

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060520AL\
 Data File : FC047747.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jun 2020 9:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 6/8/2020 5:02:40 PM

Integration File: autoint1.e
 Quant Time: Jun 06 02:28:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.737	2171854	18.168 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
12) S 1-chlorooctadecane (S...	13.150	1737088	17.711 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T n-Nonane (C9)	3.544	2115940	20.872 ug/ml
2) T n-Decane (C10)	4.607	2137294	20.915 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2098128	20.149 ug/ml
4) T n-Dodecane (C12)	6.608	2174913	20.591 ug/ml
5) T A~2-methylnaphthalene...	7.254	2083428	19.840 ug/ml
6) T n-Tetradecane (C14)	8.386	2133656	20.172 ug/ml
7) T n-Hexadecane (C16)	9.972	2062844	19.496 ug/ml
8) T n-Octadecane (C18)	11.404	2112219	18.863 ug/ml
10) T n-Eicosane (C20)	12.704	2068435	18.178 ug/ml
11) T n-Heneicosane (C21)	13.312	2034560	17.896 ug/ml
13) T n-Docosane (C22)	13.894	1999999	17.600 ug/ml
14) T n-Tetracosane (C24)	14.991	1944636	17.187 ug/ml
15) T n-Hexacosane (C26)	16.005	1893474	16.905 ug/ml
16) T n-Octacosane (C28)	16.949	1889580	16.941 ug/ml
17) T n-Tricontane (C30)	17.831	1890868	17.488 ug/ml
18) T n-Dotriacontane (C32)	18.658	1771305	17.962 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1674935	18.261 ug/ml
20) T n-Hexatriacontane (C36)	20.171	1618232	18.660 ug/mlm
21) T n-Octatriacontane (C38)	20.927	1545068	19.149 ug/ml
22) T n-Tetracontane (C40)	21.869	1698660	20.888 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 05 Jun 2020 9:17
Operator : DD\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

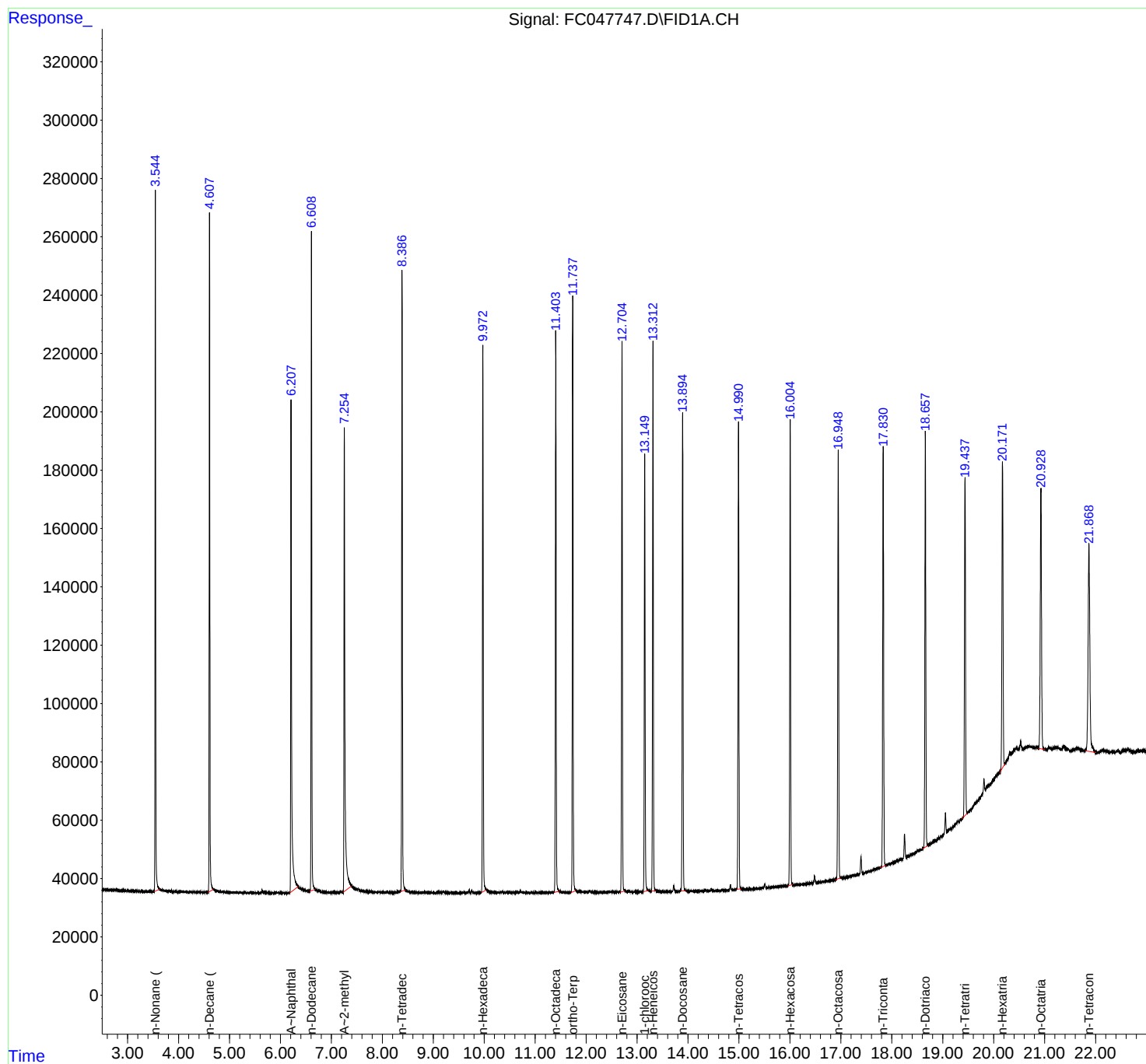
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FID_C
ClientSampled :

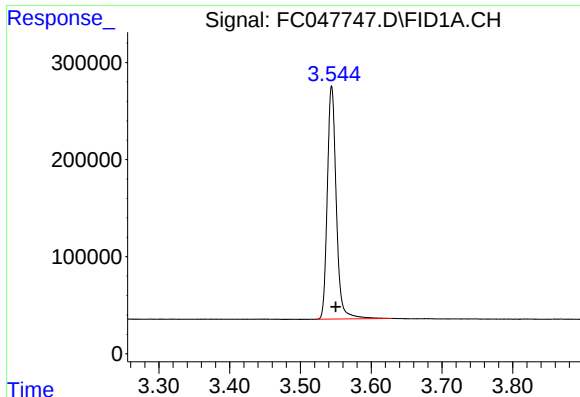
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050820.M
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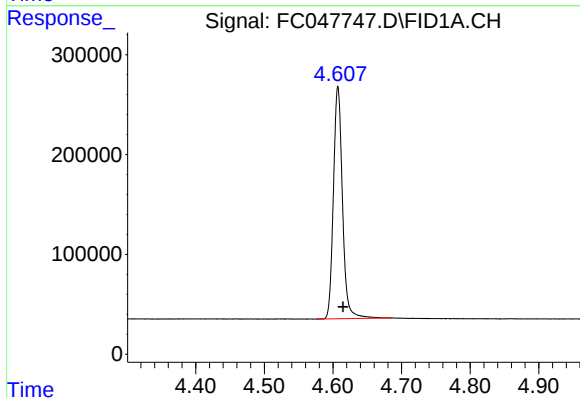
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: -0.006 min
Response: 2115940
Conc: 20.87 ug/ml

Instrument :
FID_C
ClientSampleId :

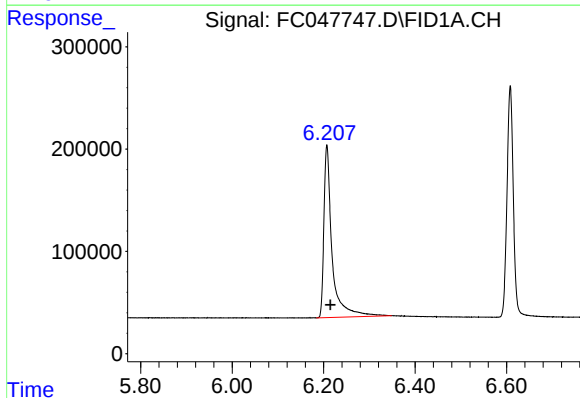
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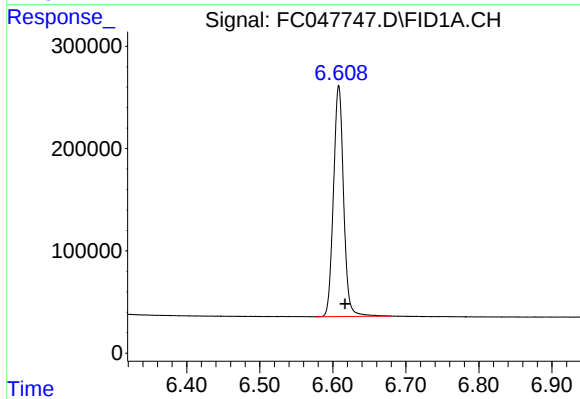
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.008 min
Response: 2137294
Conc: 20.92 ug/ml



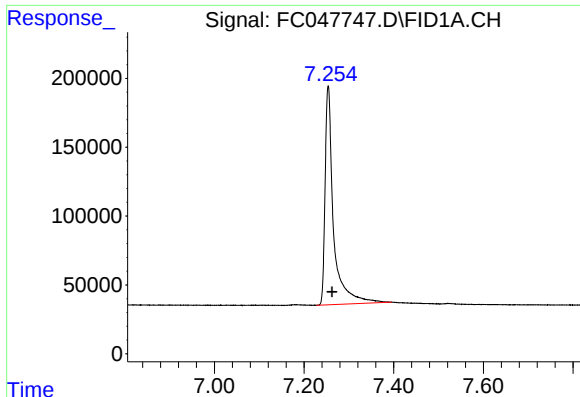
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.007 min
Response: 2098128
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.608 min
Delta R.T.: -0.009 min
Response: 2174913
Conc: 20.59 ug/ml



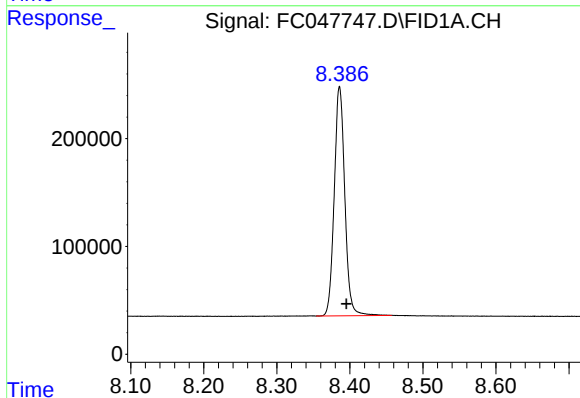
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.009 min
Response: 2083428
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :

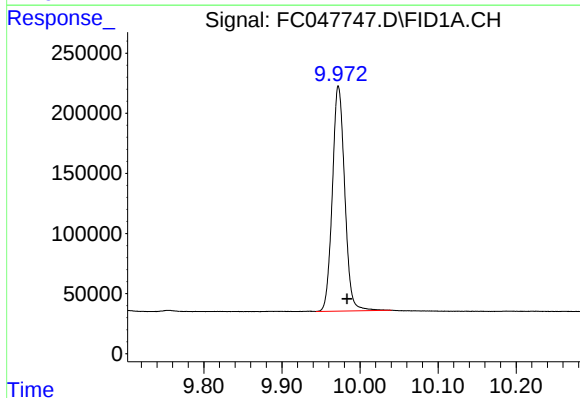
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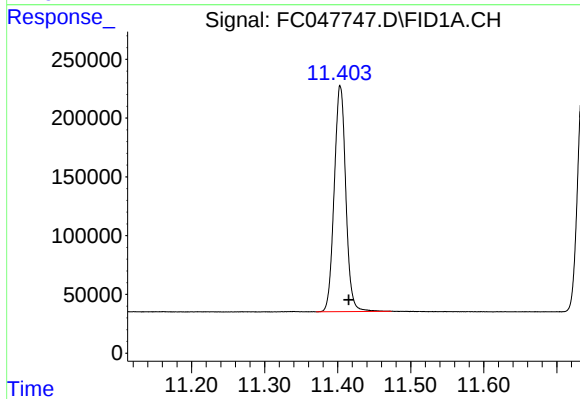
#6 n-Tetradecane (C14)

R.T.: 8.386 min
Delta R.T.: -0.009 min
Response: 2133656
Conc: 20.17 ug/ml



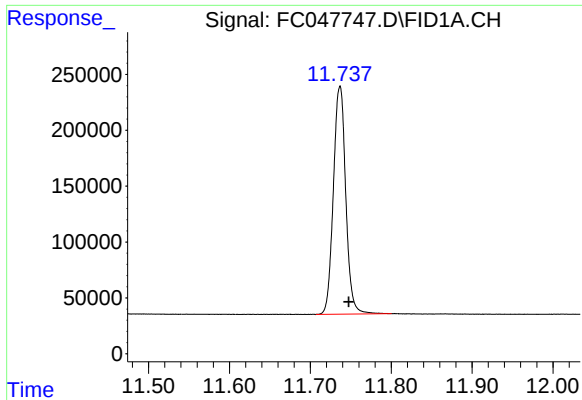
#7 n-Hexadecane (C16)

R.T.: 9.972 min
Delta R.T.: -0.011 min
Response: 2062844
Conc: 19.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.404 min
Delta R.T.: -0.011 min
Response: 2112219
Conc: 18.86 ug/ml



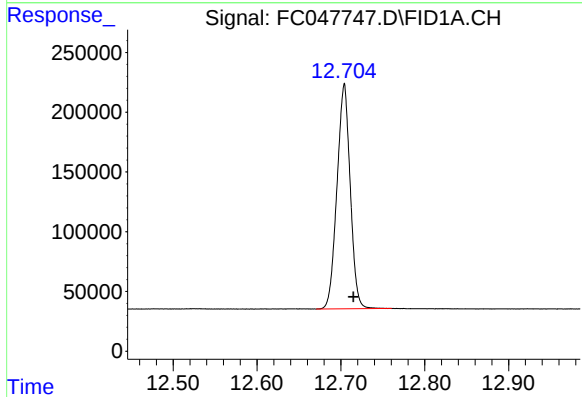
#9 ortho-Terphenyl (SURR)

R.T.: 11.737 min
Delta R.T.: -0.011 min
Response: 2171854
Conc: 18.17 ug/ml

Instrument :
FID_C
ClientSampleId :

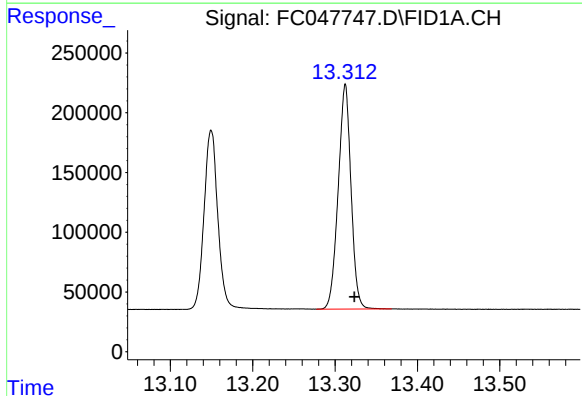
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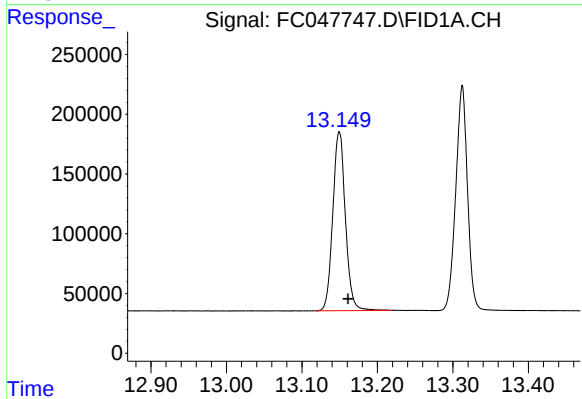
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.011 min
Response: 2068435
Conc: 18.18 ug/ml



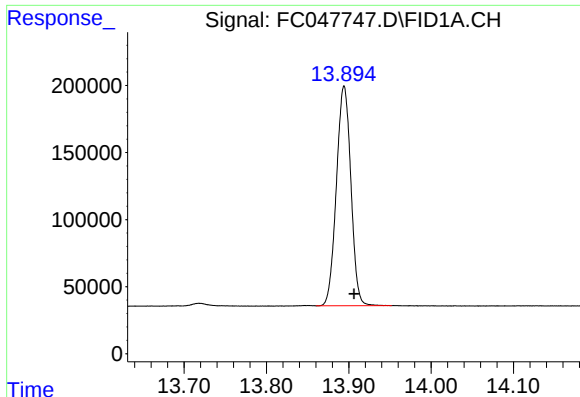
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: -0.011 min
Response: 2034560
Conc: 17.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: -0.011 min
Response: 1737088
Conc: 17.71 ug/ml



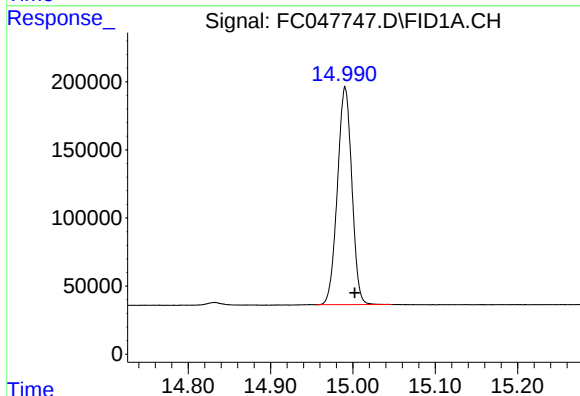
#13 n-Docosane (C22)

R.T.: 13.894 min
Delta R.T.: -0.012 min
Response: 1999999
Conc: 17.60 ug/ml

Instrument :
FID_C
ClientSampleId :

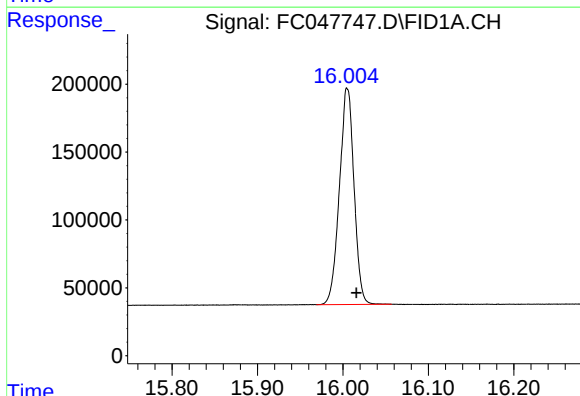
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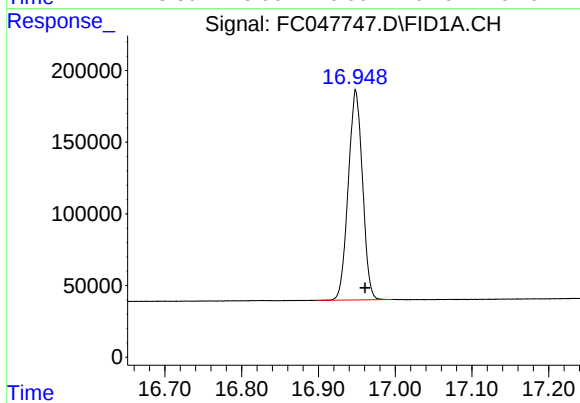
#14 n-Tetracosane (C24)

R.T.: 14.991 min
Delta R.T.: -0.012 min
Response: 1944636
Conc: 17.19 ug/ml



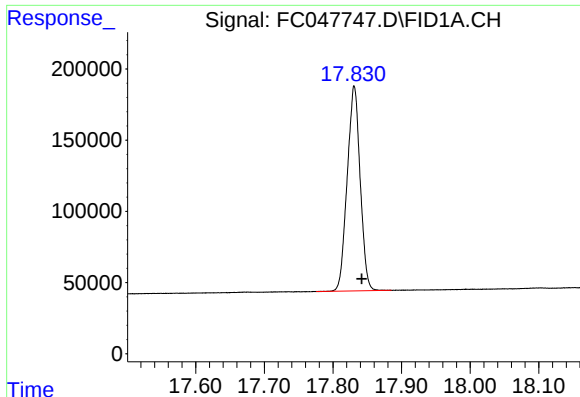
#15 n-Hexacosane (C26)

R.T.: 16.005 min
Delta R.T.: -0.011 min
Response: 1893474
Conc: 16.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.012 min
Response: 1889580
Conc: 16.94 ug/ml



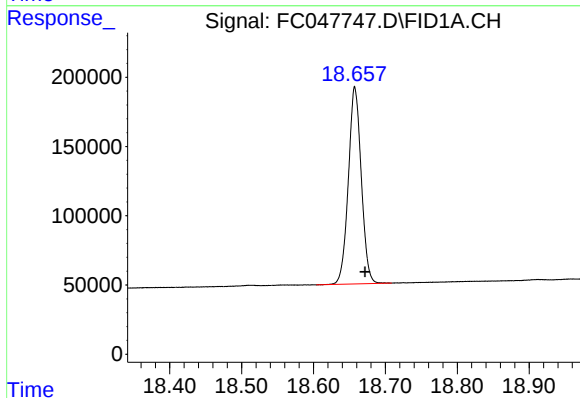
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: -0.011 min
Response: 1890868
Conc: 17.49 ug/ml

Instrument :
FID_C
ClientSampleId :

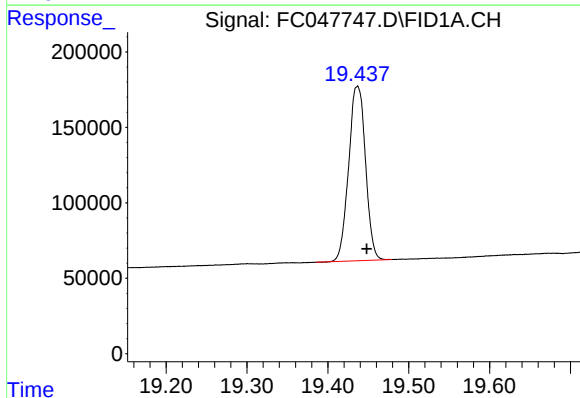
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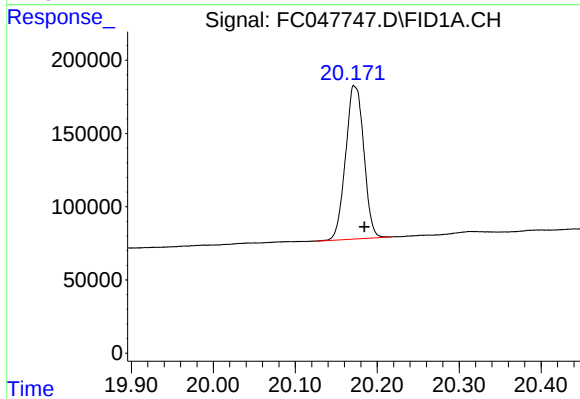
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: -0.014 min
Response: 1771305
Conc: 17.96 ug/ml



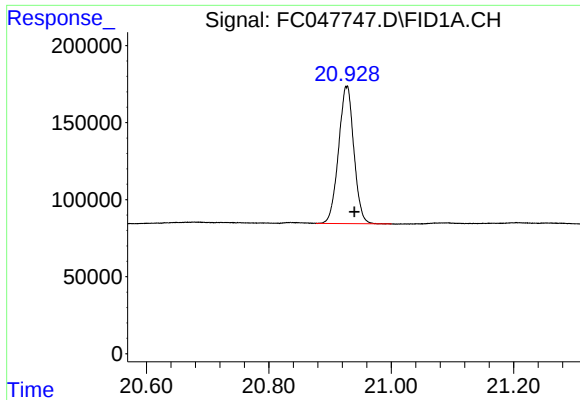
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: -0.012 min
Response: 1674935
Conc: 18.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.171 min
Delta R.T.: -0.013 min
Response: 1618232
Conc: 18.66 ug/ml m



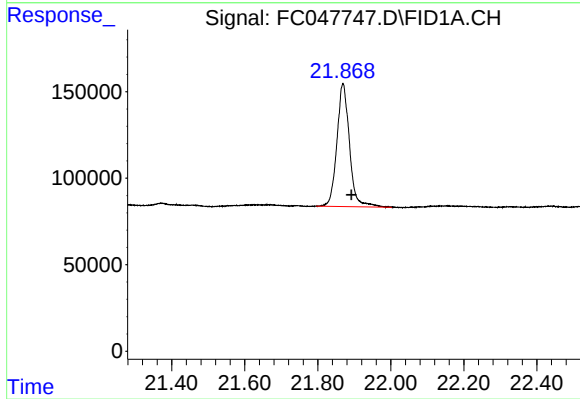
#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: -0.012 min
Response: 1545068
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: -0.023 min
Response: 1698660
Conc: 20.89 ug/ml