

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080720AL\
 Data File : FC048908.D
 Signal(s) : FID1A.CH
 Acq On : 07 Aug 2020 19:49
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 08 02:34:11 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)	11.672	562029	4.594 ug/ml
Spiked Amount 50.000		Recovery =	9.19%
12) S 1-chlorooctadecane (S...	13.106	460053	4.590 ug/ml
Spiked Amount 50.000		Recovery =	9.18%
Target Compounds			
1) T n-Nonane (C9)	3.409	494479	4.600 ug/ml
2) T n-Decane (C10)	4.483	496553	4.592 ug/ml
3) T A~Naphthalene (C11.7)	6.080	559843	4.597 ug/ml
4) T n-Dodecane (C12)	6.507	501536	4.590 ug/ml
5) T A~2-methylnaphthalene...	7.137	566141	4.551 ug/ml
6) T n-Tetradecane (C14)	8.305	492856	4.531 ug/ml
7) T n-Hexadecane (C16)	9.907	496459	4.593 ug/ml
8) T n-Octadecane (C18)	11.350	518664	4.577 ug/ml
10) T n-Eicosane (C20)	12.660	526153	4.585 ug/ml
11) T n-Heneicosane (C21)	13.271	527623	4.586 ug/ml
13) T n-Docosane (C22)	13.857	532406	4.601 ug/ml
14) T n-Tetracosane (C24)	14.958	536181	4.581 ug/ml
15) T n-Hexacosane (C26)	15.977	540064	4.590 ug/ml
16) T n-Octacosane (C28)	16.925	552994	4.637 ug/ml
17) T n-Tricontane (C30)	17.811	557935	4.719 ug/ml
18) T n-Dotriacontane (C32)	18.642	528171	4.777 ug/ml
19) T n-Tetratriacontane (C34)	19.422	508422	4.778 ug/ml
20) T n-Hexatriacontane (C36)	20.160	490220	4.795 ug/ml
21) T n-Octatriacontane (C38)	20.914	467598	4.785 ug/ml
22) T n-Tetracontane (C40)	21.860	469778	4.725 ug/ml

(f)=RT Delta > 1/2 Window

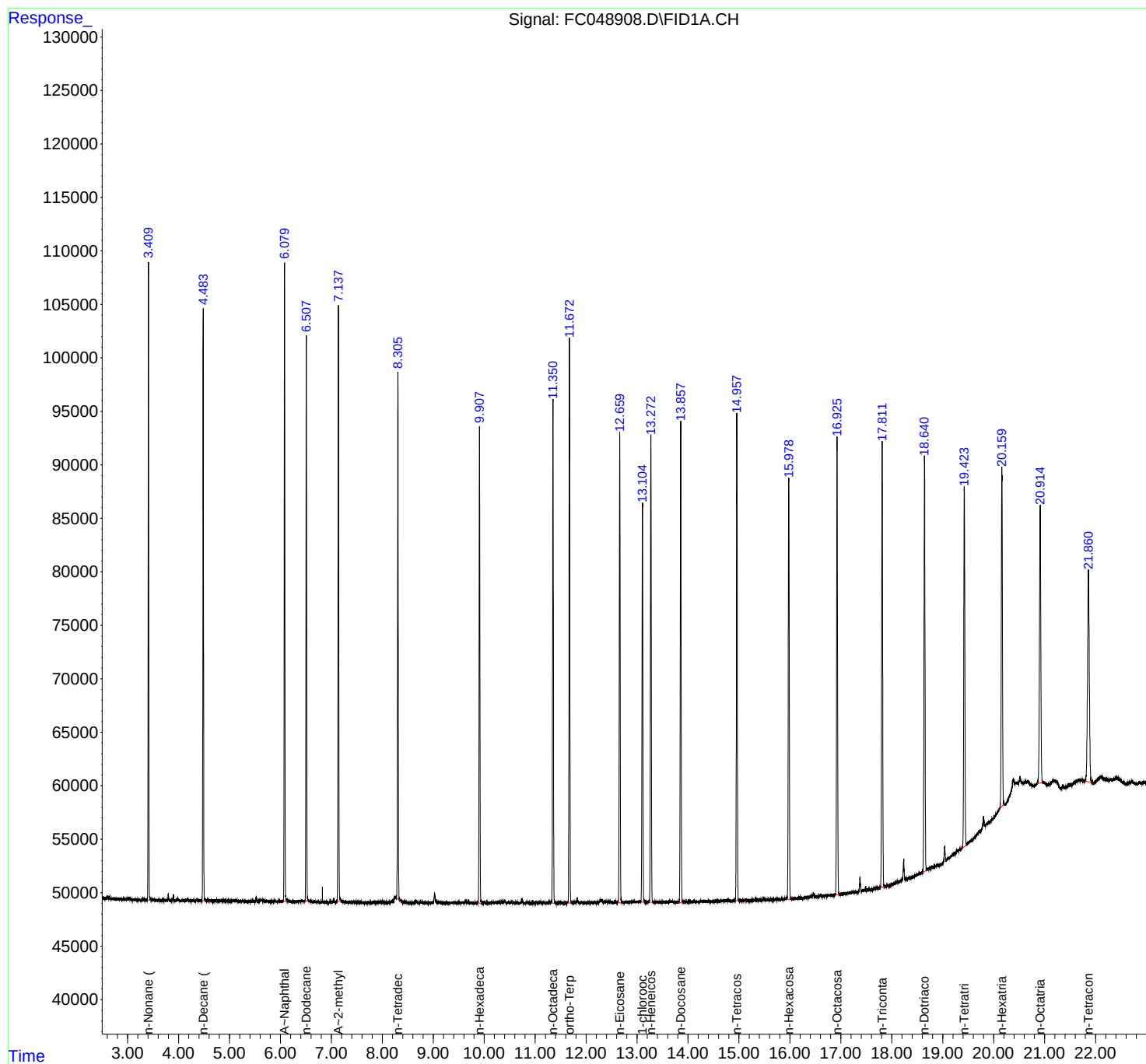
(m)=manual int.

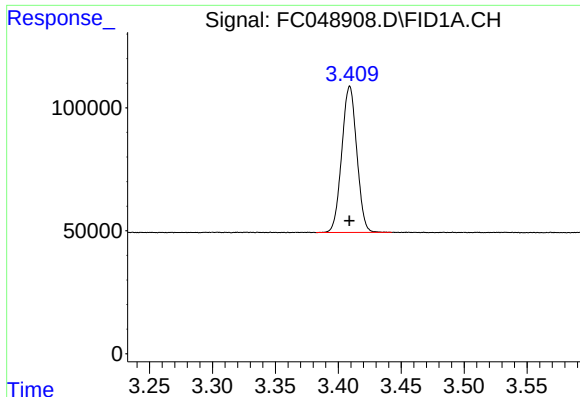
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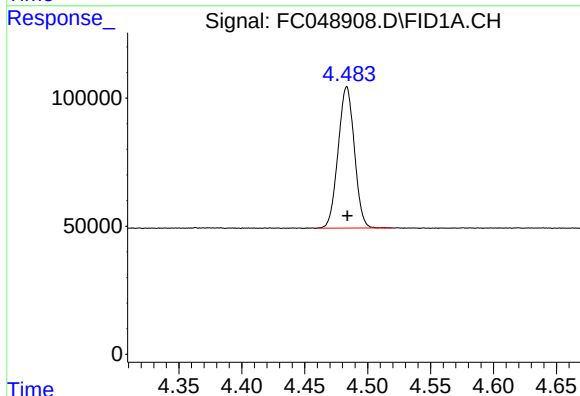




#1 n-Nonane (C9)

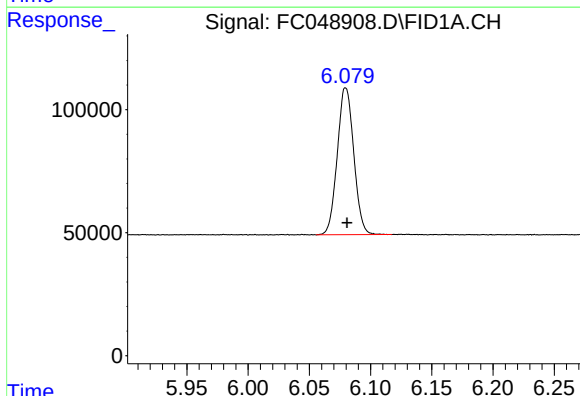
R.T.: 3.409 min
Delta R.T.: 0.000 min
Response: 494479
Conc: 4.60 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



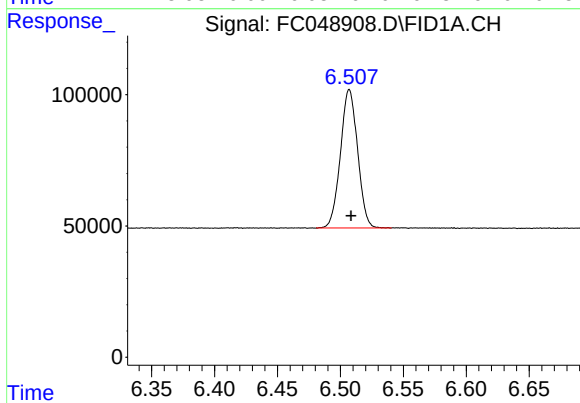
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 496553
Conc: 4.59 ug/ml



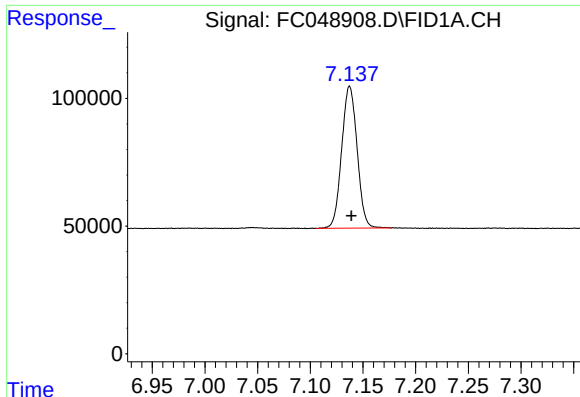
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 559843
Conc: 4.60 ug/ml



#4 n-Dodecane (C12)

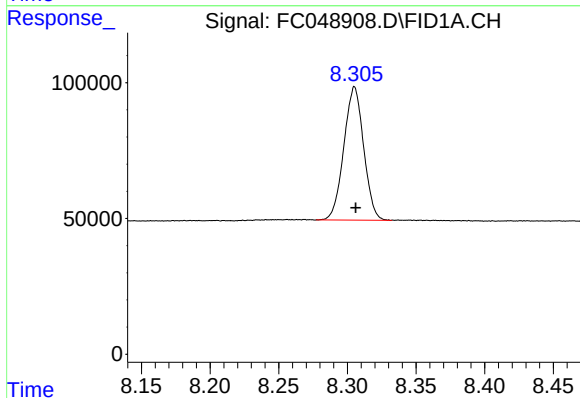
R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 501536
Conc: 4.59 ug/ml



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

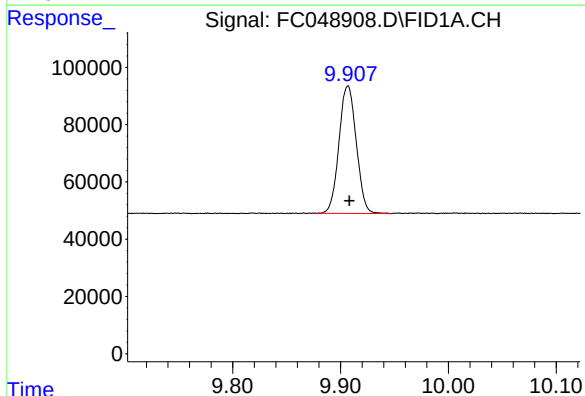
R.T.: 7.137 min
Delta R.T.: -0.002 min
Response: 566141
Conc: 4.55 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



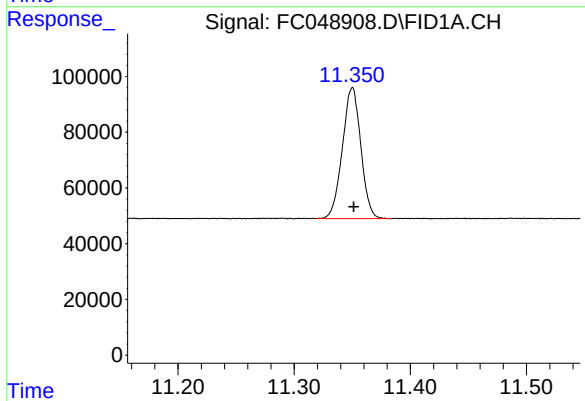
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 492856
Conc: 4.53 ug/ml



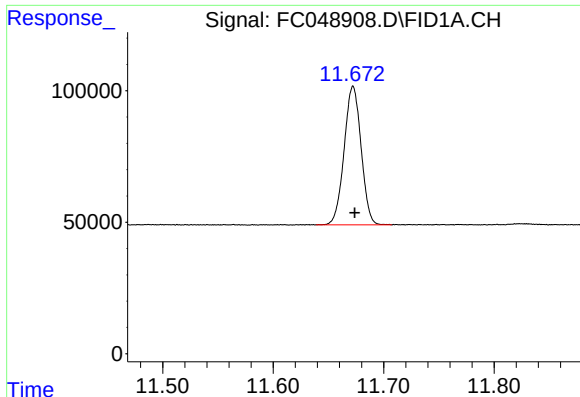
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: -0.002 min
Response: 496459
Conc: 4.59 ug/ml



#8 n-Octadecane (C18)

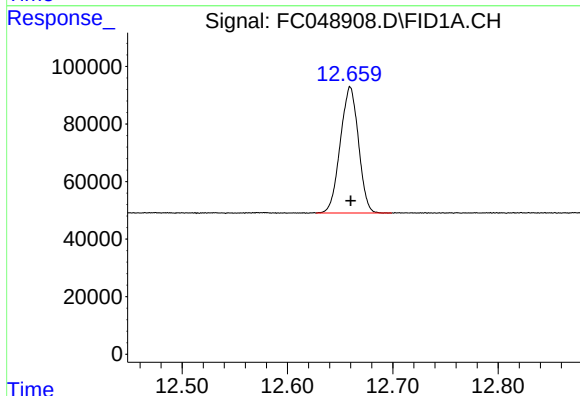
R.T.: 11.350 min
Delta R.T.: -0.001 min
Response: 518664
Conc: 4.58 ug/ml



#9 ortho-Terphenyl (SURR)

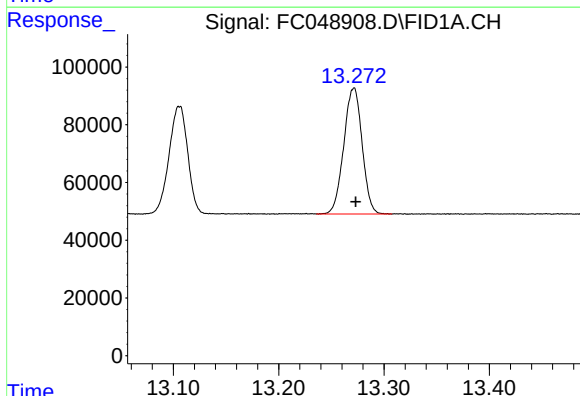
R.T.: 11.672 min
Delta R.T.: -0.002 min
Response: 562029
Conc: 4.59 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



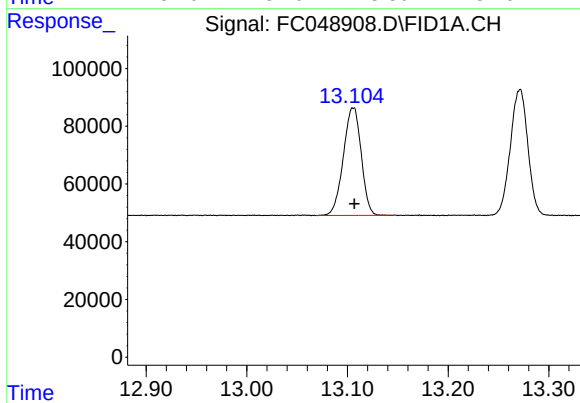
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.000 min
Response: 526153
Conc: 4.59 ug/ml



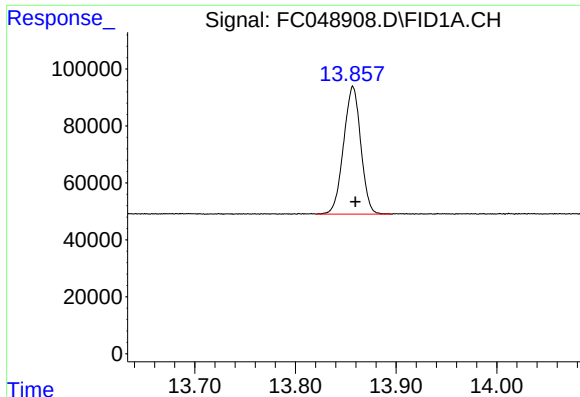
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: -0.002 min
Response: 527623
Conc: 4.59 ug/ml



#12 1-chlorooctadecane (SURR)

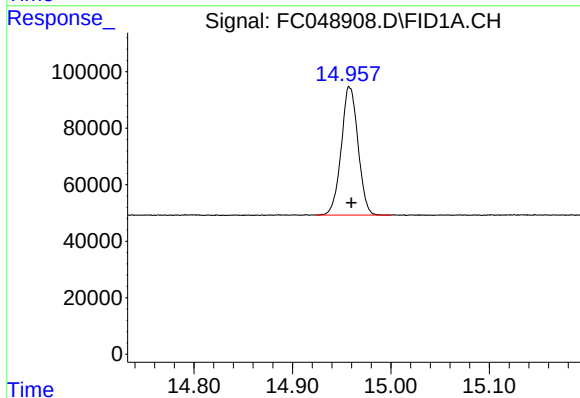
R.T.: 13.106 min
Delta R.T.: 0.000 min
Response: 460053
Conc: 4.59 ug/ml



#13 n-Docosane (C22)

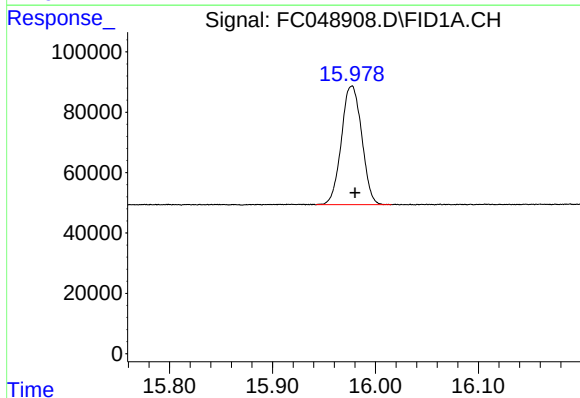
R.T.: 13.857 min
Delta R.T.: -0.002 min
Response: 532406
Conc: 4.60 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



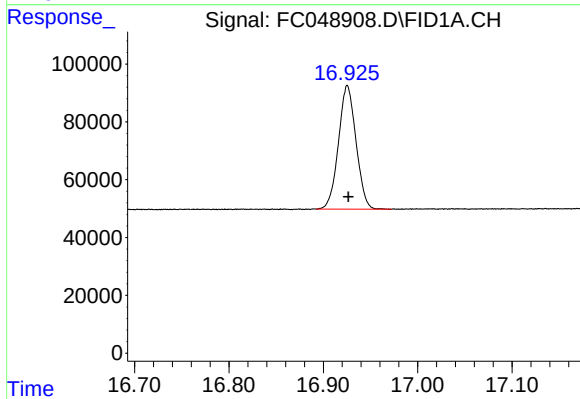
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.002 min
Response: 536181
Conc: 4.58 ug/ml



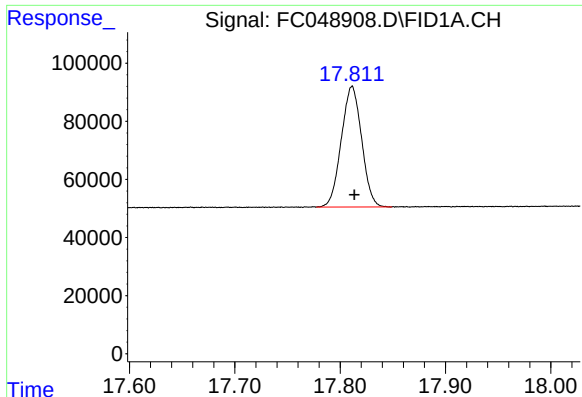
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: -0.003 min
Response: 540064
Conc: 4.59 ug/ml



#16 n-Octacosane (C28)

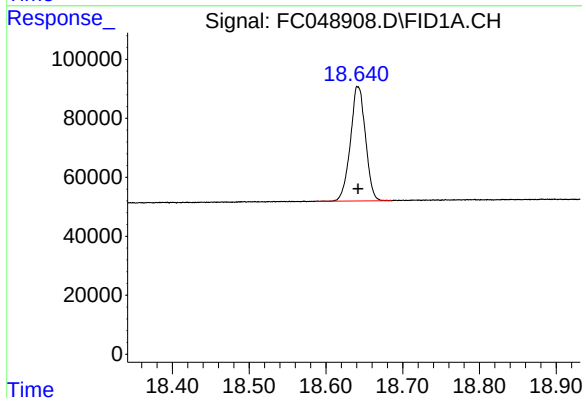
R.T.: 16.925 min
Delta R.T.: -0.001 min
Response: 552994
Conc: 4.64 ug/ml



#17 n-Tricontane (C30)

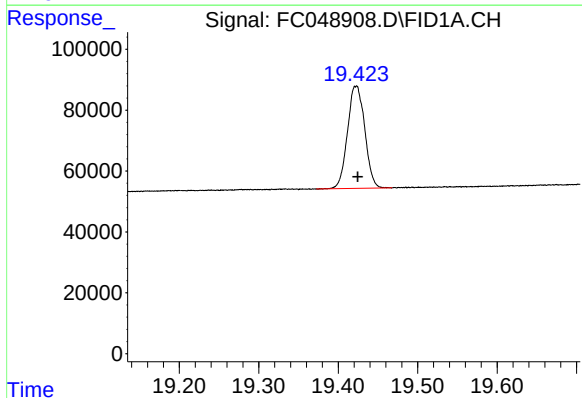
R.T.: 17.811 min
Delta R.T.: -0.002 min
Response: 557935
Conc: 4.72 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



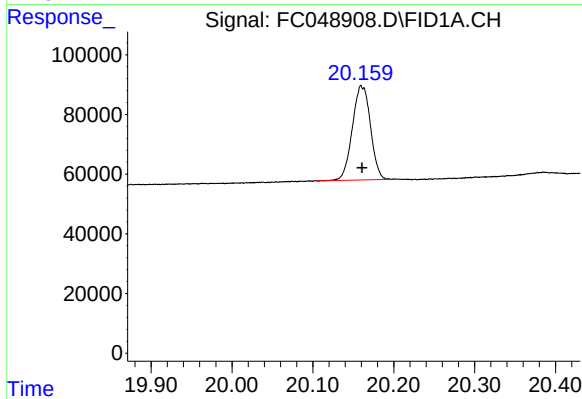
#18 n-Dotriacontane (C32)

R.T.: 18.642 min
Delta R.T.: 0.000 min
Response: 528171
Conc: 4.78 ug/ml



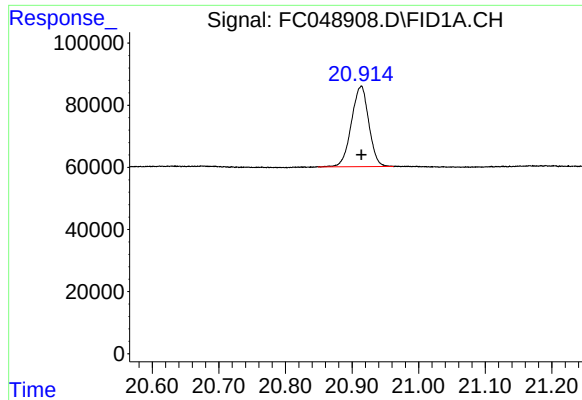
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: -0.002 min
Response: 508422
Conc: 4.78 ug/ml



#20 n-Hexatriacontane (C36)

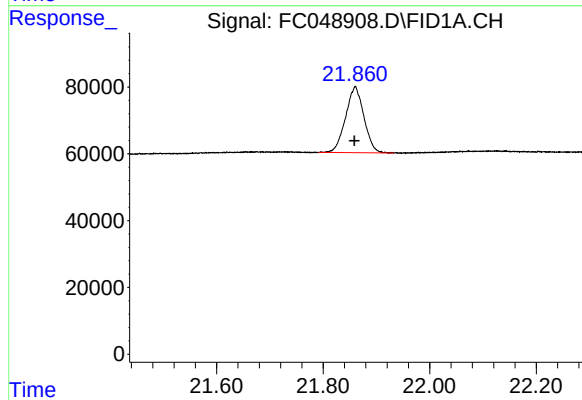
R.T.: 20.160 min
Delta R.T.: -0.001 min
Response: 490220
Conc: 4.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.000 min
Response: 467598
Conc: 4.79 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: 0.002 min
Response: 469778
Conc: 4.73 ug/ml