

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062521AL\
 Data File : FC054447.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2021 21:21
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 26 01:55:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 01:54:25 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)	11.333	7040575	52.303 ug/ml
Spiked Amount 50.000		Recovery =	104.61%
12) S 1-chlorooctadecane (S...	12.776	5555750	52.152 ug/ml
Spiked Amount 50.000		Recovery =	104.30%
Target Compounds			
1) T n-Nonane (C9)	3.144	5894240	51.980 ug/ml
2) T n-Decane (C10)	4.201	5973041	52.246 ug/ml
3) T A~Naphthalene (C11.7)	5.766	6792689	53.526 ug/ml
4) T n-Dodecane (C12)	6.209	6016960	52.176 ug/ml
5) T A~2-methylnaphthalene...	6.819	6825707	53.022 ug/ml
6) T n-Tetradecane (C14)	7.997	6122111	52.146 ug/ml
7) T n-Hexadecane (C16)	9.592	6207902	52.172 ug/ml
8) T n-Octadecane (C18)	11.030	6430795	52.307 ug/ml
10) T n-Eicosane (C20)	12.335	6468703	52.198 ug/ml
11) T n-Heneicosane (C21)	12.946	6587994	52.082 ug/ml
13) T n-Docosane (C22)	13.531	6583693	52.178 ug/ml
14) T n-Tetracosane (C24)	14.632	6710423	51.976 ug/ml
15) T n-Hexacosane (C26)	15.652	6703154	51.879 ug/ml
16) T n-Octacosane (C28)	16.600	6751329	51.563 ug/ml
17) T n-Tricontane (C30)	17.487	6702764	50.993 ug/ml
18) T n-Dotriacontane (C32)	18.317	6499757	50.485 ug/ml
19) T n-Tetratriacontane (C34)	19.100	6499644	50.052 ug/ml
20) T n-Hexatriacontane (C36)	19.838	5846755	50.206 ug/ml
21) T n-Octatriacontane (C38)	20.543	5436113	50.211 ug/ml
22) T n-Tetracontane (C40)	21.367	5288641	50.201 ug/ml

(f)=RT Delta > 1/2 Window

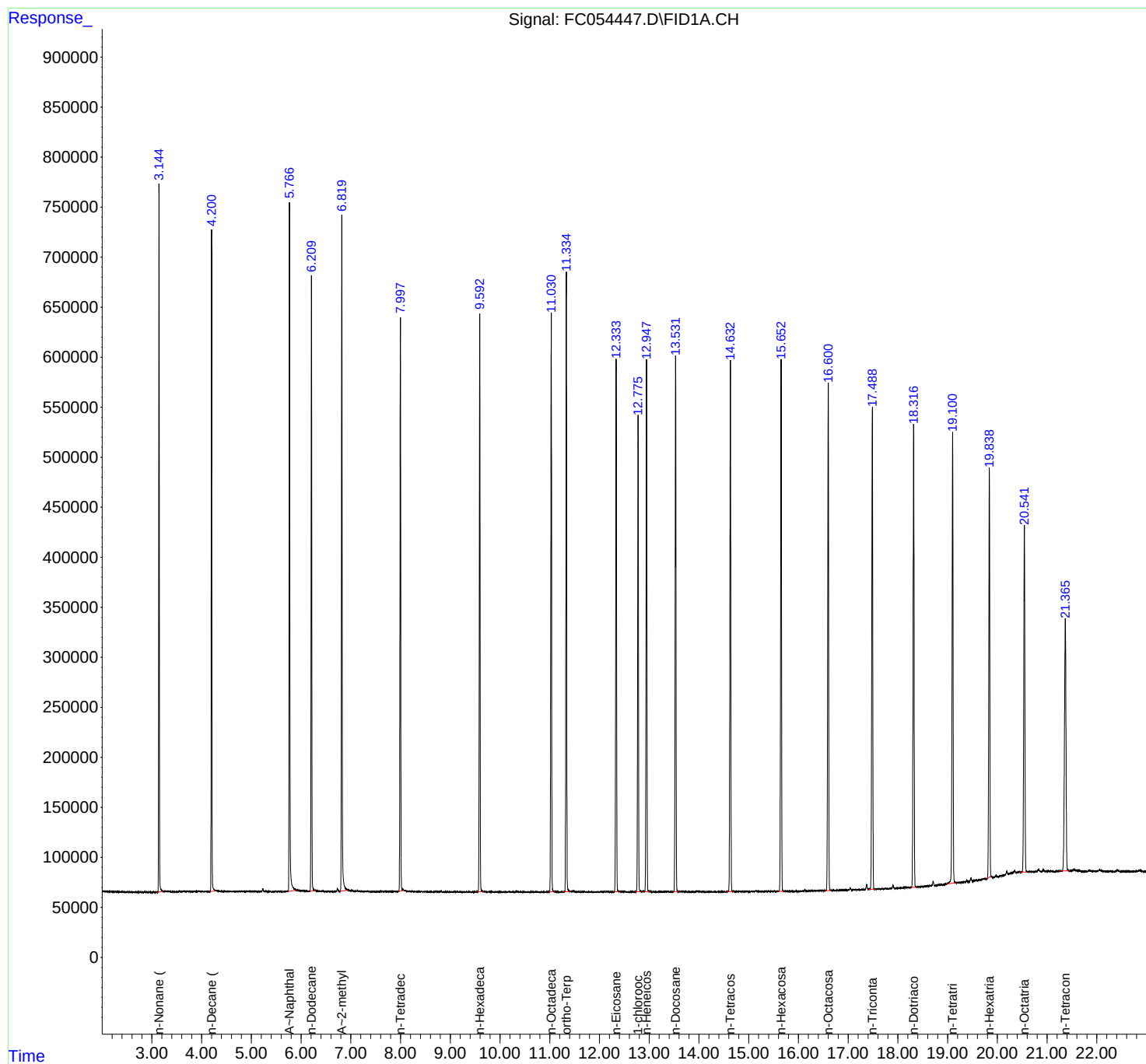
(m)=manual int.

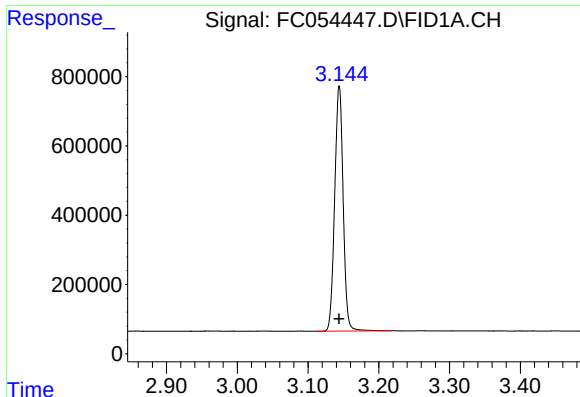
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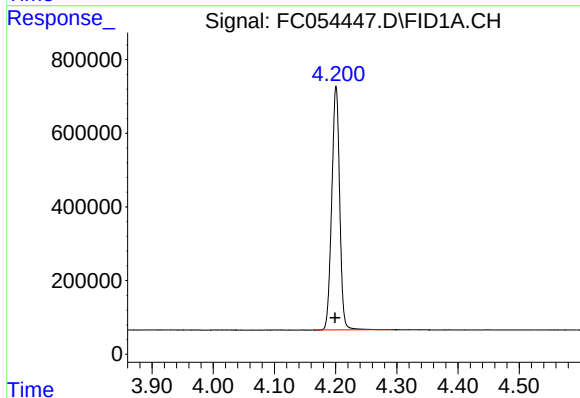




#1 n-Nonane (C9)

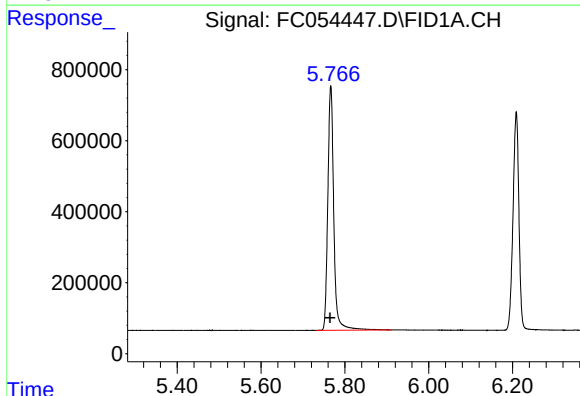
R.T.: 3.144 min
Delta R.T.: 0.000 min
Response: 5894240
Conc: 51.98 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



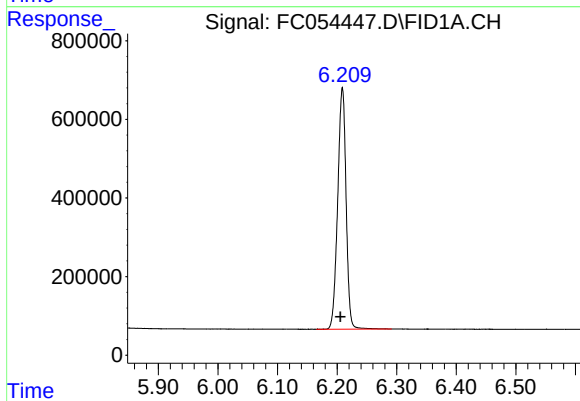
#2 n-Decane (C10)

R.T.: 4.201 min
Delta R.T.: 0.002 min
Response: 5973041
Conc: 52.25 ug/ml



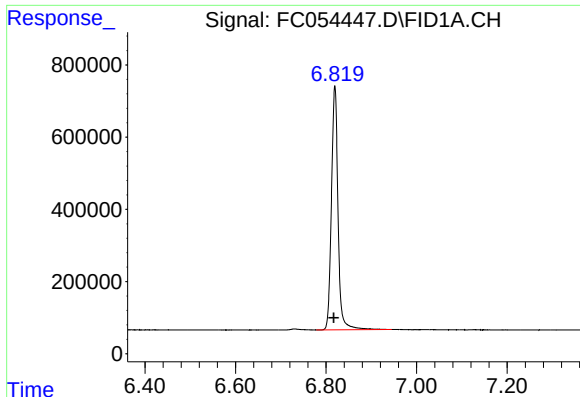
#3 A~Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 6792689
Conc: 53.53 ug/ml



#4 n-Dodecane (C12)

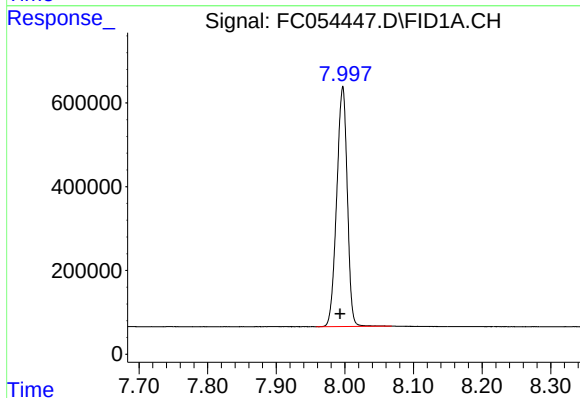
R.T.: 6.209 min
Delta R.T.: 0.003 min
Response: 6016960
Conc: 52.18 ug/ml



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

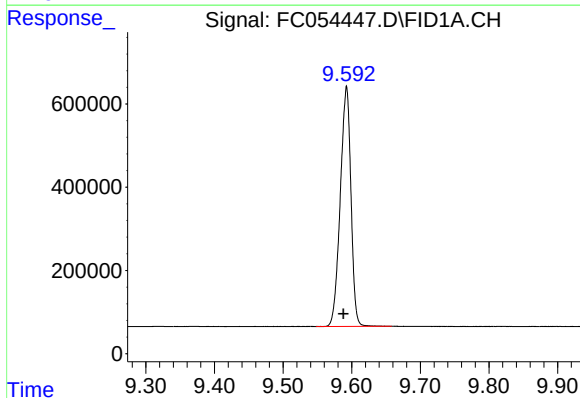
R.T.: 6.819 min
Delta R.T.: 0.002 min
Response: 6825707
Conc: 53.02 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



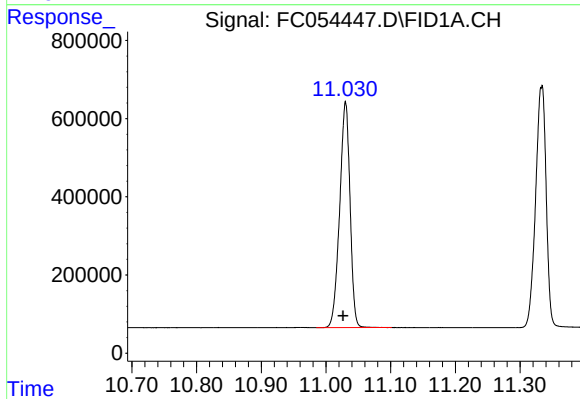
#6 n-Tetradecane (C14)

R.T.: 7.997 min
Delta R.T.: 0.004 min
Response: 6122111
Conc: 52.15 ug/ml



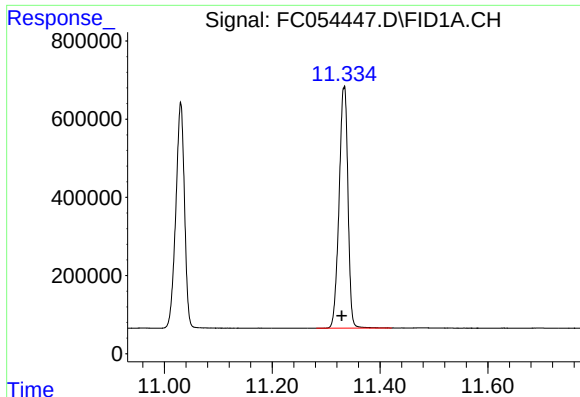
#7 n-Hexadecane (C16)

R.T.: 9.592 min
Delta R.T.: 0.004 min
Response: 6207902
Conc: 52.17 ug/ml



#8 n-Octadecane (C18)

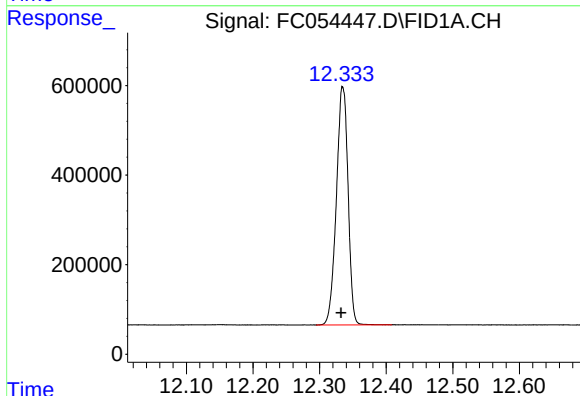
R.T.: 11.030 min
Delta R.T.: 0.003 min
Response: 6430795
Conc: 52.31 ug/ml



#9 ortho-Terphenyl (SURR)

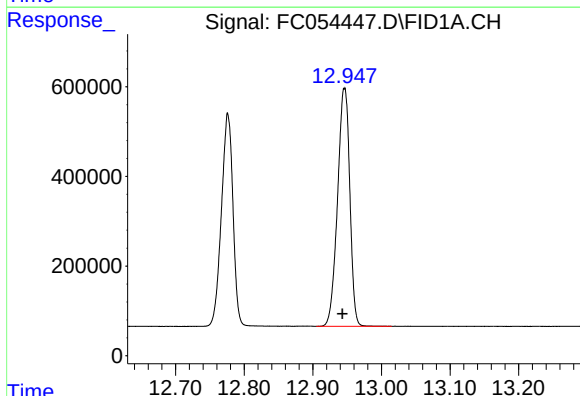
R.T.: 11.333 min
Delta R.T.: 0.004 min
Response: 7040575
Conc: 52.30 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



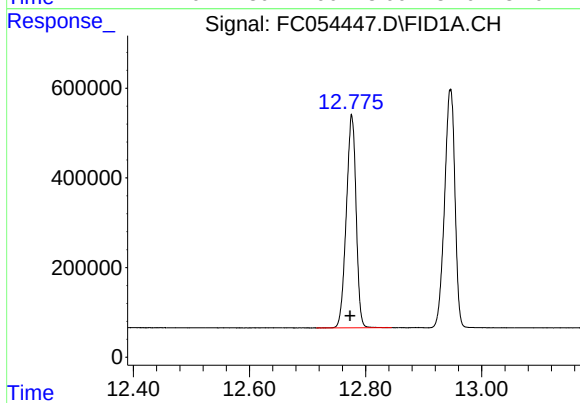
#10 n-Eicosane (C20)

R.T.: 12.335 min
Delta R.T.: 0.003 min
Response: 6468703
Conc: 52.20 ug/ml



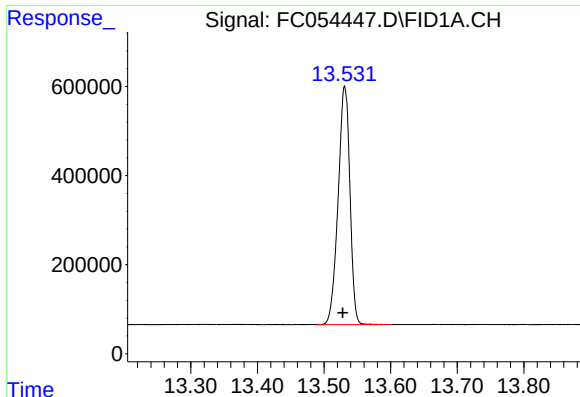
#11 n-Heneicosane (C21)

R.T.: 12.946 min
Delta R.T.: 0.003 min
Response: 6587994
Conc: 52.08 ug/ml



#12 1-chlorooctadecane (SURR)

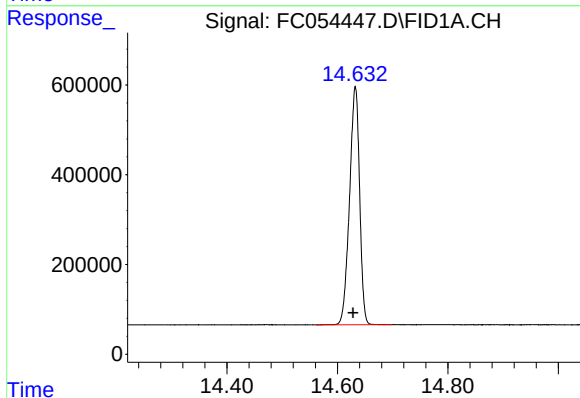
R.T.: 12.776 min
Delta R.T.: 0.003 min
Response: 5555750
Conc: 52.15 ug/ml



#13 n-Docosane (C22)

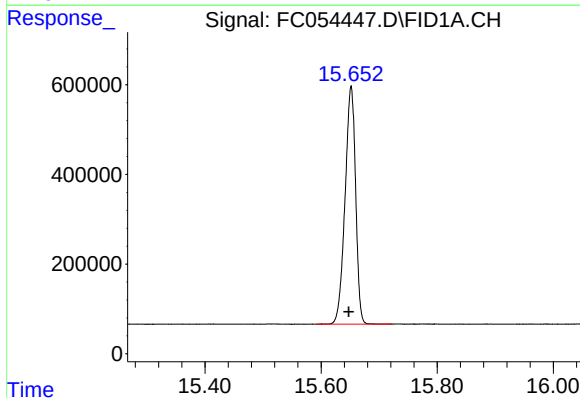
R.T.: 13.531 min
Delta R.T.: 0.003 min
Response: 6583693
Conc: 52.18 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



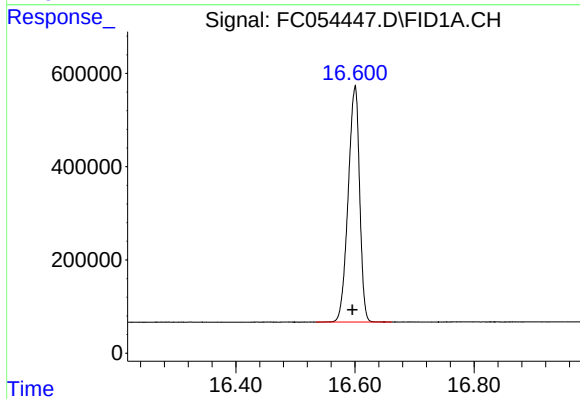
#14 n-Tetracosane (C24)

R.T.: 14.632 min
Delta R.T.: 0.004 min
Response: 6710423
Conc: 51.98 ug/ml



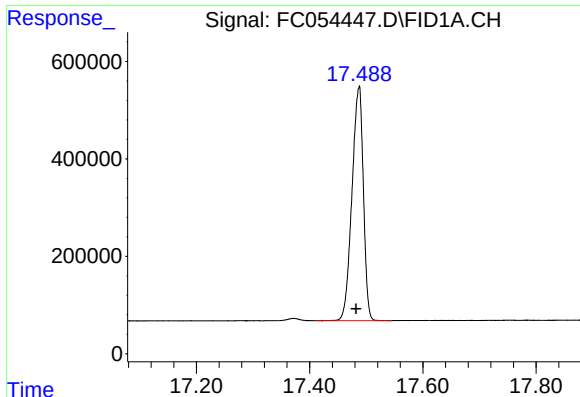
#15 n-Hexacosane (C26)

R.T.: 15.652 min
Delta R.T.: 0.004 min
Response: 6703154
Conc: 51.88 ug/ml



#16 n-Octacosane (C28)

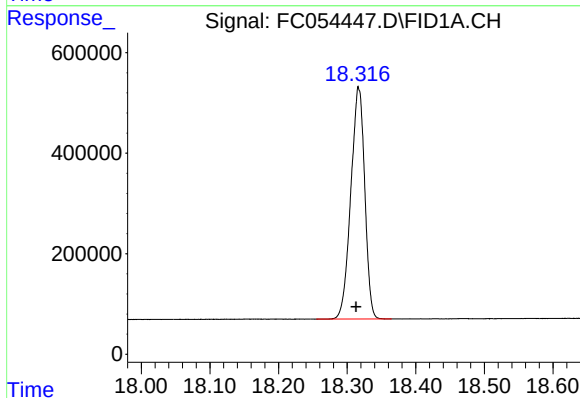
R.T.: 16.600 min
Delta R.T.: 0.004 min
Response: 6751329
Conc: 51.56 ug/ml



#17 n-Tricontane (C30)

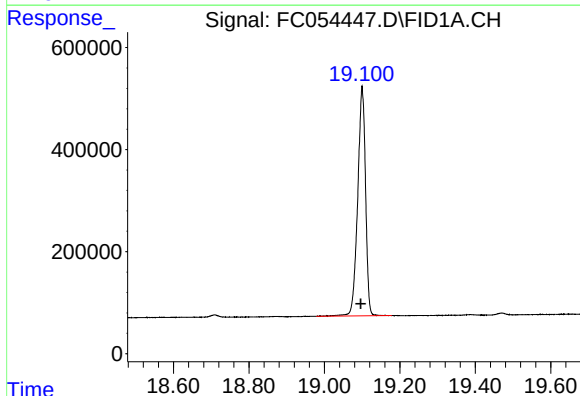
R.T.: 17.487 min
Delta R.T.: 0.005 min
Response: 6702764
Conc: 50.99 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



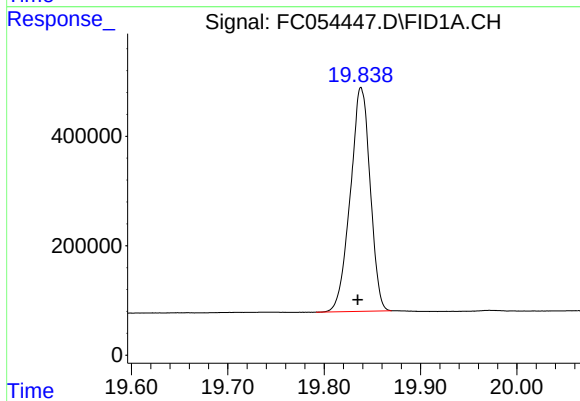
#18 n-Dotriacontane (C32)

R.T.: 18.317 min
Delta R.T.: 0.004 min
Response: 6499757
Conc: 50.48 ug/ml



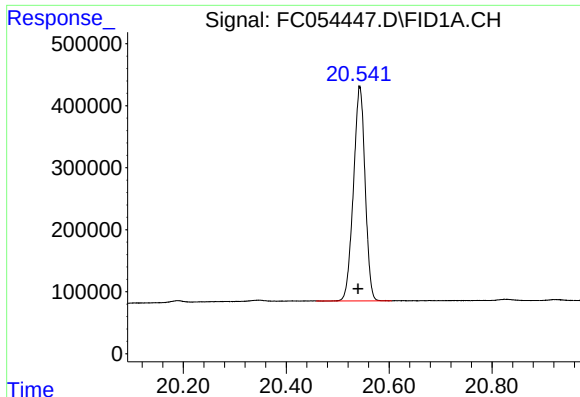
#19 n-Tetratriacontane (C34)

R.T.: 19.100 min
Delta R.T.: 0.004 min
Response: 6499644
Conc: 50.05 ug/ml



#20 n-Hexatriacontane (C36)

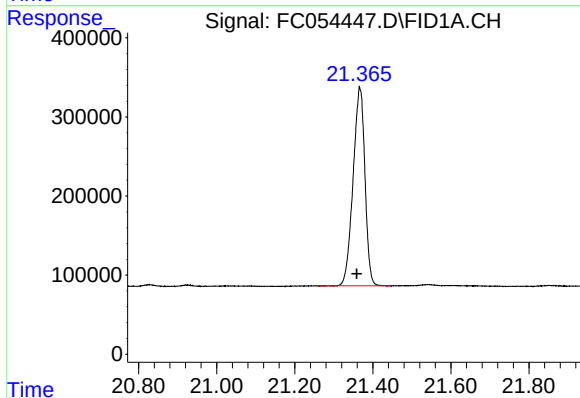
R.T.: 19.838 min
Delta R.T.: 0.004 min
Response: 5846755
Conc: 50.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.543 min
Delta R.T.: 0.003 min
Response: 5436113
Conc: 50.21 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.367 min
Delta R.T.: 0.008 min
Response: 5288641
Conc: 50.20 ug/ml