

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082319AL\
 Data File : FC043094.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2019 1:48
 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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 8/26/2019 3:05:29 PM

Integration File: sample.E
 Quant Time: Sep 04 02:30:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 02:30:02 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)	11.644	2744511	19.321 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	13.067	2253943	18.989 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.465	2607137	21.024 ug/mlm
2) T n-Decane (C10)	4.524	2701583	21.533 ug/ml
3) T A~Naphthalene (C11.7)	6.108	3016015	22.265 ug/ml
4) T n-Dodecane (C12)	6.524	2770114	21.841 ug/ml
5) T A~2-methylnaphthalene...	7.155	2938731	21.603 ug/ml
6) T n-Tetradecane (C14)	8.303	2749287	21.547 ug/ml
7) T n-Hexadecane (C16)	9.891	2746882	21.251 ug/ml
8) T n-Octadecane (C18)	11.323	2698976	20.399 ug/ml
10) T n-Eicosane (C20)	12.623	2652009	19.619 ug/ml
11) T n-Heneicosane (C21)	13.232	2595657	19.202 ug/ml
13) T n-Docosane (C22)	13.815	2579231	18.998 ug/ml
14) T n-Tetracosane (C24)	14.912	2563941	18.830 ug/ml
15) T n-Hexacosane (C26)	15.928	2628218	19.484 ug/ml
16) T n-Octacosane (C28)	16.872	2757173	20.720 ug/ml
17) T n-Tricontane (C30)	17.756	2669929	20.852 ug/mlm
18) T n-Dotriacontane (C32)	18.586	2452159	21.030 ug/mlm
19) T n-Tetratriacontane (C34)	19.367	1995116	20.767 ug/mlm
20) T n-Hexatriacontane (C36)	20.103	1753915	21.143 ug/mlm
21) T n-Octatriacontane (C38)	20.840	1718718	23.232 ug/mlm
22) T n-Tetracontane (C40)	21.752	1756039	24.311 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

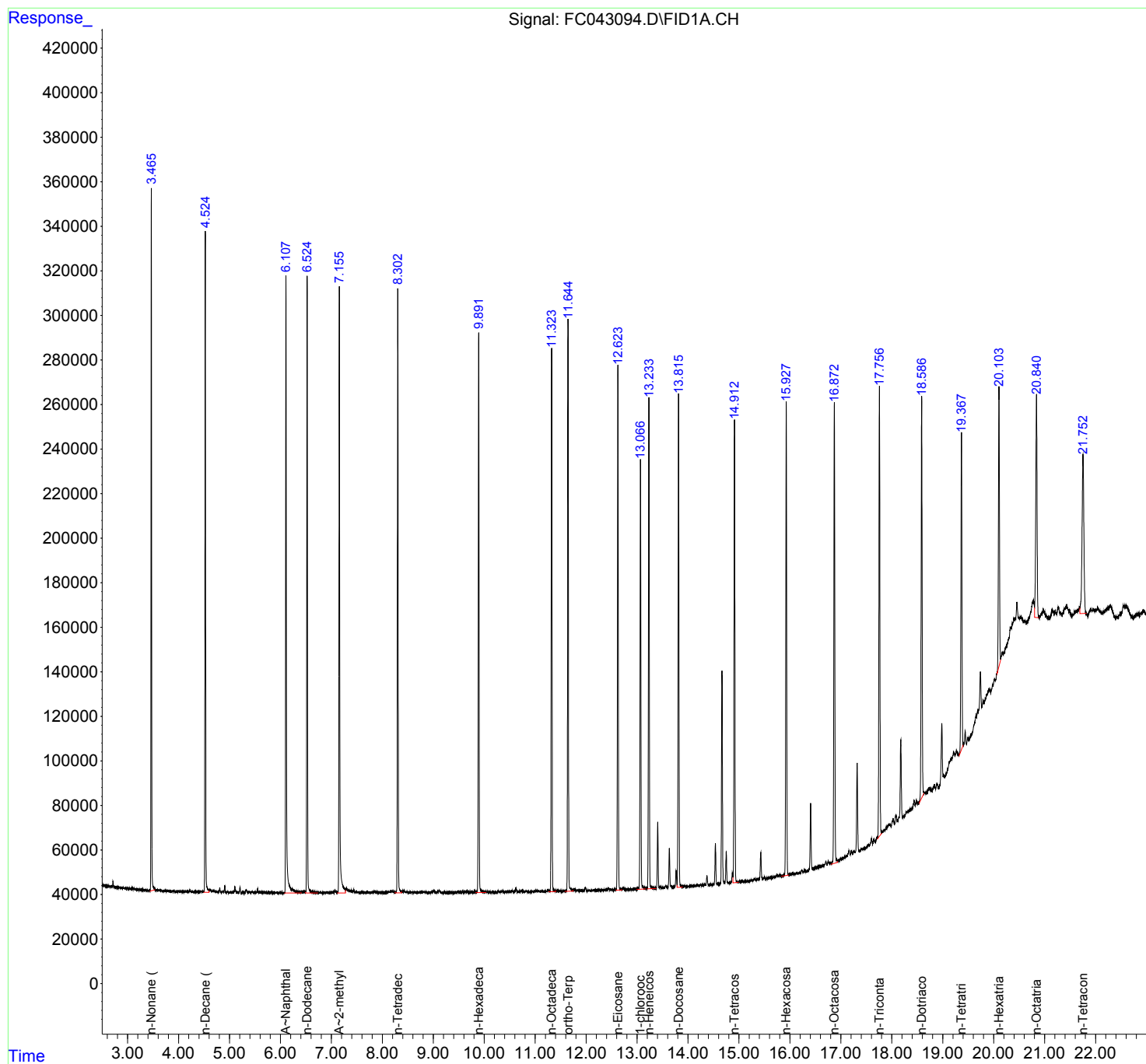
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FID_C
ClientSampled :

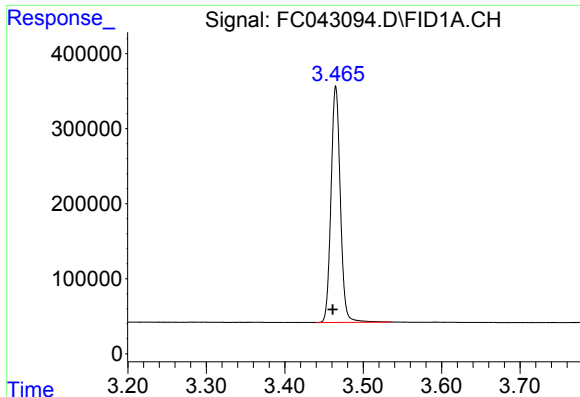
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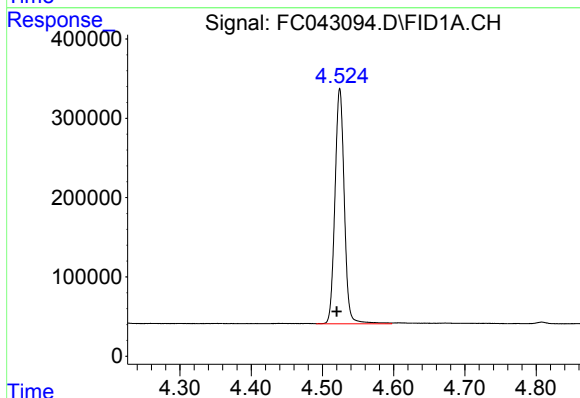
#1 n-Nonane (C9)

R.T.: 3.465 min
Delta R.T.: 0.004 min
Response: 2607137
Conc: 21.02 ug/ml m

Instrument :
FID_C
ClientSampleId :

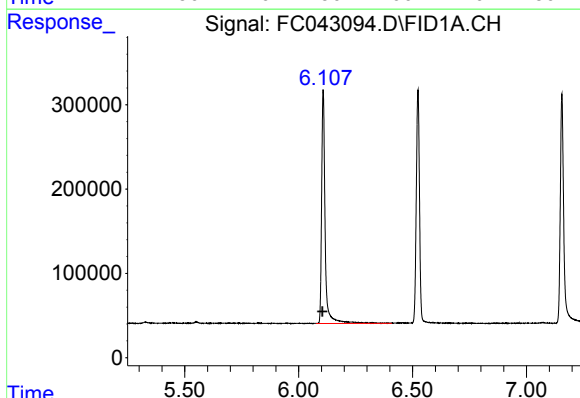
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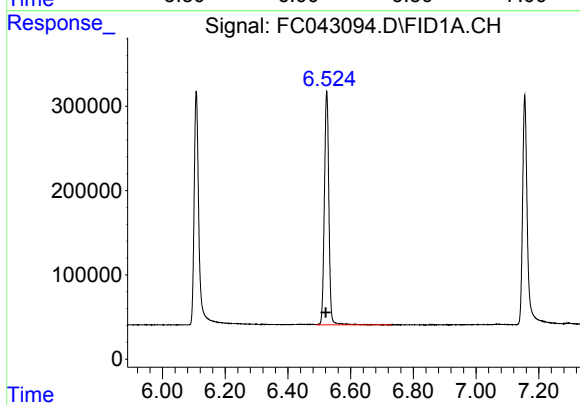
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.004 min
Response: 2701583
Conc: 21.53 ug/ml



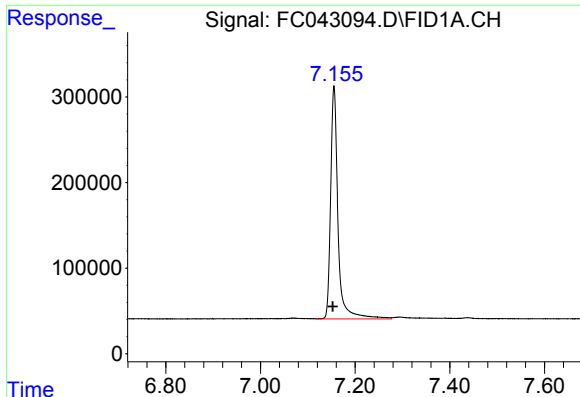
#3 A~Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 3016015
Conc: 22.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.524 min
Delta R.T.: 0.003 min
Response: 2770114
Conc: 21.84 ug/ml



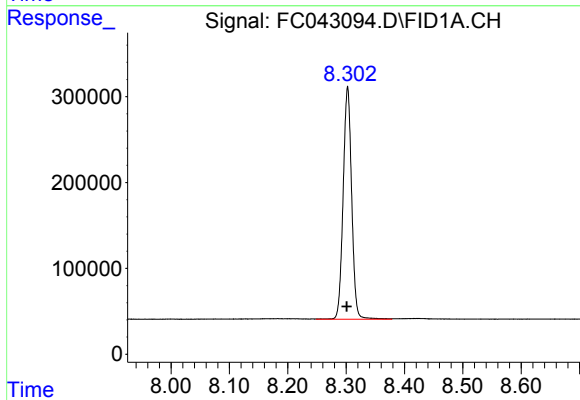
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.155 min
Delta R.T.: 0.003 min
Response: 2938731
Conc: 21.60 ug/ml

Instrument :
FID_C
ClientSampleId :

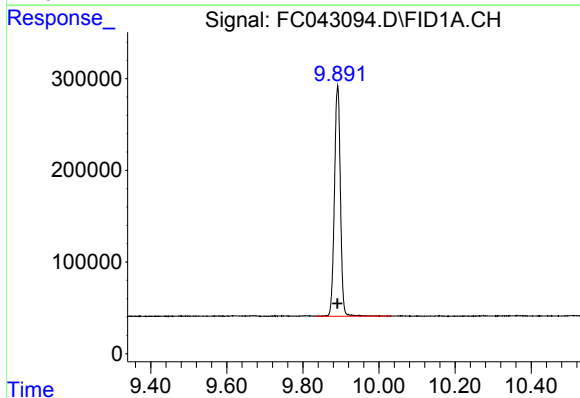
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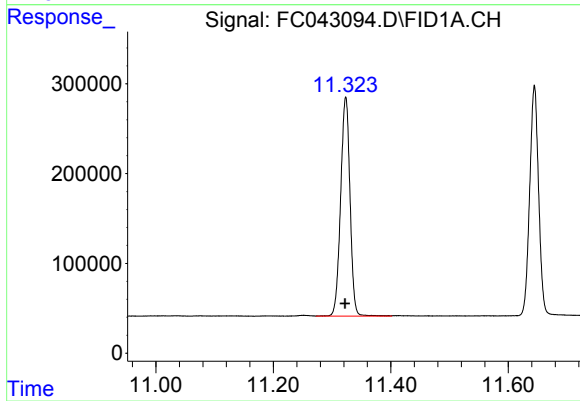
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: 0.001 min
Response: 2749287
Conc: 21.55 ug/ml



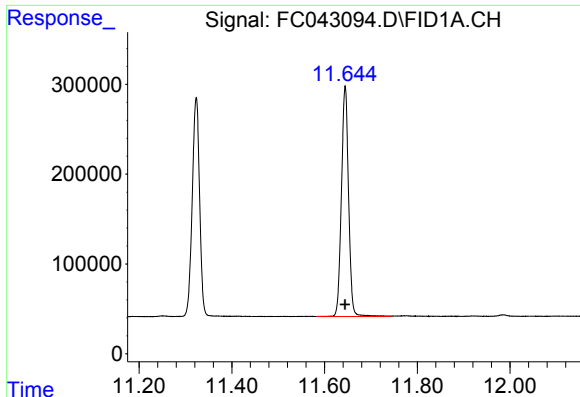
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 2746882
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: 0.000 min
Response: 2698976
Conc: 20.40 ug/ml



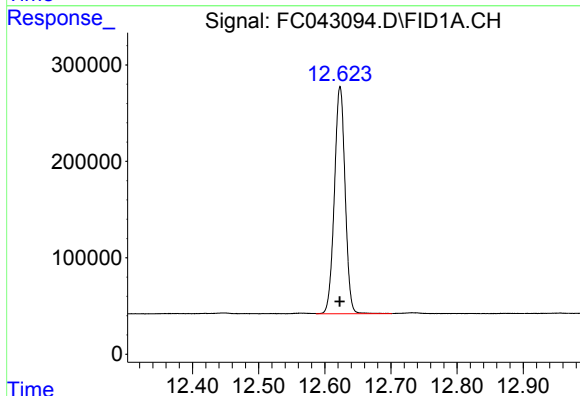
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 2744511
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :

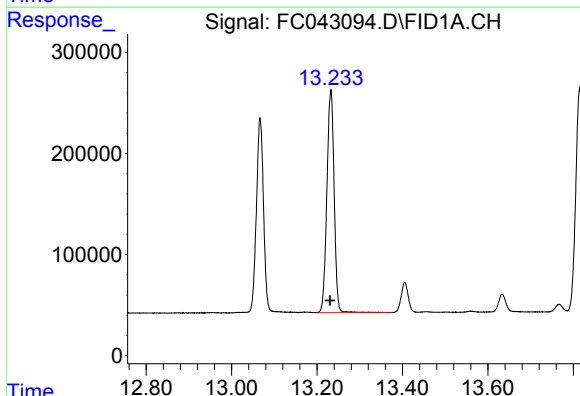
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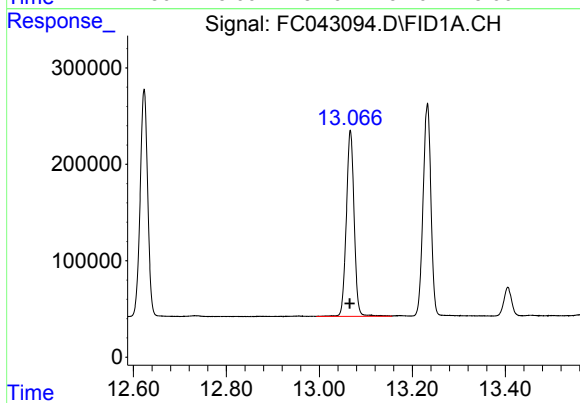
#10 n-Eicosane (C20)

R.T.: 12.623 min
Delta R.T.: 0.000 min
Response: 2652009
Conc: 19.62 ug/ml



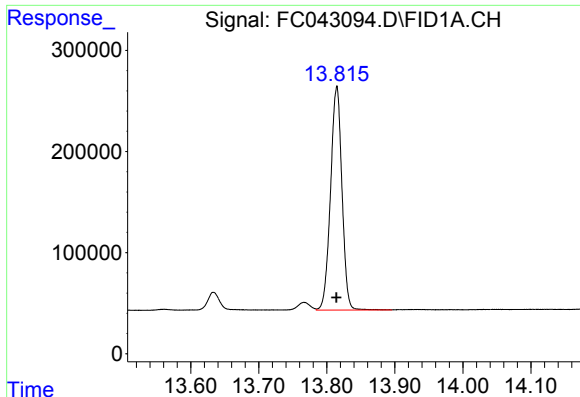
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: 0.002 min
Response: 2595657
Conc: 19.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.067 min
Delta R.T.: 0.001 min
Response: 2253943
Conc: 18.99 ug/ml



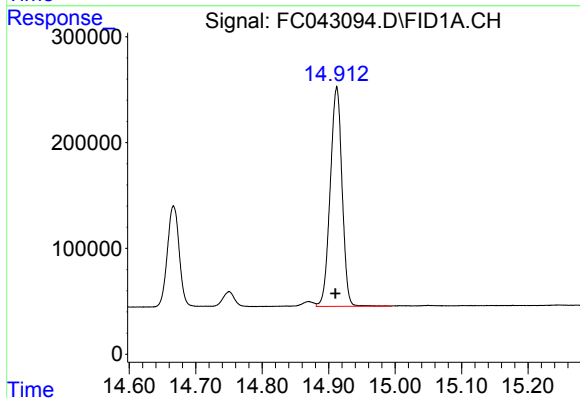
#13 n-Docosane (C22)

R.T.: 13.815 min
Delta R.T.: 0.000 min
Response: 2579231
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :

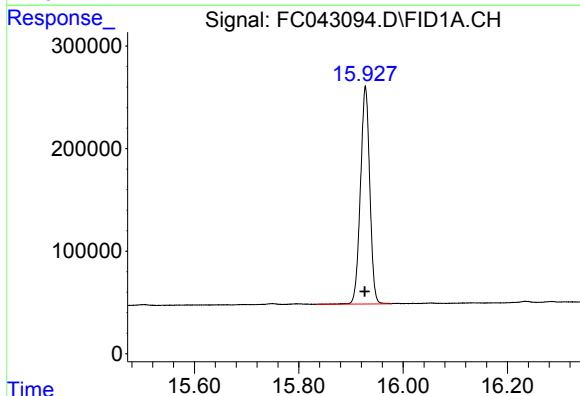
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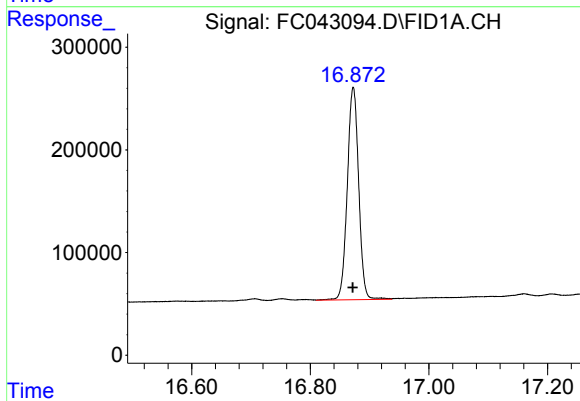
#14 n-Tetracosane (C24)

R.T.: 14.912 min
Delta R.T.: 0.002 min
Response: 2563941
Conc: 18.83 ug/ml



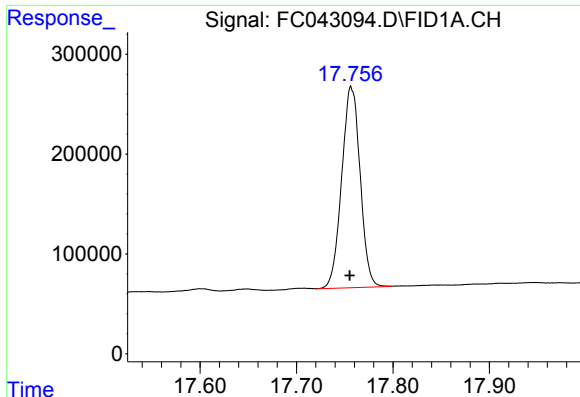
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: 0.001 min
Response: 2628218
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.872 min
Delta R.T.: 0.000 min
Response: 2757173
Conc: 20.72 ug/ml



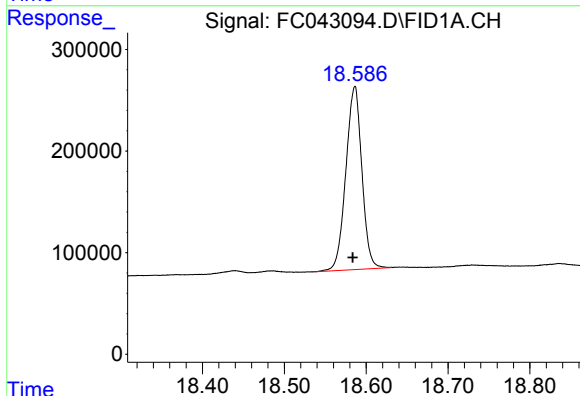
#17 n-Tricontane (C30)

R.T.: 17.756 min
Delta R.T.: 0.000 min
Response: 2669929
Conc: 20.85 ug/ml m

Instrument :
FID_C
ClientSampleId :

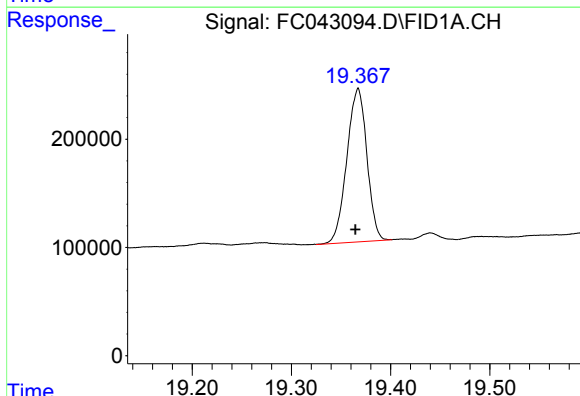
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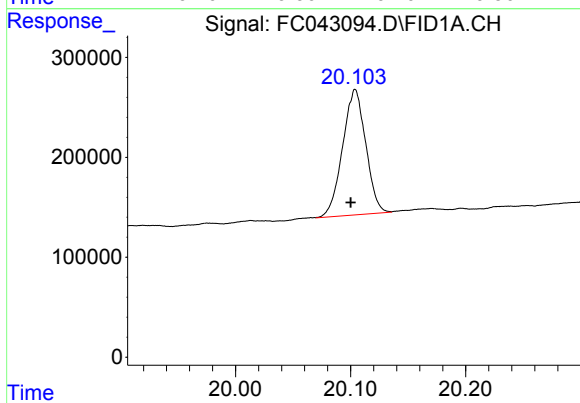
#18 n-Dotriacontane (C32)

R.T.: 18.586 min
Delta R.T.: 0.003 min
Response: 2452159
Conc: 21.03 ug/ml m



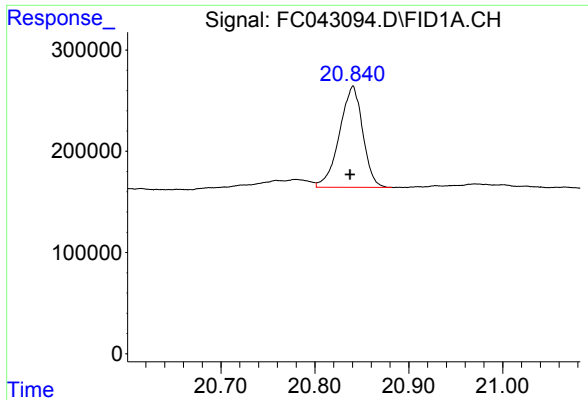
#19 n-Tetratriacontane (C34)

R.T.: 19.367 min
Delta R.T.: 0.003 min
Response: 1995116
Conc: 20.77 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.103 min
Delta R.T.: 0.003 min
Response: 1753915
Conc: 21.14 ug/ml m



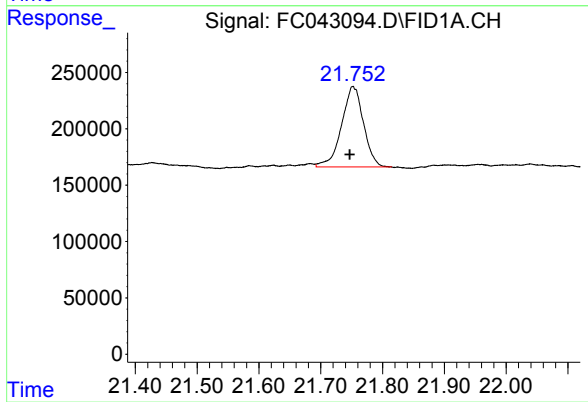
#21 n-Octatriacontane (C38)

R.T.: 20.840 min
Delta R.T.: 0.003 min
Response: 1718718
Conc: 23.23 ug/ml m

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.752 min
Delta R.T.: 0.005 min
Response: 1756039
Conc: 24.31 ug/ml m