

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072120AL\
 Data File : FC048554.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jul 2020 11:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 21 12:37:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.679	2575171	18.763 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	13.113	2067941	18.351 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
Target Compounds			
1) T n-Nonane (C9)	3.416	2460594	20.642 ug/ml
2) T n-Decane (C10)	4.489	2492194	20.705 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2788180	20.719 ug/ml
4) T n-Dodecane (C12)	6.514	2530440	20.683 ug/ml
5) T A~2-methylnaphthalene...	7.144	2837690	20.588 ug/ml
6) T n-Tetradecane (C14)	8.312	2519244	20.451 ug/ml
7) T n-Hexadecane (C16)	9.914	2453768	20.045 ug/ml
8) T n-Octadecane (C18)	11.356	2497731	19.516 ug/ml
10) T n-Eicosane (C20)	12.667	2443577	18.893 ug/ml
11) T n-Heneicosane (C21)	13.279	2399886	18.514 ug/ml
13) T n-Docosane (C22)	13.864	2358651	18.166 ug/ml
14) T n-Tetracosane (C24)	14.968	2269601	17.314 ug/ml
15) T n-Hexacosane (C26)	15.988	2164141	16.643 ug/ml
16) T n-Octacosane (C28)	16.935	2091173	16.004 ug/ml
17) T n-Tricontane (C30)	17.819	1992127	15.496 ug/ml
18) T n-Dotriacontane (C32)	18.652	1802682	15.259 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1697996	15.212 ug/ml
20) T n-Hexatriacontane (C36)	20.171	1628560	15.484 ug/ml
21) T n-Octatriacontane (C38)	20.926	1573465	16.028 ug/ml
22) T n-Tetracontane (C40)	21.877	1622572	16.697 ug/ml

(f)=RT Delta > 1/2 Window

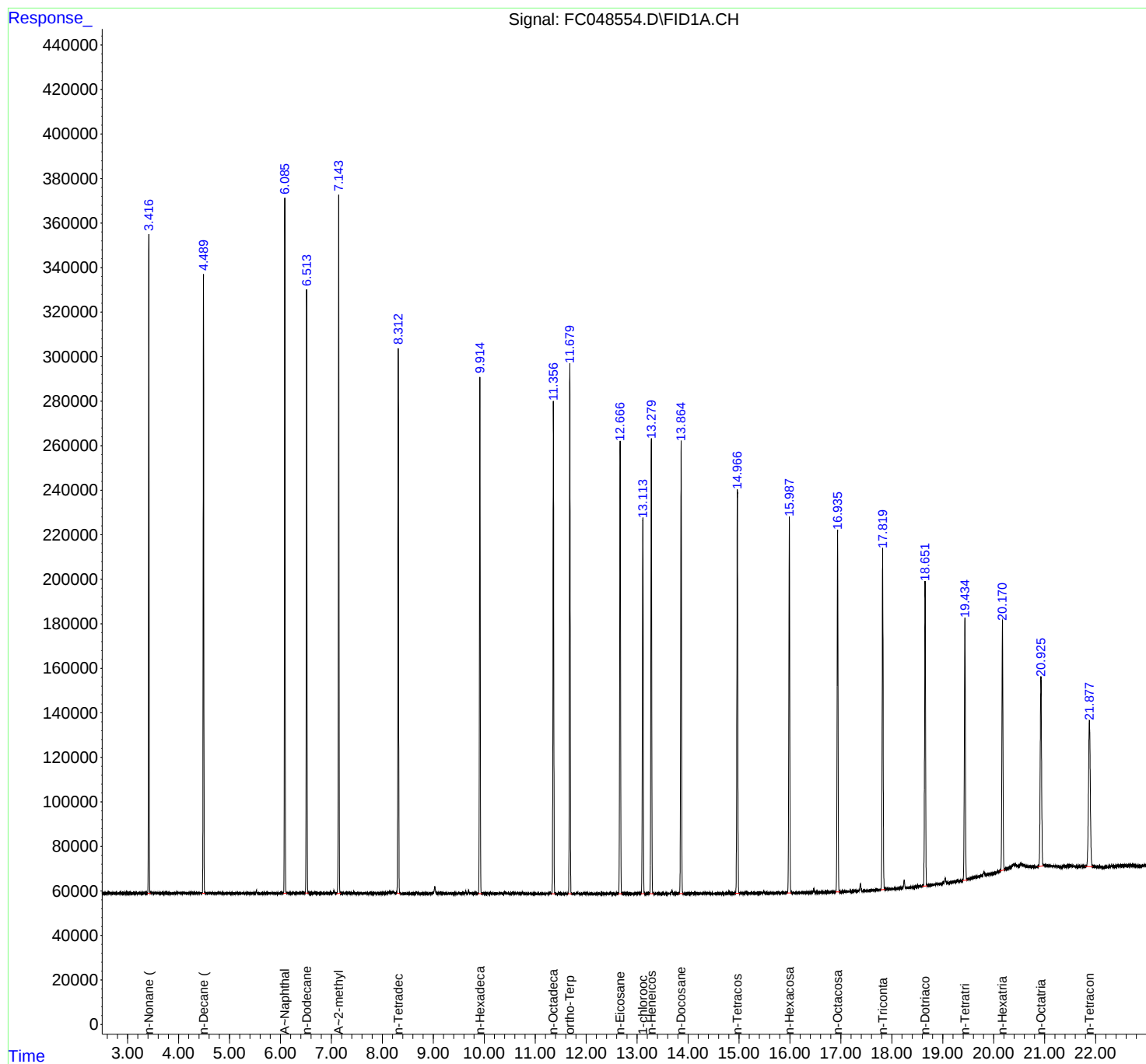
(m)=manual int.

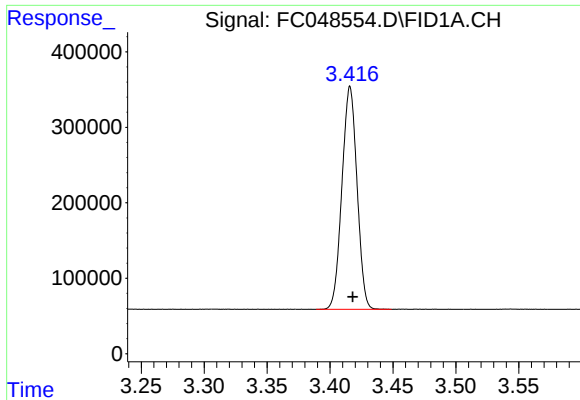
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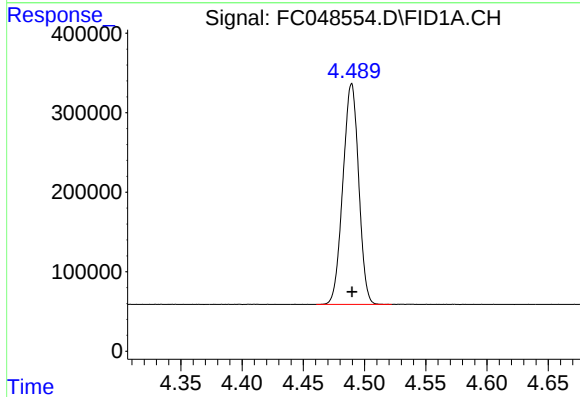




#1 n-Nonane (C9)

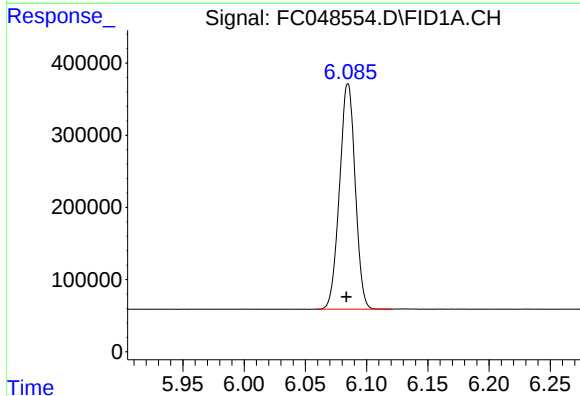
R.T.: 3.416 min
Delta R.T.: -0.002 min
Response: 2460594
Conc: 20.64 ug/ml

Instrument :
FID_C
ClientSampleId :



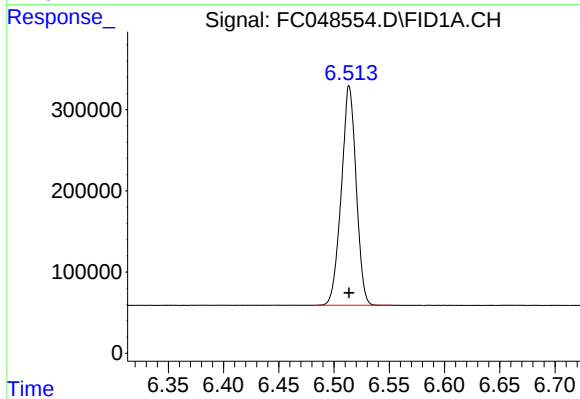
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2492194
Conc: 20.70 ug/ml



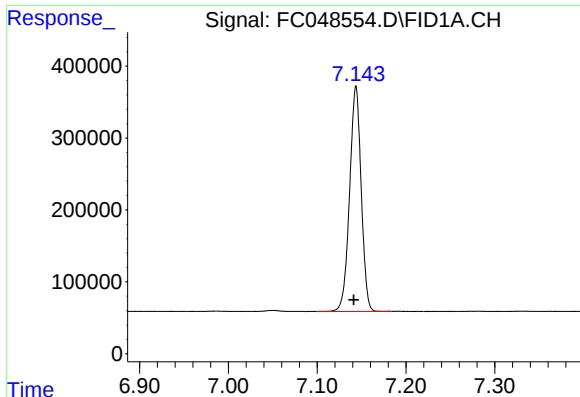
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 2788180
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

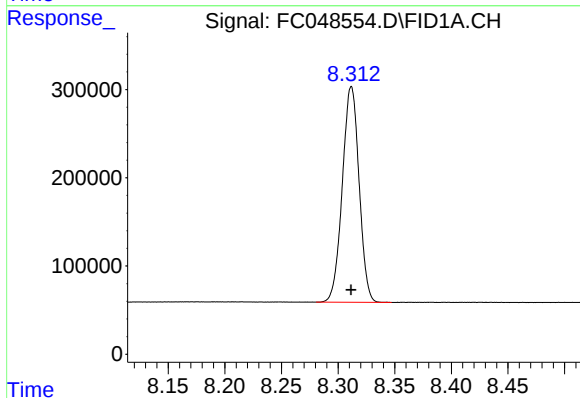
R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2530440
Conc: 20.68 ug/ml



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

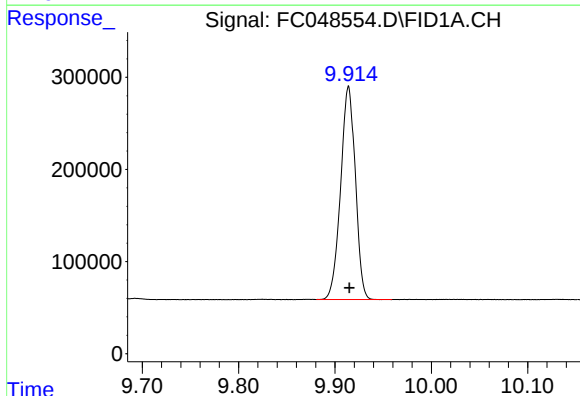
R.T.: 7.144 min
Delta R.T.: 0.002 min
Response: 2837690
Conc: 20.59 ug/ml

Instrument :
FID_C
ClientSampleId :



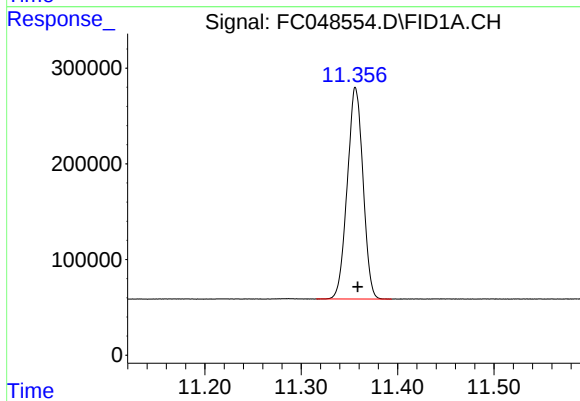
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2519244
Conc: 20.45 ug/ml



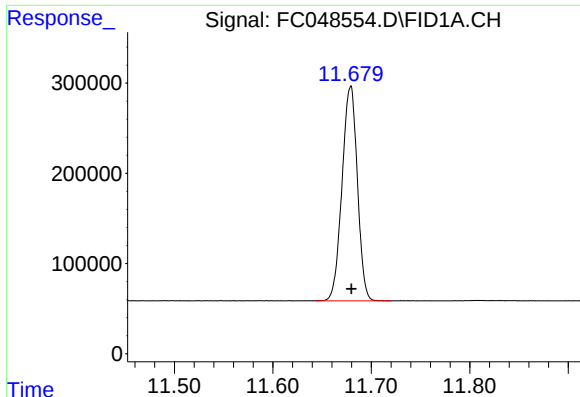
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.001 min
Response: 2453768
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

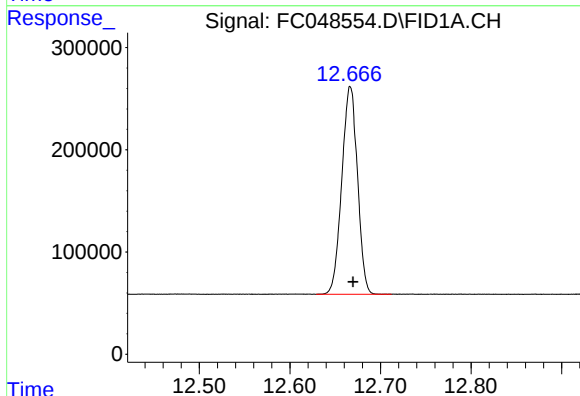
R.T.: 11.356 min
Delta R.T.: -0.002 min
Response: 2497731
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

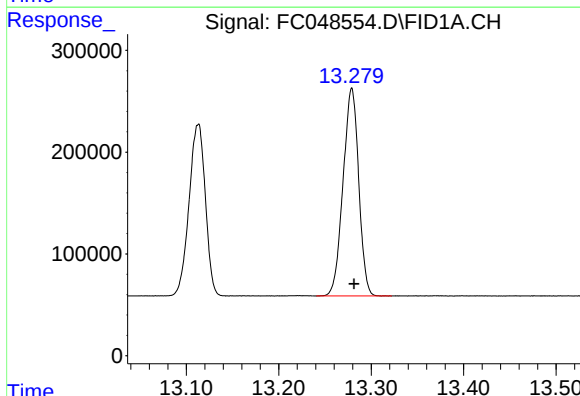
R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2575171
Conc: 18.76 ug/ml

Instrument :
FID_C
ClientSampleId :



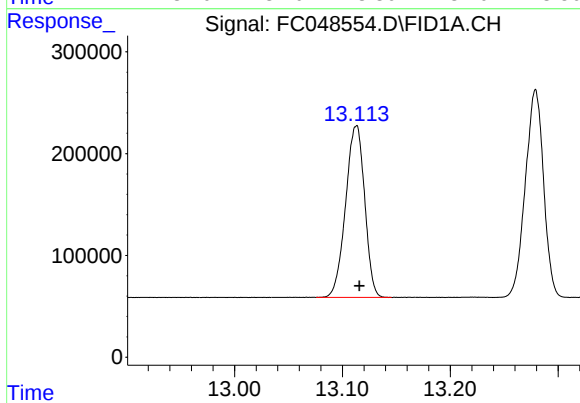
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2443577
Conc: 18.89 ug/ml



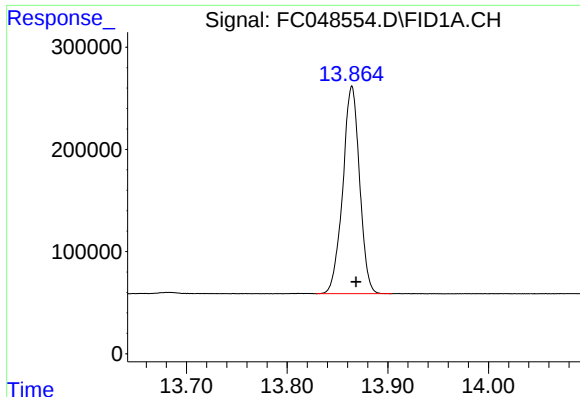
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2399886
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

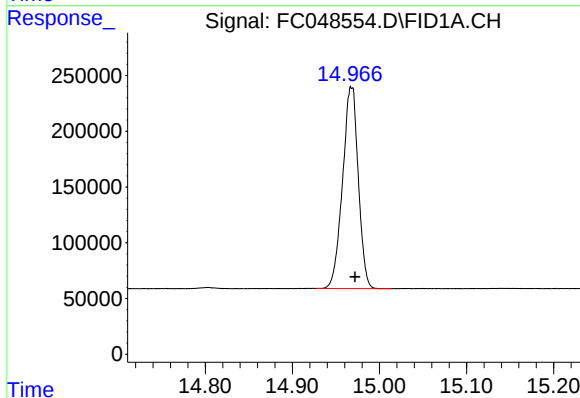
R.T.: 13.113 min
Delta R.T.: -0.003 min
Response: 2067941
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

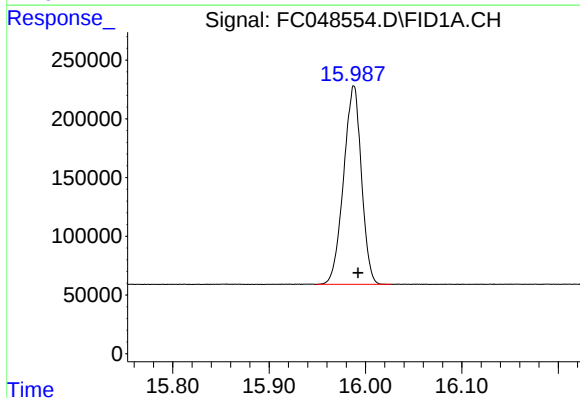
R.T.: 13.864 min
Delta R.T.: -0.004 min
Response: 2358651
Conc: 18.17 ug/ml

Instrument :
FID_C
ClientSampleId :



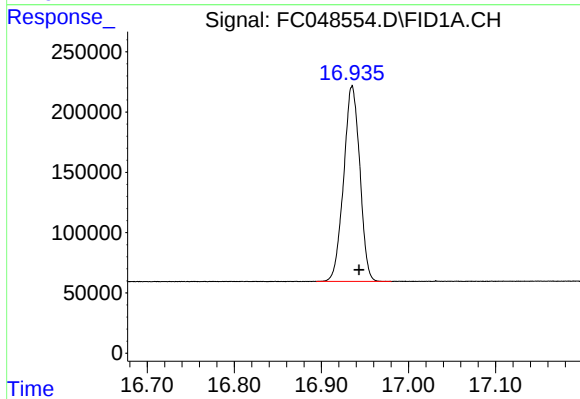
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.004 min
Response: 2269601
Conc: 17.31 ug/ml



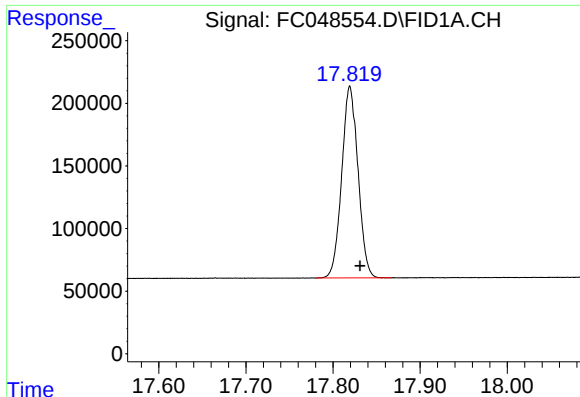
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: -0.004 min
Response: 2164141
Conc: 16.64 ug/ml



#16 n-Octacosane (C28)

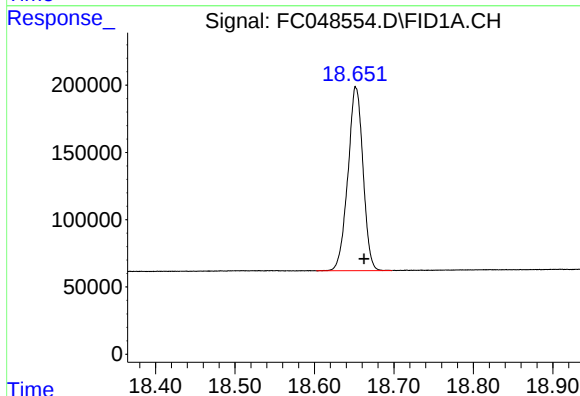
R.T.: 16.935 min
Delta R.T.: -0.008 min
Response: 2091173
Conc: 16.00 ug/ml



#17 n-Tricontane (C30)

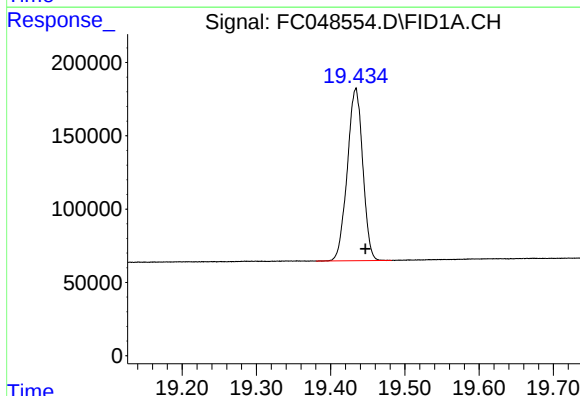
R.T.: 17.819 min
Delta R.T.: -0.012 min
Response: 1992127
Conc: 15.50 ug/ml

Instrument :
FID_C
ClientSampleId :



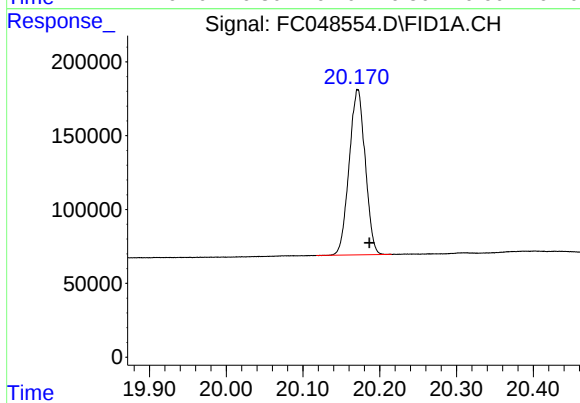
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.010 min
Response: 1802682
Conc: 15.26 ug/ml



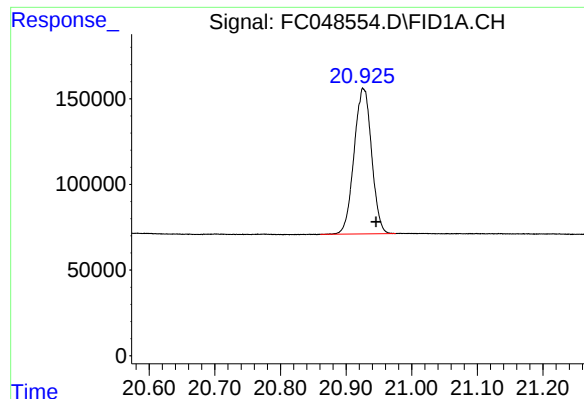
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.013 min
Response: 1697996
Conc: 15.21 ug/ml



#20 n-Hexatriacontane (C36)

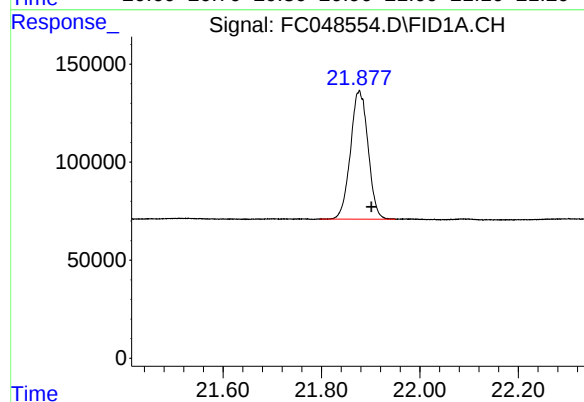
R.T.: 20.171 min
Delta R.T.: -0.015 min
Response: 1628560
Conc: 15.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.926 min
Delta R.T.: -0.019 min
Response: 1573465
Conc: 16.03 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: -0.024 min
Response: 1622572
Conc: 16.70 ug/ml