

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030122AL\
 Data File : FC058522.D
 Signal(s) : FID1A.CH
 Acq On : 01 Mar 2022 21:46
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 02 00:10:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.391	2925832	20.088 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	12.824	2260334	19.941 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.246	2565726	21.336 ug/ml
2) T n-Decane (C10)	4.295	2562203	21.531 ug/ml
3) T A~Naphthalene (C11.7)	5.854	2761276	21.276 ug/ml
4) T n-Dodecane (C12)	6.290	2639726	21.458 ug/ml
5) T A~2-methylnaphthalene...	6.899	2814507	21.588 ug/ml
6) T n-Tetradecane (C14)	8.068	2667958	21.291 ug/ml
7) T n-Hexadecane (C16)	9.655	2694751	20.925 ug/ml
8) T n-Octadecane (C18)	11.085	2703061	20.541 ug/ml
10) T n-Eicosane (C20)	12.385	2649623	20.150 ug/ml
11) T n-Heneicosane (C21)	12.993	2665654	20.170 ug/ml
13) T n-Docosane (C22)	13.576	2620785	20.103 ug/ml
14) T n-Tetracosane (C24)	14.671	2575610	19.945 ug/ml
15) T n-Hexacosane (C26)	15.687	2493517	20.158 ug/ml
16) T n-Octacosane (C28)	16.631	2469427	20.746 ug/ml
17) T n-Tricontane (C30)	17.514	2453853	21.800 ug/ml
18) T n-Dotriacontane (C32)	18.342	2338403	21.746 ug/ml
19) T n-Tetratriacontane (C34)	19.123	2160509	22.298 ug/ml
20) T n-Hexatriacontane (C36)	19.859	2004847	22.223 ug/ml
21) T n-Octatriacontane (C38)	20.564	1908864	21.935 ug/ml
22) T n-Tetracontane (C40)	21.390	1899471	22.635 ug/ml

(f)=RT Delta > 1/2 Window

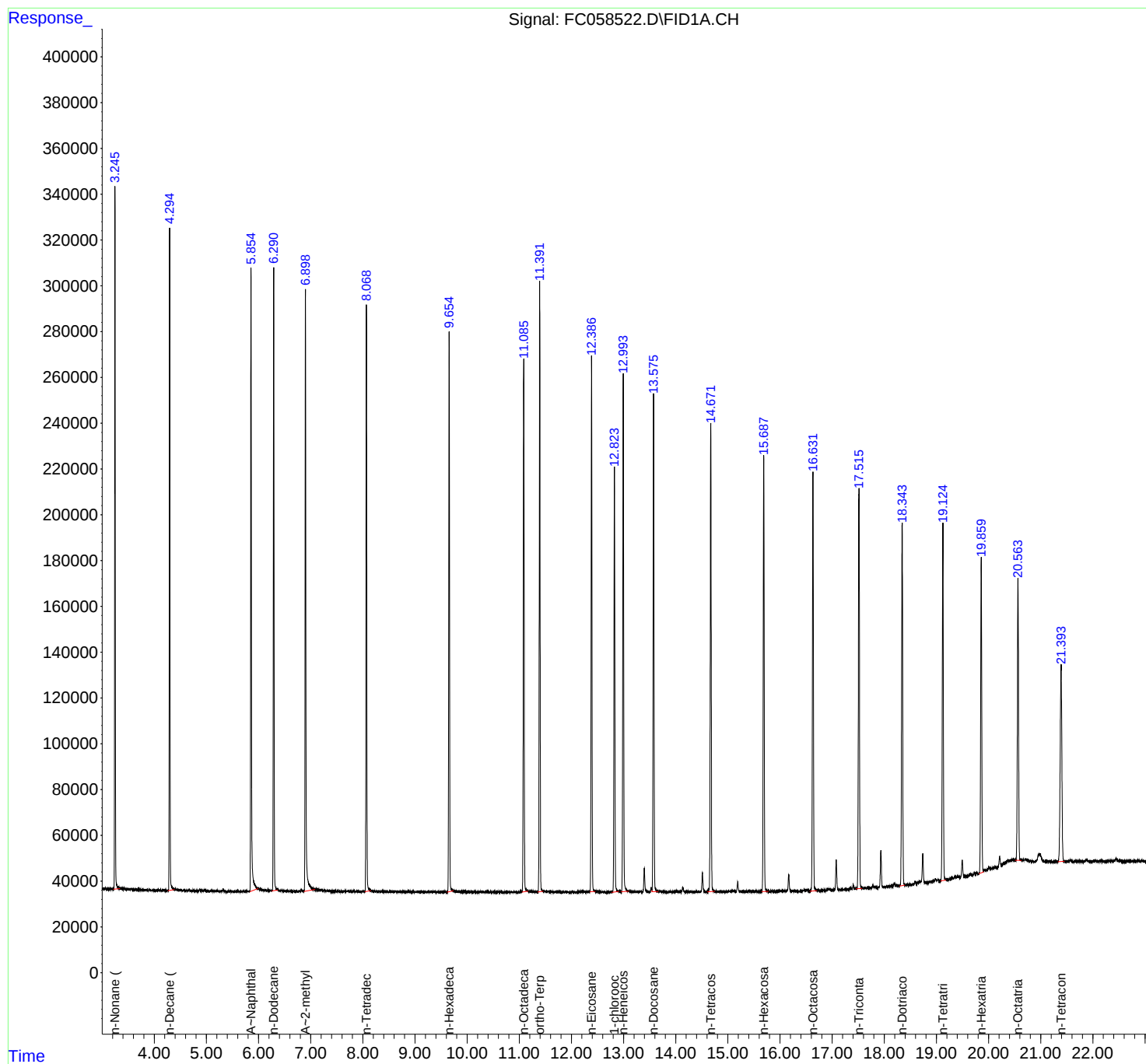
(m)=manual int.

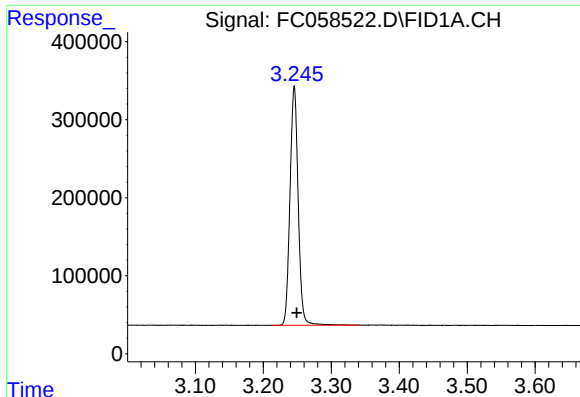
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030122AL\
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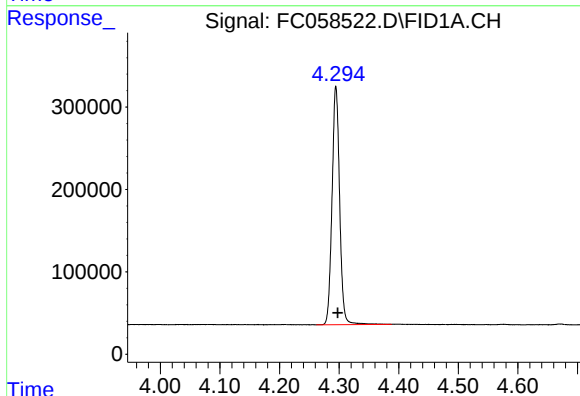




#1 n-Nonane (C9)

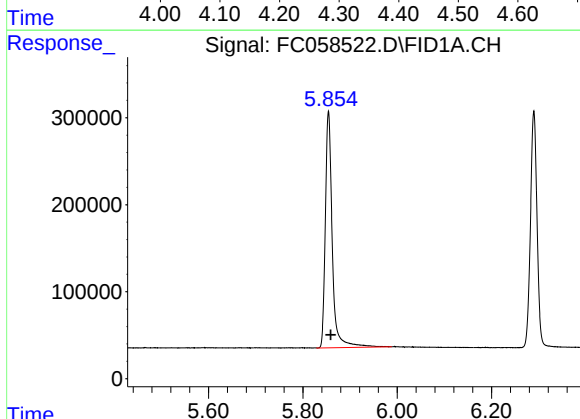
R.T.: 3.246 min
Delta R.T.: -0.003 min
Response: 2565726
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



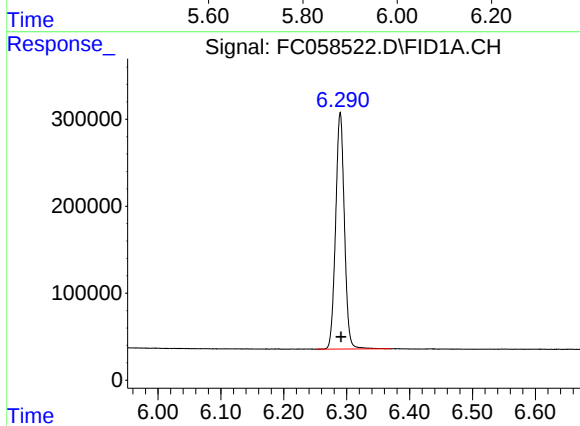
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.003 min
Response: 2562203
Conc: 21.53 ug/ml



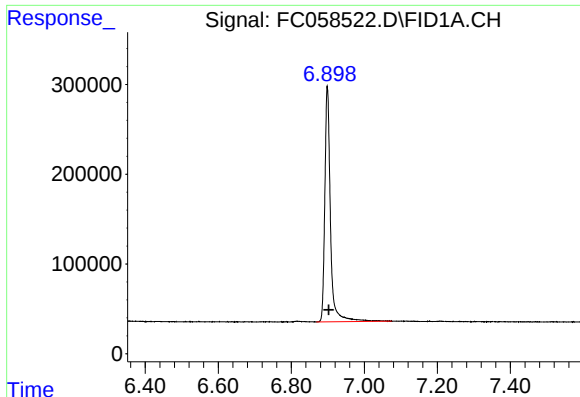
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 2761276
Conc: 21.28 ug/ml



#4 n-Dodecane (C12)

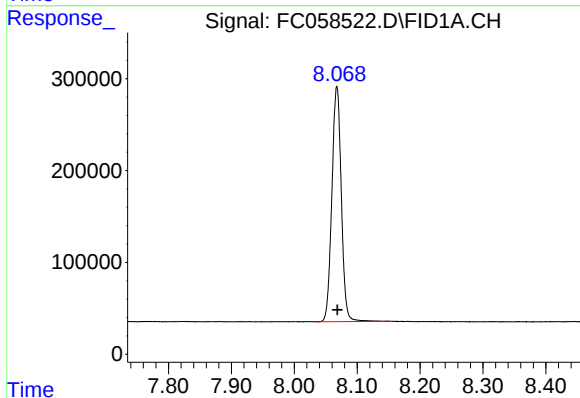
R.T.: 6.290 min
Delta R.T.: -0.001 min
Response: 2639726
Conc: 21.46 ug/ml



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

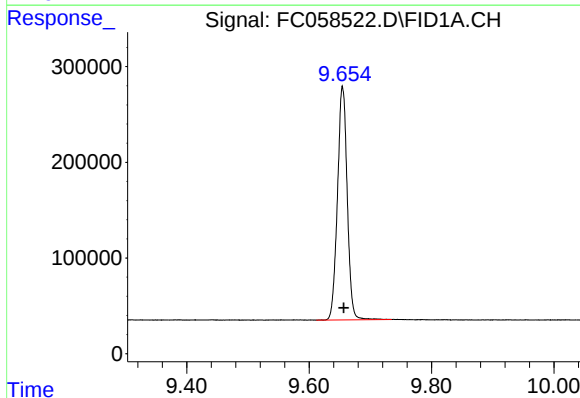
R.T.: 6.899 min
Delta R.T.: -0.004 min
Response: 2814507
Conc: 21.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



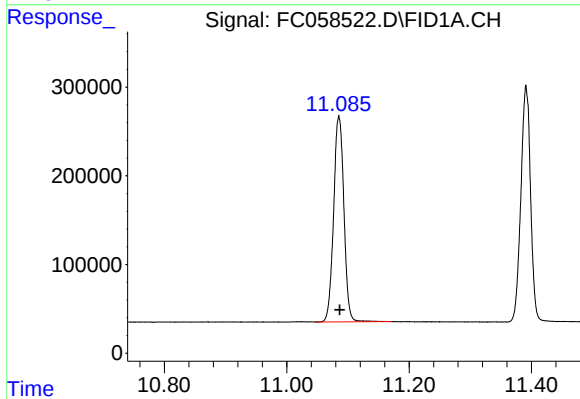
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 2667958
Conc: 21.29 ug/ml



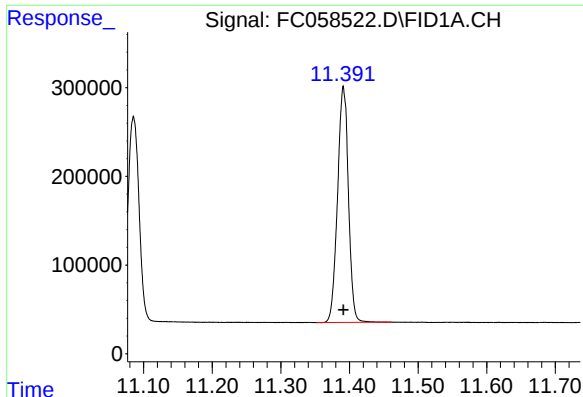
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 2694751
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

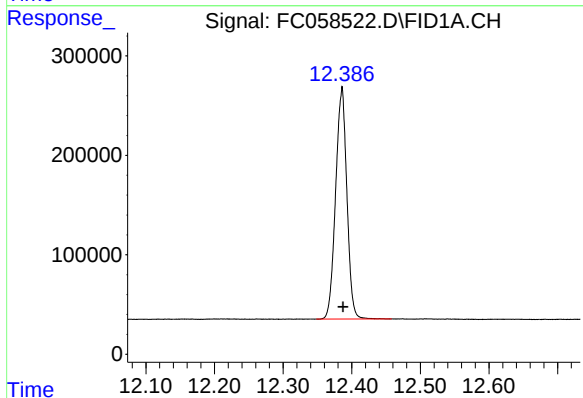
R.T.: 11.085 min
Delta R.T.: -0.001 min
Response: 2703061
Conc: 20.54 ug/ml



#9 ortho-Terphenyl (SURR)

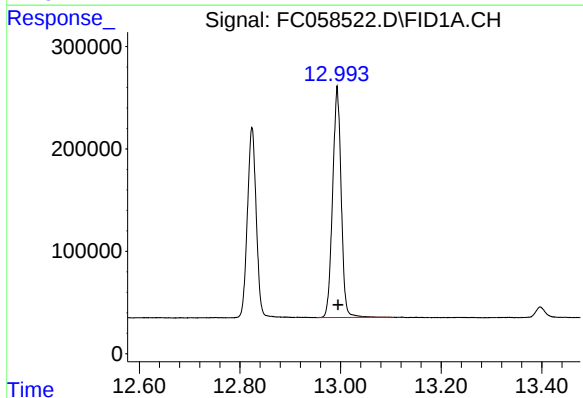
R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 2925832
Conc: 20.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



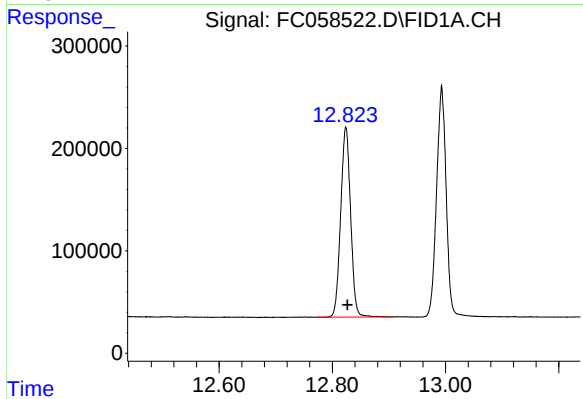
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 2649623
Conc: 20.15 ug/ml



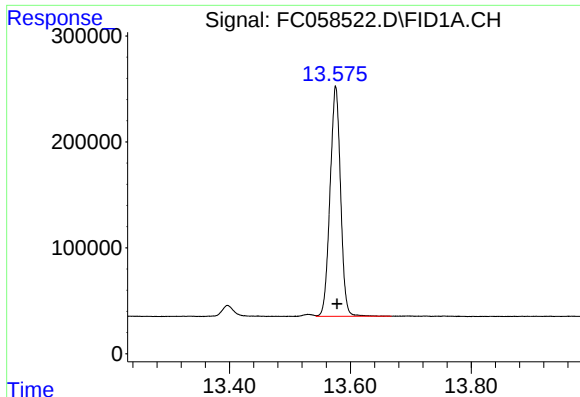
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: -0.002 min
Response: 2665654
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

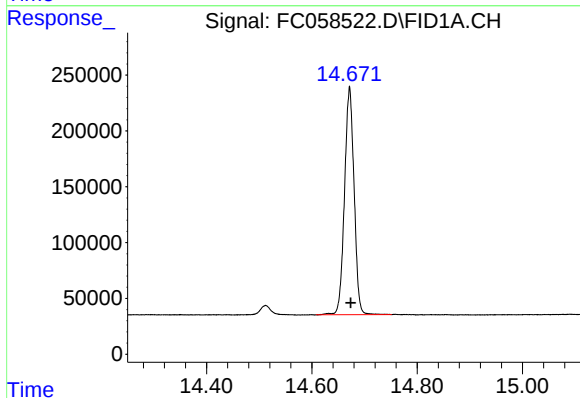
R.T.: 12.824 min
Delta R.T.: -0.003 min
Response: 2260334
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

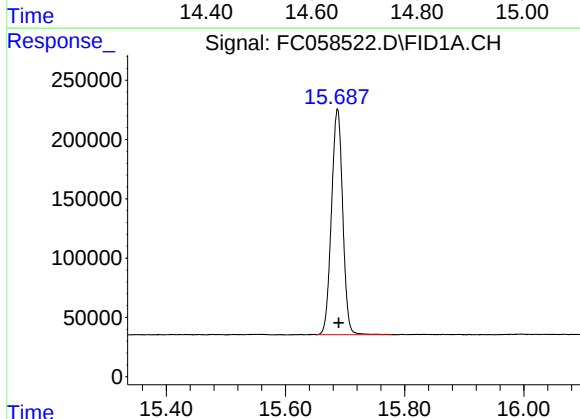
R.T.: 13.576 min
Delta R.T.: -0.002 min
Response: 2620785
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



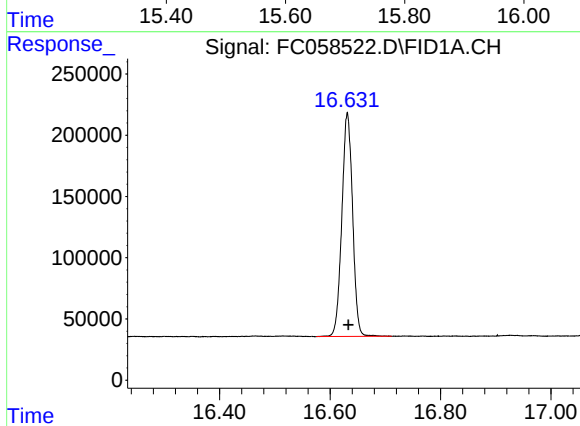
#14 n-Tetracosane (C24)

R.T.: 14.671 min
Delta R.T.: -0.002 min
Response: 2575610
Conc: 19.95 ug/ml



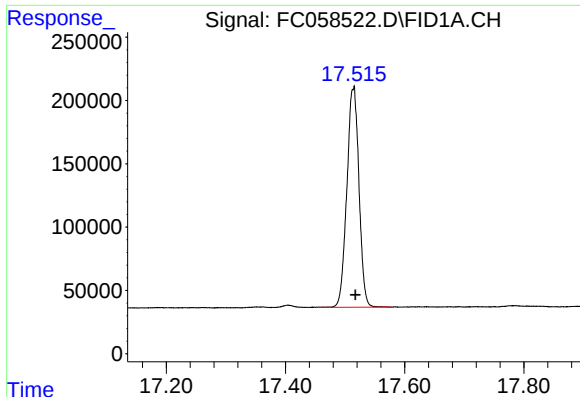
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: -0.002 min
Response: 2493517
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

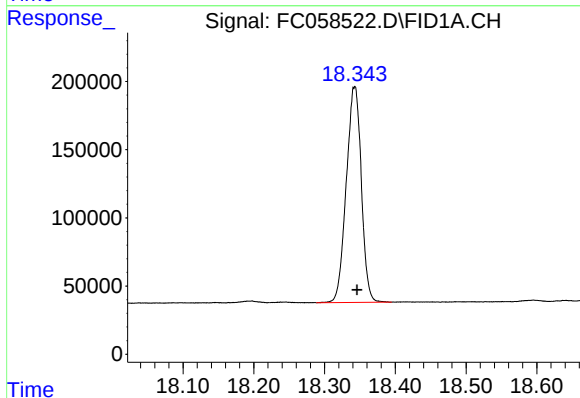
R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 2469427
Conc: 20.75 ug/ml



#17 n-Tricontane (C30)

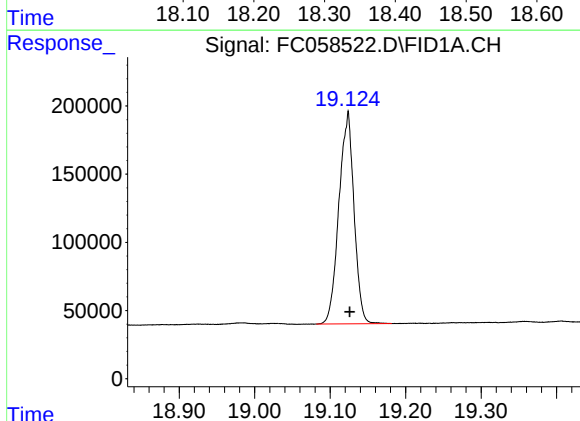
R.T.: 17.514 min
Delta R.T.: -0.003 min
Response: 2453853
Conc: 21.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



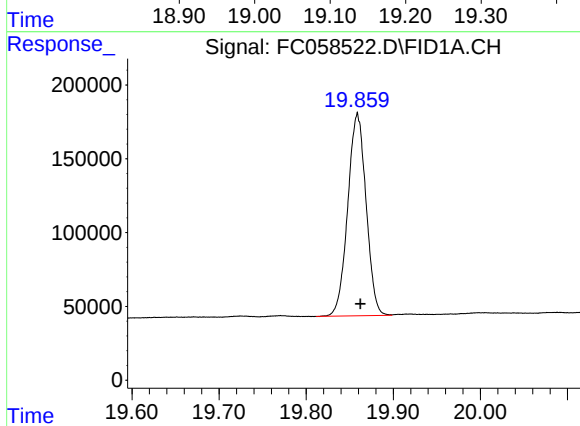
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: -0.003 min
Response: 2338403
Conc: 21.75 ug/ml



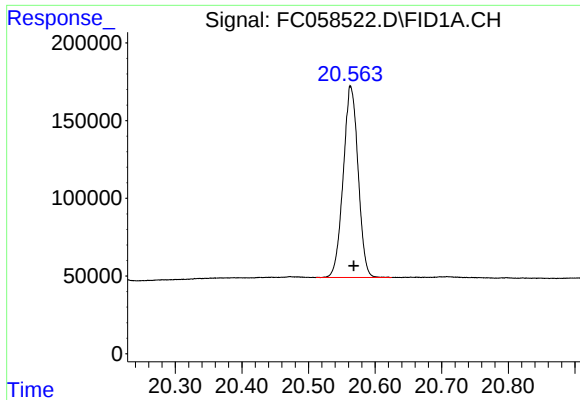
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 2160509
Conc: 22.30 ug/ml



#20 n-Hexatriacontane (C36)

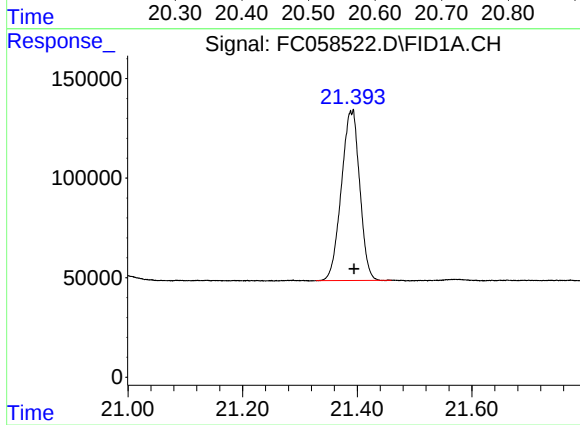
R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 2004847
Conc: 22.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.564 min
Delta R.T.: -0.004 min
Response: 1908864
Conc: 21.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.390 min
Delta R.T.: -0.005 min
Response: 1899471
Conc: 22.64 ug/ml