

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081919AL\
 Data File : FC043016.D
 Signal(s) : FID1A.CH
 Acq On : 20 Aug 2019 13:48
 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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 8/20/2019 6:02:17 PM

Integration File: autoint1.e
 Quant Time: Aug 20 14:36:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.672	2700157	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.094	2216278	18.672 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
Target Compounds			
1) T n-Nonane (C9)	3.486	2609028	21.039 ug/ml
2) T n-Decane (C10)	4.547	2662068	21.218 ug/ml
3) T A~Naphthalene (C11.7)	6.133	2855981	21.084 ug/ml
4) T n-Dodecane (C12)	6.548	2699566	21.285 ug/ml
5) T A~2-methylnaphthalene...	7.181	2864400	21.057 ug/ml
6) T n-Tetradecane (C14)	8.328	2692965	21.106 ug/ml
7) T n-Hexadecane (C16)	9.916	2686748	20.786 ug/ml
8) T n-Octadecane (C18)	11.349	2649512	20.025 ug/ml
10) T n-Eicosane (C20)	12.649	2608919	19.301 ug/ml
11) T n-Heneicosane (C21)	13.258	2552571	18.883 ug/ml
13) T n-Docosane (C22)	13.841	2503992	18.444 ug/ml
14) T n-Tetracosane (C24)	14.937	2441239	17.929 ug/ml
15) T n-Hexacosane (C26)	15.954	2341224	17.356 ug/ml
16) T n-Octacosane (C28)	16.900	2254363	16.941 ug/ml
17) T n-Tricontane (C30)	17.783	2184696	17.062 ug/ml
18) T n-Dotriacontane (C32)	18.612	2016139	17.291 ug/ml
19) T n-Tetratriacontane (C34)	19.392	1725528	17.961 ug/ml
20) T n-Hexatriacontane (C36)	20.129	1576920	19.010 ug/mlm
21) T n-Octatriacontane (C38)	20.867	1486263	20.090 ug/mlm
22) T n-Tetracontane (C40)	21.789	1529033	21.168 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

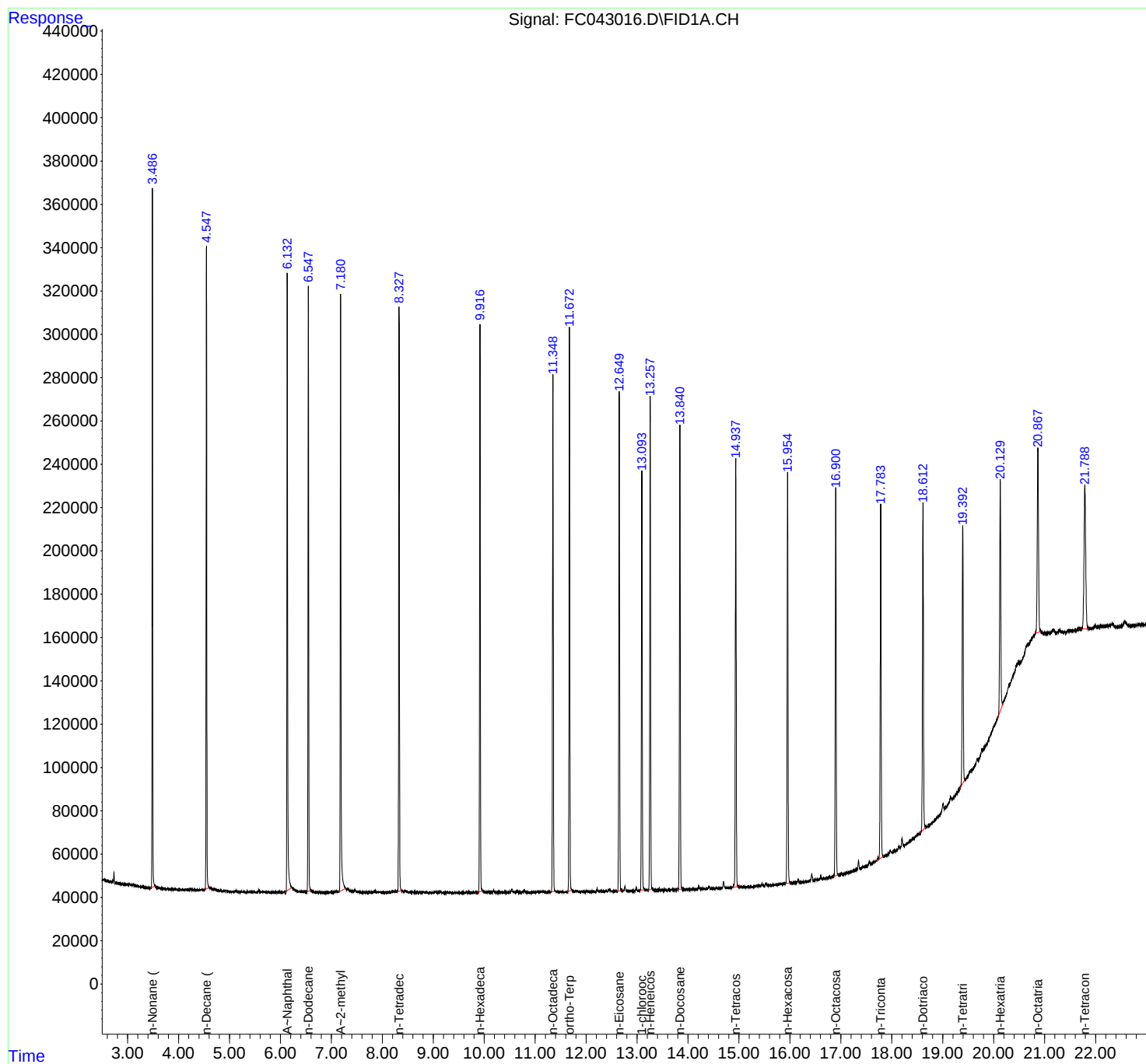
Instrument :
FID_C
ClientSampled :

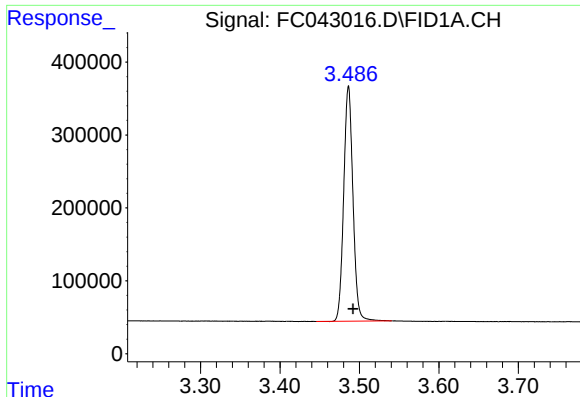
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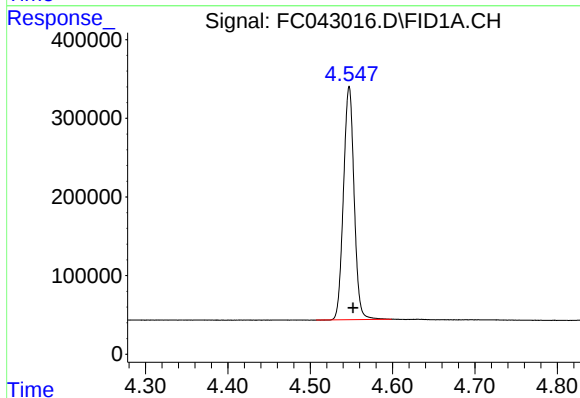
#1 n-Nonane (C9)

R.T.: 3.486 min
Delta R.T.: -0.006 min
Response: 2609028
Conc: 21.04 ug/ml

Instrument :
FID_C
ClientSampleId :

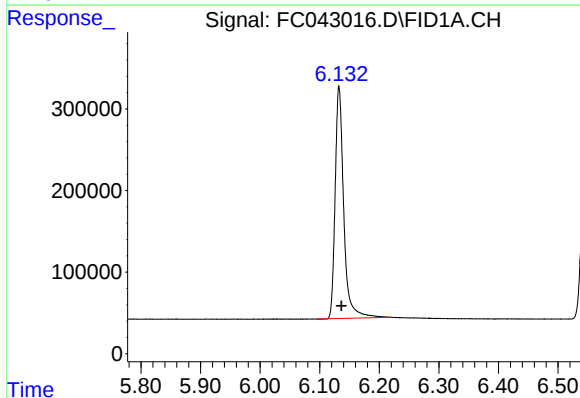
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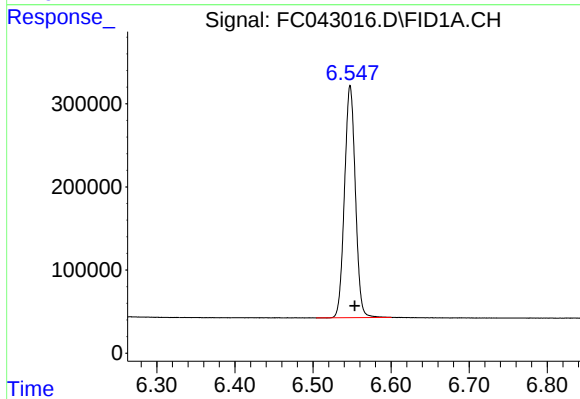
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.005 min
Response: 2662068
Conc: 21.22 ug/ml



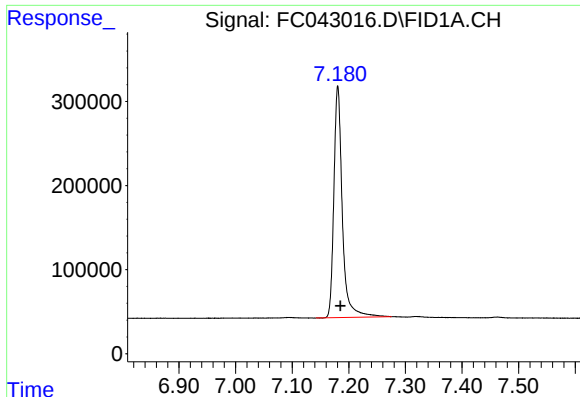
#3 A~Naphthalene (C11.7)

R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 2855981
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 2699566
Conc: 21.28 ug/ml



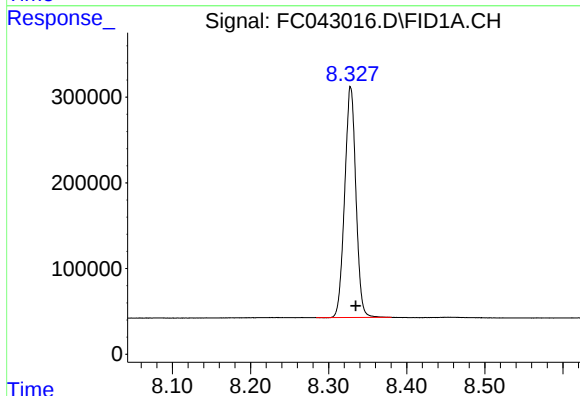
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.181 min
Delta R.T.: -0.004 min
Response: 2864400
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :

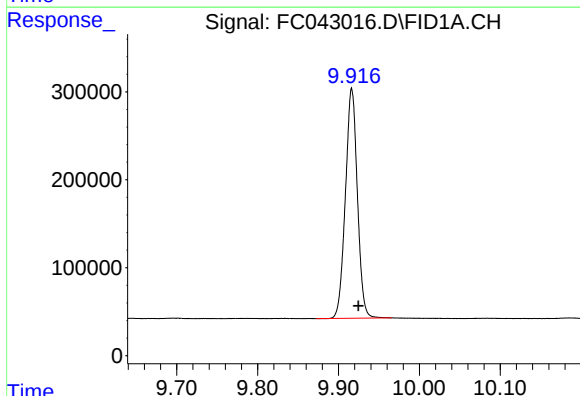
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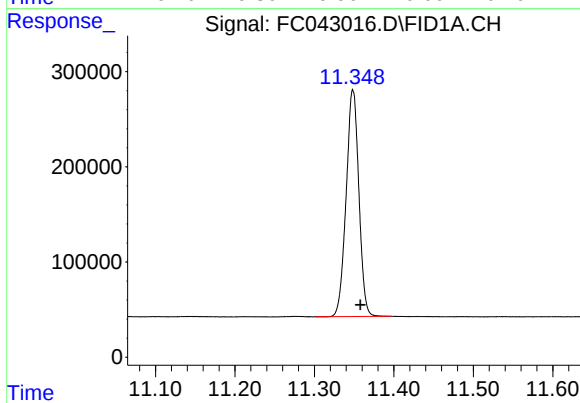
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 2692965
Conc: 21.11 ug/ml



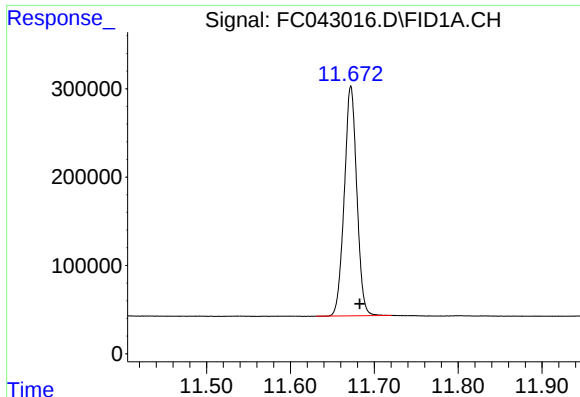
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: -0.008 min
Response: 2686748
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.349 min
Delta R.T.: -0.009 min
Response: 2649512
Conc: 20.02 ug/ml



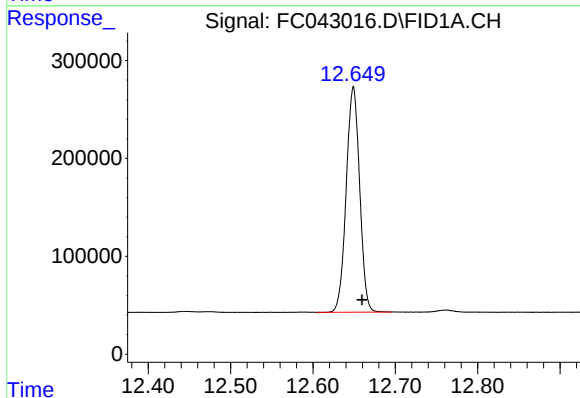
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.010 min
Response: 2700157
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :

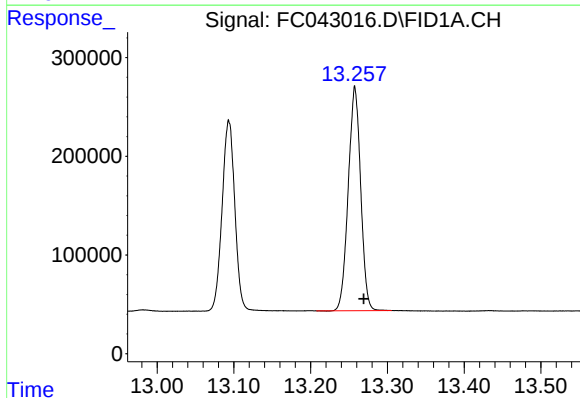
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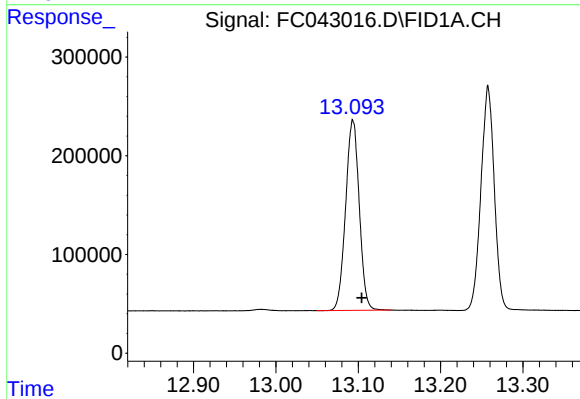
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.011 min
Response: 2608919
Conc: 19.30 ug/ml



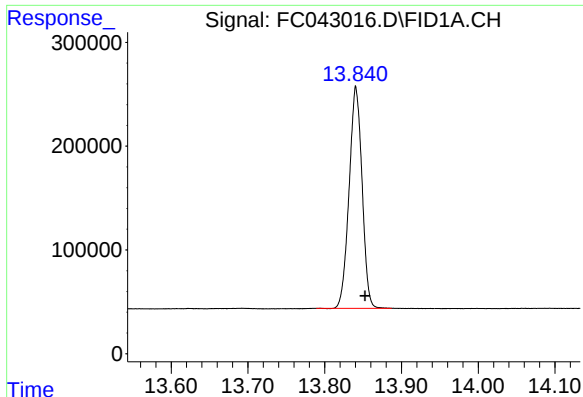
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.011 min
Response: 2552571
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: -0.011 min
Response: 2216278
Conc: 18.67 ug/ml



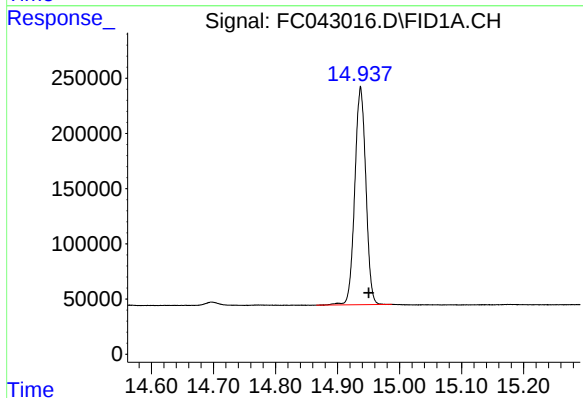
#13 n-Docosane (C22)

R.T.: 13.841 min
Delta R.T.: -0.012 min
Response: 2503992
Conc: 18.44 ug/ml

Instrument :
FID_C
ClientSampleId :

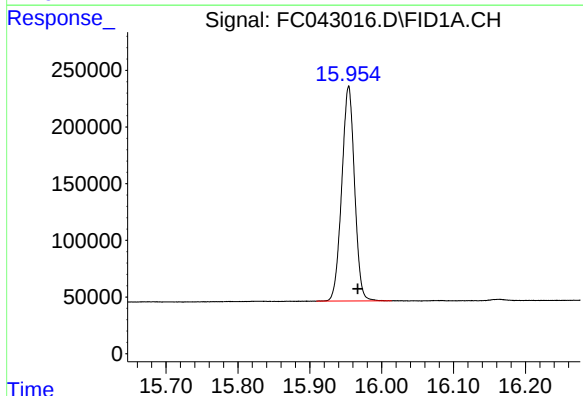
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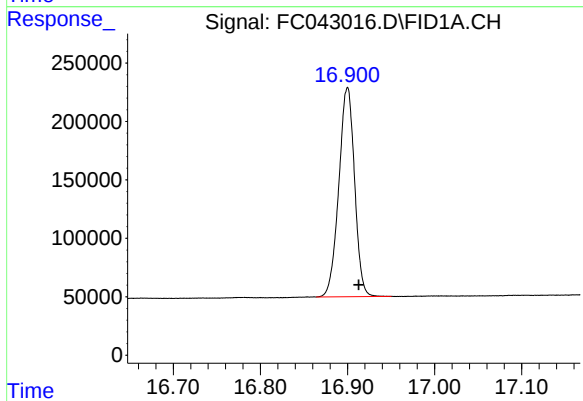
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.013 min
Response: 2441239
Conc: 17.93 ug/ml



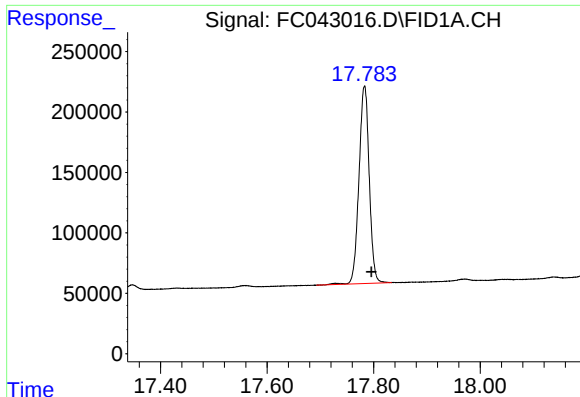
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.013 min
Response: 2341224
Conc: 17.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.900 min
Delta R.T.: -0.013 min
Response: 2254363
Conc: 16.94 ug/ml



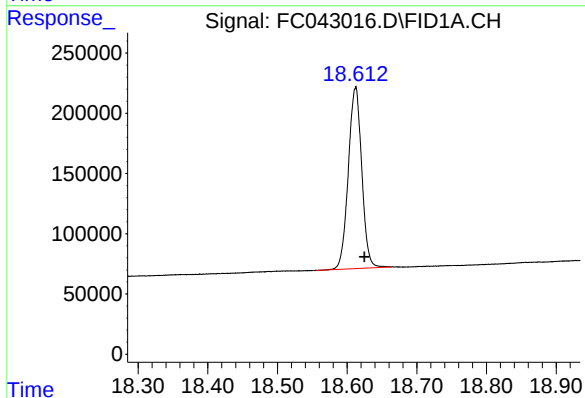
#17 n-Tricontane (C30)

R.T.: 17.783 min
Delta R.T.: -0.013 min
Response: 2184696
Conc: 17.06 ug/ml

Instrument :
FID_C
ClientSampleId :

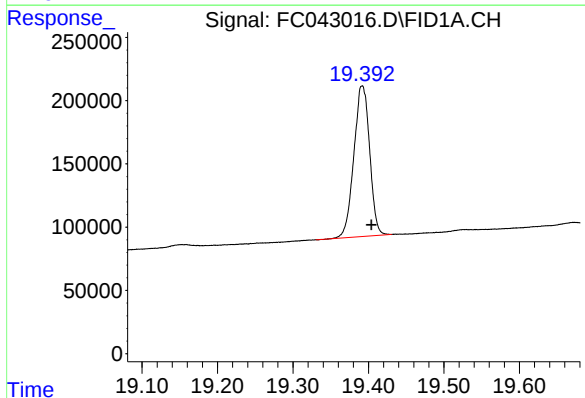
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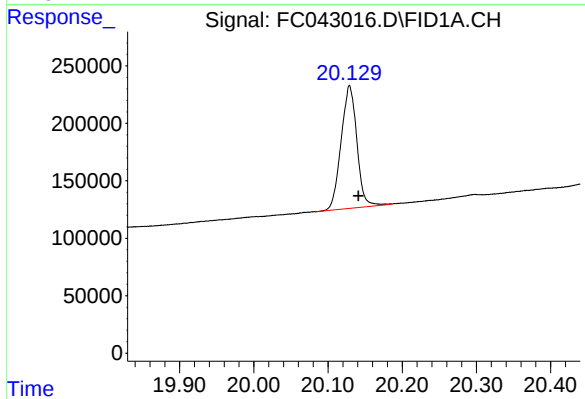
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: -0.013 min
Response: 2016139
Conc: 17.29 ug/ml



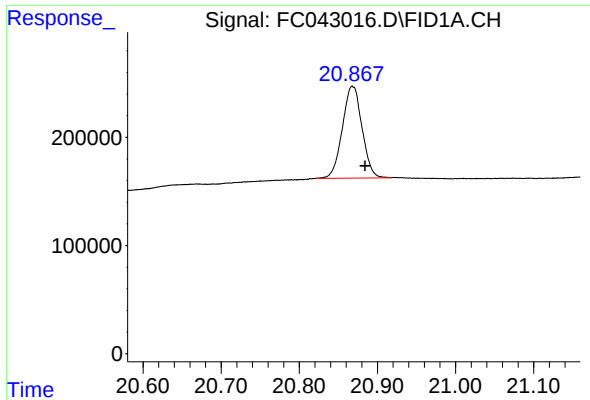
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: -0.012 min
Response: 1725528
Conc: 17.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.129 min
Delta R.T.: -0.012 min
Response: 1576920
Conc: 19.01 ug/ml m



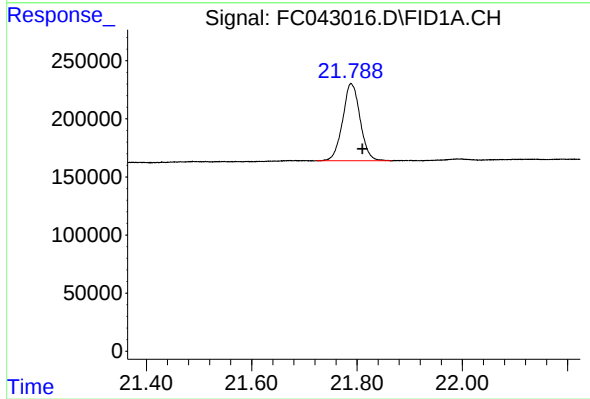
#21 n-Octatriacontane (C38)

R.T.: 20.867 min
Delta R.T.: -0.017 min
Response: 1486263
Conc: 20.09 ug/ml m

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: -0.022 min
Response: 1529033
Conc: 21.17 ug/ml