

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111219AL\
 Data File : FC044495.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2019 9:27
 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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 11/13/2019 9:44:18 AM

Integration File: autoint1.e
 Quant Time: Nov 13 01:10:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.726	2296549	15.756 ug/ml
Spiked Amount 50.000		Recovery =	31.51%
12) S 1-chlorooctadecane (S...	13.157	1720657	15.389 ug/ml
Spiked Amount 50.000		Recovery =	30.78%
Target Compounds			
1) T n-Nonane (C9)	3.452	2291016	20.798 ug/ml
2) T n-Decane (C10)	4.529	2308279	20.782 ug/ml
3) T A-Naphthalene (C11.7)	6.133	2528632	20.323 ug/ml
4) T n-Dodecane (C12)	6.556	2303608	20.483 ug/ml
5) T A~2-methylnaphthalene...	7.192	2519984	19.984 ug/ml
6) T n-Tetradecane (C14)	8.353	2263878	20.010 ug/ml
7) T n-Hexadecane (C16)	9.955	2217632	19.408 ug/ml
8) T n-Octadecane (C18)	11.399	2149715	18.776 ug/ml
10) T n-Eicosane (C20)	12.708	2063855	18.096 ug/ml
11) T n-Heneicosane (C21)	13.322	2035930	17.750 ug/ml
13) T n-Docosane (C22)	13.909	1984950	17.480 ug/ml
14) T n-Tetracosane (C24)	15.013	1927746	17.047 ug/ml
15) T n-Hexacosane (C26)	16.035	1878736	16.981 ug/ml
16) T n-Octacosane (C28)	16.986	1871566	17.277 ug/ml
17) T n-Tricontane (C30)	17.875	1886026	17.821 ug/ml
18) T n-Dotriacontane (C32)	18.707	1859879	18.467 ug/ml
19) T n-Tetratriacontane (C34)	19.492	1814326	19.350 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1847112	21.278 ug/ml
21) T n-Octatriacontane (C38)	21.005	1814697	22.504 ug/ml
22) T n-Tetracontane (C40)	21.978	1816019	21.484 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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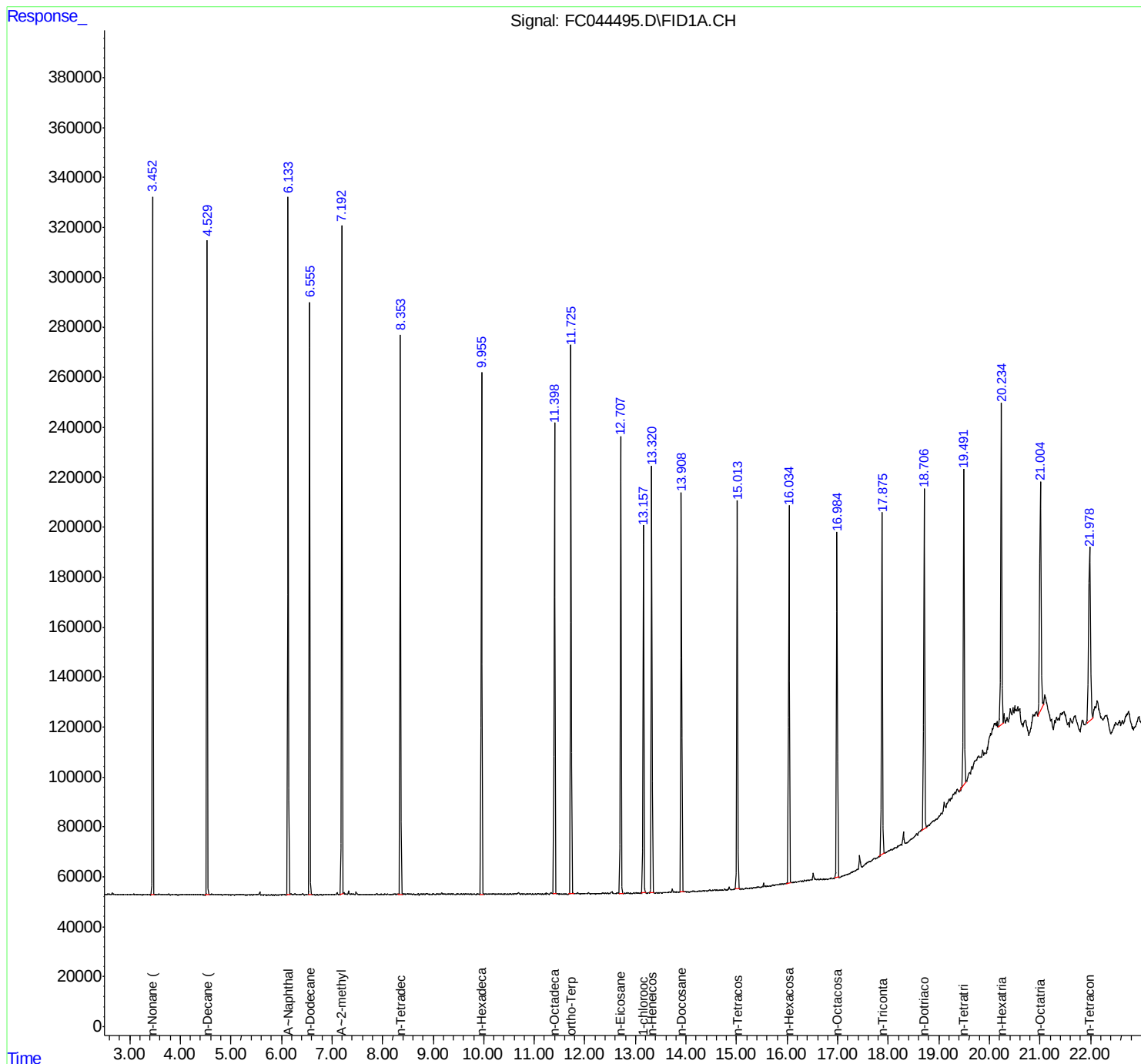
Instrument :
FID_C
ClientSampleId :

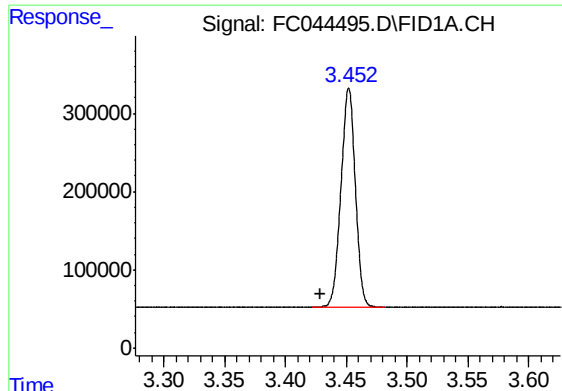
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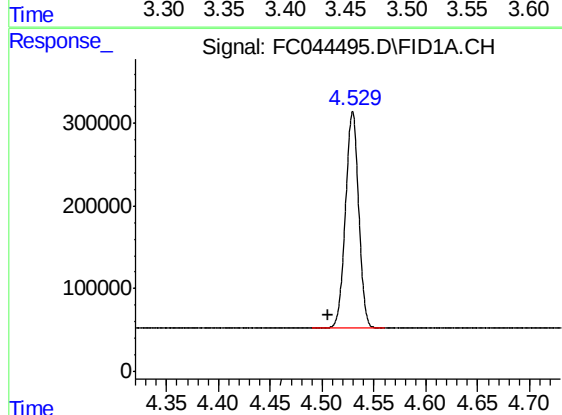
#1 n-Nonane (C9)

R.T.: 3.452 min
Delta R.T.: 0.023 min
Response: 2291016
Conc: 20.80 ug/ml

Instrument :
FID_C
ClientSampleId :

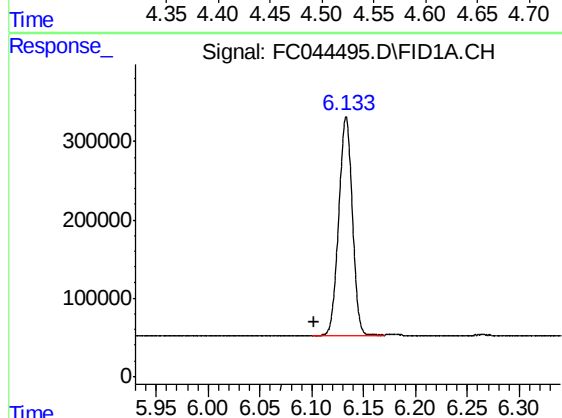
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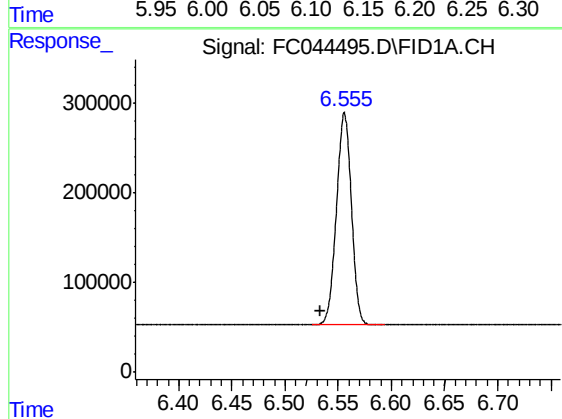
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: 2308279
Conc: 20.78 ug/ml



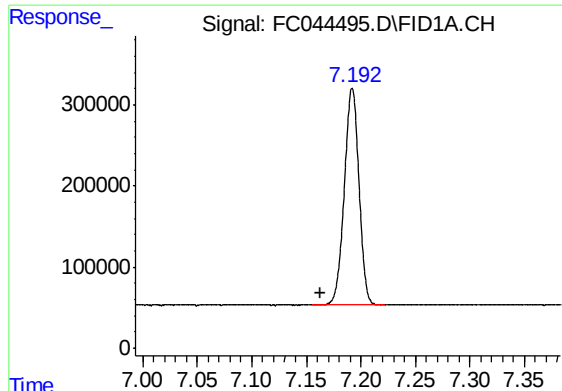
#3 A~Naphthalene (C11.7)

R.T.: 6.133 min
Delta R.T.: 0.031 min
Response: 2528632
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: 0.023 min
Response: 2303608
Conc: 20.48 ug/ml



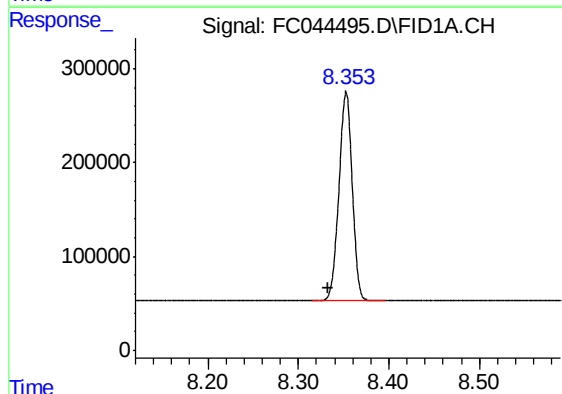
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.192 min
Delta R.T.: 0.030 min
Response: 2519984
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :

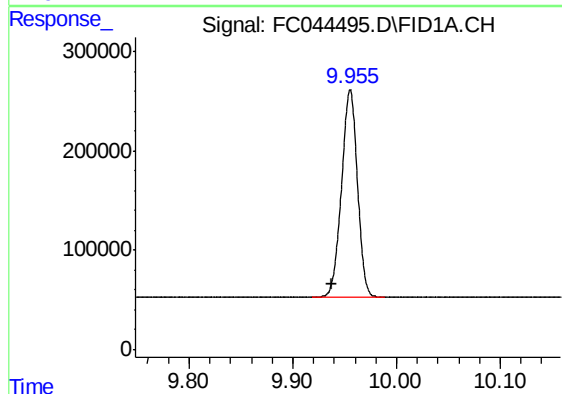
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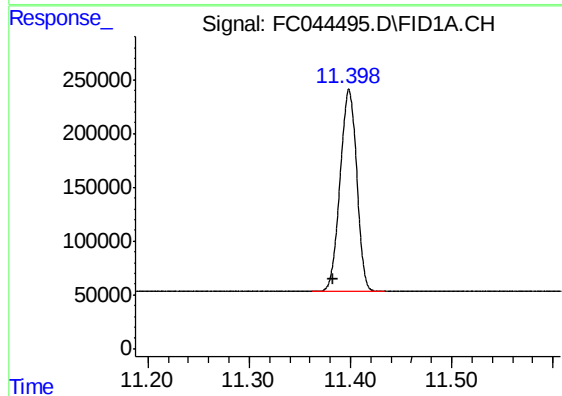
#6 n-Tetradecane (C14)

R.T.: 8.353 min
Delta R.T.: 0.020 min
Response: 2263878
Conc: 20.01 ug/ml



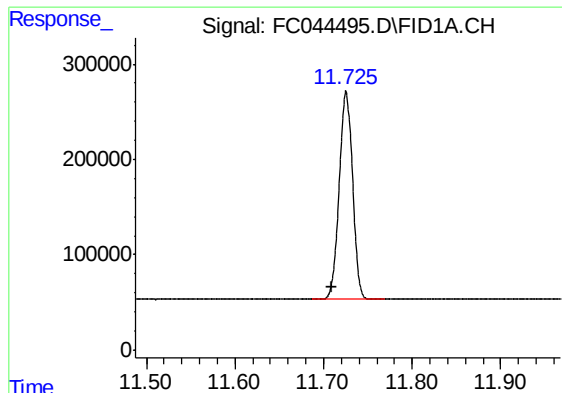
#7 n-Hexadecane (C16)

R.T.: 9.955 min
Delta R.T.: 0.017 min
Response: 2217632
Conc: 19.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.399 min
Delta R.T.: 0.016 min
Response: 2149715
Conc: 18.78 ug/ml



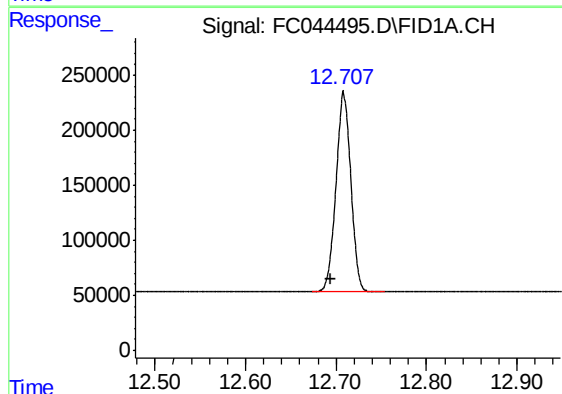
#9 ortho-Terphenyl (SURR)

R.T.: 11.726 min
Delta R.T.: 0.017 min
Response: 2296549
Conc: 15.76 ug/ml

Instrument :
FID_C
ClientSampleId :

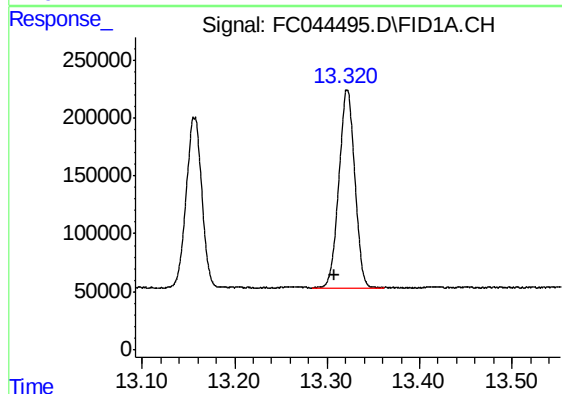
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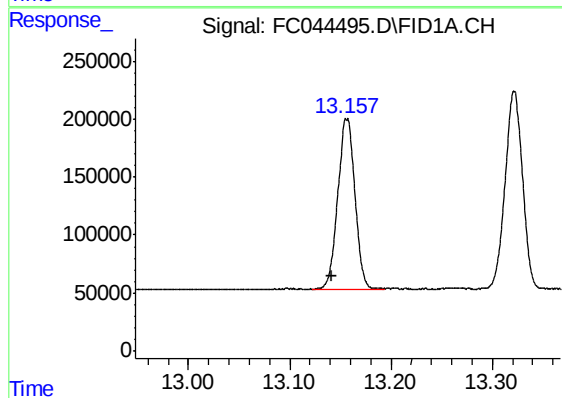
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: 0.014 min
Response: 2063855
Conc: 18.10 ug/ml



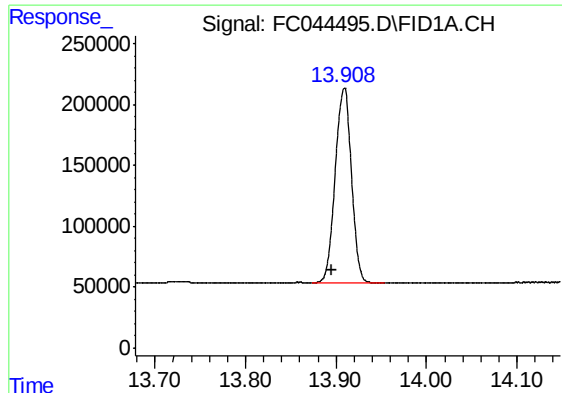
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: 0.014 min
Response: 2035930
Conc: 17.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: 0.014 min
Response: 1720657
Conc: 15.39 ug/ml



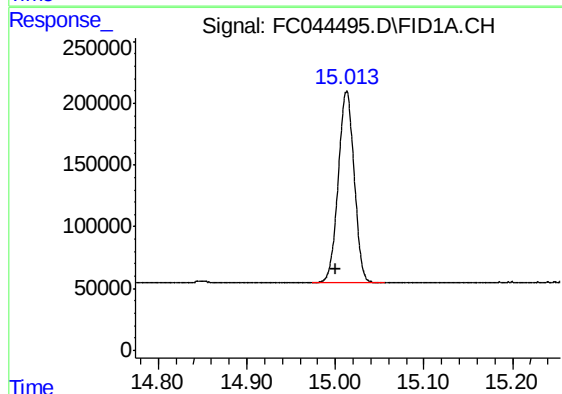
#13 n-Docosane (C22)

R.T.: 13.909 min
Delta R.T.: 0.014 min
Response: 1984950
Conc: 17.48 ug/ml

Instrument :
FID_C
ClientSampleId :

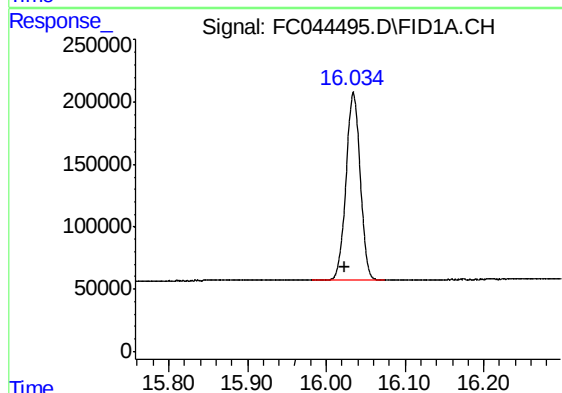
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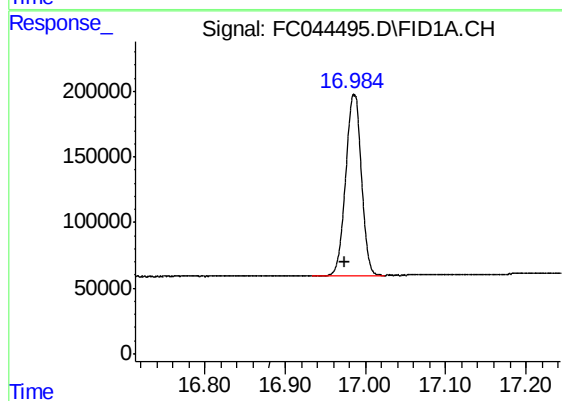
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.012 min
Response: 1927746
Conc: 17.05 ug/ml



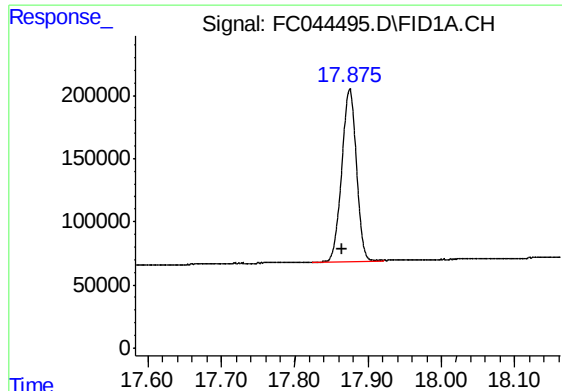
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.011 min
Response: 1878736
Conc: 16.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.986 min
Delta R.T.: 0.011 min
Response: 1871566
Conc: 17.28 ug/ml



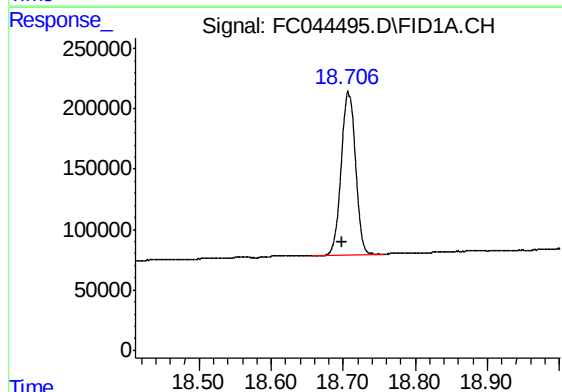
#17 n-Tricontane (C30)

R.T.: 17.875 min
Delta R.T.: 0.011 min
Response: 1886026
Conc: 17.82 ug/ml

Instrument :
FID_C
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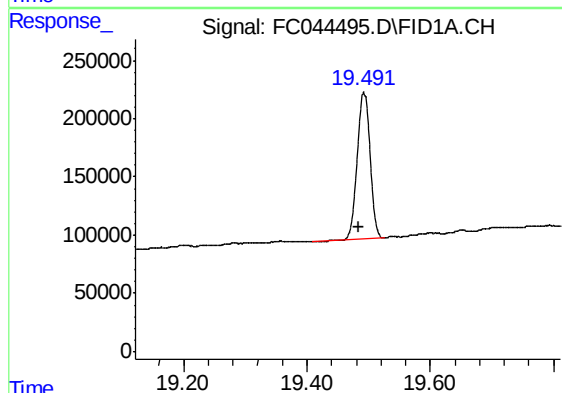
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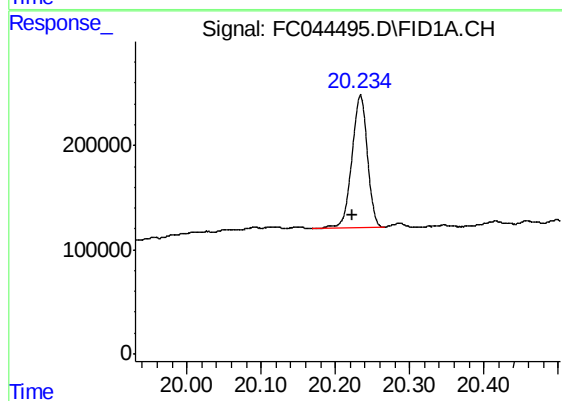
#18 n-Dotriacontane (C32)

R.T.: 18.707 min
Delta R.T.: 0.009 min
Response: 1859879
Conc: 18.47 ug/ml



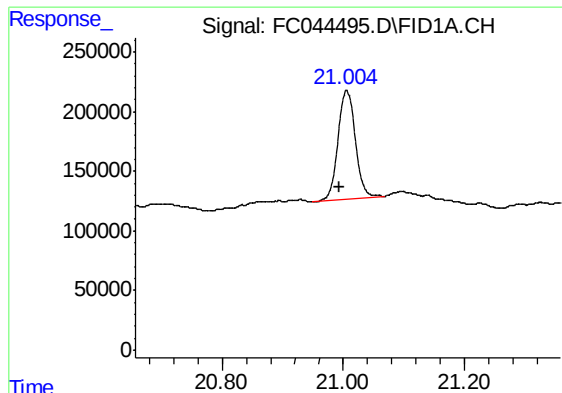
#19 n-Tetatriacontane (C34)

R.T.: 19.492 min
Delta R.T.: 0.009 min
Response: 1814326
Conc: 19.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.234 min
Delta R.T.: 0.010 min
Response: 1847112
Conc: 21.28 ug/ml



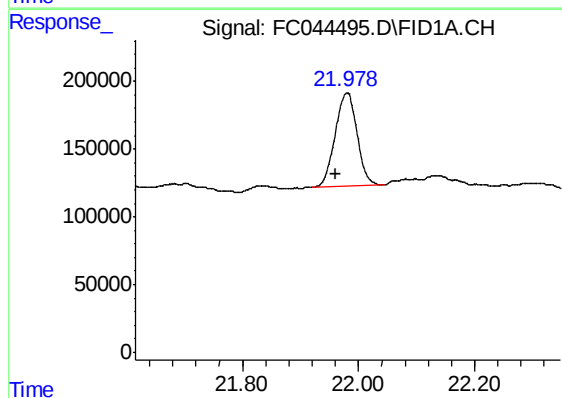
#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: 0.011 min
Response: 1814697
Conc: 22.50 ug/ml

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: 0.017 min
Response: 1816019
Conc: 21.48 ug/ml m