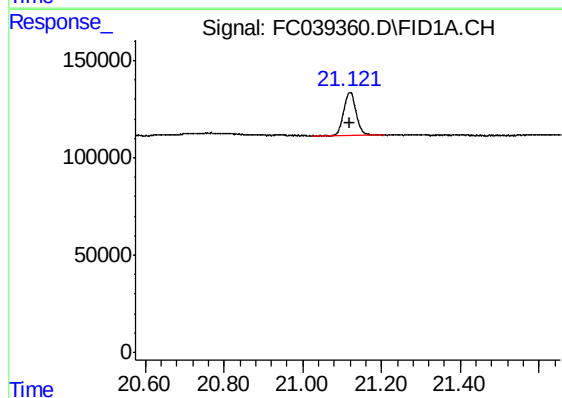
#21 n-Octatriacontane (C38)

R.T.: 20.353 min
Delta R.T.: 0.000 min
Response: 495066
Conc: 5.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.120 min
Delta R.T.: 0.000 min
Response: 485633
Conc: 5.82 ug/ml