

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030119AL\
 Data File : FC039514.D
 Signal(s) : FID1A.CH
 Acq On : 01 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 8:45:47 AM

Integration File: sample.E
 Quant Time: Mar 01 23:22:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.166	3215297	19.116 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
12) S 1-chlorooctadecane (S...	12.611	2344450	18.586 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
Target Compounds			
1) T n-Nonane (C9)	3.035	2338470	19.484 ug/ml
2) T n-Decane (C10)	4.083	2365850	19.638 ug/ml
3) T A~Naphthalene (C11.7)	5.633	2633779	20.240 ug/ml
4) T n-Dodecane (C12)	6.080	2389433	19.340 ug/ml
5) T A~2-methylnaphthalene...	6.679	2637719	20.340 ug/ml
6) T n-Tetradecane (C14)	7.858	2460239	19.316 ug/ml
7) T n-Hexadecane (C16)	9.445	2493403	19.241 ug/ml
8) T n-Octadecane (C18)	10.875	2468814	18.352 ug/ml
10) T n-Eicosane (C20)	12.174	2486097	19.066 ug/ml
11) T n-Heneicosane (C21)	12.782	2487277	19.612 ug/ml
13) T n-Docosane (C22)	13.364	2471587	19.621 ug/ml
14) T n-Tetracosane (C24)	14.461	2315921	18.529 ug/ml
15) T n-Hexacosane (C26)	15.475	2361747	18.934 ug/ml
16) T n-Octacosane (C28)	16.420	2448654	18.321 ug/mlm
17) T n-Tricontane (C30)	17.301	2417467	16.472 ug/mlm
18) T n-Dotriacontane (C32)	18.133	2376803	17.693 ug/mlm
19) T n-Tetratriacontane (C34)	18.910	2071399	18.211 ug/ml
20) T n-Hexatriacontane (C36)	19.645	1739526	18.036 ug/mlm
21) T n-Octatriacontane (C38)	20.342	1577296	17.179 ug/mlm
22) T n-Tetracontane (C40)	21.107	1703502	18.770 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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ALS Vial : 2 Sample Multiplier: 1

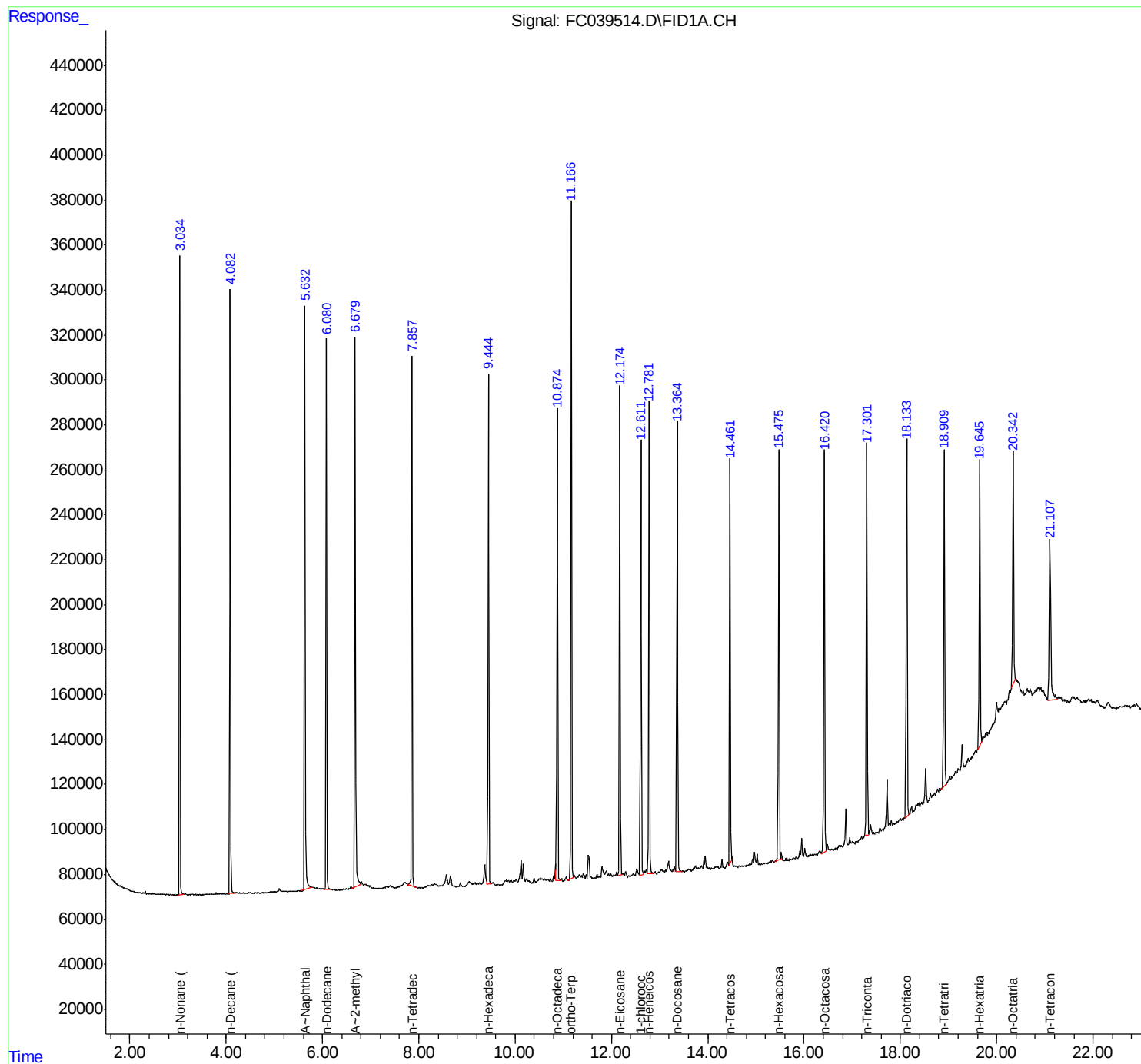
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

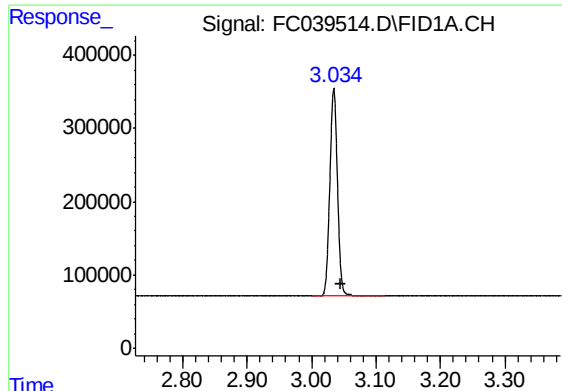
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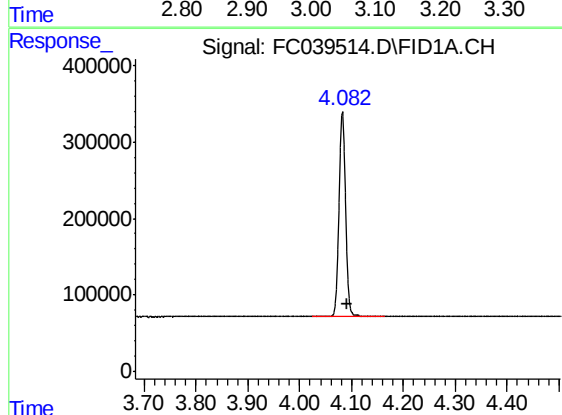
#1 n-Nonane (C9)

R.T.: 3.035 min
Delta R.T.: -0.010 min
Response: 2338470
Conc: 19.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

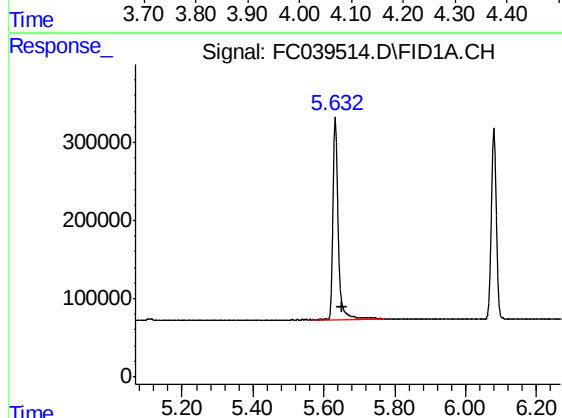
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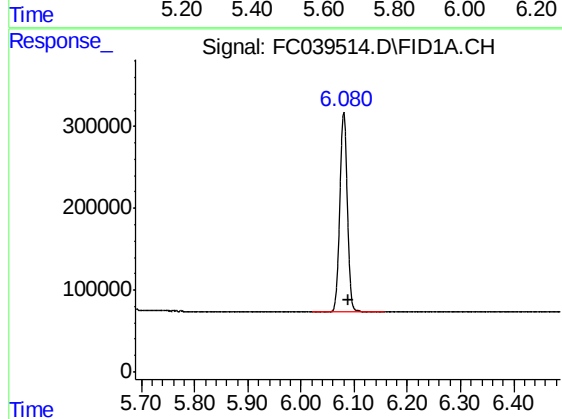
#2 n-Decane (C10)

R.T.: 4.083 min
Delta R.T.: -0.011 min
Response: 2365850
Conc: 19.64 ug/ml



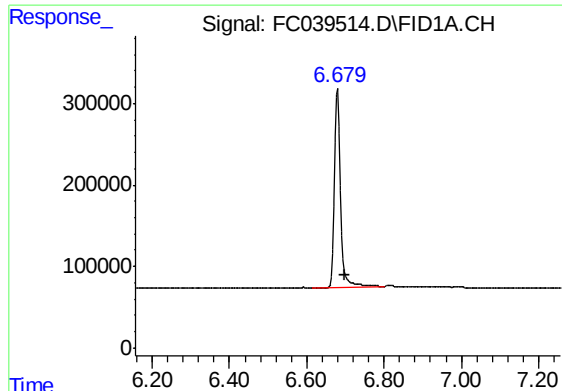
#3 A~Naphthalene (C11.7)

R.T.: 5.633 min
Delta R.T.: -0.018 min
Response: 2633779
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.080 min
Delta R.T.: -0.010 min
Response: 2389433
Conc: 19.34 ug/ml



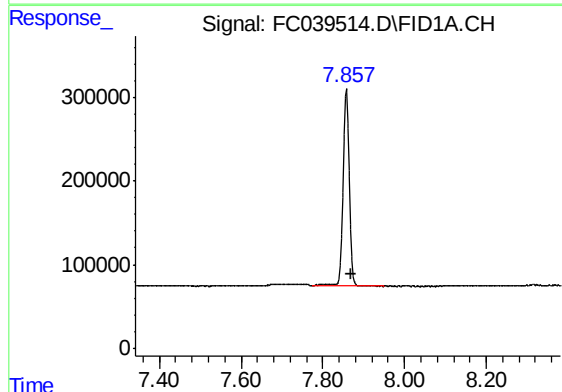
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.679 min
Delta R.T.: -0.018 min
Response: 2637719
Conc: 20.34 ug/ml

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20 PPM ALIPHATIC HC STD

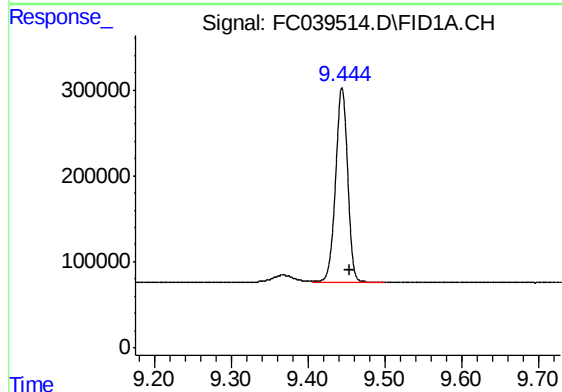
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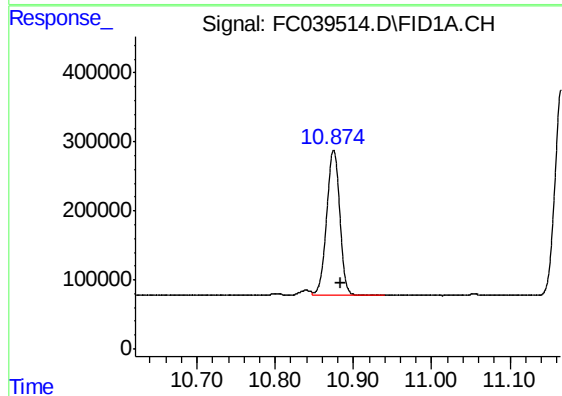
#6 n-Tetradecane (C14)

R.T.: 7.858 min
Delta R.T.: -0.010 min
Response: 2460239
Conc: 19.32 ug/ml



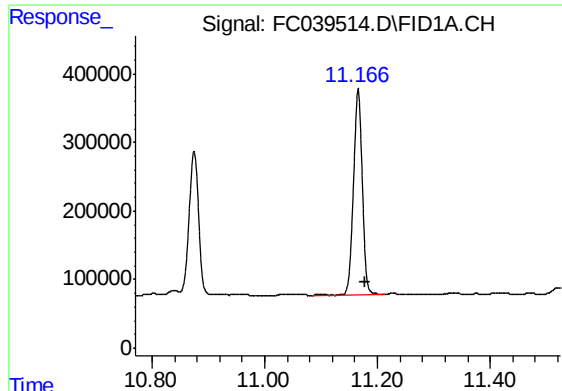
#7 n-Hexadecane (C16)

R.T.: 9.445 min
Delta R.T.: -0.010 min
Response: 2493403
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.875 min
Delta R.T.: -0.010 min
Response: 2468814
Conc: 18.35 ug/ml



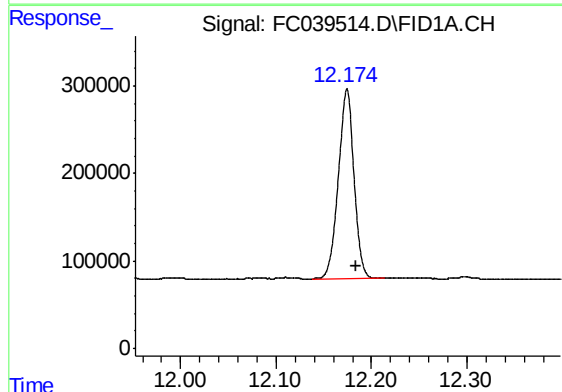
#9 ortho-Terphenyl (SURR)

R.T.: 11.166 min
Delta R.T.: -0.012 min
Response: 3215297
Conc: 19.12 ug/ml

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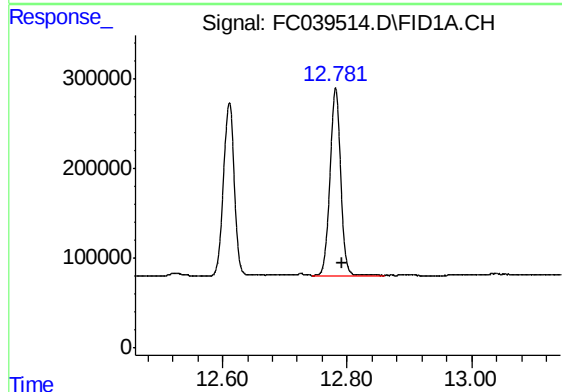
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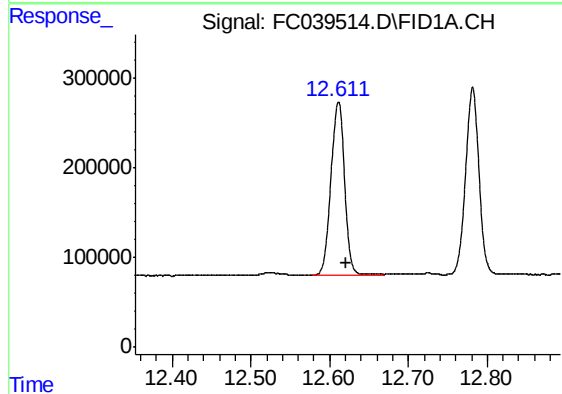
#10 n-Eicosane (C20)

R.T.: 12.174 min
Delta R.T.: -0.010 min
Response: 2486097
Conc: 19.07 ug/ml



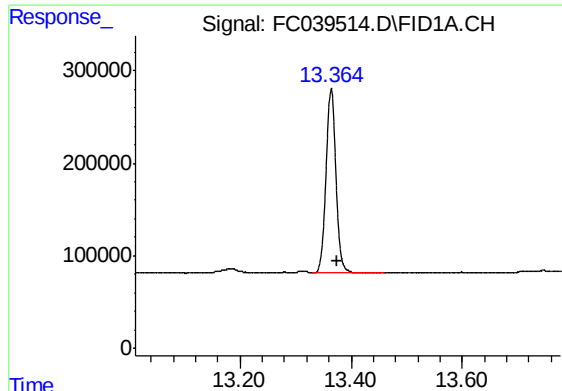
#11 n-Heneicosane (C21)

R.T.: 12.782 min
Delta R.T.: -0.010 min
Response: 2487277
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.611 min
Delta R.T.: -0.010 min
Response: 2344450
Conc: 18.59 ug/ml



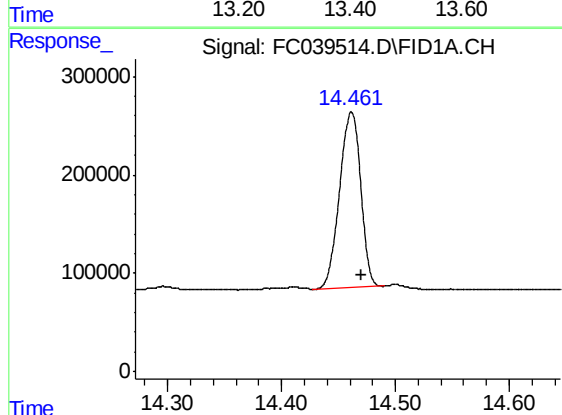
#13 n-Docosane (C22)

R.T.: 13.364 min
Delta R.T.: -0.010 min
Response: 2471587
Conc: 19.62 ug/ml

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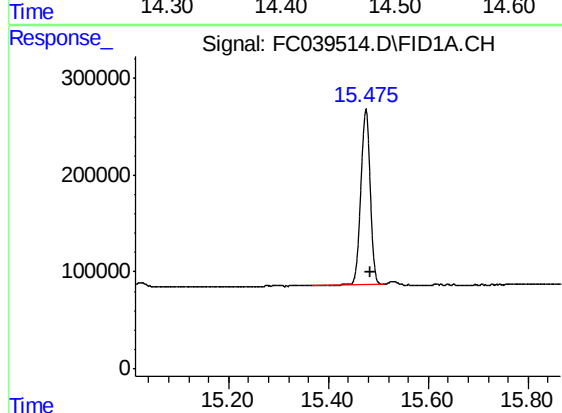
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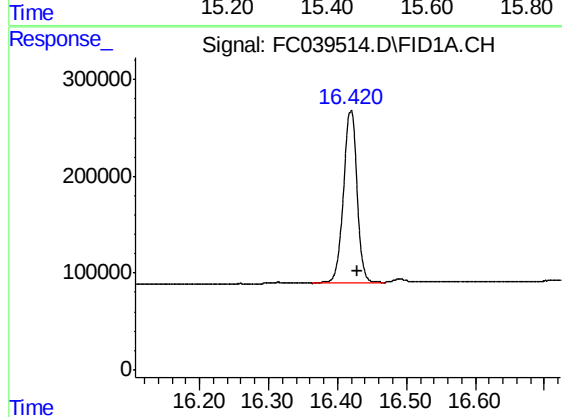
#14 n-Tetracosane (C24)

R.T.: 14.461 min
Delta R.T.: -0.009 min
Response: 2315921
Conc: 18.53 ug/ml



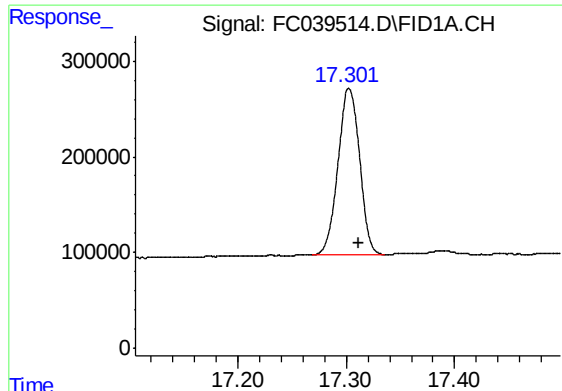
#15 n-Hexacosane (C26)

R.T.: 15.475 min
Delta R.T.: -0.010 min
Response: 2361747
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.420 min
Delta R.T.: -0.009 min
Response: 2448654
Conc: 18.32 ug/ml m



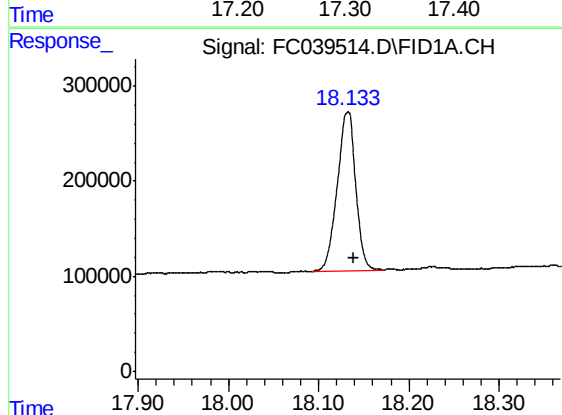
#17 n-Tricontane (C30)

R.T.: 17.301 min
Delta R.T.: -0.010 min
Response: 2417467
Conc: 16.47 ug/ml m

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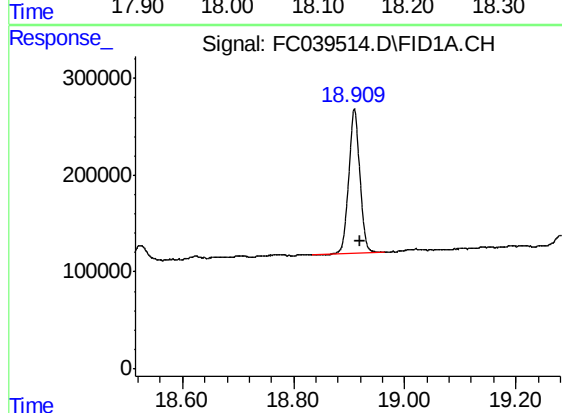
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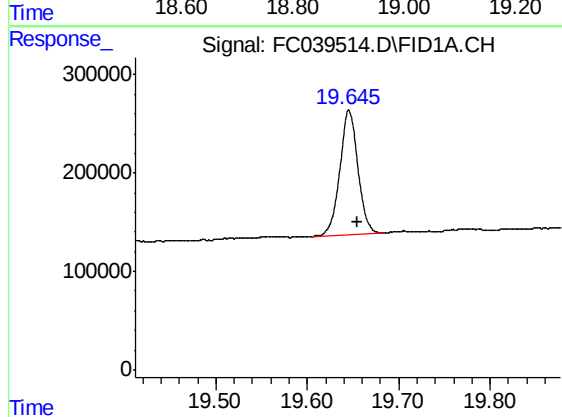
#18 n-Dotriacontane (C32)

R.T.: 18.133 min
Delta R.T.: -0.006 min
Response: 2376803
Conc: 17.69 ug/ml m



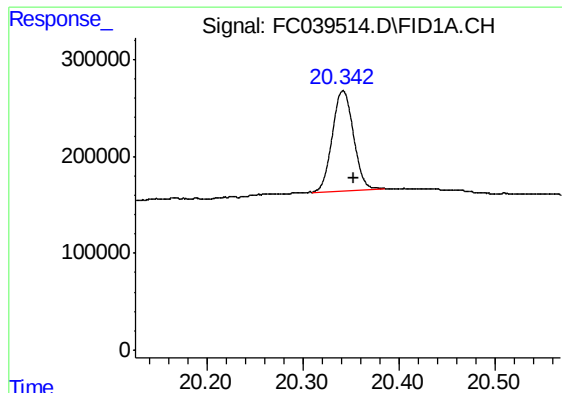
#19 n-Tetratriacontane (C34)

R.T.: 18.910 min
Delta R.T.: -0.009 min
Response: 2071399
Conc: 18.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.645 min
Delta R.T.: -0.010 min
Response: 1739526
Conc: 18.04 ug/ml m



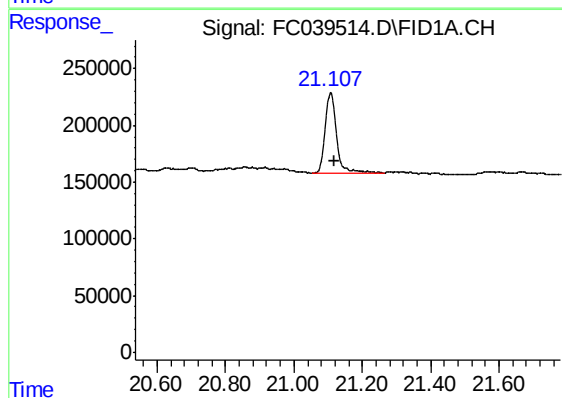
#21 n-Octatriacontane (C38)

R.T.: 20.342 min
Delta R.T.: -0.012 min
Response: 1577296
Conc: 17.18 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.107 min
Delta R.T.: -0.013 min
Response: 1703502
Conc: 18.77 ug/ml m