

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032320AL\
 Data File : FC046445.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2020 19:18
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Sohil
 3/24/2020 2:53:03 PM

Integration File: sample.E
 Quant Time: Mar 24 02:46:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 02:36:38 2020
 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)	11.753	514174	4.515 ug/mlm
Spiked Amount 50.000		Recovery =	9.03%
12) S 1-chlorooctadecane (S...	13.171	401967	4.461 ug/ml
Spiked Amount 50.000		Recovery =	8.92%
Target Compounds			
1) T n-Nonane (C9)	3.539	438182	4.390 ug/mlm
2) T n-Decane (C10)	4.607	435002	4.339 ug/mlm
3) T A~Naphthalene (C11.7)	6.211	413525	3.924 ug/mlm
4) T n-Dodecane (C12)	6.614	441657	4.333 ug/mlm
5) T A~2-methylnaphthalene...	7.262	424621	4.004 ug/mlm
6) T n-Tetradecane (C14)	8.397	453923	4.433 ug/mlm
7) T n-Hexadecane (C16)	9.990	460717	4.438 ug/mlm
8) T n-Octadecane (C18)	11.423	477084	4.508 ug/mlm
10) T n-Eicosane (C20)	12.725	484823	4.553 ug/ml
11) T n-Heneicosane (C21)	13.334	489247	4.556 ug/ml
13) T n-Docosane (C22)	13.916	485353	4.533 ug/ml
14) T n-Tetracosane (C24)	15.013	490877	4.559 ug/ml
15) T n-Hexacosane (C26)	16.030	491554	4.595 ug/ml
16) T n-Octacosane (C28)	16.976	495676	4.684 ug/ml
17) T n-Tricontane (C30)	17.858	487004	4.801 ug/ml
18) T n-Dotriacontane (C32)	18.685	433568	5.040 ug/ml
19) T n-Tetratriacontane (C34)	19.466	353057	4.728 ug/ml
20) T n-Hexatriacontane (C36)	20.201	403059	5.780 ug/ml
21) T n-Octatriacontane (C38)	20.962	306458	4.630 ug/ml
22) T n-Tetracontane (C40)	21.923	418604	6.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 23 Mar 2020 19:18
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 7 Sample Multiplier: 1

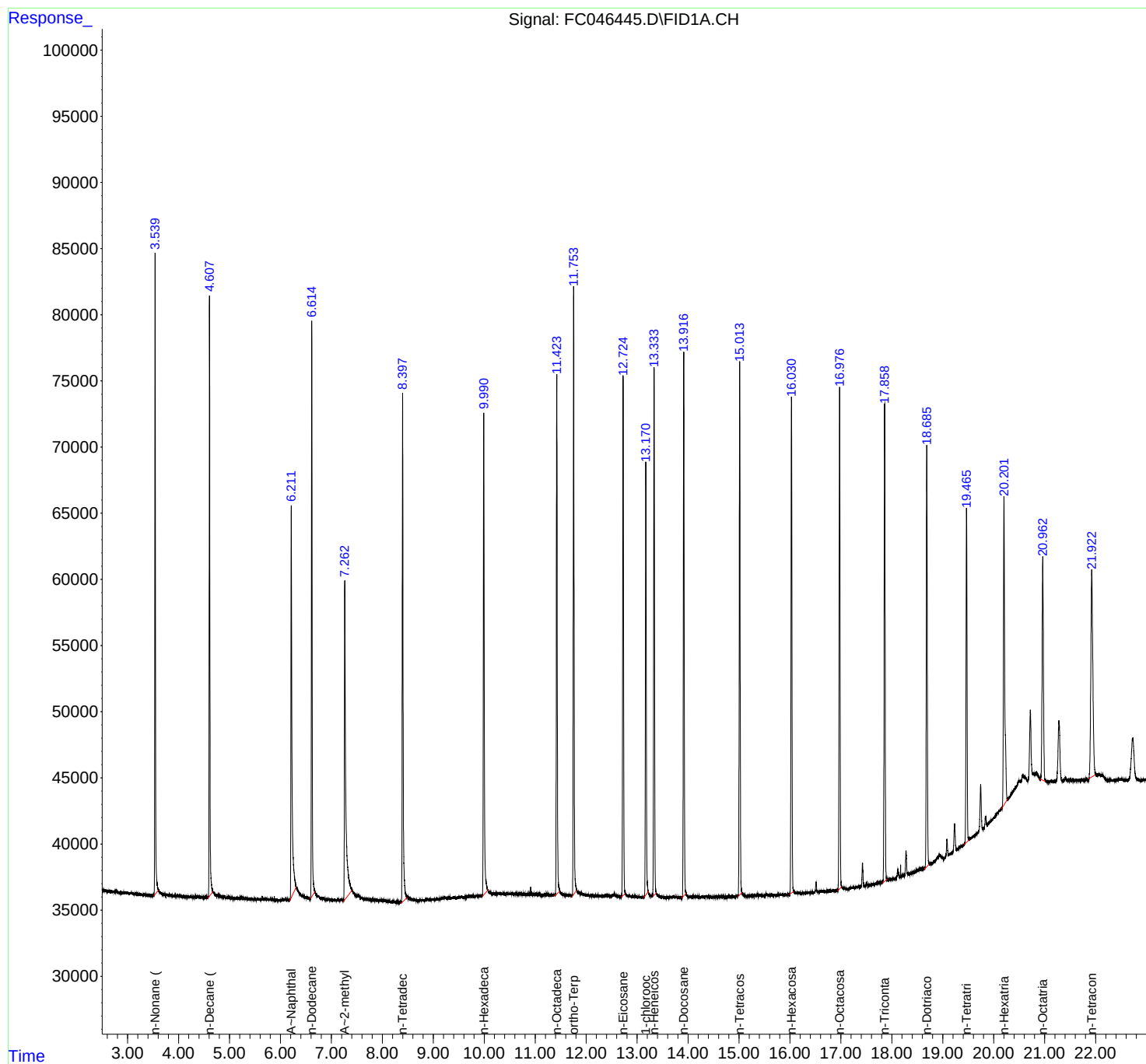
Instrument :
FID_C
ClientSampled :
5 PPM ALIPHATIC HC STD5

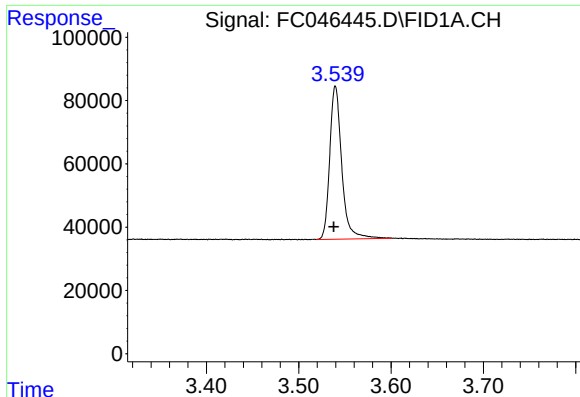
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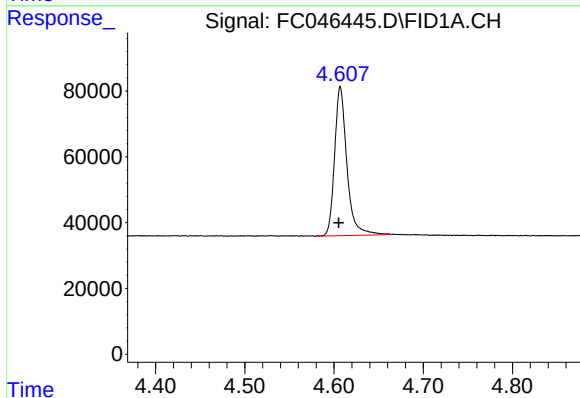
#1 n-Nonane (C9)

R.T.: 3.539 min
Delta R.T.: 0.001 min
Response: 438182
Conc: 4.39 ug/ml m

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

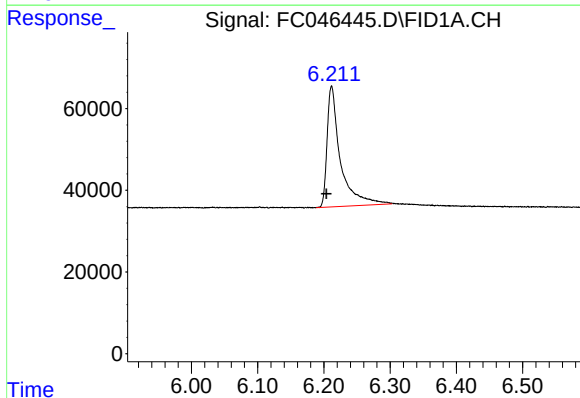
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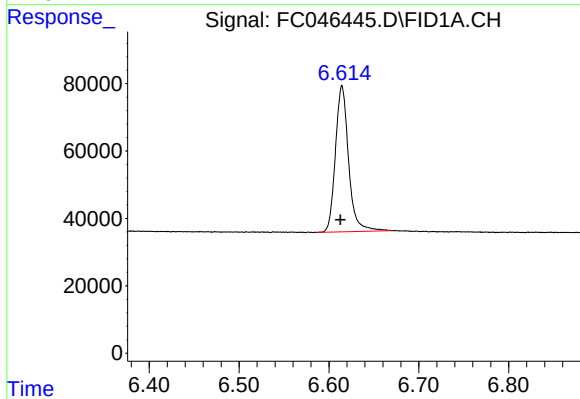
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.001 min
Response: 435002
Conc: 4.34 ug/ml m



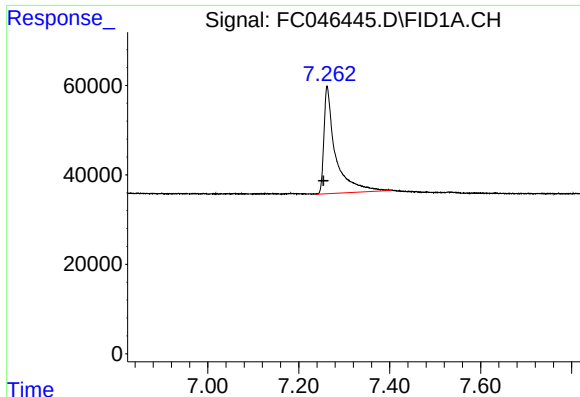
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: 0.007 min
Response: 413525
Conc: 3.92 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 441657
Conc: 4.33 ug/ml m



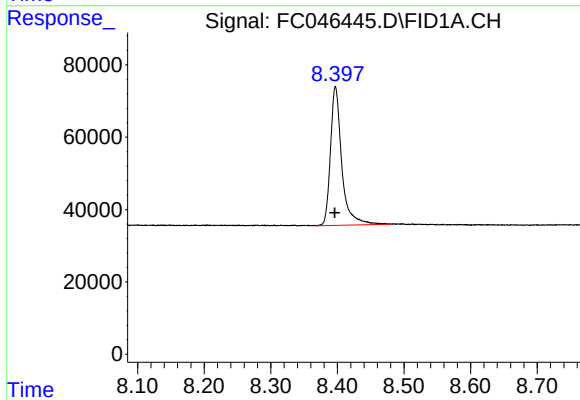
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.008 min
Response: 424621
Conc: 4.00 ug/ml m

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5

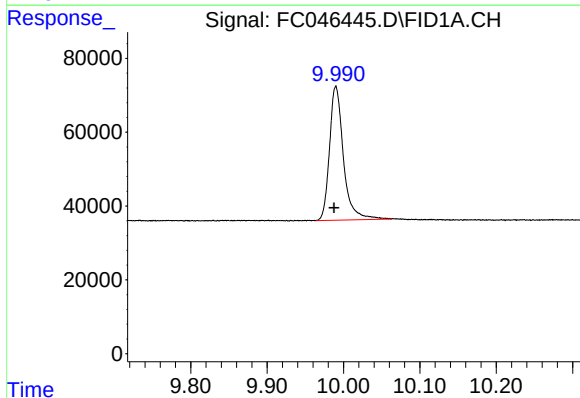
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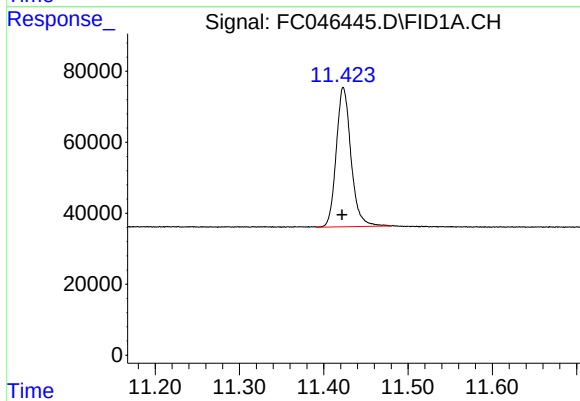
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 453923
Conc: 4.43 ug/ml m



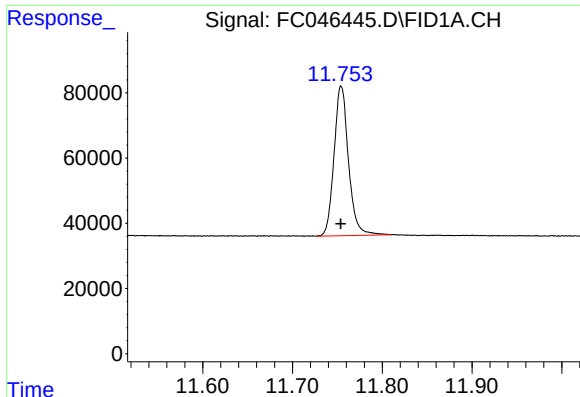
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.002 min
Response: 460717
Conc: 4.44 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.423 min
Delta R.T.: 0.001 min
Response: 477084
Conc: 4.51 ug/ml m



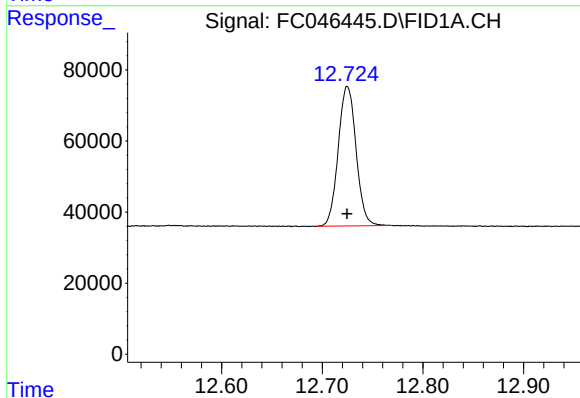
#9 ortho-Terphenyl (SURR)

R.T.: 11.753 min
Delta R.T.: 0.000 min
Response: 514174
Conc: 4.52 ug/ml m

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

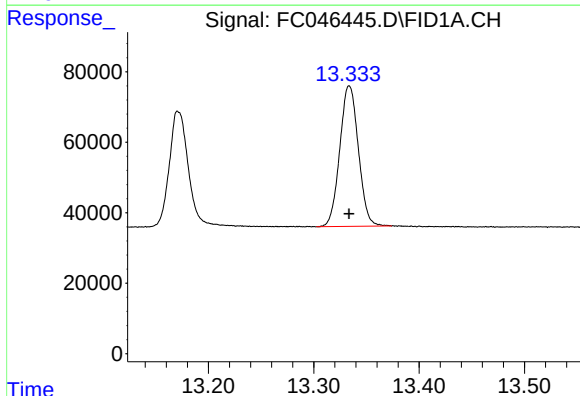
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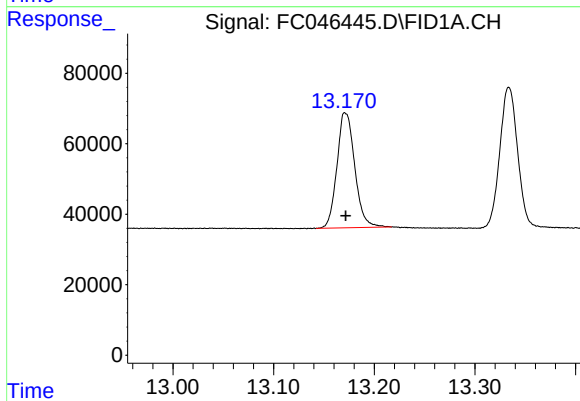
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: 0.000 min
Response: 484823
Conc: 4.55 ug/ml



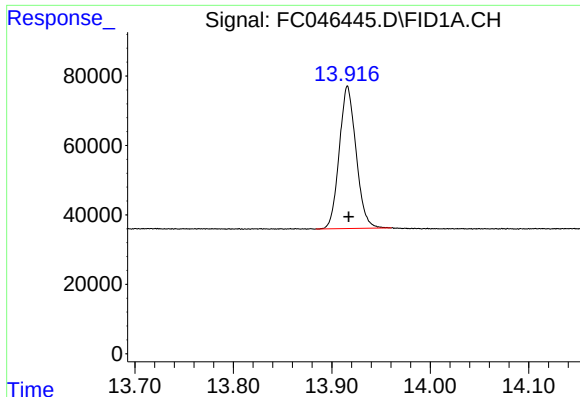
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 489247
Conc: 4.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.171 min
Delta R.T.: 0.000 min
Response: 401967
Conc: 4.46 ug/ml



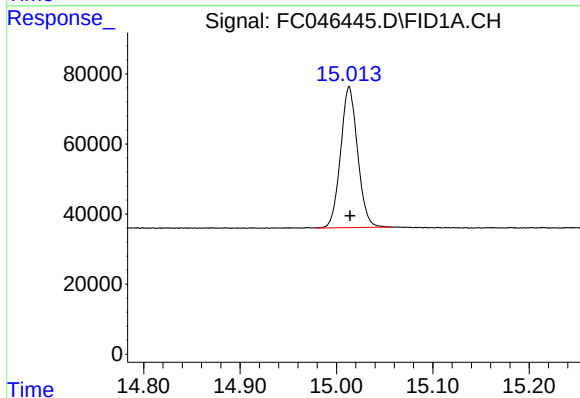
#13 n-Docosane (C22)

R.T.: 13.916 min
Delta R.T.: -0.001 min
Response: 485353
Conc: 4.53 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

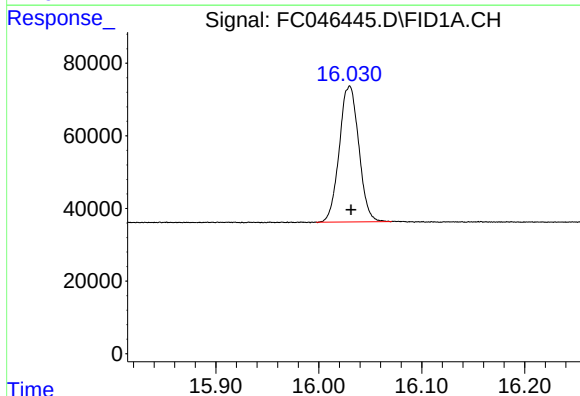
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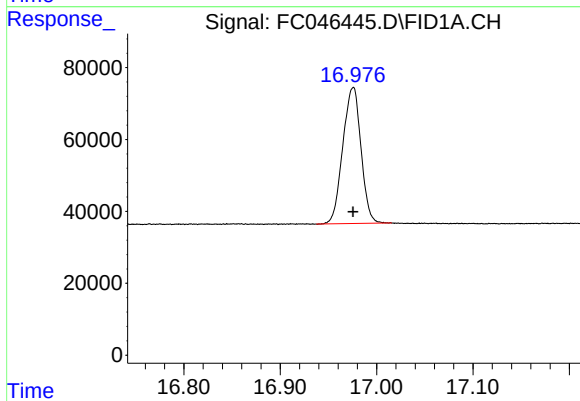
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.000 min
Response: 490877
Conc: 4.56 ug/ml



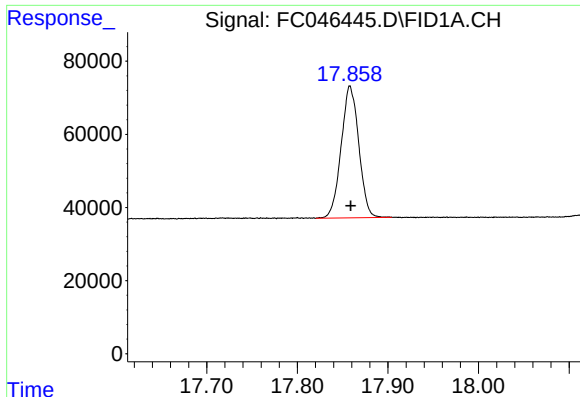
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: -0.001 min
Response: 491554
Conc: 4.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: 0.000 min
Response: 495676
Conc: 4.68 ug/ml



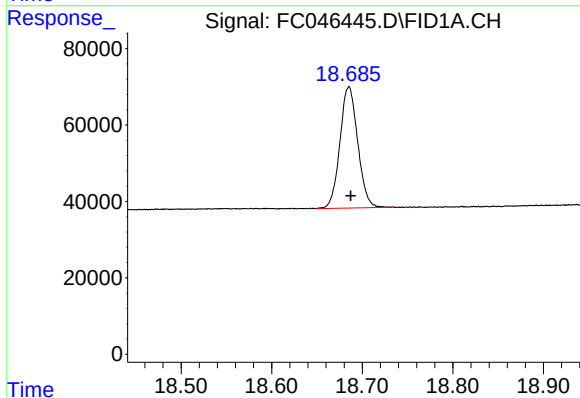
#17 n-Tricontane (C30)

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 487004
Conc: 4.80 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

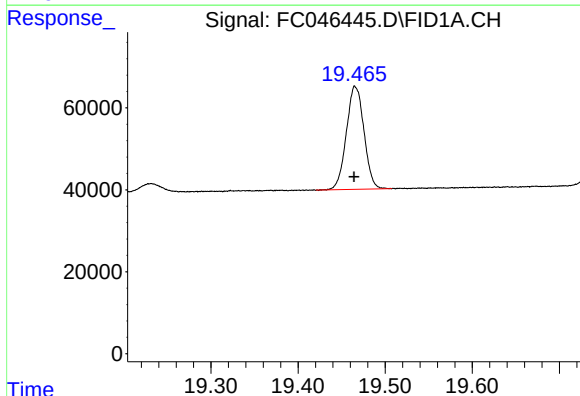
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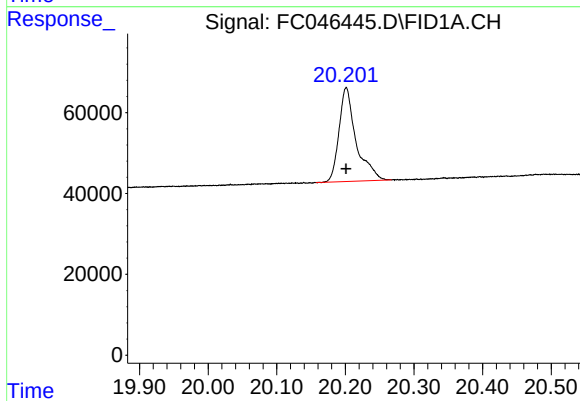
#18 n-Dotriacontane (C32)

R.T.: 18.685 min
Delta R.T.: -0.002 min
Response: 433568
Conc: 5.04 ug/ml



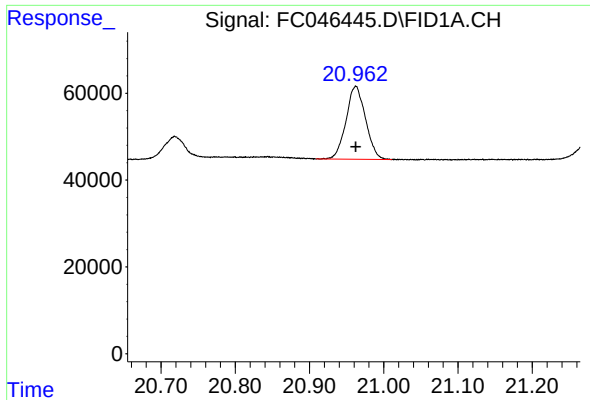
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.001 min
Response: 353057
Conc: 4.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.201 min
Delta R.T.: 0.000 min
Response: 403059
Conc: 5.78 ug/ml



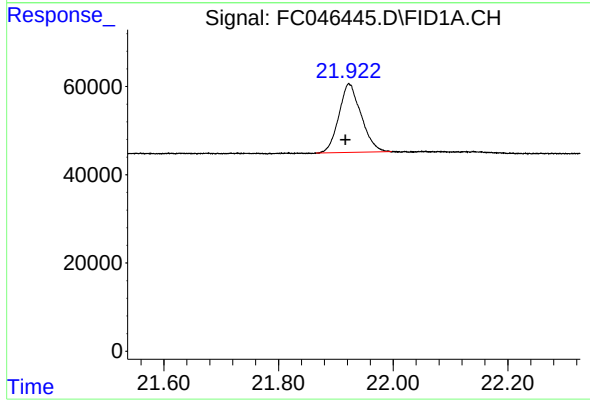
#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: 0.000 min
Response: 306458
Conc: 4.63 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.923 min
Delta R.T.: 0.006 min
Response: 418604
Conc: 6.16 ug/ml