

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080720AL\
 Data File : FC048905.D
 Signal(s) : FID1A.CH
 Acq On : 07 Aug 2020 17:58
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 02:33:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:32:08 2020
 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)	11.678	5860064	47.901 ug/ml
Spiked Amount 50.000		Recovery =	95.80%
12) S 1-chlorooctadecane (S...	13.110	4801476	47.908 ug/ml
Spiked Amount 50.000		Recovery =	95.82%
Target Compounds			
1) T n-Nonane (C9)	3.411	5132355	47.745 ug/ml
2) T n-Decane (C10)	4.486	5165674	47.775 ug/ml
3) T A~Naphthalene (C11.7)	6.082	5825011	47.827 ug/ml
4) T n-Dodecane (C12)	6.511	5225173	47.825 ug/ml
5) T A~2-methylnaphthalene...	7.142	5954807	47.864 ug/ml
6) T n-Tetradecane (C14)	8.309	5216442	47.952 ug/ml
7) T n-Hexadecane (C16)	9.912	5176475	47.889 ug/ml
8) T n-Octadecane (C18)	11.355	5431125	47.932 ug/ml
10) T n-Eicosane (C20)	12.664	5495385	47.892 ug/ml
11) T n-Heneicosane (C21)	13.277	5523528	48.013 ug/ml
13) T n-Docosane (C22)	13.862	5543699	47.910 ug/ml
14) T n-Tetracosane (C24)	14.963	5615038	47.979 ug/ml
15) T n-Hexacosane (C26)	15.984	5647346	48.001 ug/ml
16) T n-Octacosane (C28)	16.932	5729459	48.042 ug/ml
17) T n-Tricontane (C30)	17.816	5677543	48.021 ug/ml
18) T n-Dotriacontane (C32)	18.646	5287013	47.819 ug/ml
19) T n-Tetratriacontane (C34)	19.428	5068220	47.628 ug/ml
20) T n-Hexatriacontane (C36)	20.164	4852445	47.459 ug/ml
21) T n-Octatriacontane (C38)	20.918	4606534	47.143 ug/ml
22) T n-Tetracontane (C40)	21.867	4648889	46.763 ug/ml

(f)=RT Delta > 1/2 Window

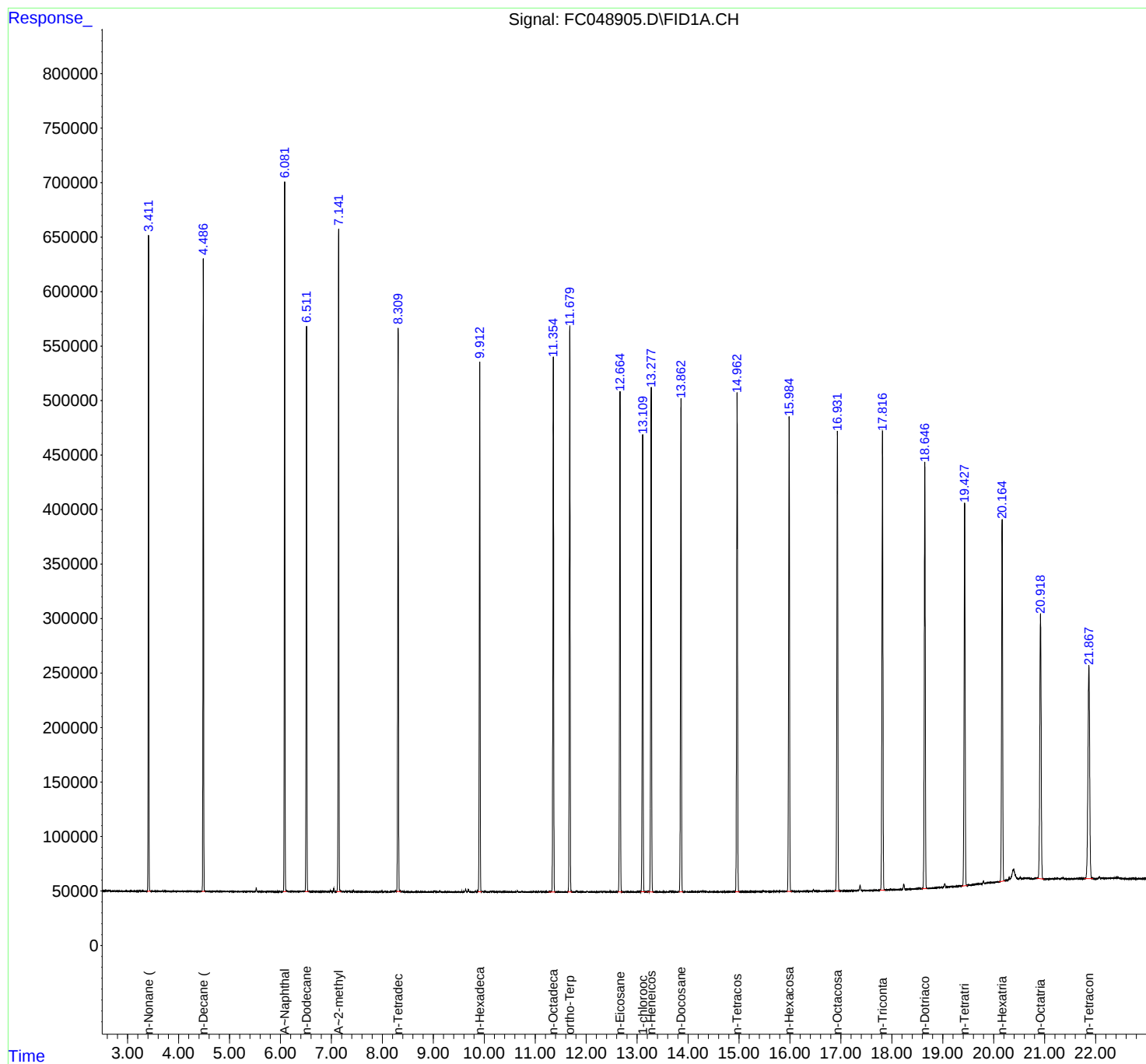
(m)=manual int.

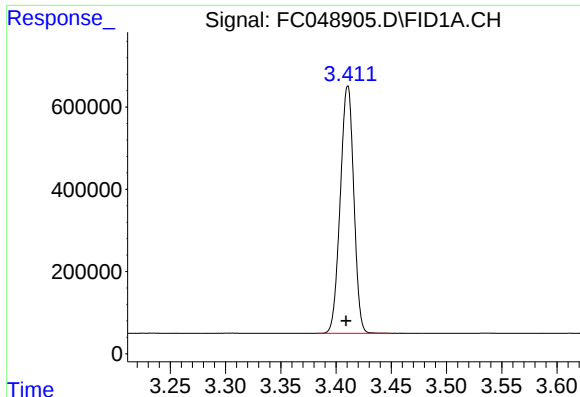
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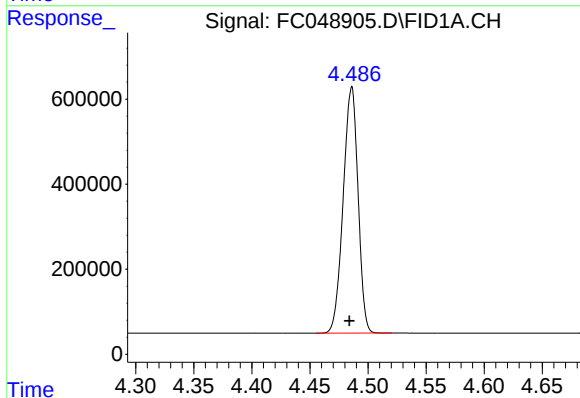




#1 n-Nonane (C9)

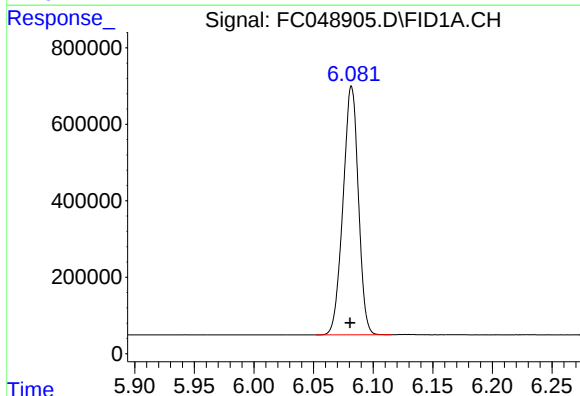
R.T.: 3.411 min
Delta R.T.: 0.002 min
Response: 5132355
Conc: 47.75 ug/ml

Instrument :
FID_C
ClientSampleId :



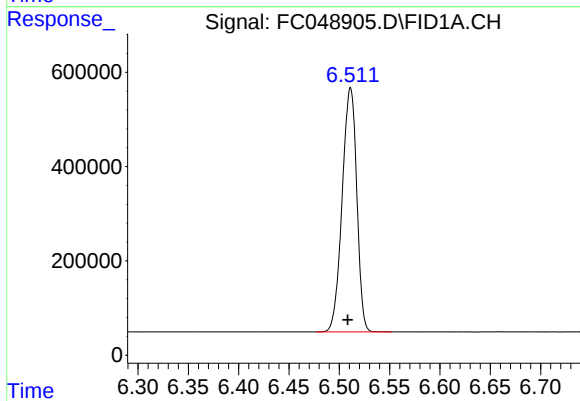
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: 0.002 min
Response: 5165674
Conc: 47.78 ug/ml



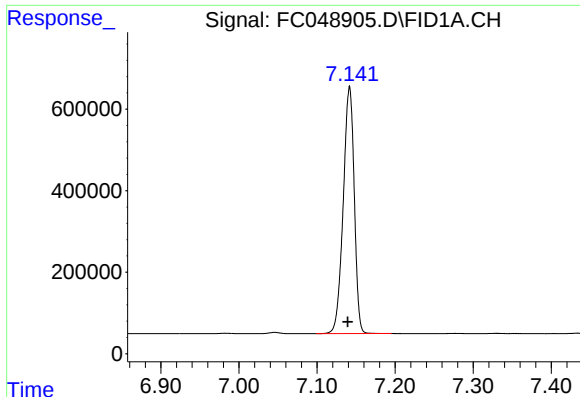
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: 0.001 min
Response: 5825011
Conc: 47.83 ug/ml



#4 n-Dodecane (C12)

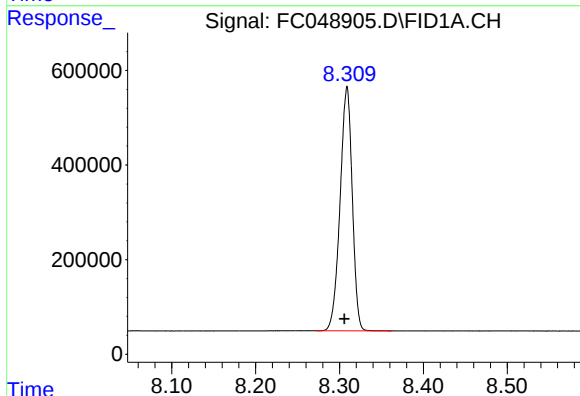
R.T.: 6.511 min
Delta R.T.: 0.003 min
Response: 5225173
Conc: 47.83 ug/ml



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

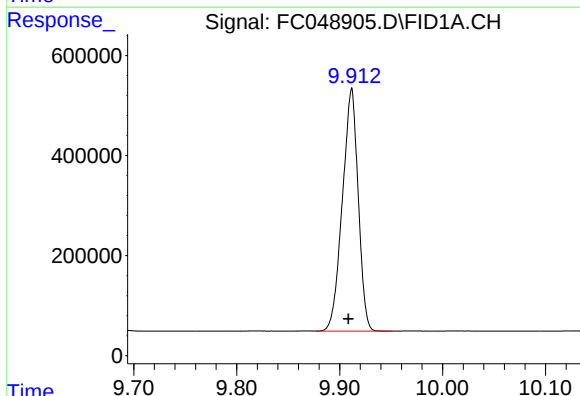
R.T.: 7.142 min
Delta R.T.: 0.003 min
Response: 5954807
Conc: 47.86 ug/ml

Instrument :
FID_C
ClientSampleId :



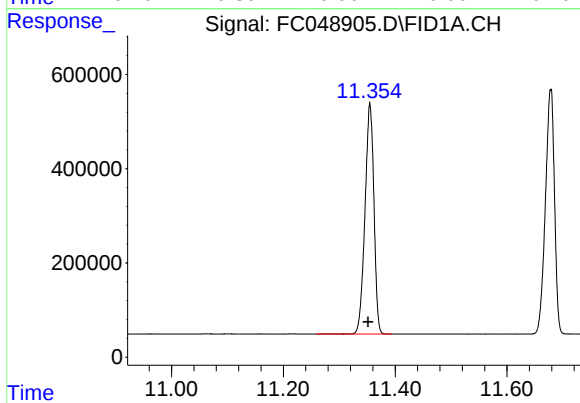
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 5216442
Conc: 47.95 ug/ml



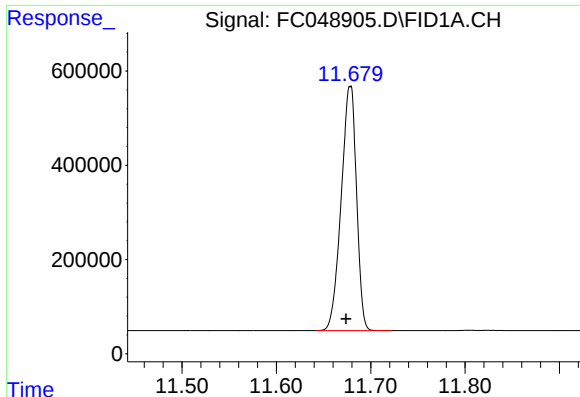
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.003 min
Response: 5176475
Conc: 47.89 ug/ml



#8 n-Octadecane (C18)

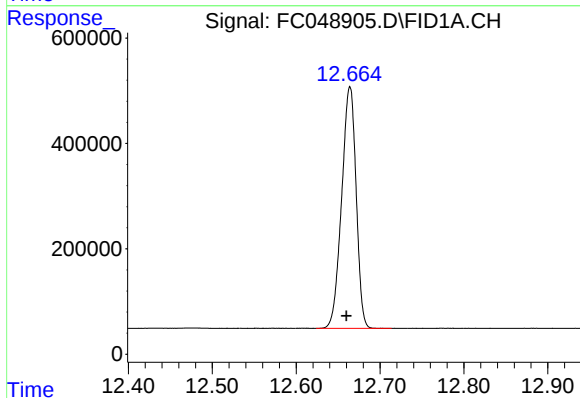
R.T.: 11.355 min
Delta R.T.: 0.004 min
Response: 5431125
Conc: 47.93 ug/ml



#9 ortho-Terphenyl (SURR)

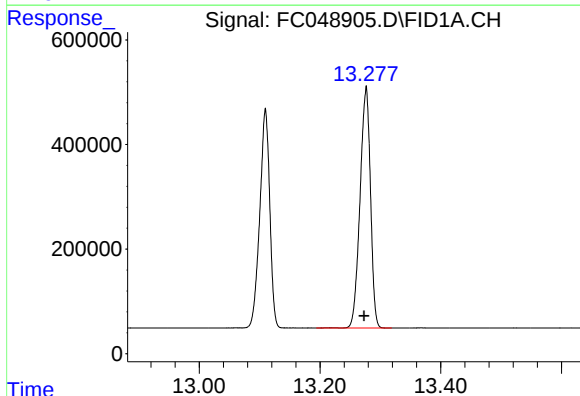
R.T.: 11.678 min
Delta R.T.: 0.004 min
Response: 5860064
Conc: 47.90 ug/ml

Instrument :
FID_C
ClientSampleId :



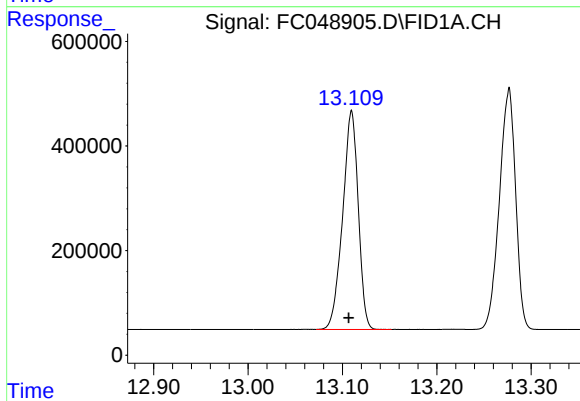
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: 0.004 min
Response: 5495385
Conc: 47.89 ug/ml



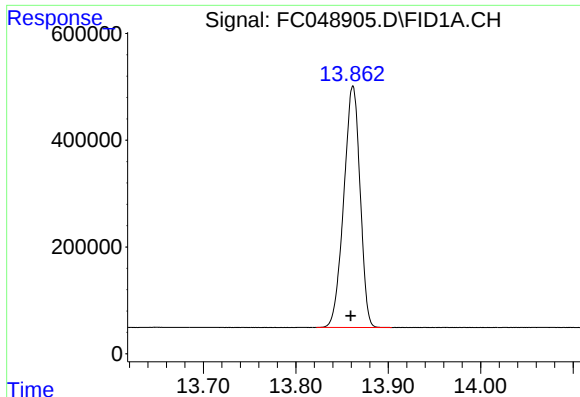
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: 0.004 min
Response: 5523528
Conc: 48.01 ug/ml



#12 1-chlorooctadecane (SURR)

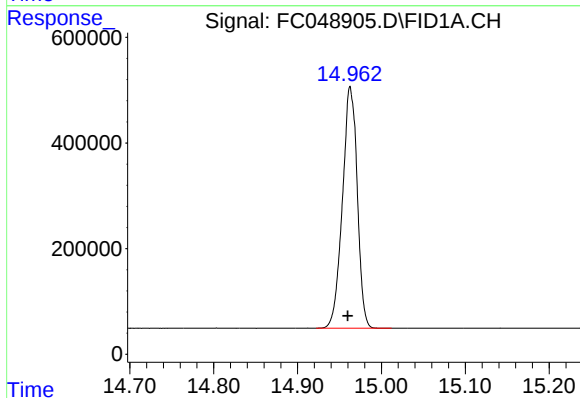
R.T.: 13.110 min
Delta R.T.: 0.003 min
Response: 4801476
Conc: 47.91 ug/ml



#13 n-Docosane (C22)

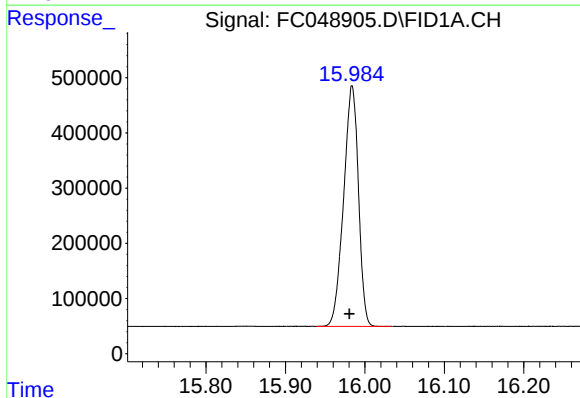
R.T.: 13.862 min
Delta R.T.: 0.002 min
Response: 5543699
Conc: 47.91 ug/ml

Instrument :
FID_C
ClientSampleId :



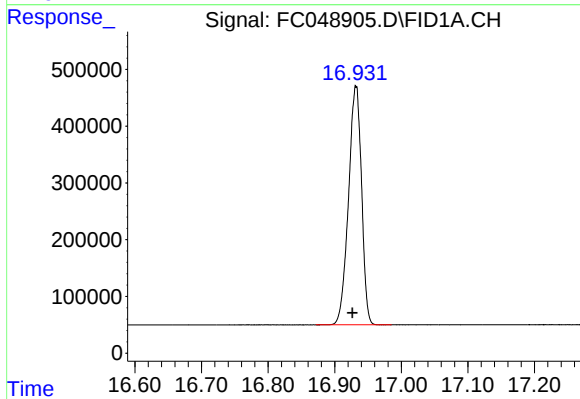
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: 0.003 min
Response: 5615038
Conc: 47.98 ug/ml



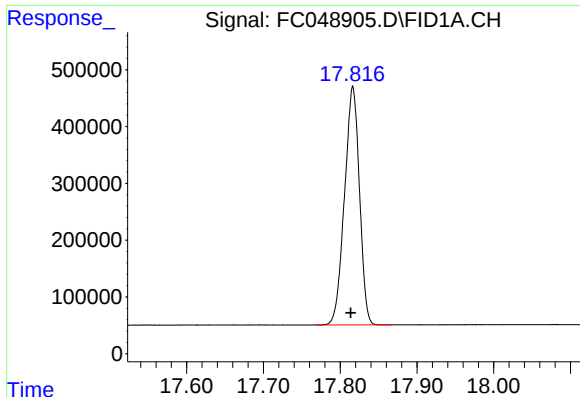
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.004 min
Response: 5647346
Conc: 48.00 ug/ml



#16 n-Octacosane (C28)

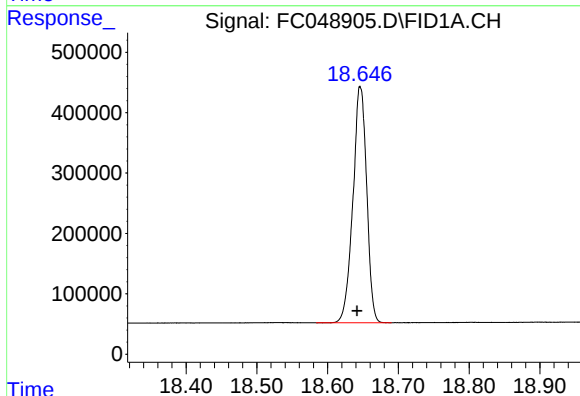
R.T.: 16.932 min
Delta R.T.: 0.005 min
Response: 5729459
Conc: 48.04 ug/ml



#17 n-Tricontane (C30)

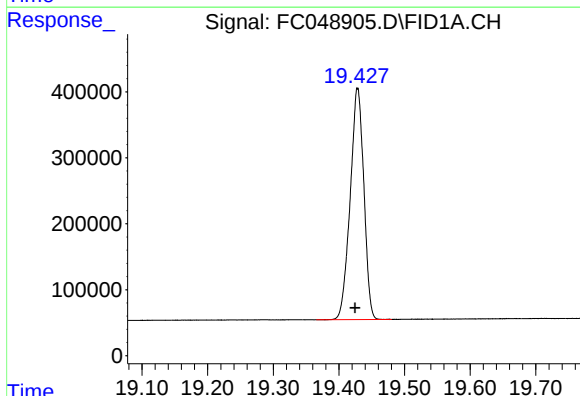
R.T.: 17.816 min
Delta R.T.: 0.003 min
Response: 5677543
Conc: 48.02 ug/ml

Instrument :
FID_C
ClientSampleId :



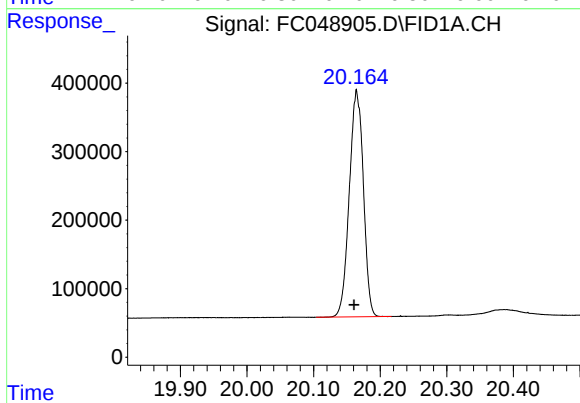
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: 0.004 min
Response: 5287013
Conc: 47.82 ug/ml



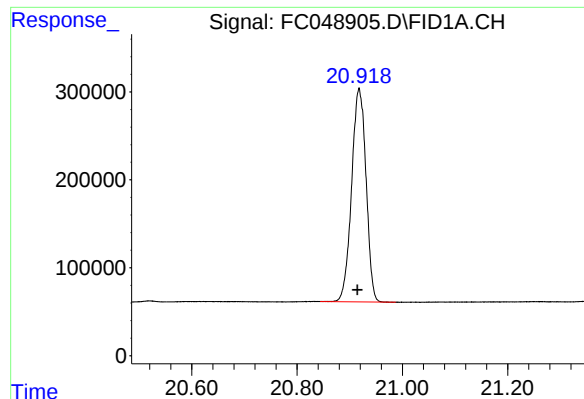
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min
Delta R.T.: 0.004 min
Response: 5068220
Conc: 47.63 ug/ml



#20 n-Hexatriacontane (C36)

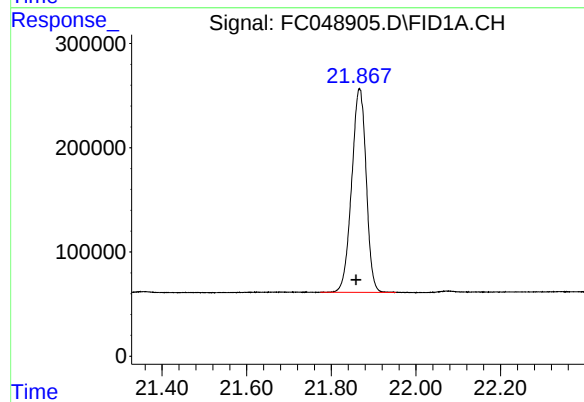
R.T.: 20.164 min
Delta R.T.: 0.004 min
Response: 4852445
Conc: 47.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: 0.004 min
Response: 4606534
Conc: 47.14 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: 0.009 min
Response: 4648889
Conc: 46.76 ug/ml