

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090420AL\
 Data File : FC049441.D
 Signal(s) : FID1A.CH
 Acq On : 04 Sep 2020 13:26
 Operator : DD\AJ
 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

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 9/8/2020 2:37:23 PM

Integration File: sample.E
 Quant Time: Sep 05 03:55:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.671	2492174	20.975 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
12) S 1-chlorooctadecane (S...	13.104	2017421	20.738 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	3.402	2172276	20.827 ug/ml
2) T n-Decane (C10)	4.478	2257166	21.520 ug/ml
3) T A~Naphthalene (C11.7)	6.077	2580489	21.819 ug/ml
4) T n-Dodecane (C12)	6.504	2335601	22.020 ug/ml
5) T A~2-methylnaphthalene...	7.136	2646437	21.949 ug/ml
6) T n-Tetradecane (C14)	8.302	2350060	22.316 ug/ml
7) T n-Hexadecane (C16)	9.905	2336383	22.259 ug/ml
8) T n-Octadecane (C18)	11.348	2421674	22.043 ug/ml
10) T n-Eicosane (C20)	12.659	2387121	21.451 ug/ml
11) T n-Heneicosane (C21)	13.271	2347858	21.018 ug/ml
13) T n-Docosane (C22)	13.857	2317745	20.620 ug/ml
14) T n-Tetracosane (C24)	14.959	2253361	19.821 ug/ml
15) T n-Hexacosane (C26)	15.979	2160670	18.884 ug/ml
16) T n-Octacosane (C28)	16.929	2145268	18.440 ug/ml
17) T n-Tricontane (C30)	17.815	2136981	18.486 ug/ml
18) T n-Dotriacontane (C32)	18.644	2009683	18.587 ug/mlm
19) T n-Tetratriacontane (C34)	19.427	1894826	18.269 ug/mlm
20) T n-Hexatriacontane (C36)	20.167	1813741	18.242 ug/mlm
21) T n-Octatriacontane (C38)	20.920	1763366	18.648 ug/mlm
22) T n-Tetracontane (C40)	21.868	1736859	18.194 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

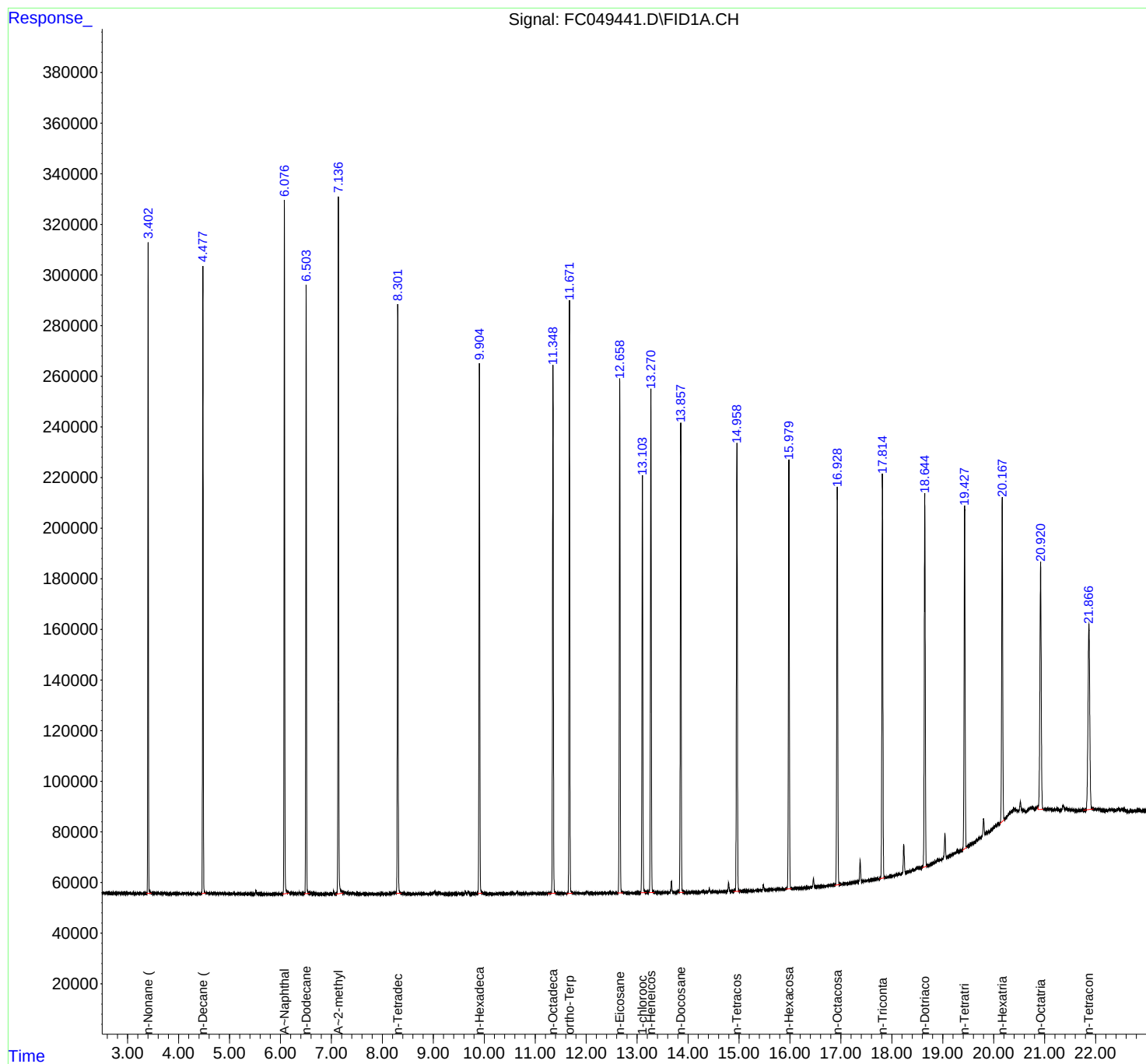
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

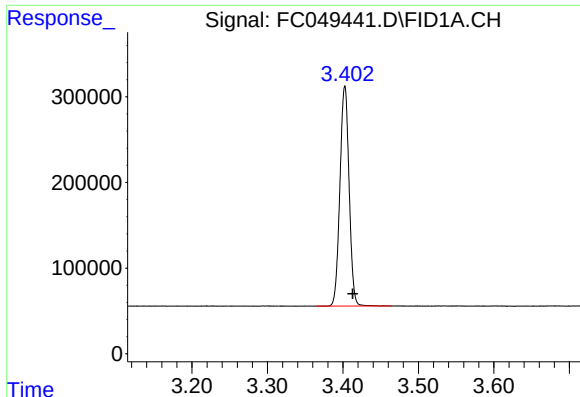
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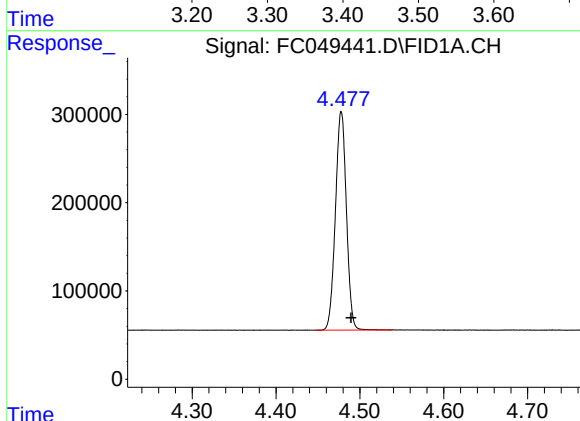
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: -0.011 min
Response: 2172276
Conc: 20.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

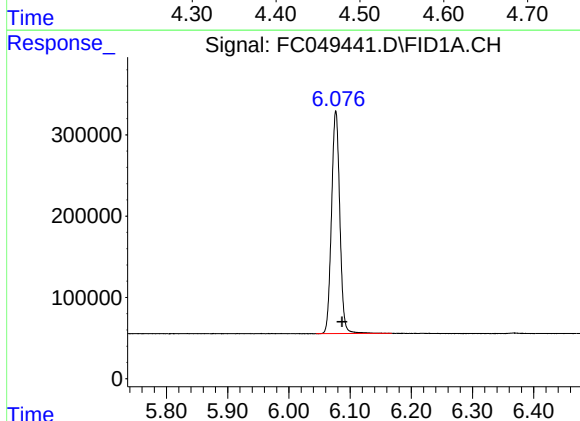
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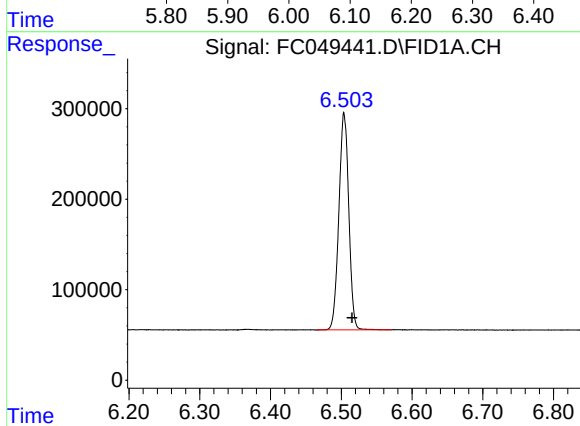
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.012 min
Response: 2257166
Conc: 21.52 ug/ml



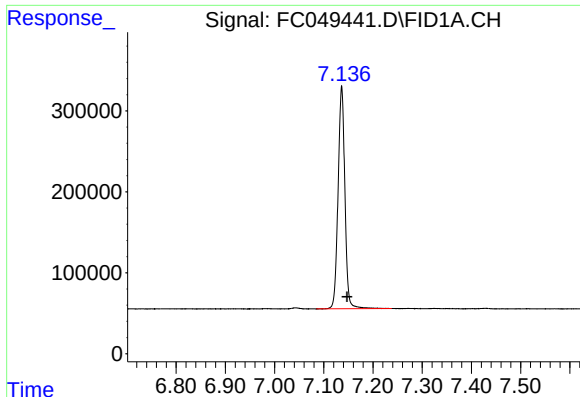
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.010 min
Response: 2580489
Conc: 21.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.011 min
Response: 2335601
Conc: 22.02 ug/ml



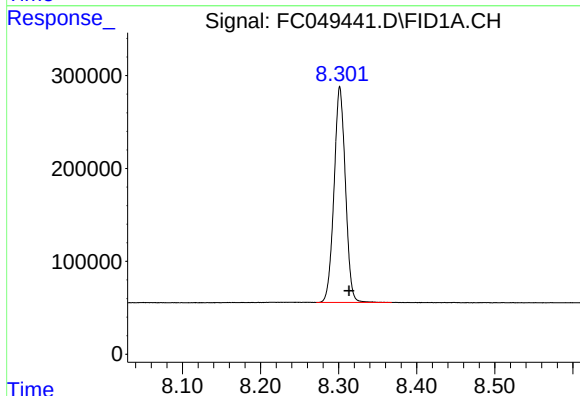
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.011 min
Response: 2646437
Conc: 21.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

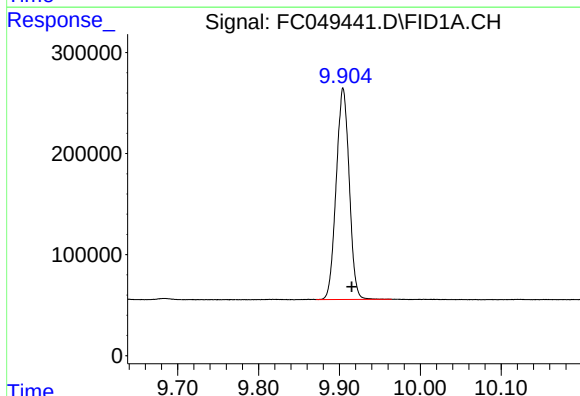
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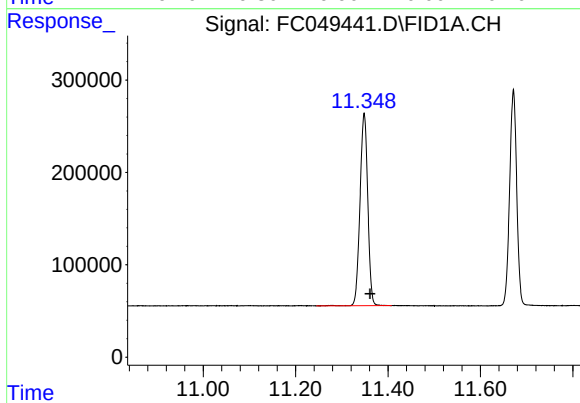
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.012 min
Response: 2350060
Conc: 22.32 ug/ml



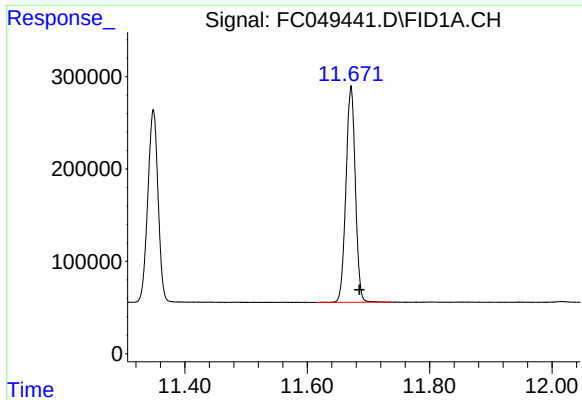
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: -0.011 min
Response: 2336383
Conc: 22.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.013 min
Response: 2421674
Conc: 22.04 ug/ml



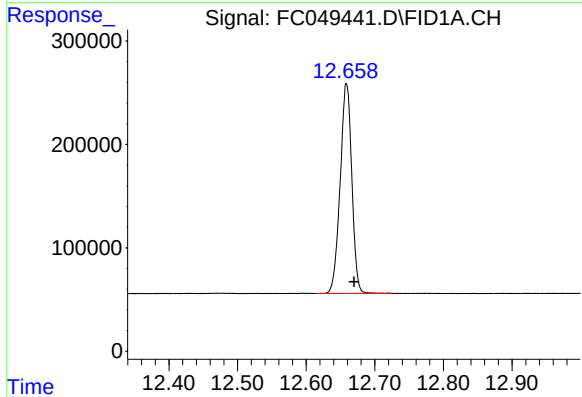
#9 ortho-Terphenyl (SURR)

R.T.: 11.671 min
Delta R.T.: -0.014 min
Response: 2492174
Conc: 20.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

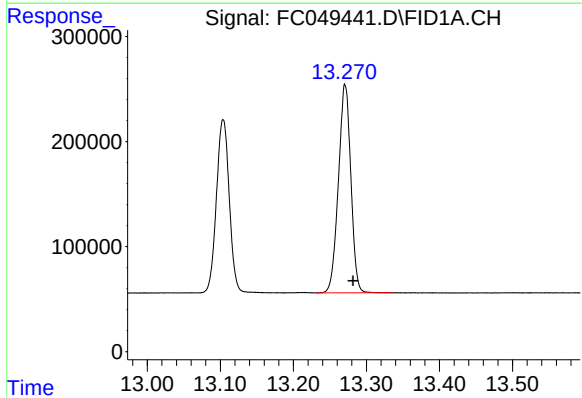
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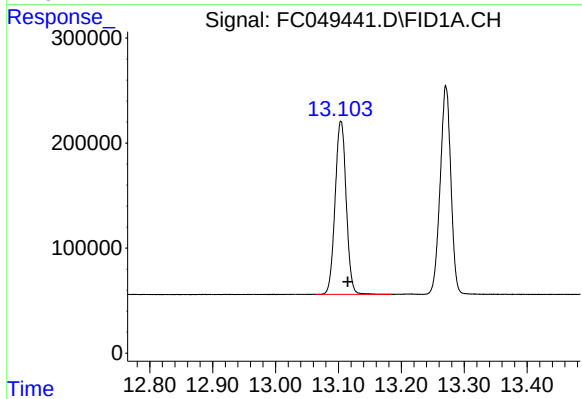
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: -0.011 min
Response: 2387121
Conc: 21.45 ug/ml



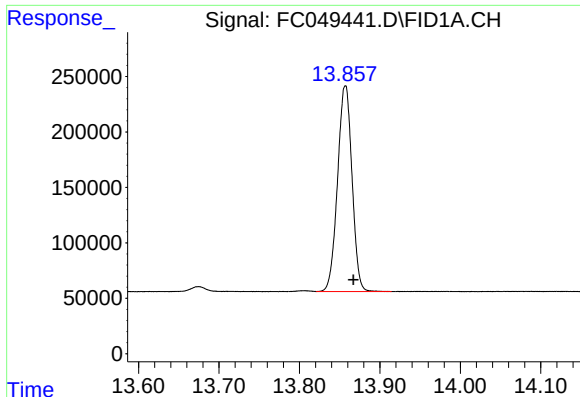
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: -0.011 min
Response: 2347858
Conc: 21.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: -0.011 min
Response: 2017421
Conc: 20.74 ug/ml



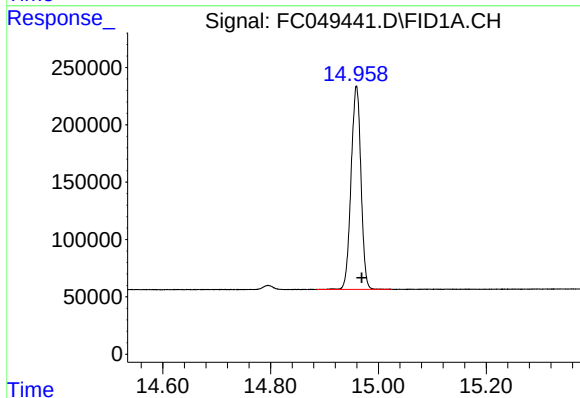
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: -0.010 min
Response: 2317745
Conc: 20.62 ug/ml

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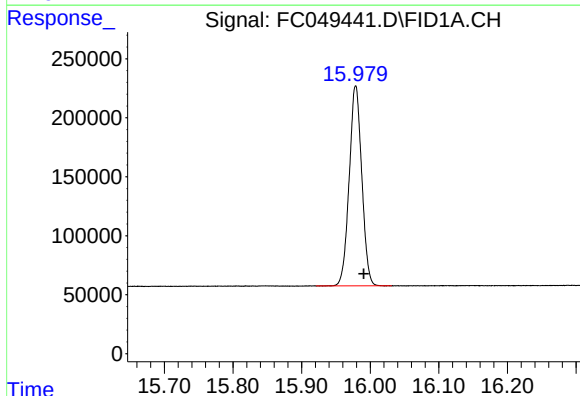
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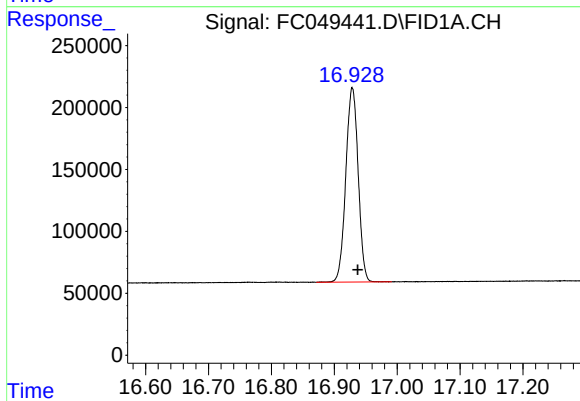
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: -0.010 min
Response: 2253361
Conc: 19.82 ug/ml



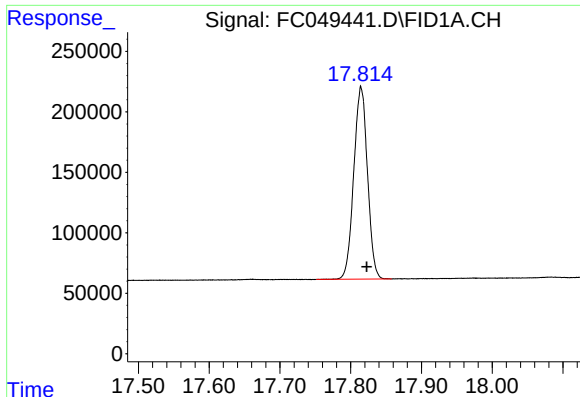
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.012 min
Response: 2160670
Conc: 18.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.009 min
Response: 2145268
Conc: 18.44 ug/ml



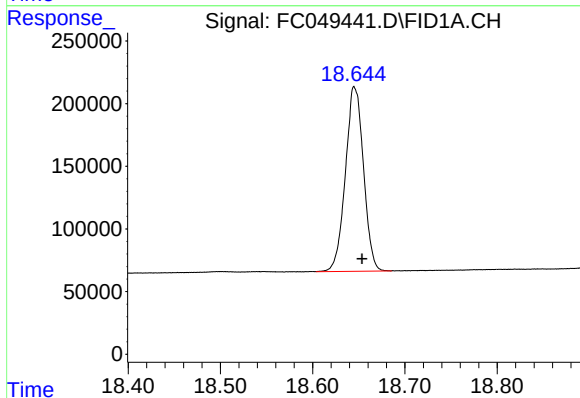
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: -0.008 min
Response: 2136981
Conc: 18.49 ug/ml

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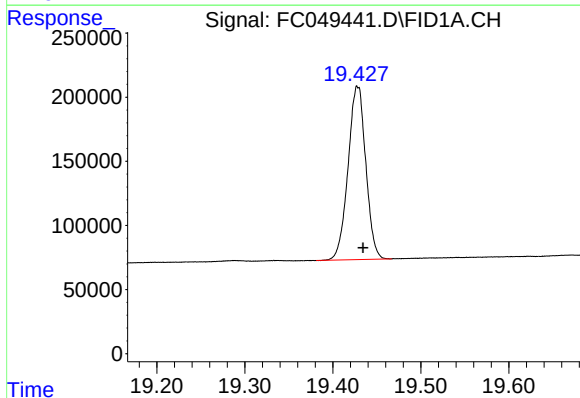
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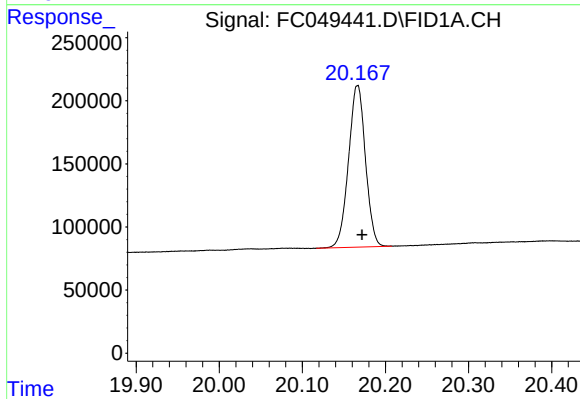
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.009 min
Response: 2009683
Conc: 18.59 ug/ml m



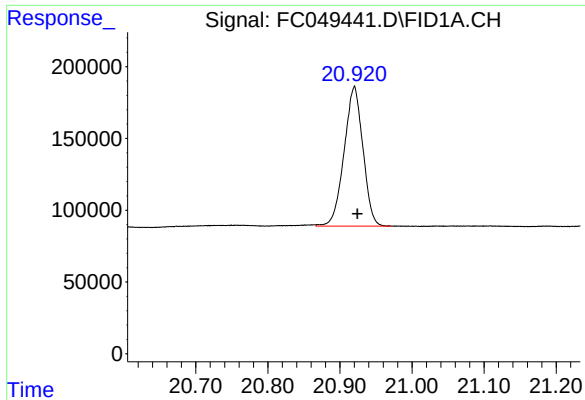
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.007 min
Response: 1894826
Conc: 18.27 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: -0.005 min
Response: 1813741
Conc: 18.24 ug/ml m



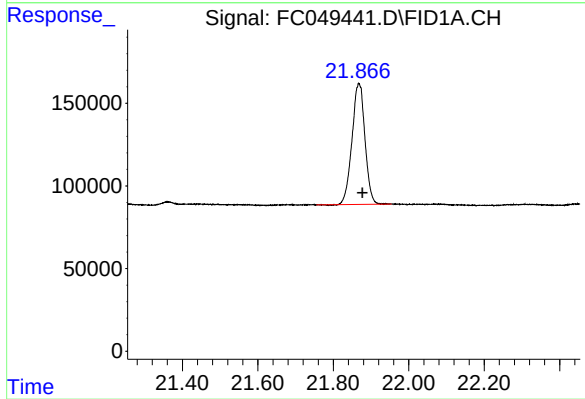
#21 n-Octatriacontane (C38)

R.T.: 20.920 min
Delta R.T.: -0.004 min
Response: 1763366
Conc: 18.65 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: -0.009 min
Response: 1736859
Conc: 18.19 ug/ml