

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082019AL\
 Data File : FC043019.D
 Signal(s) : FID1A.CH
 Acq On : 20 Aug 2019 15:57
 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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 8/21/2019 3:00:49 PM

Integration File: autoint1.e
 Quant Time: Aug 20 23:02:13 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	2708188	19.065 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	13.093	2224021	18.737 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T n-Nonane (C9)	3.485	2636190	21.258 ug/ml
2) T n-Decane (C10)	4.546	2686263	21.411 ug/ml
3) T A~Naphthalene (C11.7)	6.131	2859624	21.111 ug/ml
4) T n-Dodecane (C12)	6.546	2715736	21.412 ug/ml
5) T A~2-methylnaphthalene...	7.179	2841847	20.891 ug/ml
6) T n-Tetradecane (C14)	8.326	2696818	21.136 ug/ml
7) T n-Hexadecane (C16)	9.915	2687320	20.790 ug/ml
8) T n-Octadecane (C18)	11.348	2655487	20.070 ug/ml
10) T n-Eicosane (C20)	12.650	2616231	19.355 ug/ml
11) T n-Heneicosane (C21)	13.258	2565366	18.978 ug/ml
13) T n-Docosane (C22)	13.840	2516701	18.537 ug/ml
14) T n-Tetracosane (C24)	14.937	2456511	18.041 ug/ml
15) T n-Hexacosane (C26)	15.953	2360283	17.498 ug/ml
16) T n-Octacosane (C28)	16.896	2284217	17.166 ug/ml
17) T n-Tricontane (C30)	17.780	2211436	17.271 ug/ml
18) T n-Dotriacontane (C32)	18.608	2050771	17.588 ug/ml
19) T n-Tetratriacontane (C34)	19.389	1752716	18.244 ug/ml
20) T n-Hexatriacontane (C36)	20.124	1576905	19.009 ug/mlm
21) T n-Octatriacontane (C38)	20.866	1541014	20.830 ug/mlm
22) T n-Tetracontane (C40)	21.788	1526325	21.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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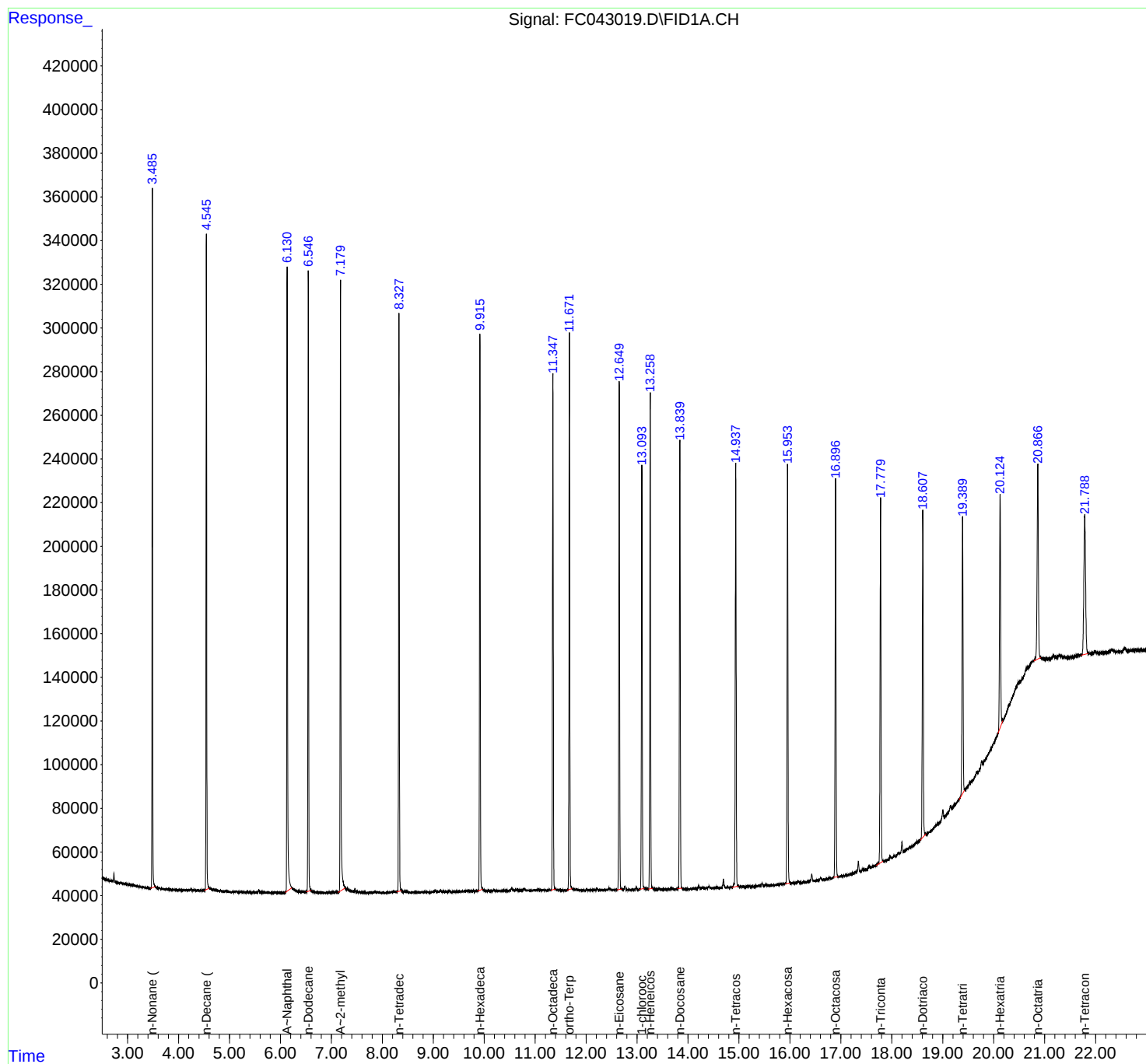
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FID_C
ClientSampleId :

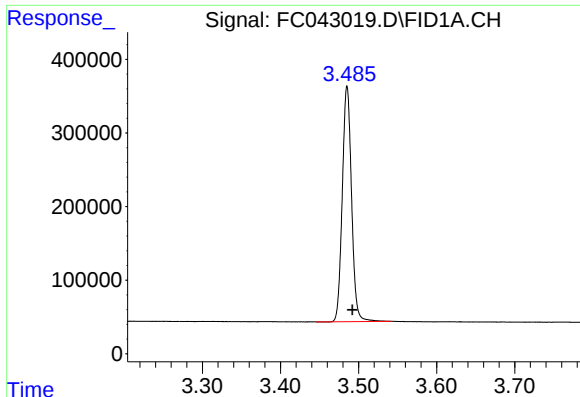
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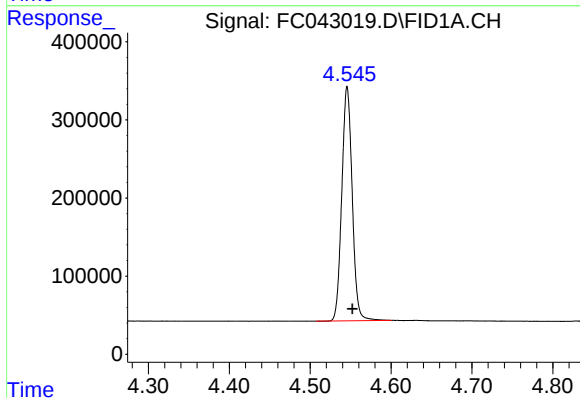
#1 n-Nonane (C9)

R.T.: 3.485 min
Delta R.T.: -0.007 min
Response: 2636190
Conc: 21.26 ug/ml

Instrument :
FID_C
ClientSampleId :

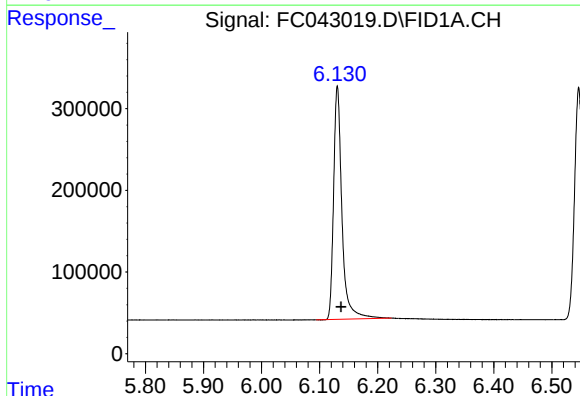
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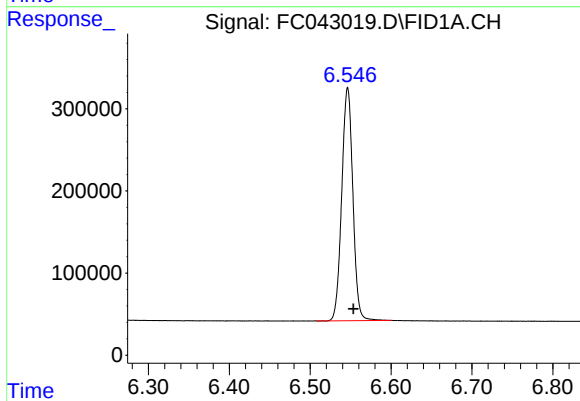
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.006 min
Response: 2686263
Conc: 21.41 ug/ml



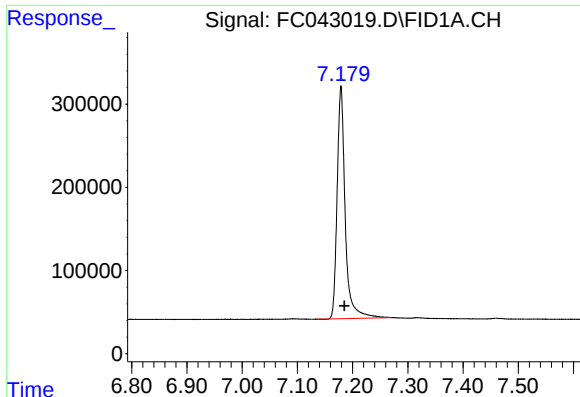
#3 A~Naphthalene (C11.7)

R.T.: 6.131 min
Delta R.T.: -0.006 min
Response: 2859624
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 2715736
Conc: 21.41 ug/ml



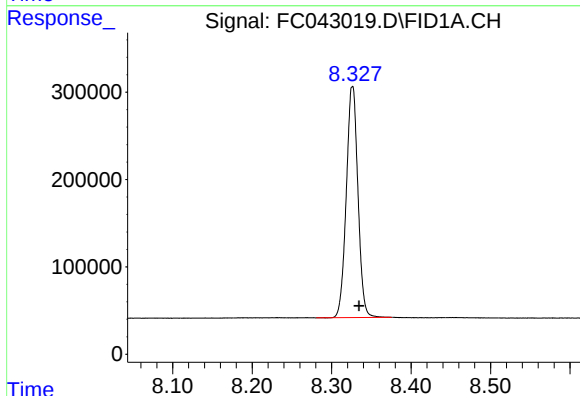
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 2841847
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :

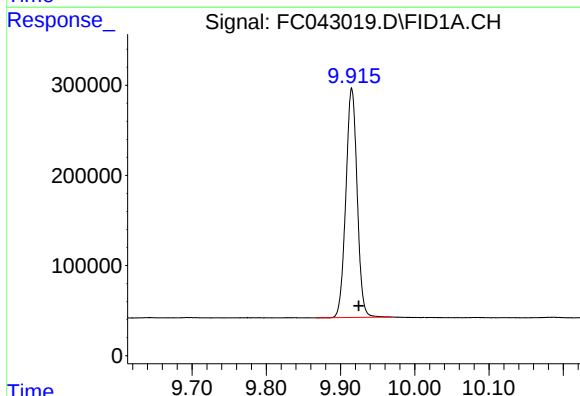
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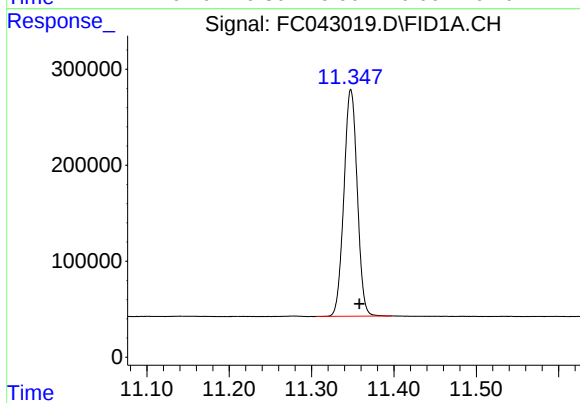
#6 n-Tetradecane (C14)

R.T.: 8.326 min
Delta R.T.: -0.008 min
Response: 2696818
Conc: 21.14 ug/ml



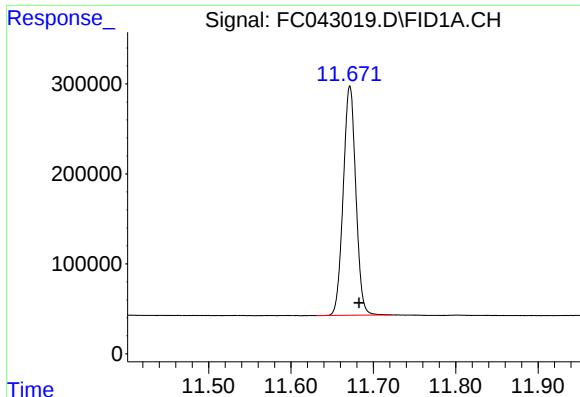
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: -0.009 min
Response: 2687320
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.010 min
Response: 2655487
Conc: 20.07 ug/ml



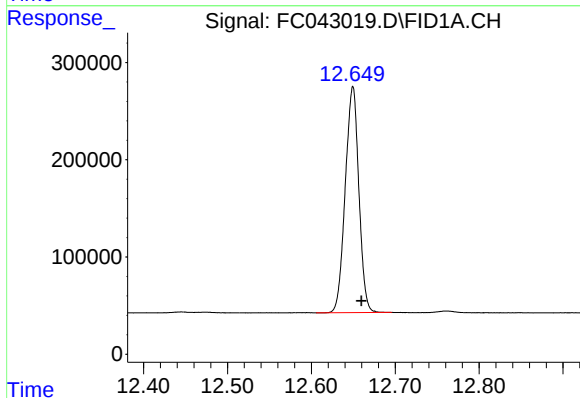
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.011 min
Response: 2708188
Conc: 19.06 ug/ml

Instrument :
FID_C
ClientSampleId :

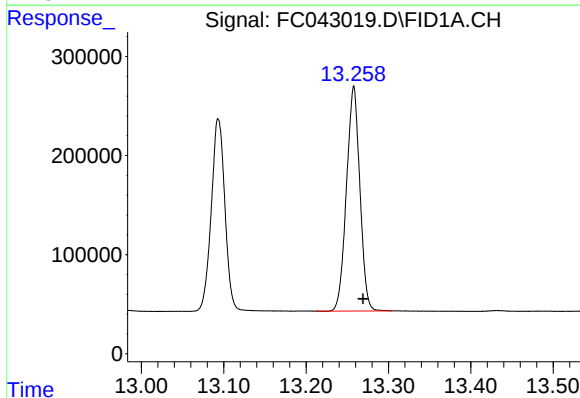
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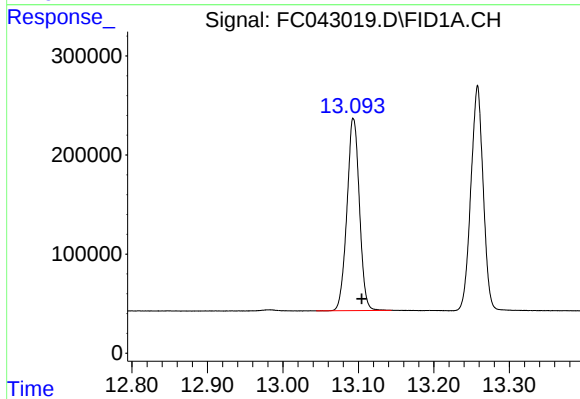
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: -0.010 min
Response: 2616231
Conc: 19.35 ug/ml



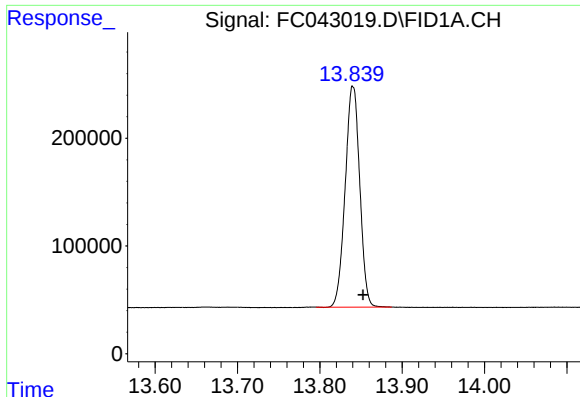
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.011 min
Response: 2565366
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.093 min
Delta R.T.: -0.011 min
Response: 2224021
Conc: 18.74 ug/ml



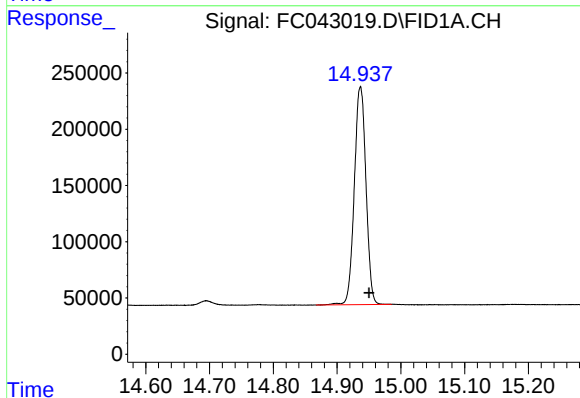
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.012 min
Response: 2516701
Conc: 18.54 ug/ml

Instrument :
FID_C
ClientSampleId :

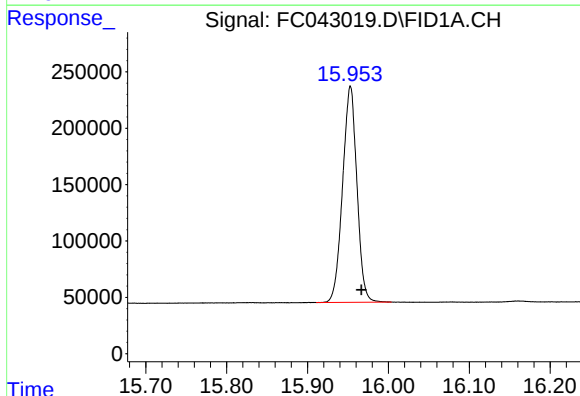
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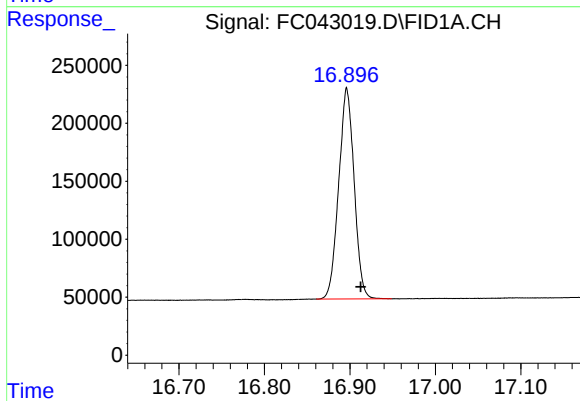
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.014 min
Response: 2456511
Conc: 18.04 ug/ml



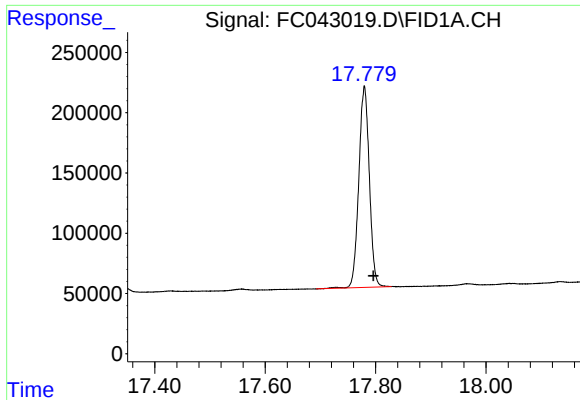
#15 n-Hexacosane (C26)

R.T.: 15.953 min
Delta R.T.: -0.014 min
Response: 2360283
Conc: 17.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.896 min
Delta R.T.: -0.016 min
Response: 2284217
Conc: 17.17 ug/ml



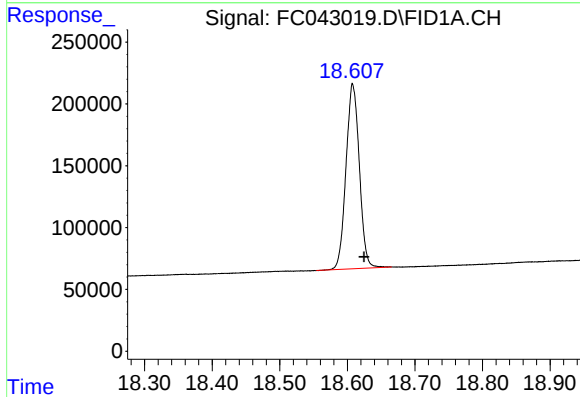
#17 n-Tricontane (C30)

R.T.: 17.780 min
Delta R.T.: -0.016 min
Response: 2211436
Conc: 17.27 ug/ml

Instrument :
FID_C
ClientSampleId :

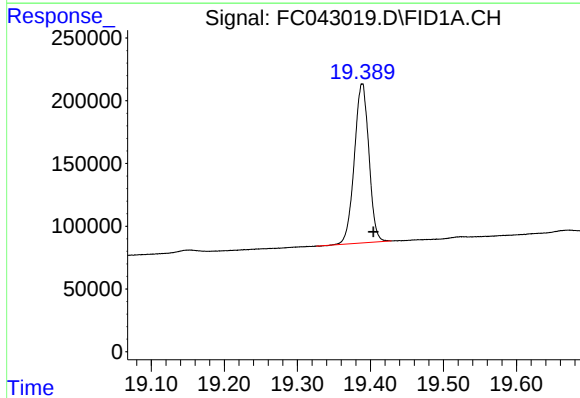
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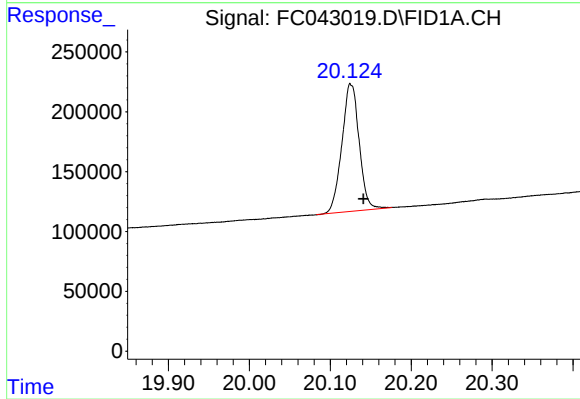
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: -0.017 min
Response: 2050771
Conc: 17.59 ug/ml



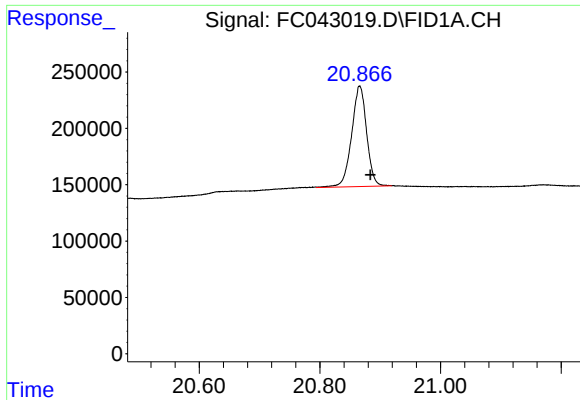
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: -0.015 min
Response: 1752716
Conc: 18.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: -0.017 min
Response: 1576905
Conc: 19.01 ug/ml m



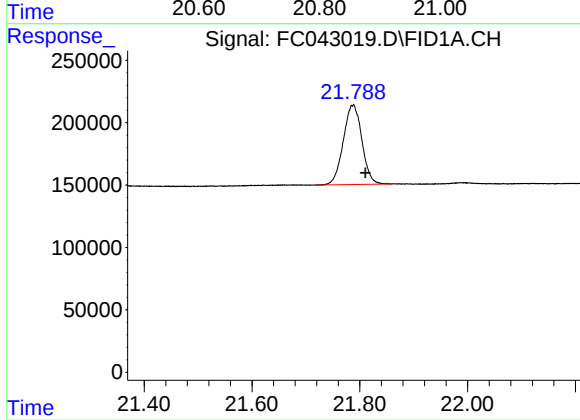
#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.018 min
Response: 1541014
Conc: 20.83 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.788 min
Delta R.T.: -0.022 min
Response: 1526325
Conc: 21.13 ug/ml