

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122118AL\
 Data File : FC038349.D
 Signal(s) : FID1A.CH
 Acq On : 21 Dec 2018 10:05
 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
 12/26/2018 1:29:40 PM

Integration File: sample.E
 Quant Time: Dec 21 23:56:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 2018
 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)	11.276	2368655	18.169 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
12) S 1-chlorooctadecane (S...	12.720	1780325	17.658 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T n-Nonane (C9)	3.116	1855141	17.838 ug/ml
2) T n-Decane (C10)	4.171	1892958	18.074 ug/ml
3) T A~Naphthalene (C11.7)	5.731	2222429	18.919 ug/ml
4) T n-Dodecane (C12)	6.175	1955385	18.112 ug/ml
5) T A~2-methylnaphthalene...	6.779	2212423	18.829 ug/ml
6) T n-Tetradecane (C14)	7.957	2014617	18.037 ug/ml
7) T n-Hexadecane (C16)	9.546	2063255	17.885 ug/ml
8) T n-Octadecane (C18)	10.979	2079466	17.203 ug/ml
10) T n-Eicosane (C20)	12.282	2097098	17.460 ug/ml
11) T n-Heneicosane (C21)	12.891	2085923	17.976 ug/ml
13) T n-Docosane (C22)	13.473	2085833	18.048 ug/ml
14) T n-Tetracosane (C24)	14.572	2085422	18.163 ug/ml
15) T n-Hexacosane (C26)	15.588	2064590	18.354 ug/ml
16) T n-Octacosane (C28)	16.534	2120169	18.863 ug/ml
17) T n-Tricontane (C30)	17.419	2166541	19.741 ug/mlm
18) T n-Dotriacontane (C32)	18.247	2082463	20.332 ug/mlm
19) T n-Tetratriacontane (C34)	19.027	1817240	20.621 ug/ml
20) T n-Hexatriacontane (C36)	19.764	1584384	20.224 ug/mlm
21) T n-Octatriacontane (C38)	20.464	1493915	19.306 ug/mlm
22) T n-Tetracontane (C40)	21.267	1520759	17.403 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

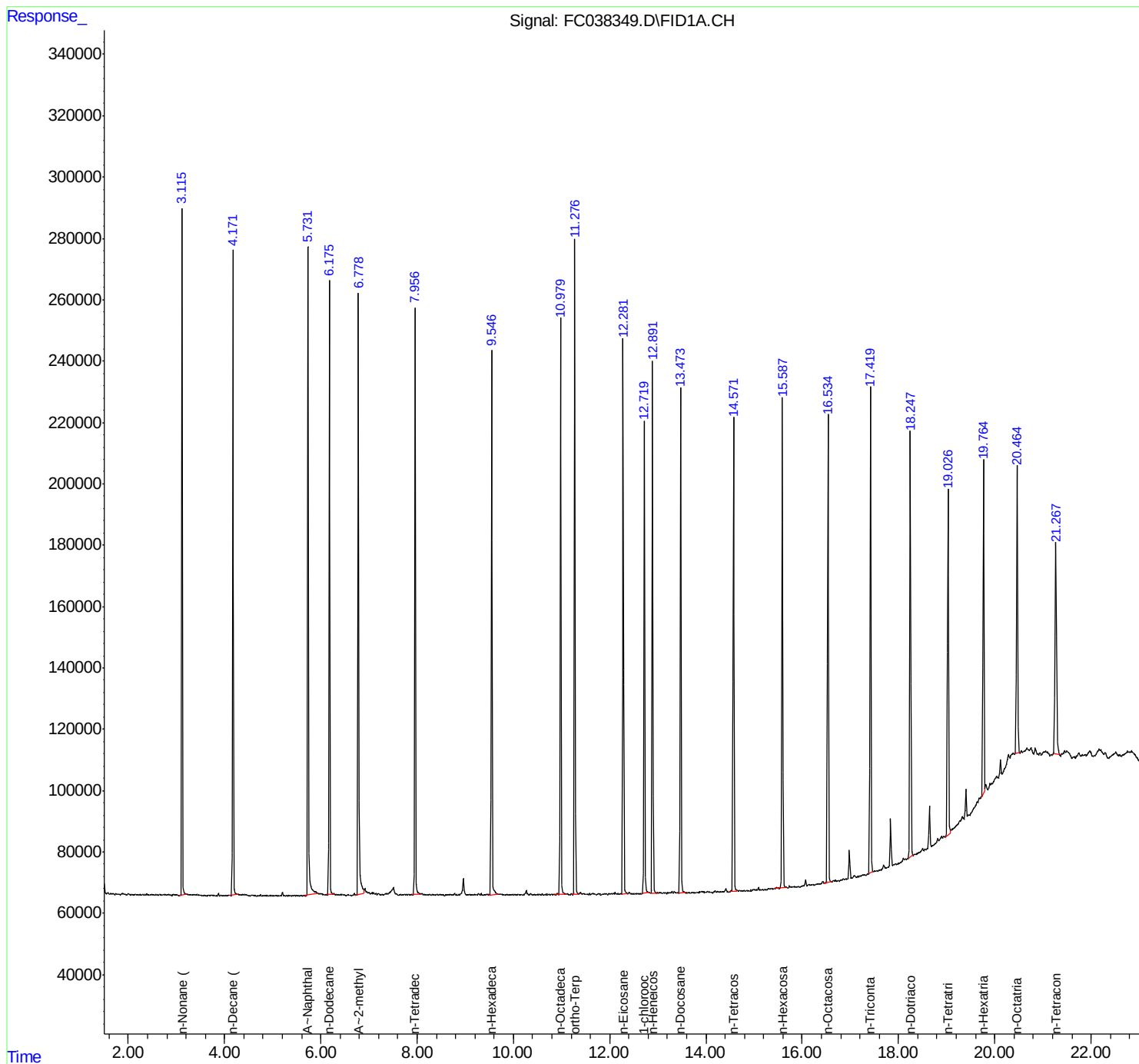
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

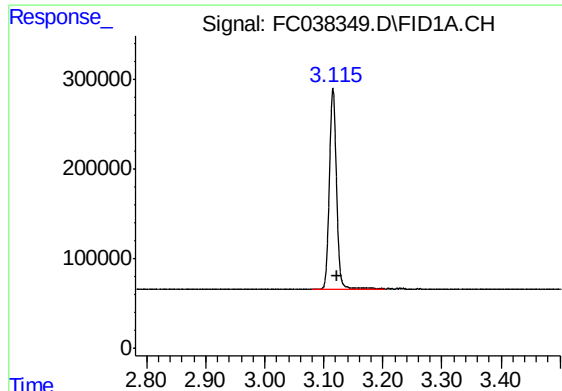
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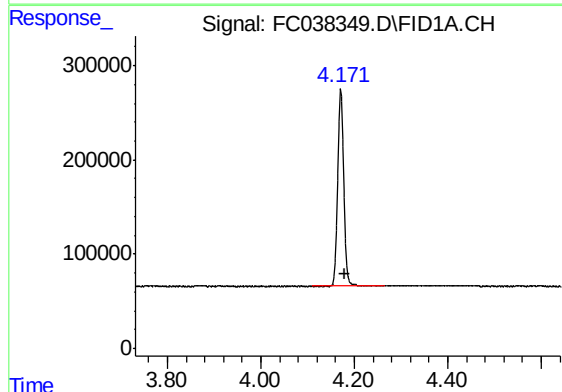
#1 n-Nonane (C9)

R.T.: 3.116 min
Delta R.T.: -0.007 min
Response: 1855141
Conc: 17.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

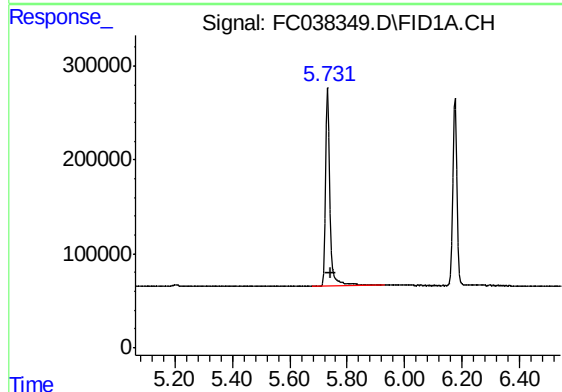
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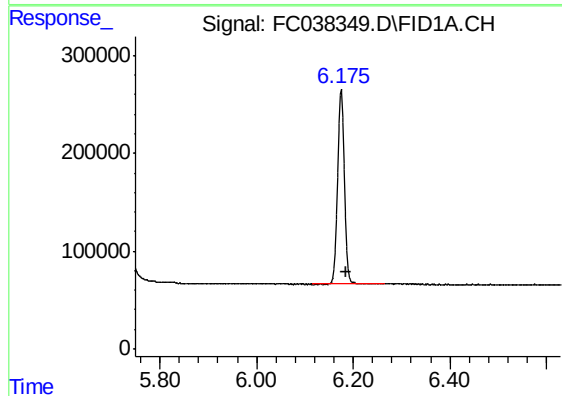
#2 n-Decane (C10)

R.T.: 4.171 min
Delta R.T.: -0.009 min
Response: 1892958
Conc: 18.07 ug/ml



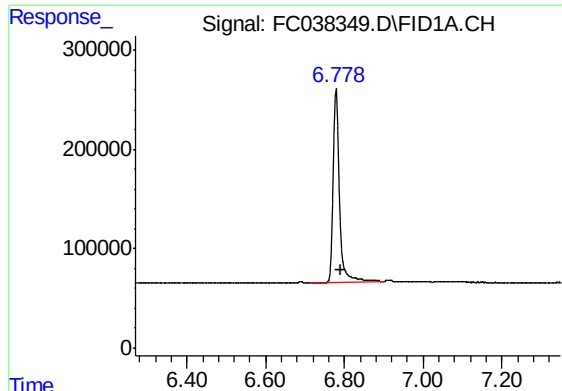
#3 A~Naphthalene (C11.7)

R.T.: 5.731 min
Delta R.T.: -0.011 min
Response: 2222429
Conc: 18.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.175 min
Delta R.T.: -0.009 min
Response: 1955385
Conc: 18.11 ug/ml



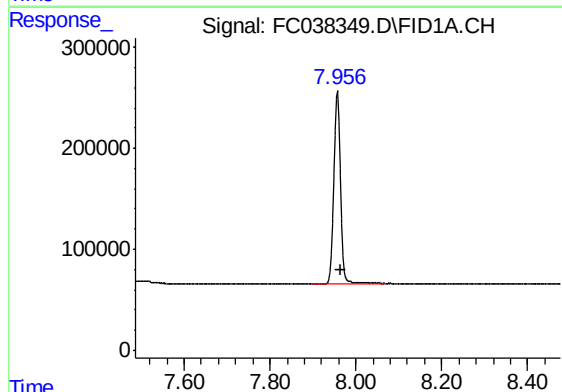
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: -0.011 min
Response: 2212423
Conc: 18.83 ug/ml

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20 PPM ALIPHATIC HC STD

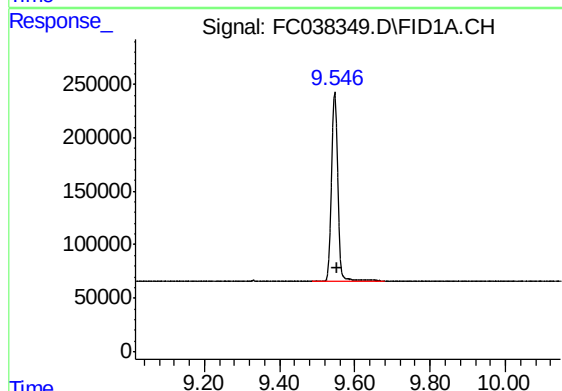
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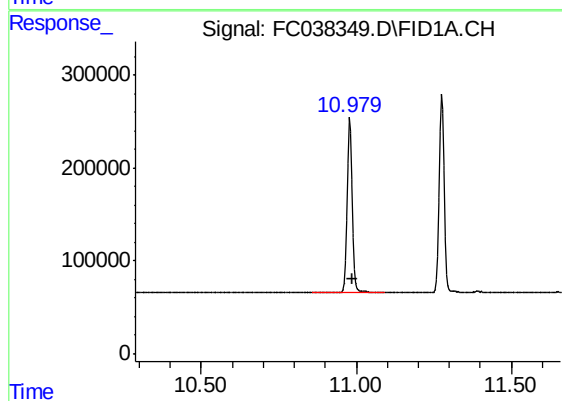
#6 n-Tetradecane (C14)

R.T.: 7.957 min
Delta R.T.: -0.008 min
Response: 2014617
Conc: 18.04 ug/ml



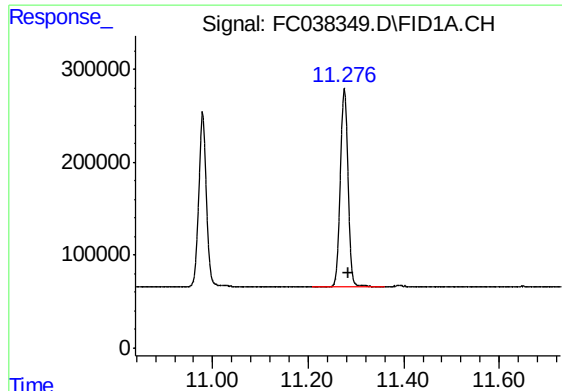
#7 n-Hexadecane (C16)

R.T.: 9.546 min
Delta R.T.: -0.008 min
Response: 2063255
Conc: 17.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.979 min
Delta R.T.: -0.008 min
Response: 2079466
Conc: 17.20 ug/ml



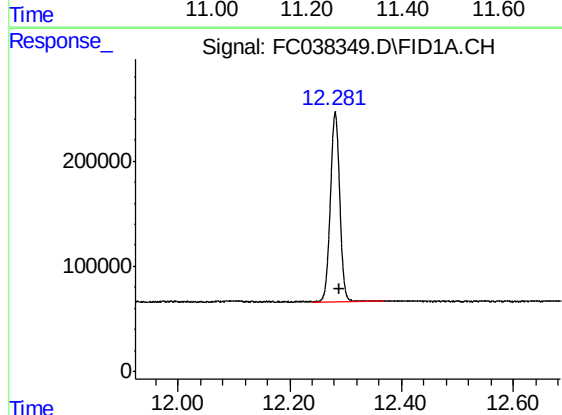
#9 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: -0.009 min
Response: 2368655
Conc: 18.17 ug/ml

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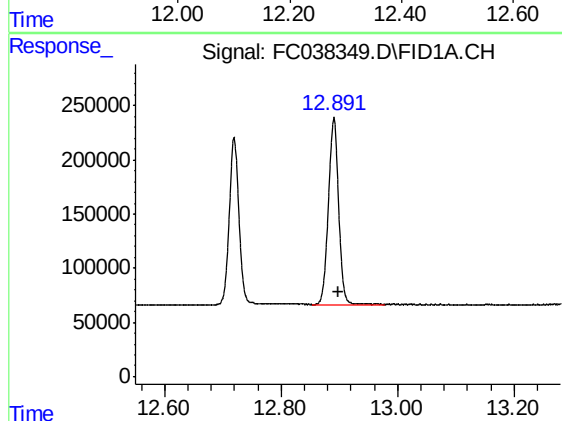
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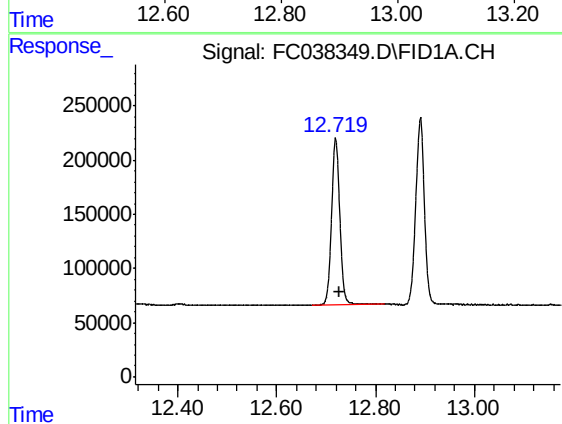
#10 n-Eicosane (C20)

R.T.: 12.282 min
Delta R.T.: -0.007 min
Response: 2097098
Conc: 17.46 ug/ml



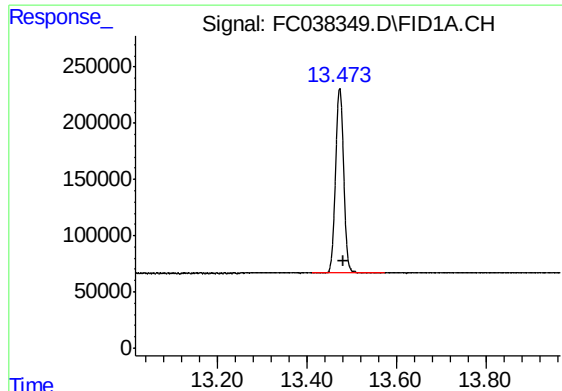
#11 n-Heneicosane (C21)

R.T.: 12.891 min
Delta R.T.: -0.007 min
Response: 2085923
Conc: 17.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.720 min
Delta R.T.: -0.009 min
Response: 1780325
Conc: 17.66 ug/ml



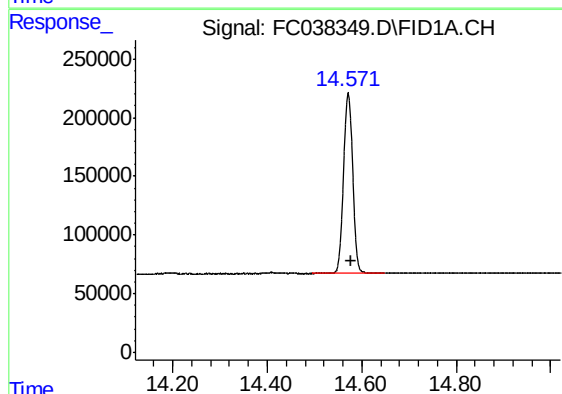
#13 n-Docosane (C22)

R.T.: 13.473 min
Delta R.T.: -0.008 min
Response: 2085833
Conc: 18.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

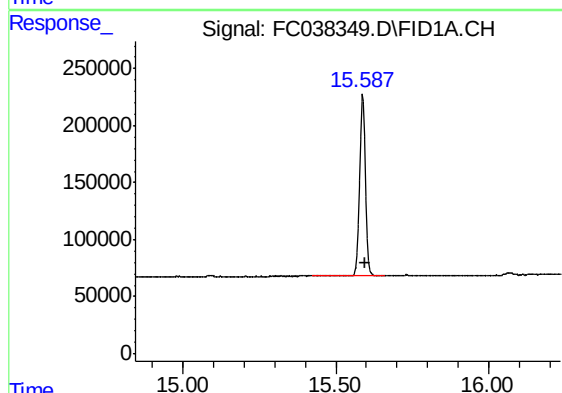
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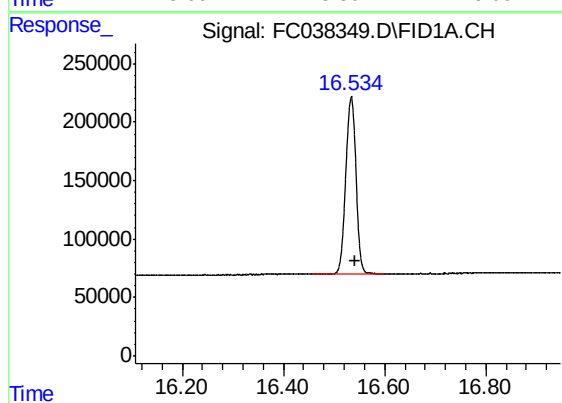
#14 n-Tetracosane (C24)

R.T.: 14.572 min
Delta R.T.: -0.007 min
Response: 2085422
Conc: 18.16 ug/ml



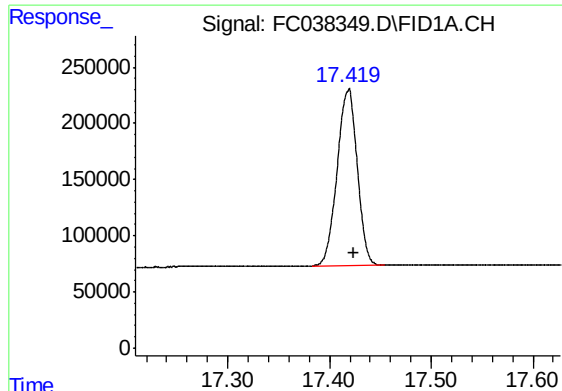
#15 n-Hexacosane (C26)

R.T.: 15.588 min
Delta R.T.: -0.006 min
Response: 2064590
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.534 min
Delta R.T.: -0.006 min
Response: 2120169
Conc: 18.86 ug/ml



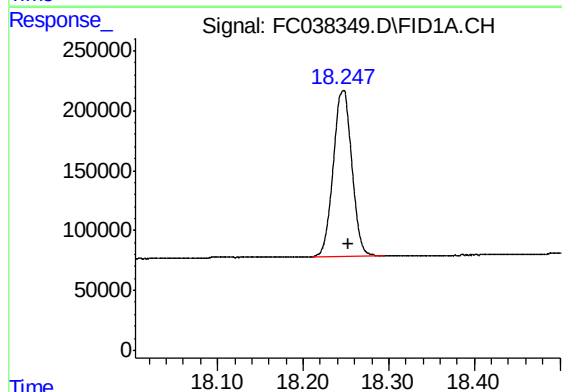
#17 n-Tricontane (C30)

R.T.: 17.419 min
Delta R.T.: -0.004 min
Response: 2166541
Conc: 19.74 ug/ml m

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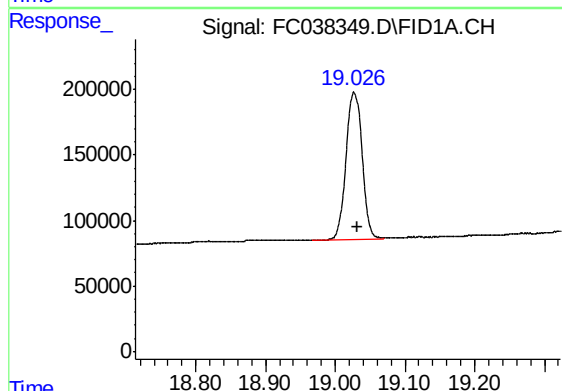
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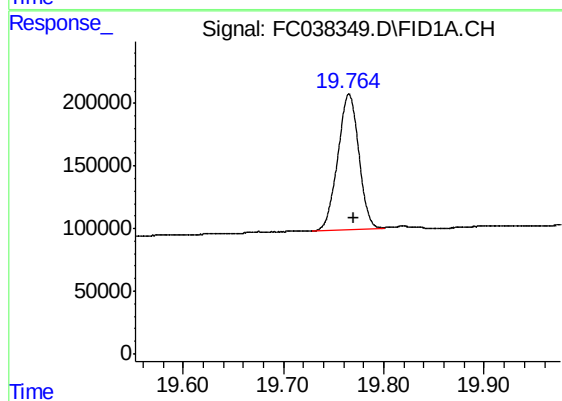
#18 n-Dotriacontane (C32)

R.T.: 18.247 min
Delta R.T.: -0.006 min
Response: 2082463
Conc: 20.33 ug/ml m



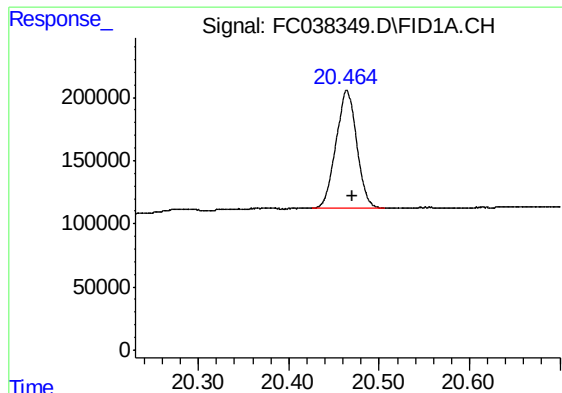
#19 n-Tetatriacontane (C34)

R.T.: 19.027 min
Delta R.T.: -0.005 min
Response: 1817240
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.764 min
Delta R.T.: -0.006 min
Response: 1584384
Conc: 20.22 ug/ml m



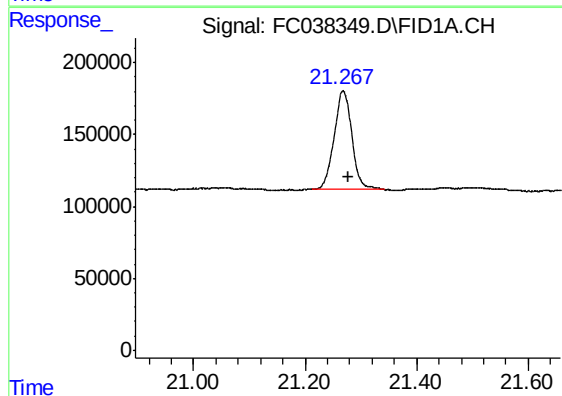
#21 n-Octatriacontane (C38)

R.T.: 20.464 min
Delta R.T.: -0.006 min
Response: 1493915
Conc: 19.31 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.267 min
Delta R.T.: -0.011 min
Response: 1520759
Conc: 17.40 ug/ml m