

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030321AL\
 Data File : FC052195.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2021 1:27
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 04 03:55:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 01:22:11 2021
 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)	11.615	664618	5.050 ug/ml
Spiked Amount 50.000		Recovery =	10.10%
12) S 1-chlorooctadecane (S...	13.054	517877	4.975 ug/ml
Spiked Amount 50.000		Recovery =	9.95%
Target Compounds			
1) T n-Nonane (C9)	3.357	594014	5.049 ug/ml
2) T n-Decane (C10)	4.425	595861	5.021 ug/ml
3) T A~Naphthalene (C11.7)	6.017	665862	5.019 ug/ml
4) T n-Dodecane (C12)	6.449	607896	5.036 ug/ml
5) T A~2-methylnaphthalene...	7.075	682362	5.034 ug/ml
6) T n-Tetradecane (C14)	8.249	611845	5.058 ug/ml
7) T n-Hexadecane (C16)	9.852	603848	5.059 ug/ml
8) T n-Octadecane (C18)	11.297	622003	5.031 ug/ml
10) T n-Eicosane (C20)	12.609	617862	5.018 ug/ml
11) T n-Heneicosane (C21)	13.222	612200	5.019 ug/ml
13) T n-Docosane (C22)	13.809	595549	4.937 ug/ml
14) T n-Tetracosane (C24)	14.914	574276	4.908 ug/ml
15) T n-Hexacosane (C26)	15.936	537693	4.869 ug/ml
16) T n-Octacosane (C28)	16.886	501074	4.861 ug/ml
17) T n-Tricontane (C30)	17.775	458956	4.845 ug/ml
18) T n-Dotriacontane (C32)	18.607	429016	5.031 ug/ml
19) T n-Tetratriacontane (C34)	19.392	381038	4.894 ug/ml
20) T n-Hexatriacontane (C36)	20.131	352013	4.874 ug/ml
21) T n-Octatriacontane (C38)	20.877	340685	4.967 ug/ml
22) T n-Tetracontane (C40)	21.802	356092	4.940 ug/ml

(f)=RT Delta > 1/2 Window

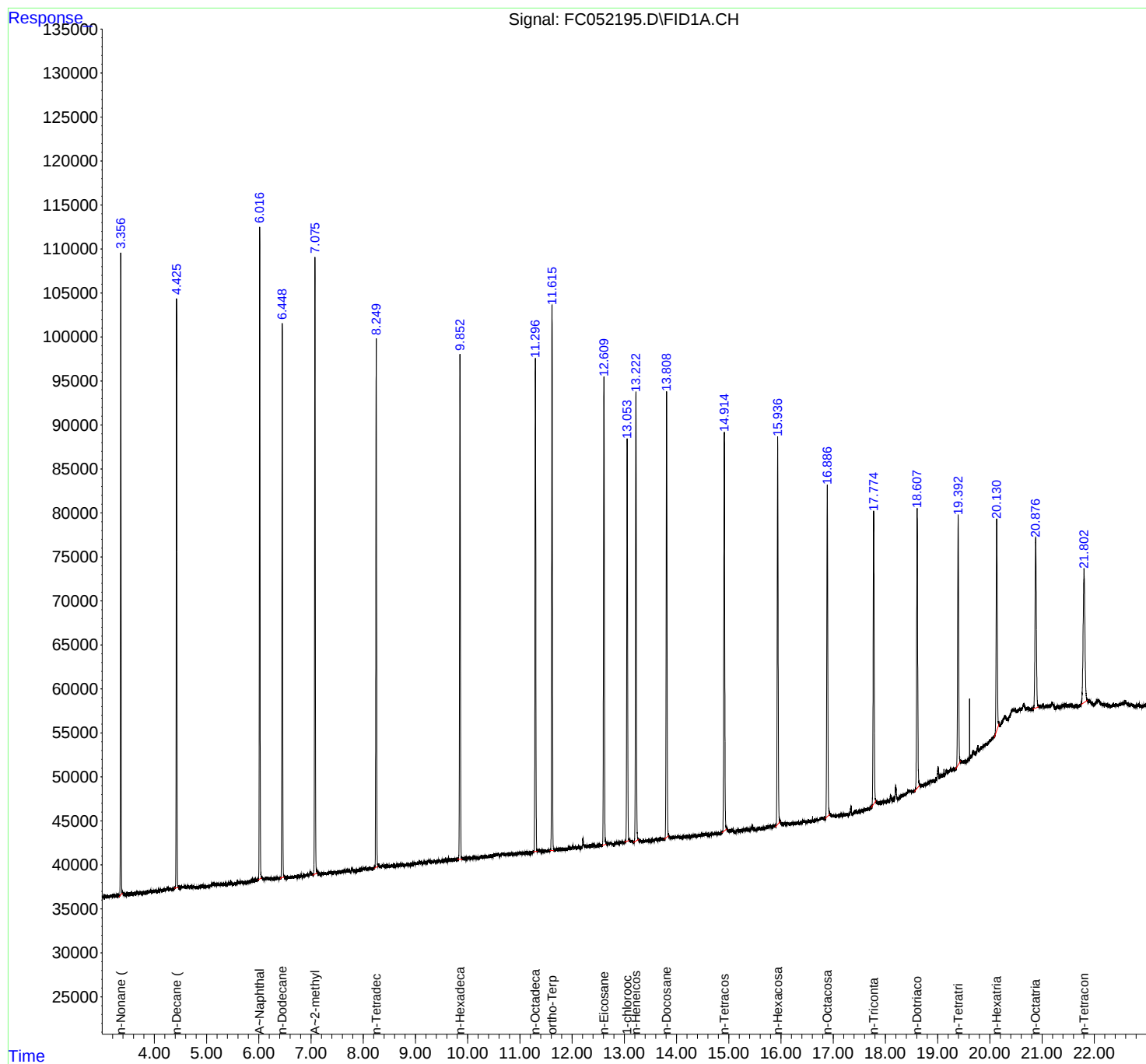
(m)=manual int.

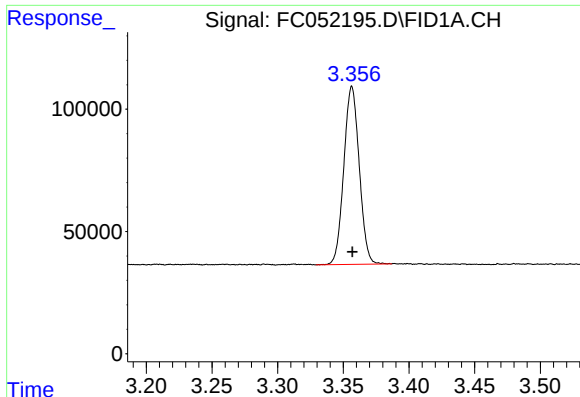
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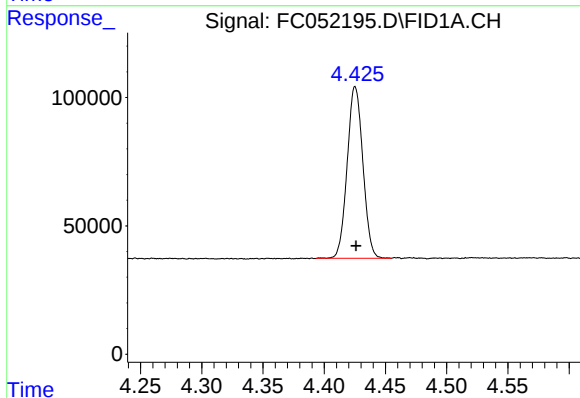




#1 n-Nonane (C9)

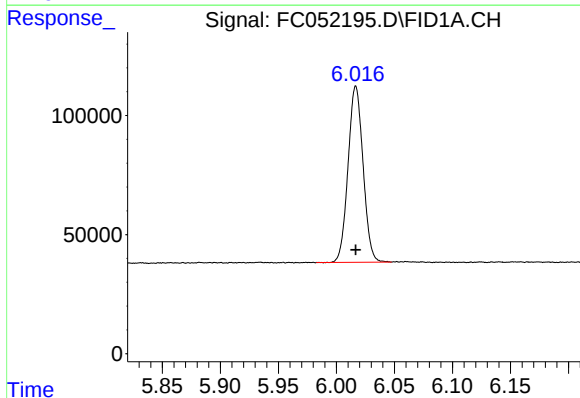
R.T.: 3.357 min
Delta R.T.: 0.000 min
Response: 594014
Conc: 5.05 ug/ml

Instrument :
FID_C
ClientSampleId :



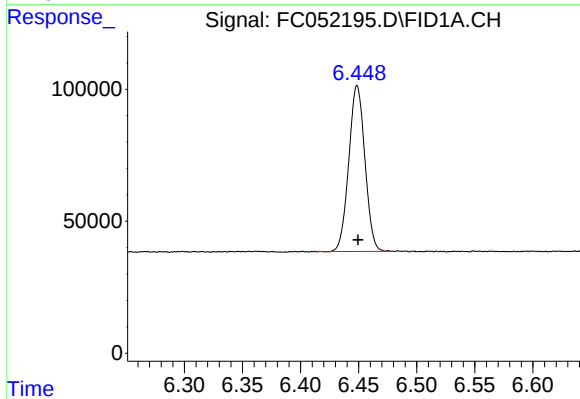
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 595861
Conc: 5.02 ug/ml



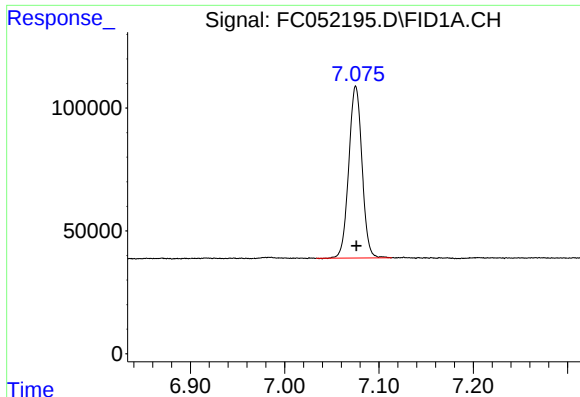
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 665862
Conc: 5.02 ug/ml



#4 n-Dodecane (C12)

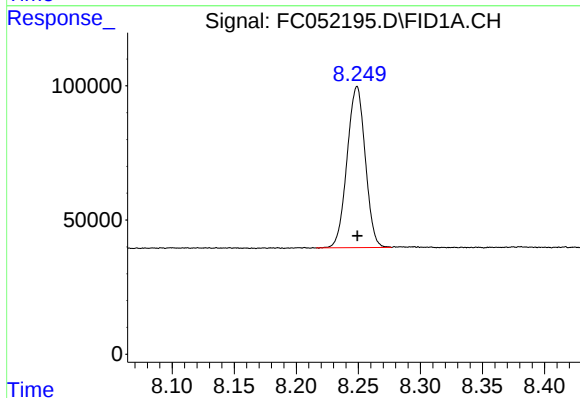
R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 607896
Conc: 5.04 ug/ml



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

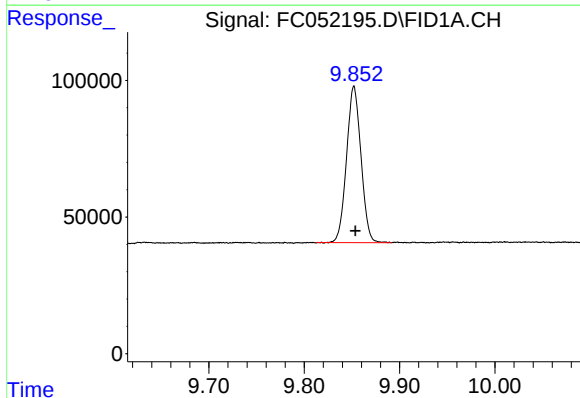
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 682362
Conc: 5.03 ug/ml

Instrument :
FID_C
ClientSampleId :



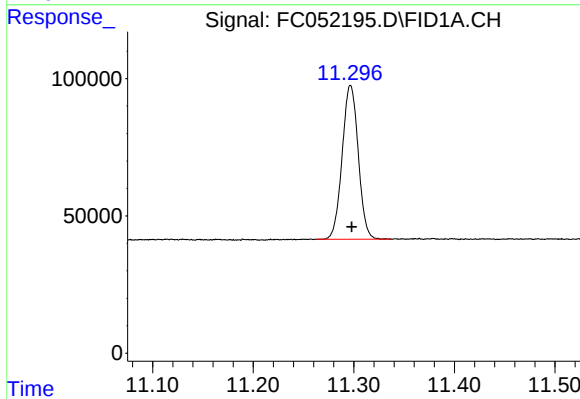
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 611845
Conc: 5.06 ug/ml



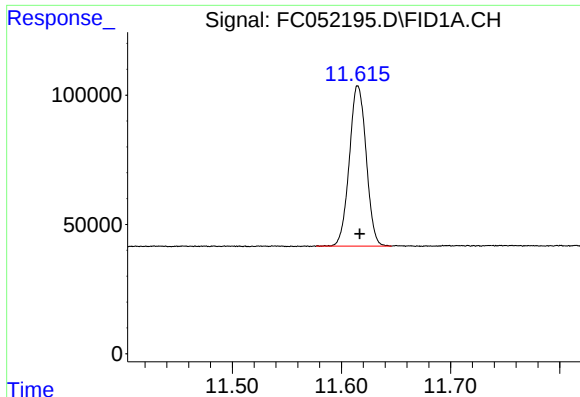
#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: -0.002 min
Response: 603848
Conc: 5.06 ug/ml



#8 n-Octadecane (C18)

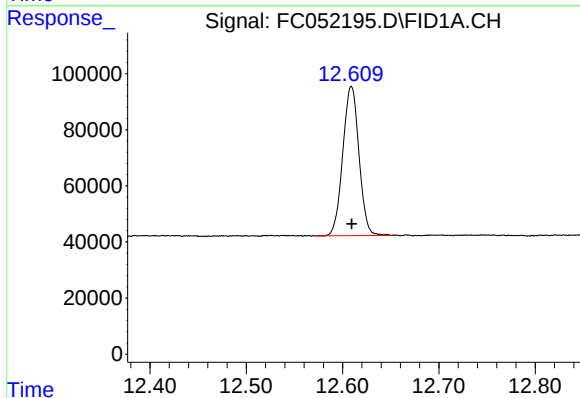
R.T.: 11.297 min
Delta R.T.: -0.001 min
Response: 622003
Conc: 5.03 ug/ml



#9 ortho-Terphenyl (SURR)

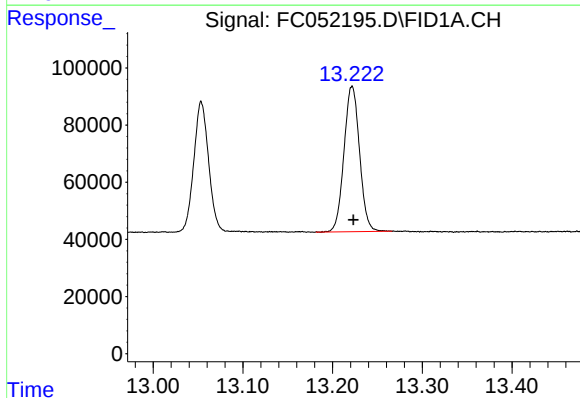
R.T.: 11.615 min
Delta R.T.: -0.002 min
Response: 664618
Conc: 5.05 ug/ml

Instrument :
FID_C
ClientSampleId :



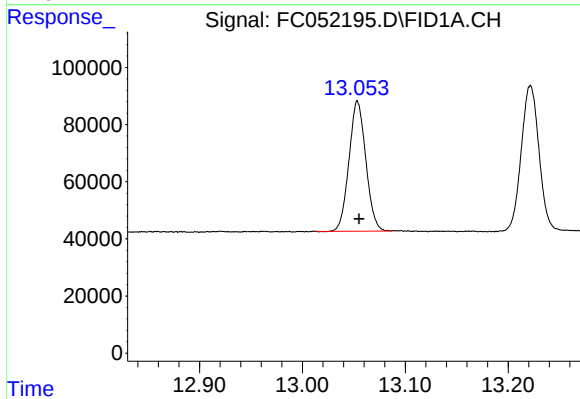
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 617862
Conc: 5.02 ug/ml



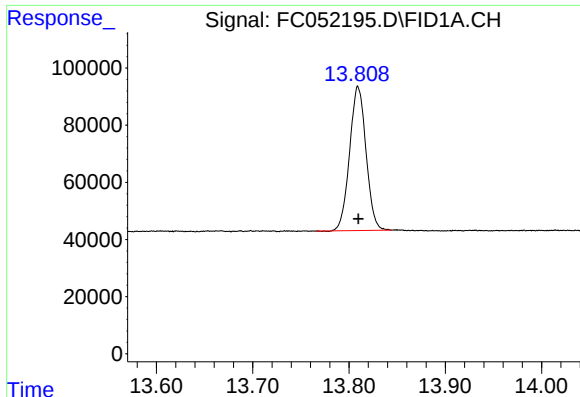
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: -0.002 min
Response: 612200
Conc: 5.02 ug/ml



#12 1-chlorooctadecane (SURR)

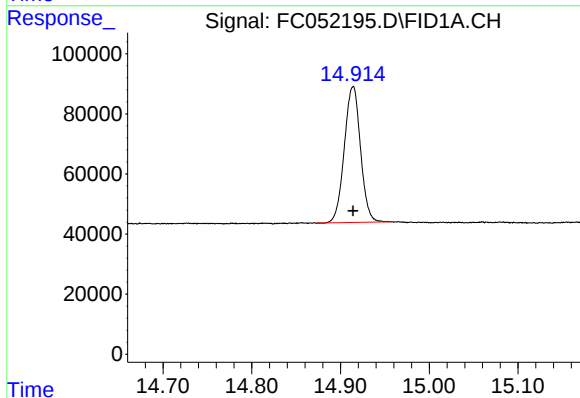
R.T.: 13.054 min
Delta R.T.: -0.001 min
Response: 517877
Conc: 4.97 ug/ml



#13 n-Docosane (C22)

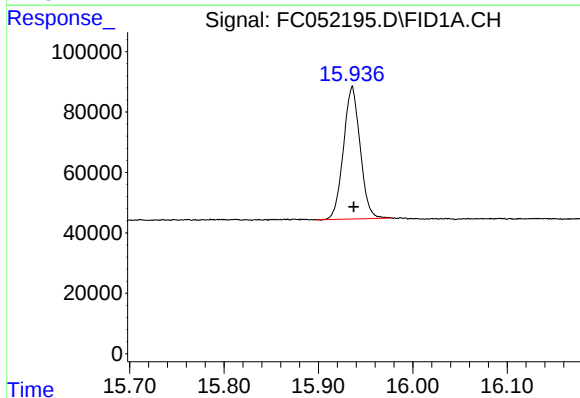
R.T.: 13.809 min
Delta R.T.: 0.000 min
Response: 595549
Conc: 4.94 ug/ml

Instrument :
FID_C
ClientSampleId :



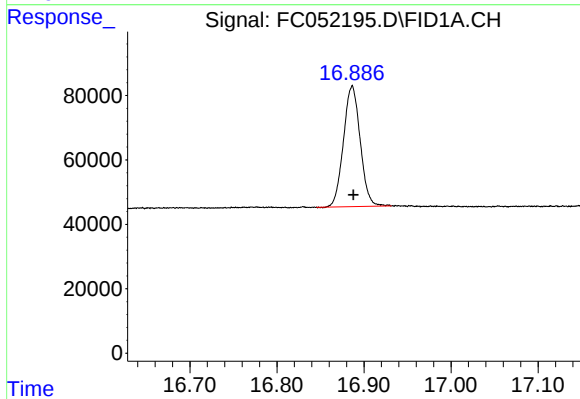
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: 0.000 min
Response: 574276
Conc: 4.91 ug/ml



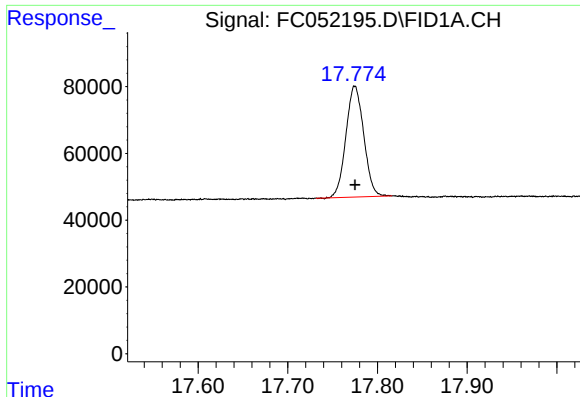
#15 n-Hexacosane (C26)

R.T.: 15.936 min
Delta R.T.: -0.002 min
Response: 537693
Conc: 4.87 ug/ml



#16 n-Octacosane (C28)

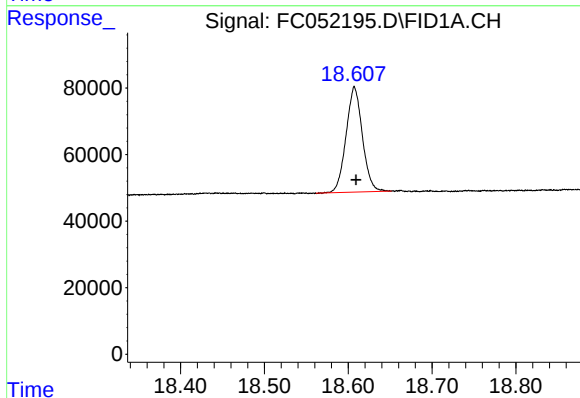
R.T.: 16.886 min
Delta R.T.: -0.002 min
Response: 501074
Conc: 4.86 ug/ml



#17 n-Tricontane (C30)

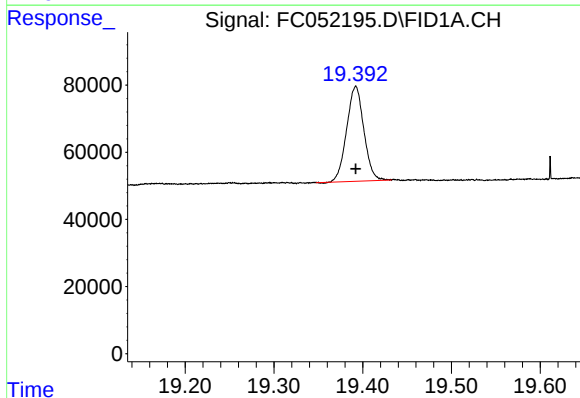
R.T.: 17.775 min
Delta R.T.: 0.000 min
Response: 458956
Conc: 4.85 ug/ml

Instrument :
FID_C
ClientSampleId :



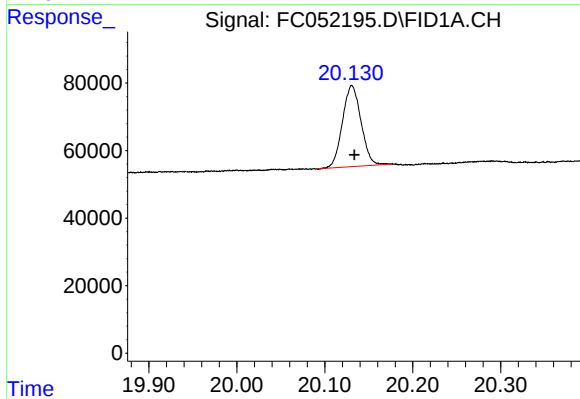
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: -0.002 min
Response: 429016
Conc: 5.03 ug/ml



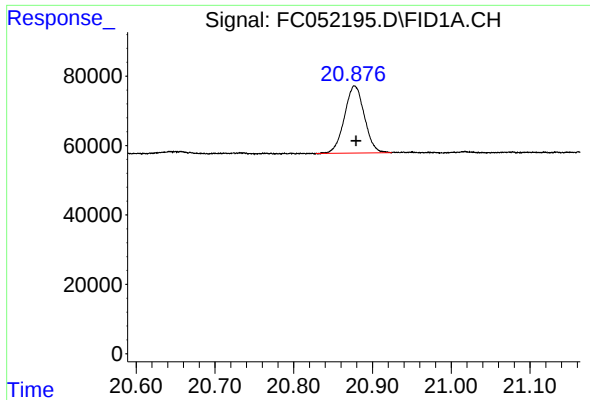
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: 0.000 min
Response: 381038
Conc: 4.89 ug/ml



#20 n-Hexatriacontane (C36)

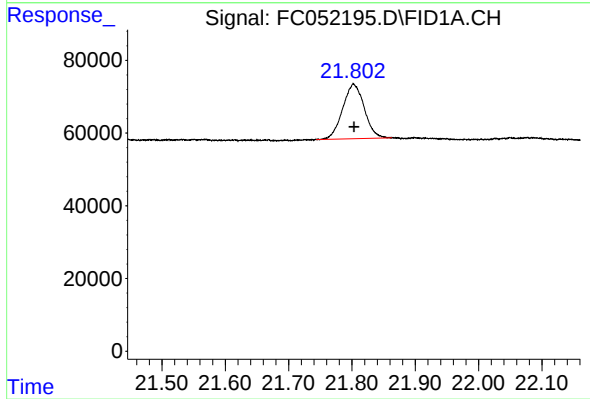
R.T.: 20.131 min
Delta R.T.: -0.003 min
Response: 352013
Conc: 4.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.877 min
Delta R.T.: -0.002 min
Response: 340685
Conc: 4.97 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.802 min
Delta R.T.: -0.001 min
Response: 356092
Conc: 4.94 ug/ml