

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022219AL\
 Data File : FC039357.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2019 15:04
 Operator : AJ\SJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: sample.E
 Quant Time: Feb 23 01:29:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 23 01:28:09 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)	11.183	8060602	47.290 ug/ml
Spiked Amount 50.000		Recovery =	94.58%
12) S 1-chlorooctadecane (S...	12.626	6061023	47.386 ug/ml
Spiked Amount 50.000		Recovery =	94.77%
Target Compounds			
1) T n-Nonane (C9)	3.046	5830521	50.207 ug/ml
2) T n-Decane (C10)	4.094	5911997	50.309 ug/ml
3) T A-Naphthalene (C11.7)	5.645	6590392	51.511 ug/ml
4) T n-Dodecane (C12)	6.093	5988505	49.777 ug/ml
5) T A~2-methylnaphthalene...	6.692	6574748	51.865 ug/ml
6) T n-Tetradecane (C14)	7.871	6128389	48.762 ug/ml
7) T n-Hexadecane (C16)	9.459	6168382	47.559 ug/ml
8) T n-Octadecane (C18)	10.889	6209929	46.230 ug/ml
10) T n-Eicosane (C20)	12.189	6171416	46.844 ug/ml
11) T n-Heneicosane (C21)	12.796	6074990	47.458 ug/ml
13) T n-Docosane (C22)	13.378	6070926	47.827 ug/ml
14) T n-Tetracosane (C24)	14.475	6082054	49.039 ug/ml
15) T n-Hexacosane (C26)	15.489	6064186	50.593 ug/ml
16) T n-Octacosane (C28)	16.434	6270598	50.434 ug/ml
17) T n-Tricontane (C30)	17.317	6427189	48.713 ug/ml
18) T n-Dotriacontane (C32)	18.145	6081264	50.288 ug/ml
19) T n-Tetratriacontane (C34)	18.923	5404465	52.281 ug/ml
20) T n-Hexatriacontane (C36)	19.661	4762345	53.443 ug/ml
21) T n-Octatriacontane (C38)	20.356	4530729	54.216 ug/ml
22) T n-Tetracontane (C40)	21.126	4549583	54.527 ug/ml

(f)=RT Delta > 1/2 Window

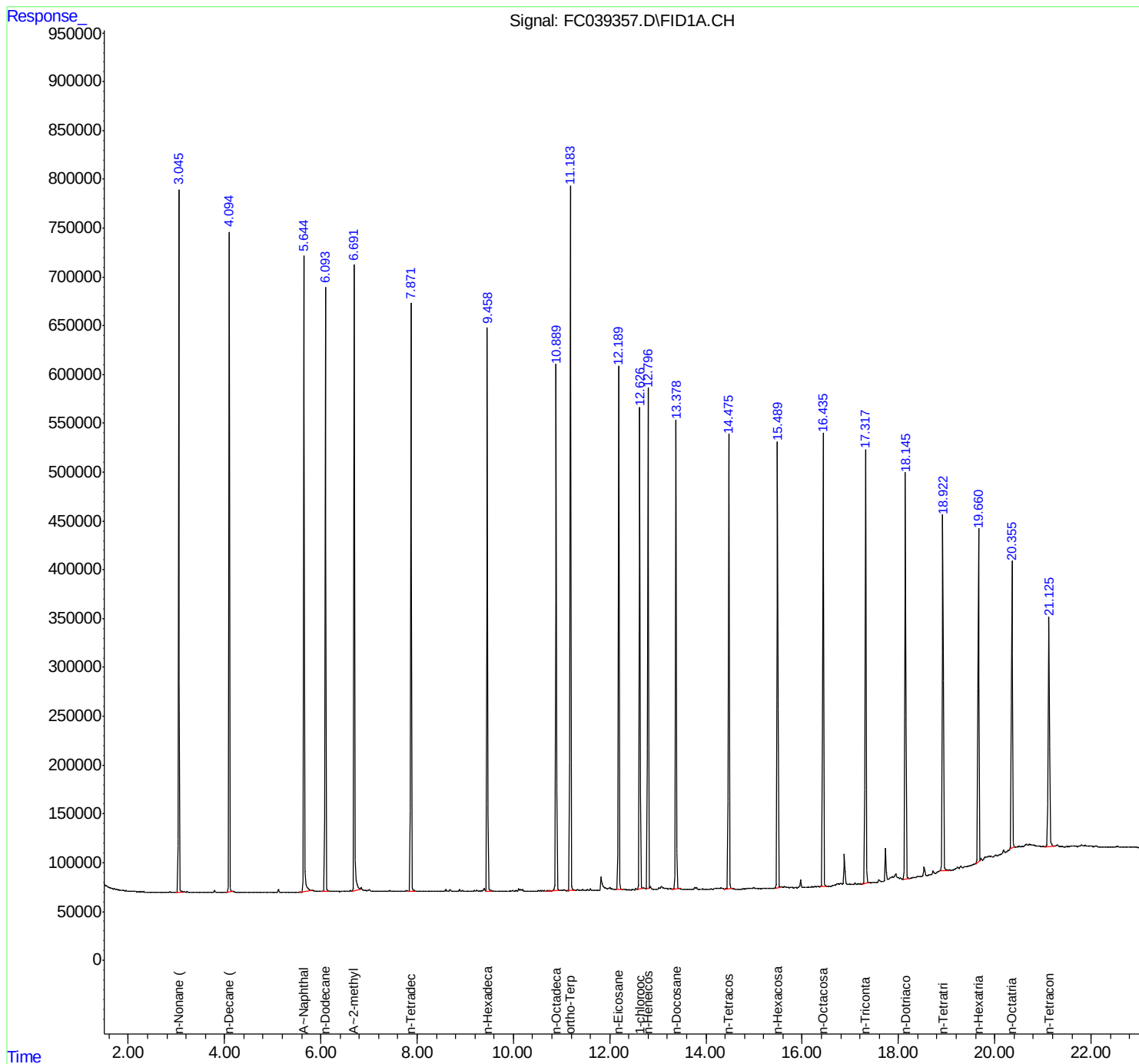
(m)=manual int.

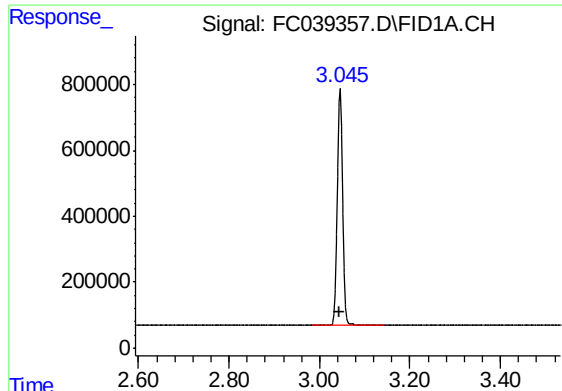
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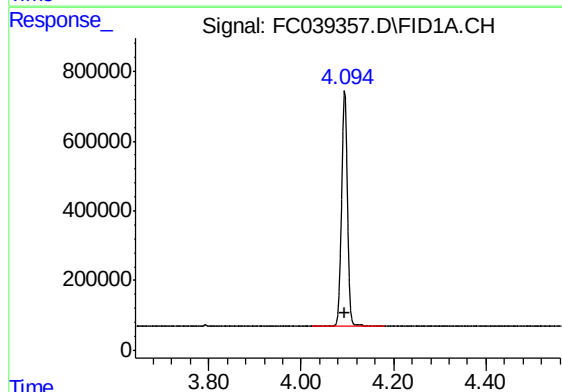




#1 n-Nonane (C9)

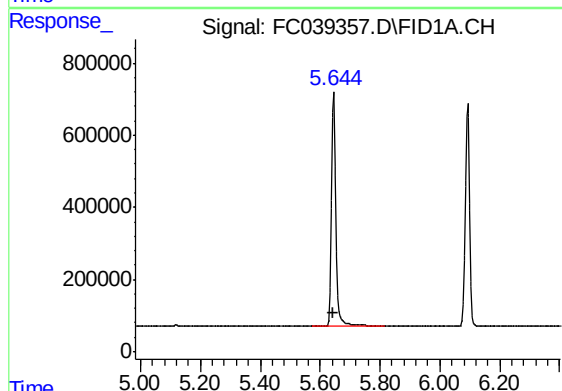
R.T.: 3.046 min
Delta R.T.: 0.000 min
Response: 5830521
Conc: 50.21 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



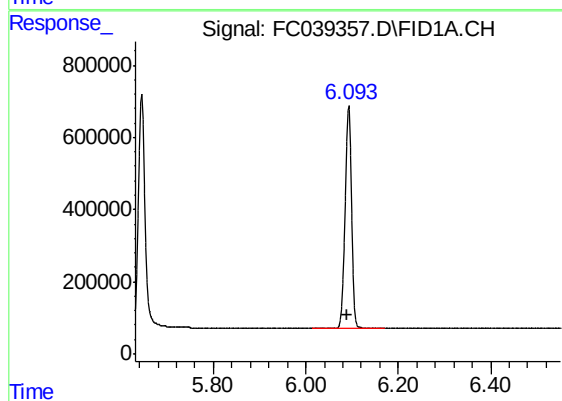
#2 n-Decane (C10)

R.T.: 4.094 min
Delta R.T.: 0.000 min
Response: 5911997
Conc: 50.31 ug/ml



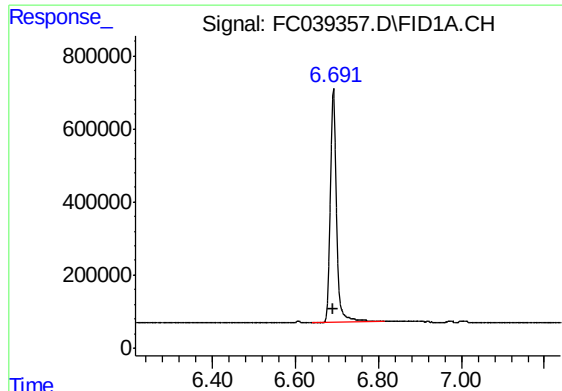
#3 A~Naphthalene (C11.7)

R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 6590392
Conc: 51.51 ug/ml



#4 n-Dodecane (C12)

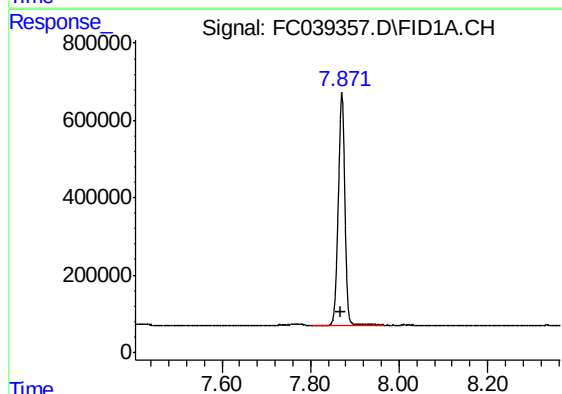
R.T.: 6.093 min
Delta R.T.: 0.002 min
Response: 5988505
Conc: 49.78 ug/ml



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

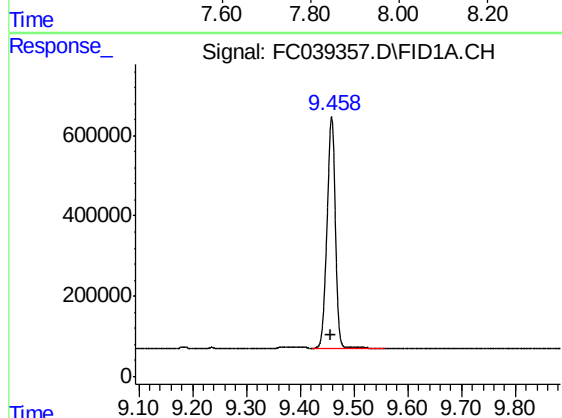
R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 6574748
Conc: 51.86 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



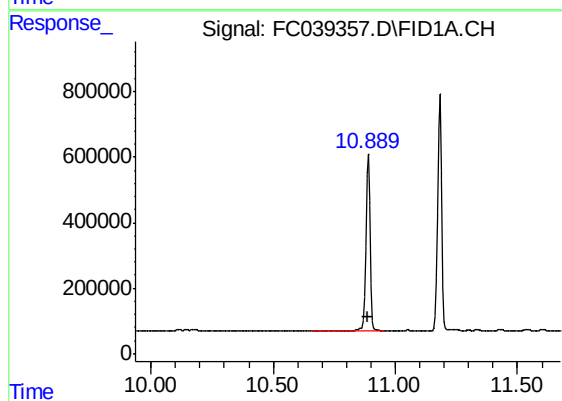
#6 n-Tetradecane (C14)

R.T.: 7.871 min
Delta R.T.: 0.002 min
Response: 6128389
Conc: 48.76 ug/ml



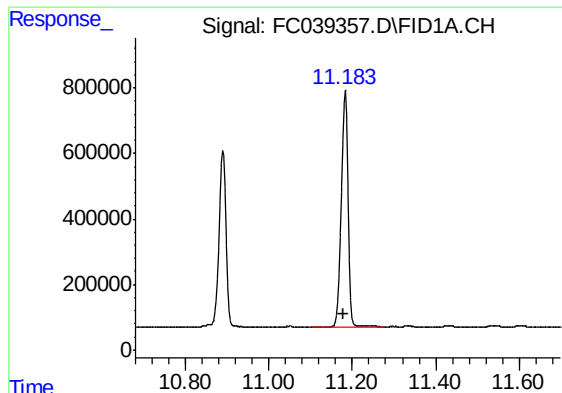
#7 n-Hexadecane (C16)

R.T.: 9.459 min
Delta R.T.: 0.003 min
Response: 6168382
Conc: 47.56 ug/ml



#8 n-Octadecane (C18)

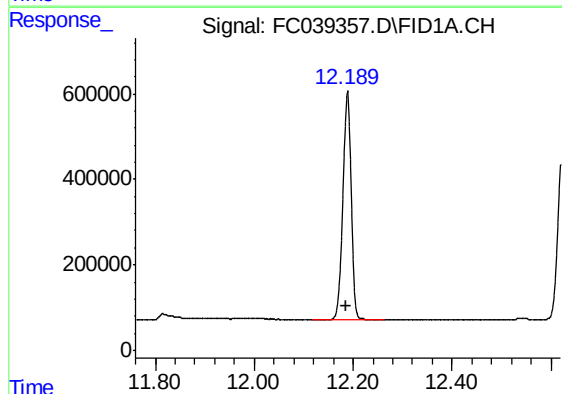
R.T.: 10.889 min
Delta R.T.: 0.004 min
Response: 6209929
Conc: 46.23 ug/ml



#9 ortho-Terphenyl (SURR)

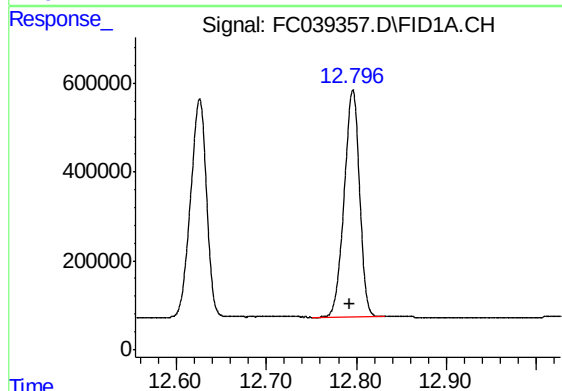
R.T.: 11.183 min
Delta R.T.: 0.004 min
Response: 8060602
Conc: 47.29 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



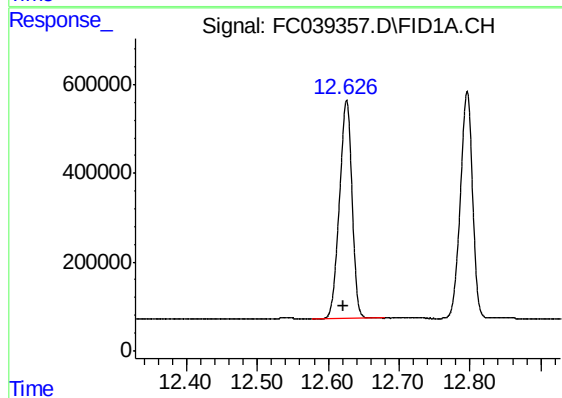
#10 n-Eicosane (C20)

R.T.: 12.189 min
Delta R.T.: 0.003 min
Response: 6171416
Conc: 46.84 ug/ml



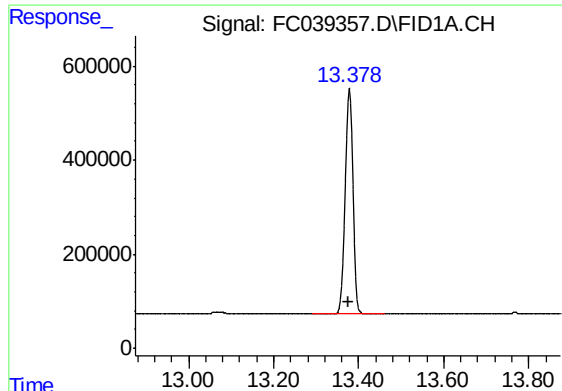
#11 n-Heneicosane (C21)

R.T.: 12.796 min
Delta R.T.: 0.003 min
Response: 6074990
Conc: 47.46 ug/ml



#12 1-chlorooctadecane (SURR)

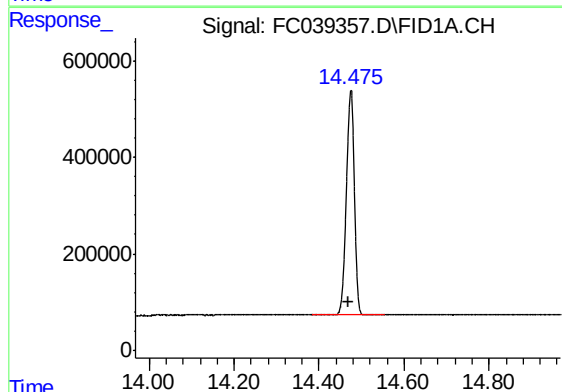
R.T.: 12.626 min
Delta R.T.: 0.004 min
Response: 6061023
Conc: 47.39 ug/ml



#13 n-Docosane (C22)

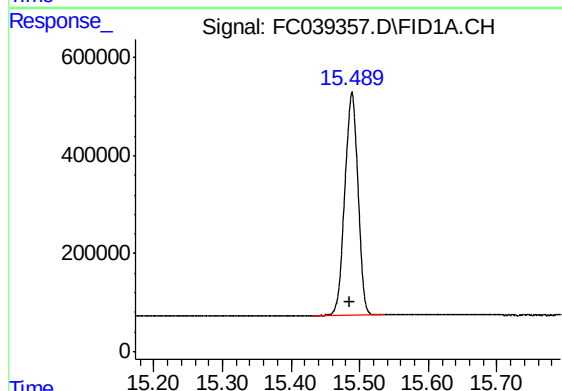
R.T.: 13.378 min
Delta R.T.: 0.002 min
Response: 6070926
Conc: 47.83 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



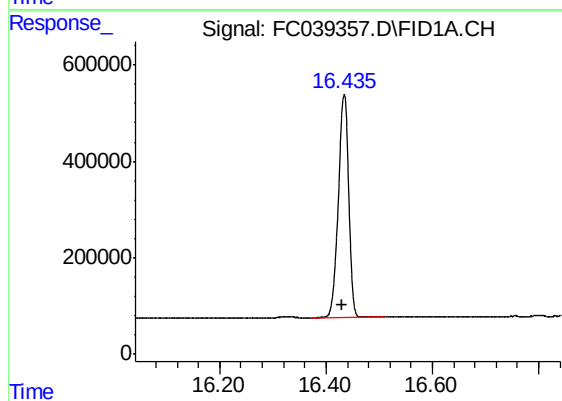
#14 n-Tetracosane (C24)

R.T.: 14.475 min
Delta R.T.: 0.004 min
Response: 6082054
Conc: 49.04 ug/ml



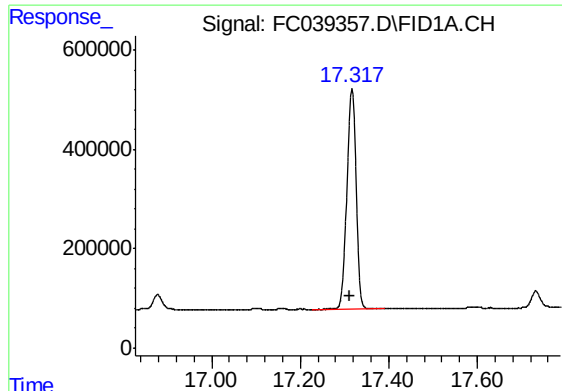
#15 n-Hexacosane (C26)

R.T.: 15.489 min
Delta R.T.: 0.003 min
Response: 6064186
Conc: 50.59 ug/ml



#16 n-Octacosane (C28)

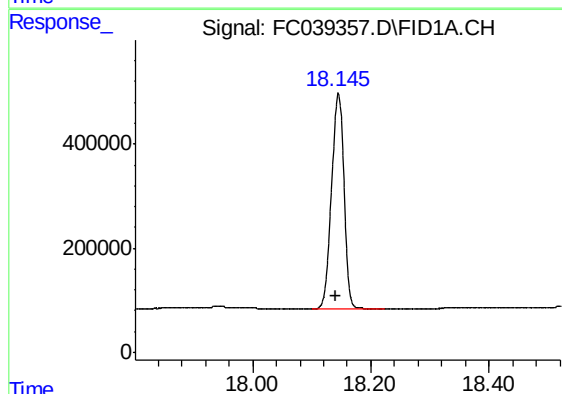
R.T.: 16.434 min
Delta R.T.: 0.004 min
Response: 6270598
Conc: 50.43 ug/ml



#17 n-Tricontane (C30)

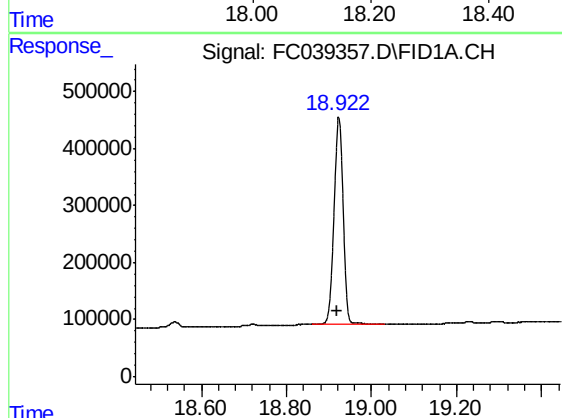
R.T.: 17.317 min
Delta R.T.: 0.004 min
Response: 6427189
Conc: 48.71 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



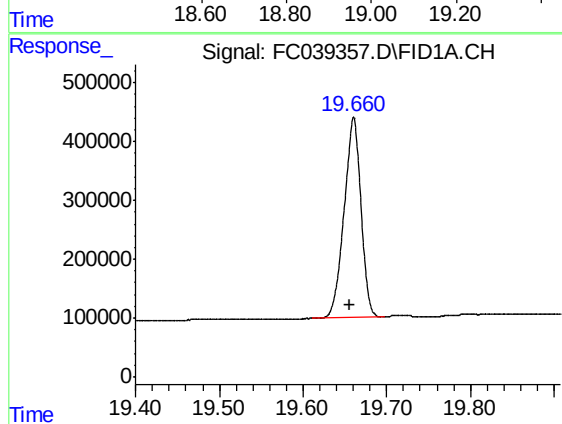
#18 n-Dotriacontane (C32)

R.T.: 18.145 min
Delta R.T.: 0.005 min
Response: 6081264
Conc: 50.29 ug/ml



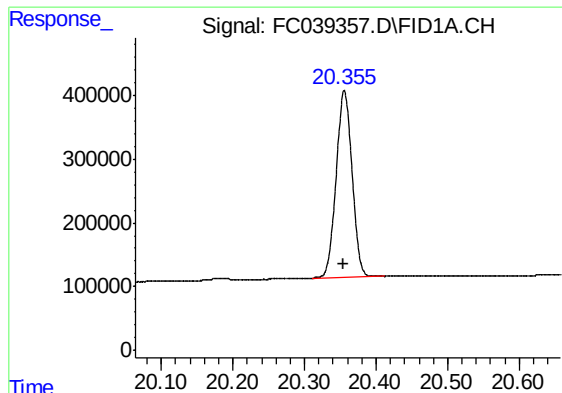
#19 n-Tetatriacontane (C34)

R.T.: 18.923 min
Delta R.T.: 0.004 min
Response: 5404465
Conc: 52.28 ug/ml



#20 n-Hexatriacontane (C36)

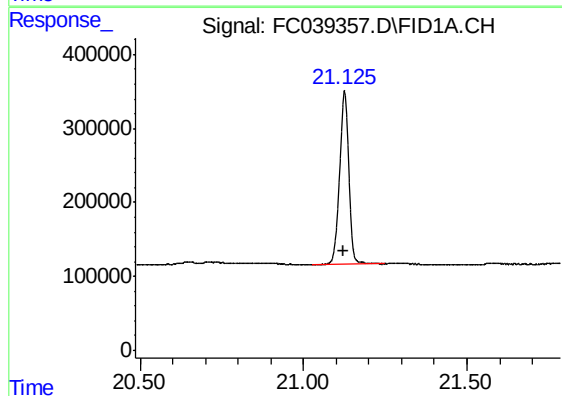
R.T.: 19.661 min
Delta R.T.: 0.005 min
Response: 4762345
Conc: 53.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.356 min
Delta R.T.: 0.002 min
Response: 4530729
Conc: 54.22 ug/ml

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FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.126 min
Delta R.T.: 0.005 min
Response: 4549583
Conc: 54.53 ug/ml