

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060520AL\
 Data File : FC047771.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jun 2020 6:23
 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 5:02:47 PM

Integration File: autoint1.e
 Quant Time: Jun 06 06:38:05 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)	11.736	2173016	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
12) S 1-chlorooctadecane (S...	13.150	1739939	17.740 ug/ml
Spiked Amount 50.000		Recovery =	35.48%
Target Compounds			
1) T n-Nonane (C9)	3.543	2140490	21.114 ug/ml
2) T n-Decane (C10)	4.607	2163741	21.174 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2109227	20.256 ug/ml
4) T n-Dodecane (C12)	6.608	2198248	20.812 ug/ml
5) T A~2-methylnaphthalene...	7.254	2108016	20.074 ug/ml
6) T n-Tetradecane (C14)	8.386	2148924	20.316 ug/ml
7) T n-Hexadecane (C16)	9.973	2075894	19.619 ug/ml
8) T n-Octadecane (C18)	11.403	2116883	18.905 ug/ml
10) T n-Eicosane (C20)	12.704	2068045	18.175 ug/ml
11) T n-Heneicosane (C21)	13.311	2038019	17.926 ug/ml
13) T n-Docosane (C22)	13.893	2010446	17.692 ug/ml
14) T n-Tetracosane (C24)	14.990	1954881	17.278 ug/ml
15) T n-Hexacosane (C26)	16.005	1916475	17.111 ug/ml
16) T n-Octacosane (C28)	16.949	1928770	17.293 ug/ml
17) T n-Tricontane (C30)	17.832	1946585	18.004 ug/ml
18) T n-Dotriacontane (C32)	18.659	1842171	18.681 ug/ml
19) T n-Tetratriacontane (C34)	19.438	1752398	19.105 ug/mlm
20) T n-Hexatriacontane (C36)	20.172	1665029	19.199 ug/mlm
21) T n-Octatriacontane (C38)	20.927	1612245	19.981 ug/mlm
22) T n-Tetracontane (C40)	21.873	1635443	20.111 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

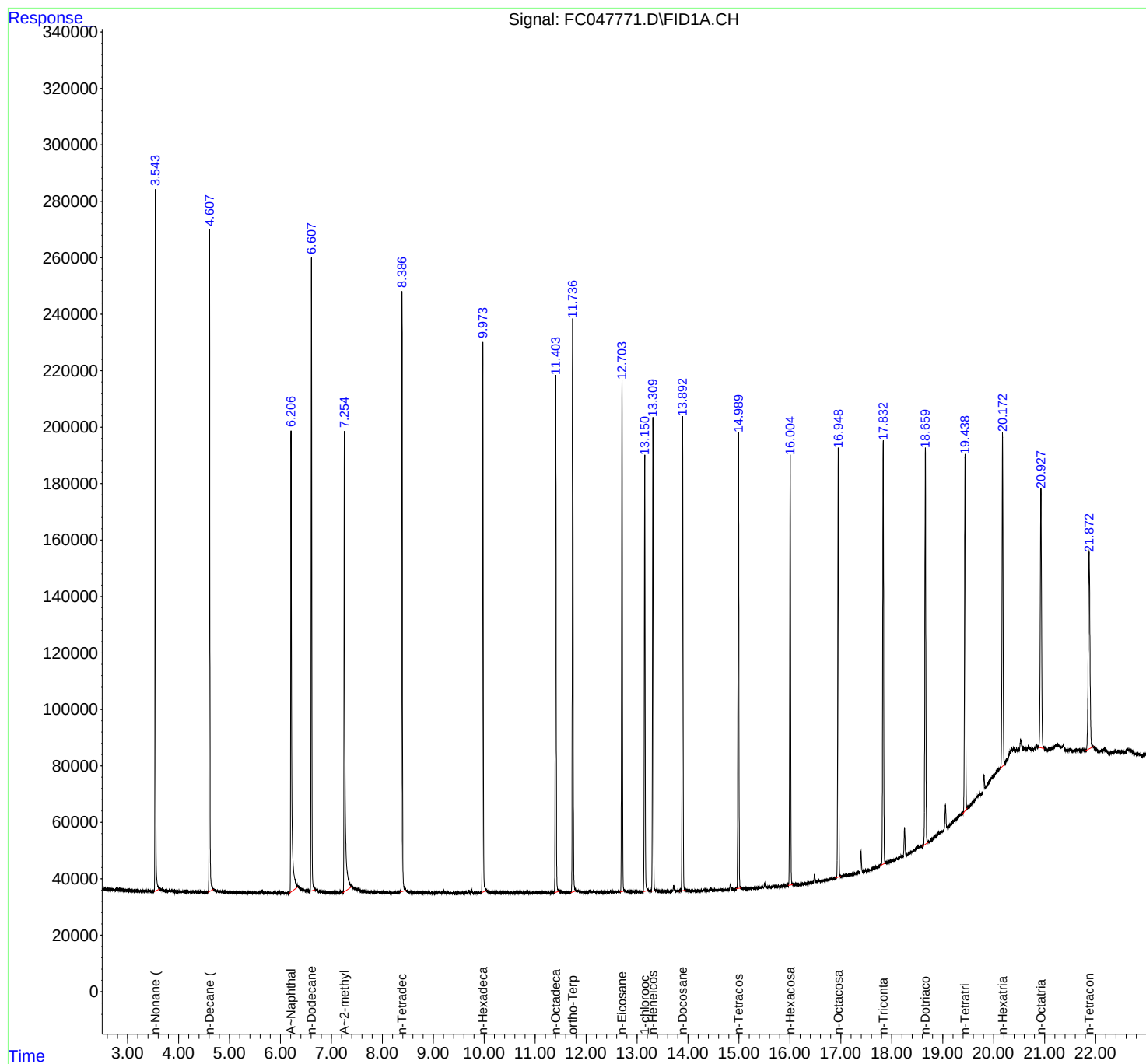
Instrument :
FID_C
ClientSampleId :

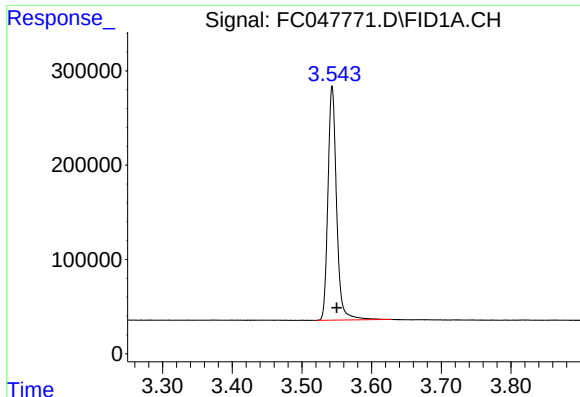
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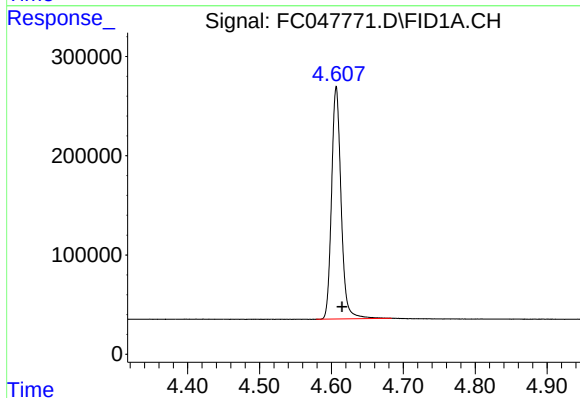
#1 n-Nonane (C9)

R.T.: 3.543 min
Delta R.T.: -0.007 min
Response: 2140490
Conc: 21.11 ug/ml

Instrument :
FID_C
ClientSampleId :

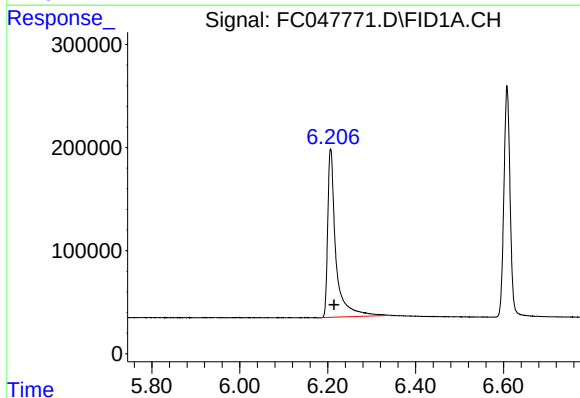
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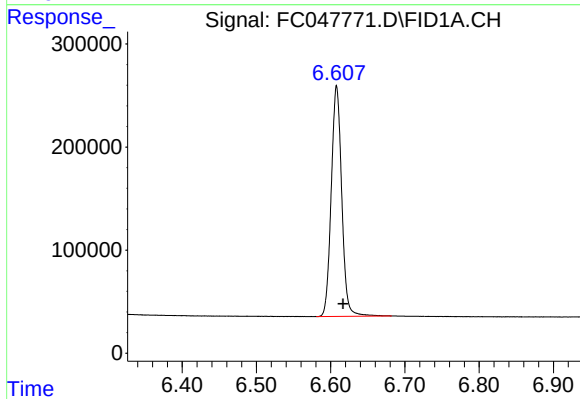
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.008 min
Response: 2163741
Conc: 21.17 ug/ml



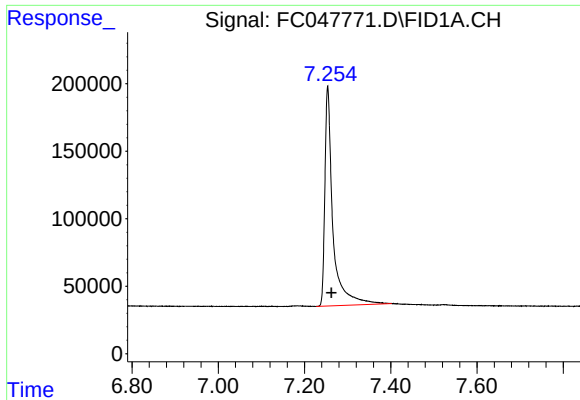
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.008 min
Response: 2109227
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.608 min
Delta R.T.: -0.009 min
Response: 2198248
Conc: 20.81 ug/ml



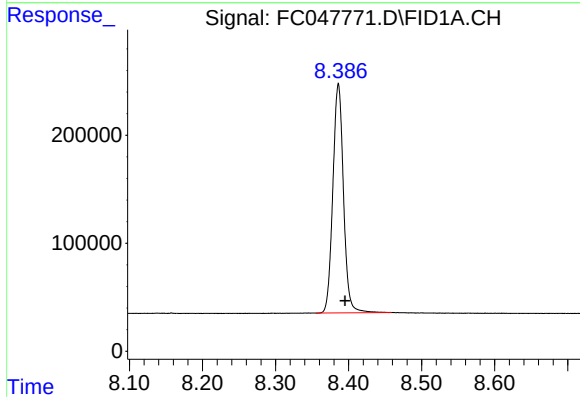
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.008 min
Response: 2108016
Conc: 20.07 ug/ml

Instrument :
FID_C
ClientSampleId :

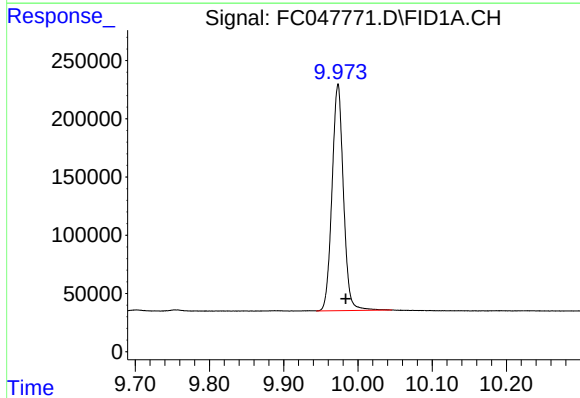
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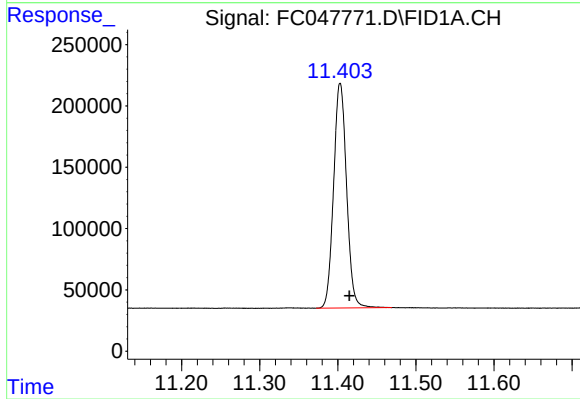
#6 n-Tetradecane (C14)

R.T.: 8.386 min
Delta R.T.: -0.009 min
Response: 2148924
Conc: 20.32 ug/ml



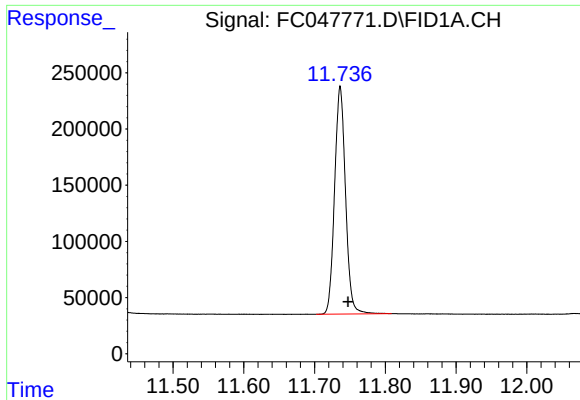
#7 n-Hexadecane (C16)

R.T.: 9.973 min
Delta R.T.: -0.010 min
Response: 2075894
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.403 min
Delta R.T.: -0.012 min
Response: 2116883
Conc: 18.90 ug/ml



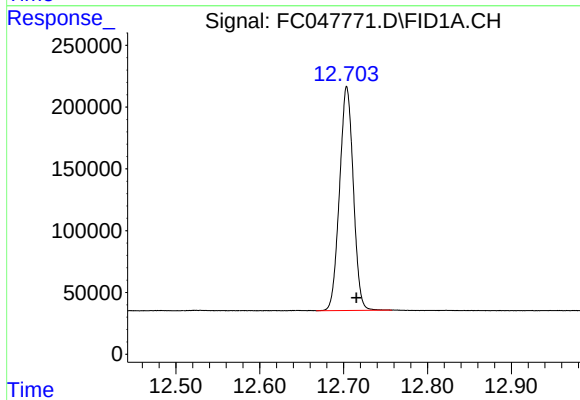
#9 ortho-Terphenyl (SURR)

R.T.: 11.736 min
Delta R.T.: -0.011 min
Response: 2173016
Conc: 18.18 ug/ml

Instrument :
FID_C
ClientSampleId :

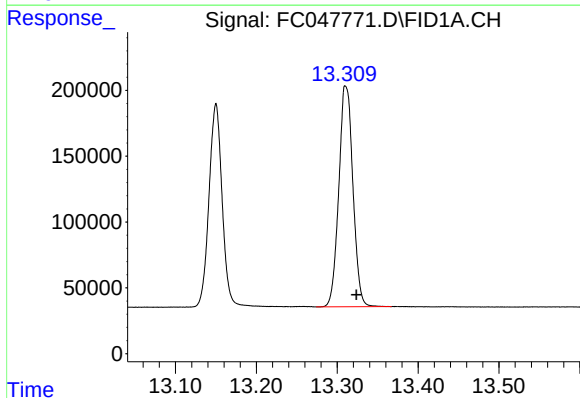
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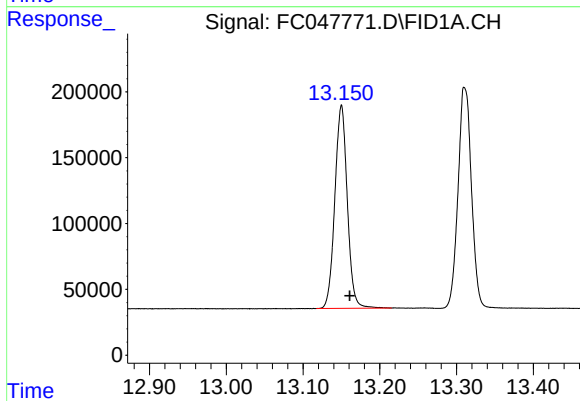
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.011 min
Response: 2068045
Conc: 18.17 ug/ml



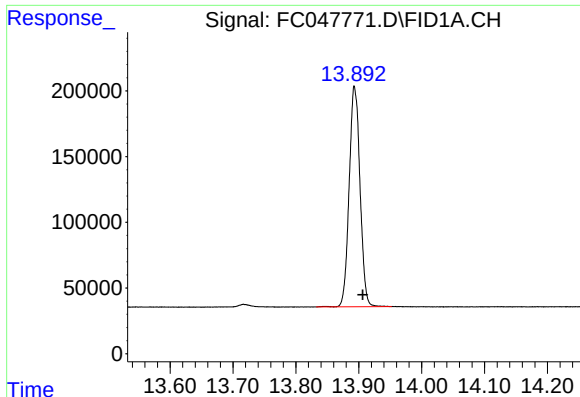
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: -0.013 min
Response: 2038019
Conc: 17.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: -0.011 min
Response: 1739939
Conc: 17.74 ug/ml



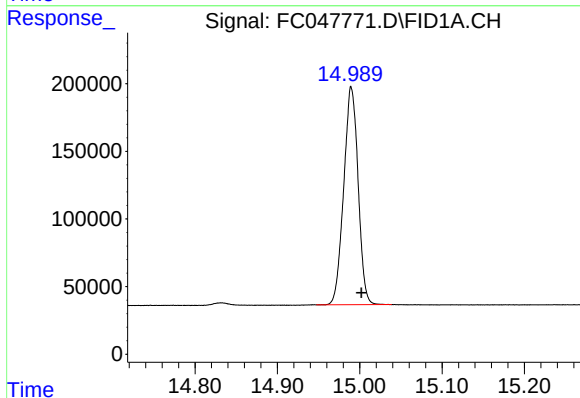
#13 n-Docosane (C22)

R.T.: 13.893 min
Delta R.T.: -0.013 min
Response: 2010446
Conc: 17.69 ug/ml

Instrument :
FID_C
ClientSampleId :

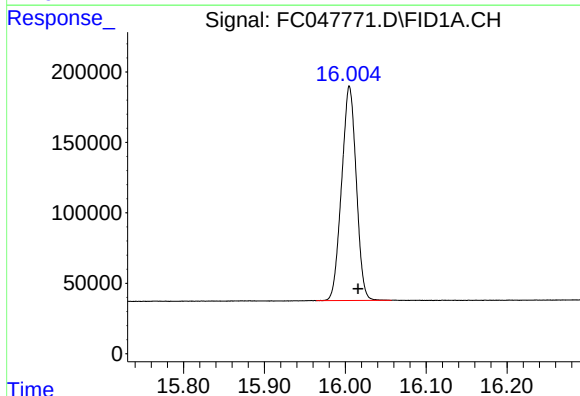
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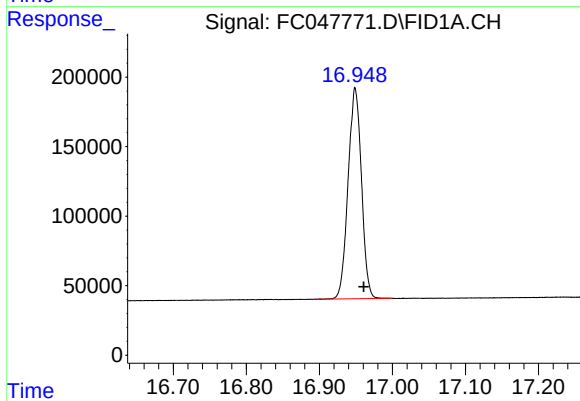
#14 n-Tetracosane (C24)

R.T.: 14.990 min
Delta R.T.: -0.012 min
Response: 1954881
Conc: 17.28 ug/ml



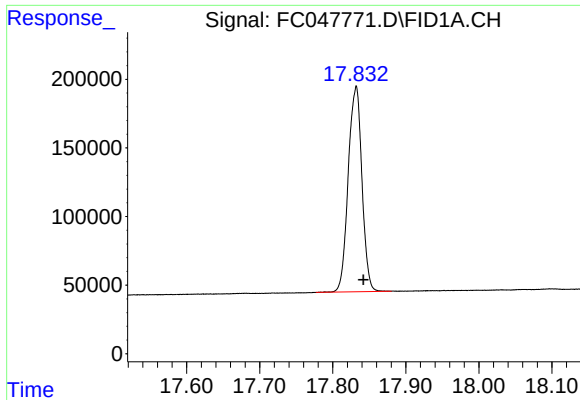
#15 n-Hexacosane (C26)

R.T.: 16.005 min
Delta R.T.: -0.011 min
Response: 1916475
Conc: 17.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.012 min
Response: 1928770
Conc: 17.29 ug/ml



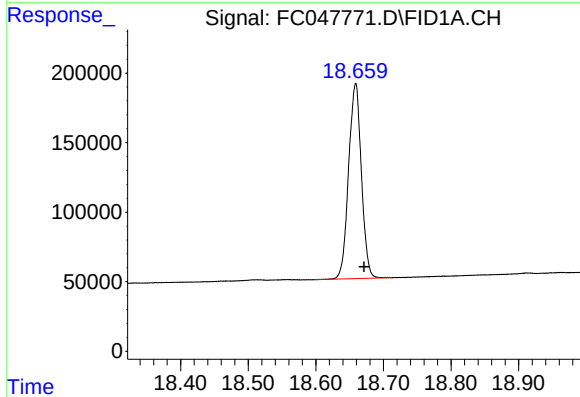
#17 n-Tricontane (C30)

R.T.: 17.832 min
Delta R.T.: -0.010 min
Response: 1946585
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :

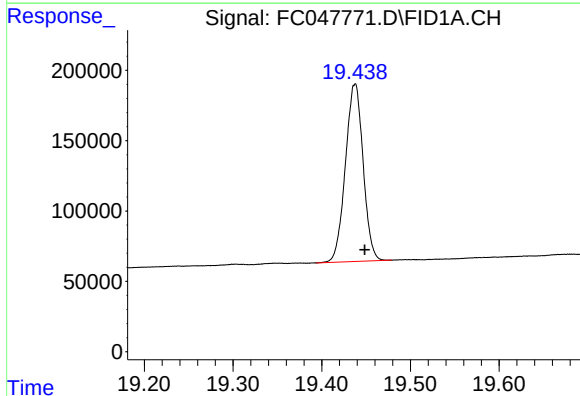
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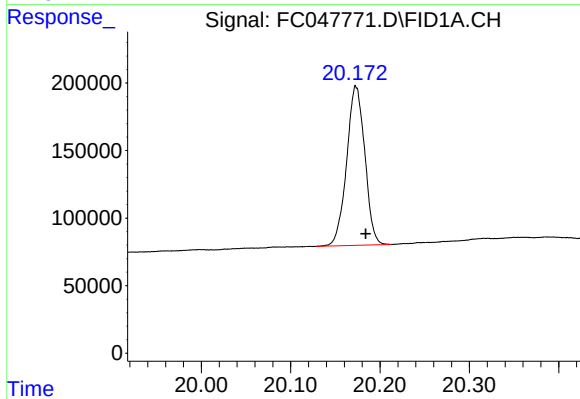
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: -0.013 min
Response: 1842171
Conc: 18.68 ug/ml



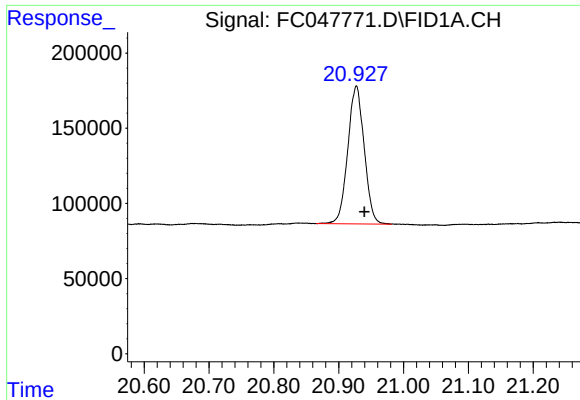
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.011 min
Response: 1752398
Conc: 19.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: -0.012 min
Response: 1665029
Conc: 19.20 ug/ml m



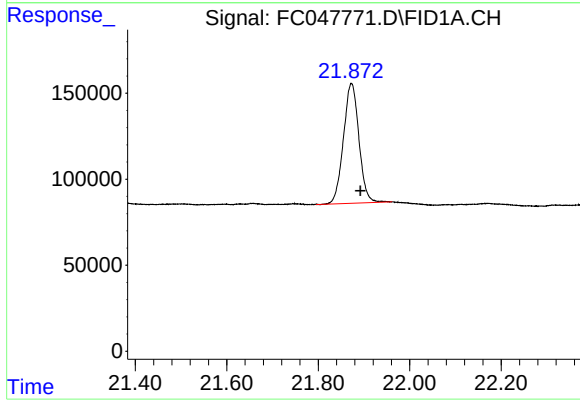
#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: -0.013 min
Response: 1612245
Conc: 19.98 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: -0.019 min
Response: 1635443
Conc: 20.11 ug/ml