

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010722AL\
 Data File : FC057768.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jan 2022 9:52
 Operator : AJ\MA
 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: Jan 07 22:29:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.706	3714648	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	12.144	2813394	19.088 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	2.633	3105840	19.422 ug/ml
2) T n-Decane (C10)	3.623	3166126	19.698 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3604162	19.849 ug/ml
4) T n-Dodecane (C12)	5.595	3201208	19.849 ug/ml
5) T A~2-methylnaphthalene...	6.201	3630731	19.854 ug/ml
6) T n-Tetradecane (C14)	7.376	3298650	19.981 ug/ml
7) T n-Hexadecane (C16)	8.968	3325943	19.911 ug/ml
8) T n-Octadecane (C18)	10.403	3380434	19.644 ug/ml
10) T n-Eicosane (C20)	11.706	3294830	19.246 ug/ml
11) T n-Heneicosane (C21)	12.315	3279612	18.966 ug/ml
13) T n-Docosane (C22)	12.898	3222504	18.627 ug/ml
14) T n-Tetracosane (C24)	13.997	3150710	18.201 ug/ml
15) T n-Hexacosane (C26)	15.014	2987926	17.755 ug/ml
16) T n-Octacosane (C28)	15.959	2916775	17.824 ug/ml
17) T n-Tricontane (C30)	16.843	2880971	18.453 ug/ml
18) T n-Dotriacontane (C32)	17.674	2677491	19.204 ug/ml
19) T n-Tetratriacontane (C34)	18.456	2478469	19.941 ug/ml
20) T n-Hexatriacontane (C36)	19.193	2287609	20.576 ug/ml
21) T n-Octatriacontane (C38)	19.899	2155191	20.660 ug/ml
22) T n-Tetracontane (C40)	20.727	2159686	22.555 ug/ml

(f)=RT Delta > 1/2 Window

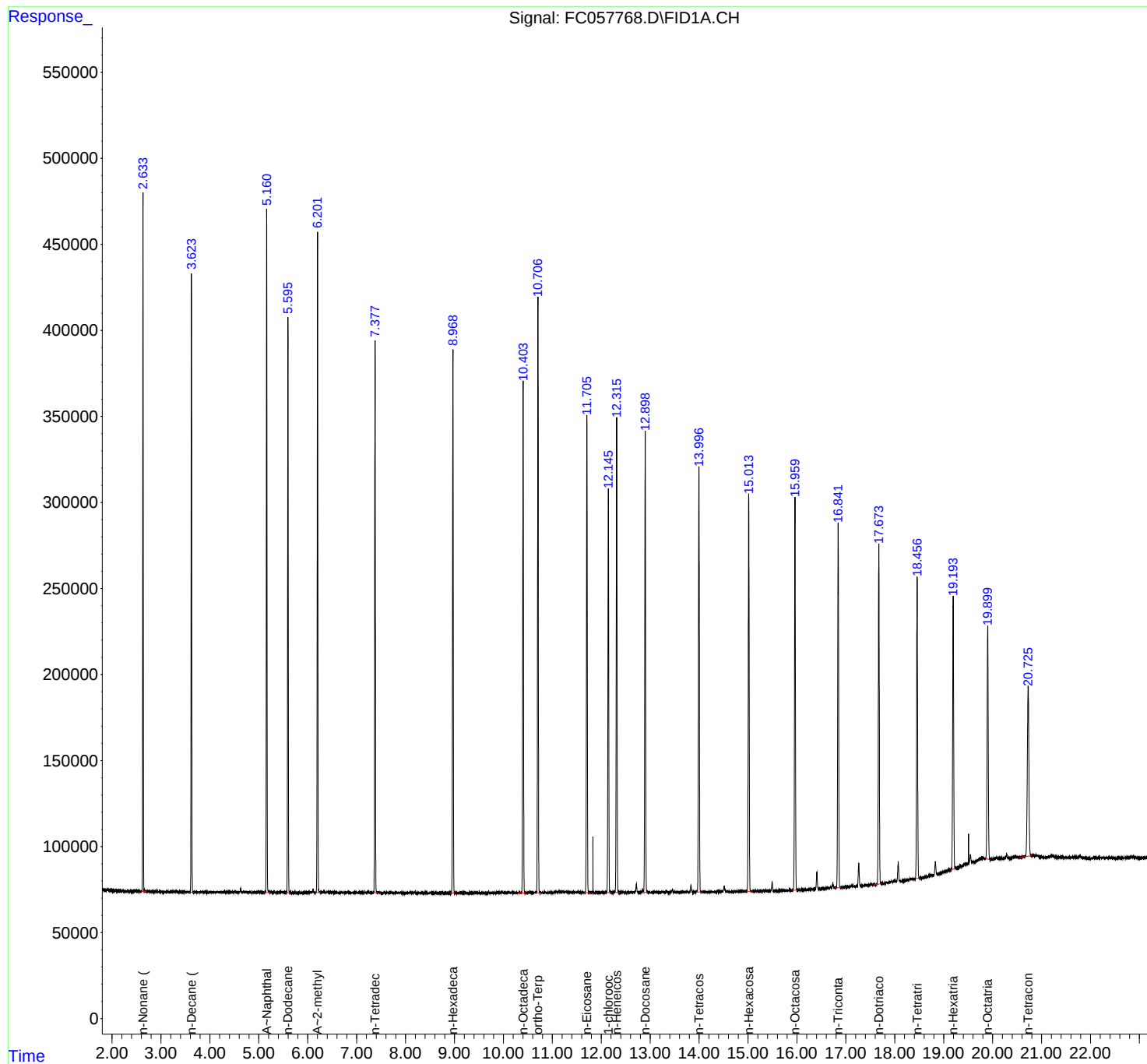
(m)=manual int.

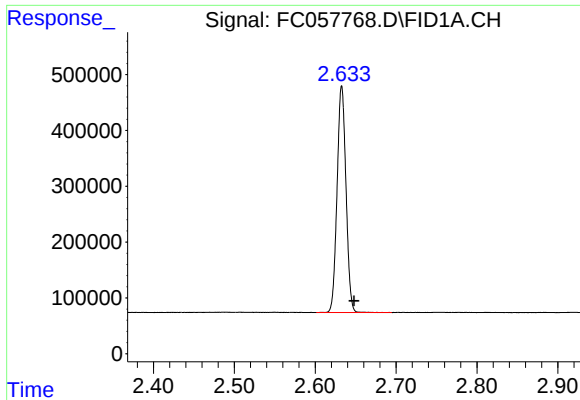
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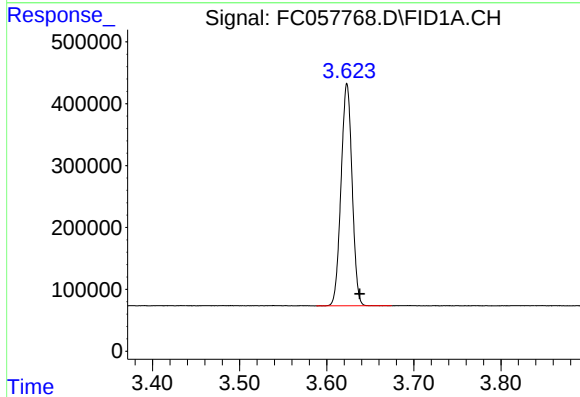




#1 n-Nonane (C9)

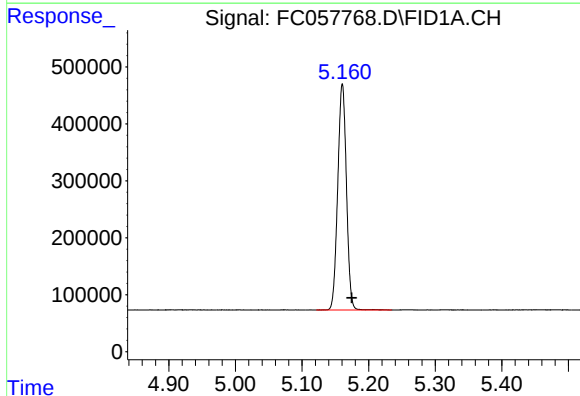
R.T.: 2.633 min
Delta R.T.: -0.015 min
Response: 3105840
Conc: 19.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



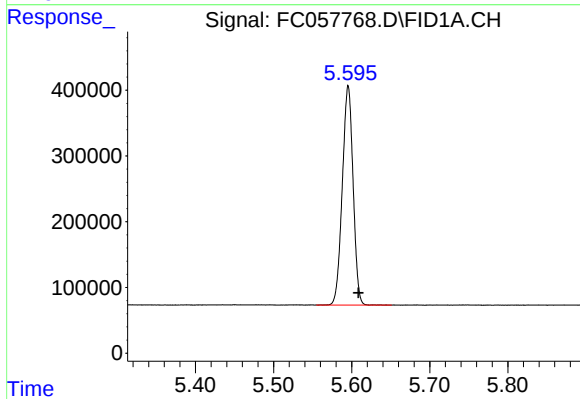
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.015 min
Response: 3166126
Conc: 19.70 ug/ml



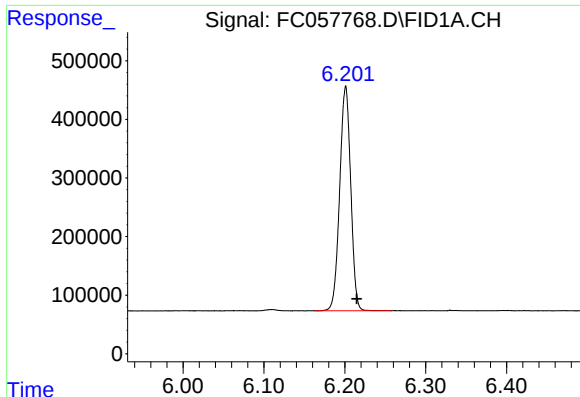
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.014 min
Response: 3604162
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

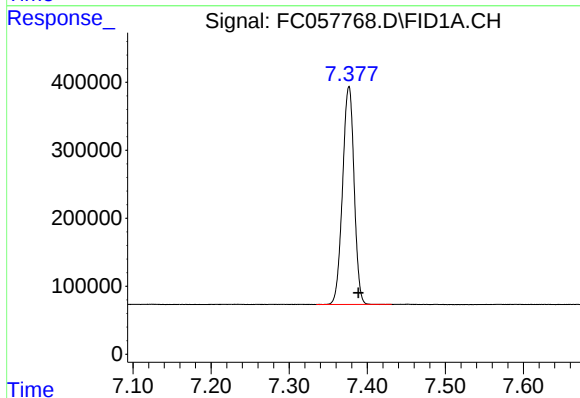
R.T.: 5.595 min
Delta R.T.: -0.013 min
Response: 3201208
Conc: 19.85 ug/ml



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

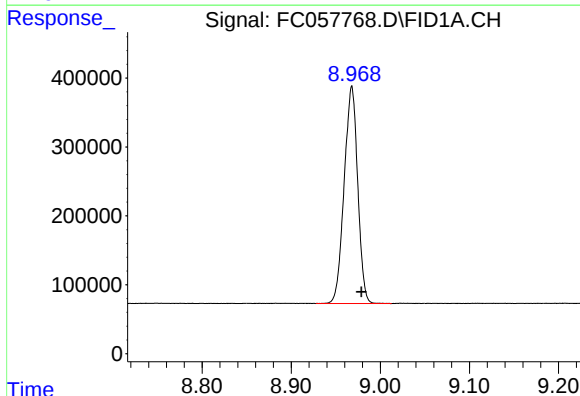
R.T.: 6.201 min
Delta R.T.: -0.014 min
Response: 3630731
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



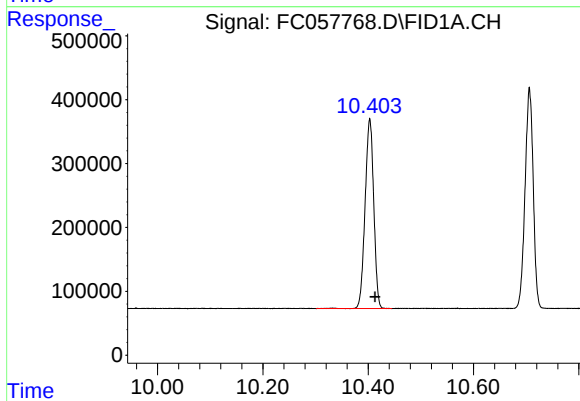
#6 n-Tetradecane (C14)

R.T.: 7.376 min
Delta R.T.: -0.012 min
Response: 3298650
Conc: 19.98 ug/ml



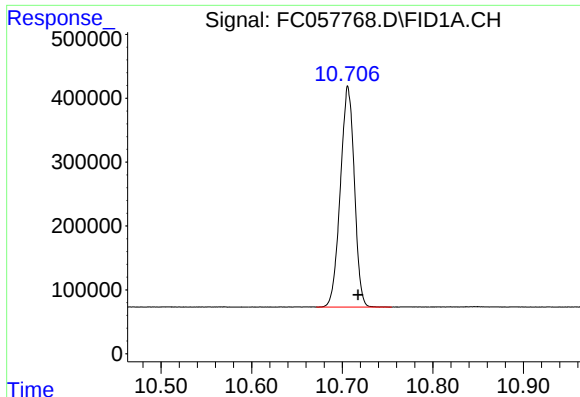
#7 n-Hexadecane (C16)

R.T.: 8.968 min
Delta R.T.: -0.011 min
Response: 3325943
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

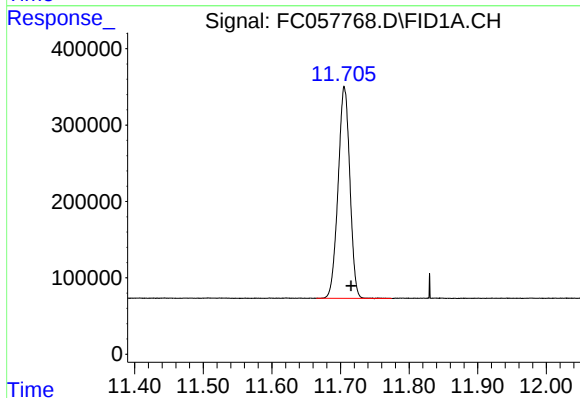
R.T.: 10.403 min
Delta R.T.: -0.010 min
Response: 3380434
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

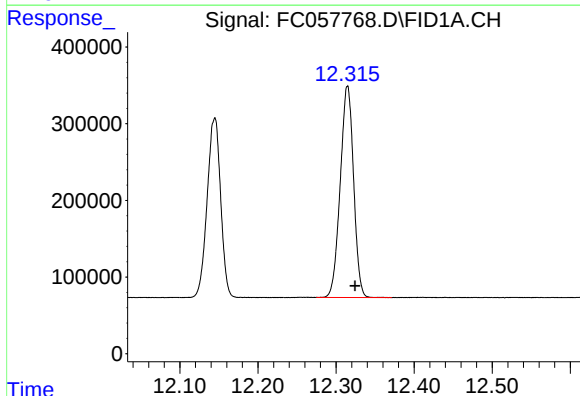
R.T.: 10.706 min
Delta R.T.: -0.011 min
Response: 3714648
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



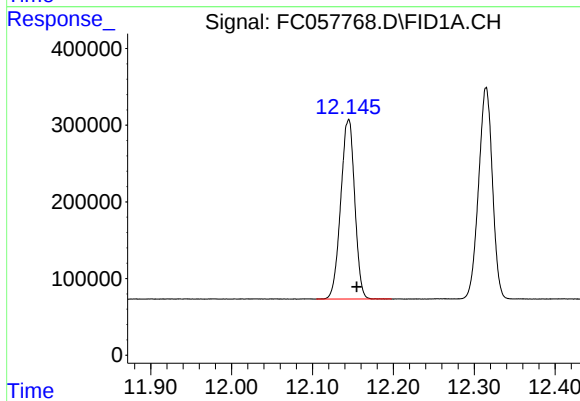
#10 n-Eicosane (C20)

R.T.: 11.706 min
Delta R.T.: -0.010 min
Response: 3294830
Conc: 19.25 ug/ml



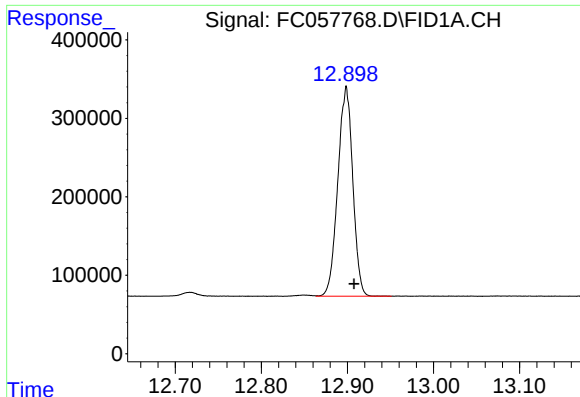
#11 n-Heneicosane (C21)

R.T.: 12.315 min
Delta R.T.: -0.010 min
Response: 3279612
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

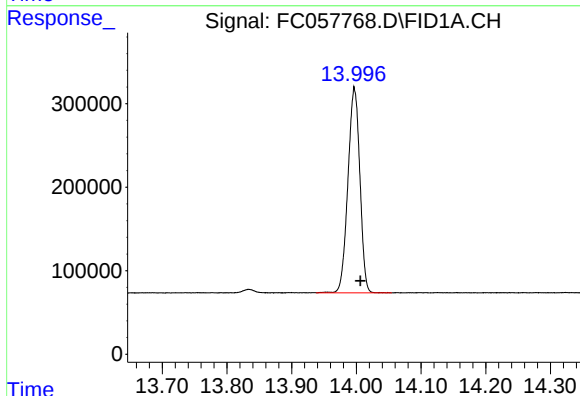
R.T.: 12.144 min
Delta R.T.: -0.010 min
Response: 2813394
Conc: 19.09 ug/ml



#13 n-Docosane (C22)

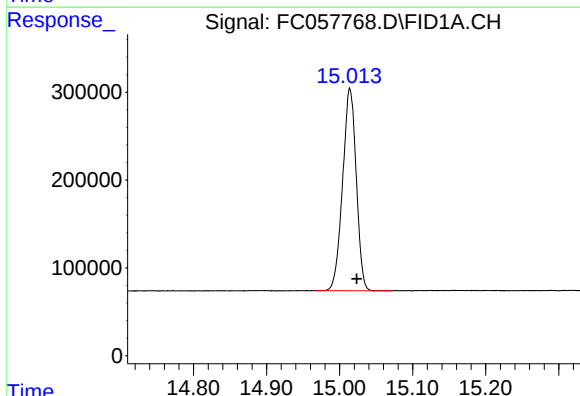
R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 3222504
Conc: 18.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



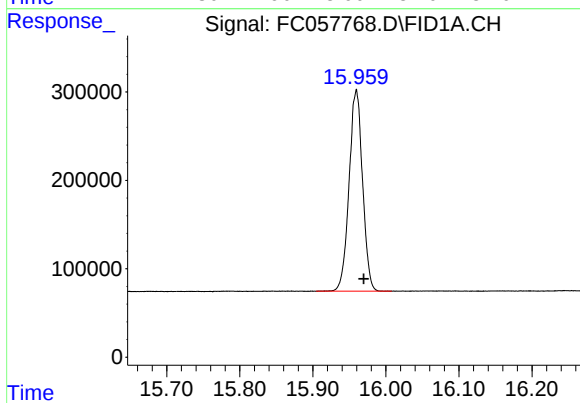
#14 n-Tetracosane (C24)

R.T.: 13.997 min
Delta R.T.: -0.009 min
Response: 3150710
Conc: 18.20 ug/ml



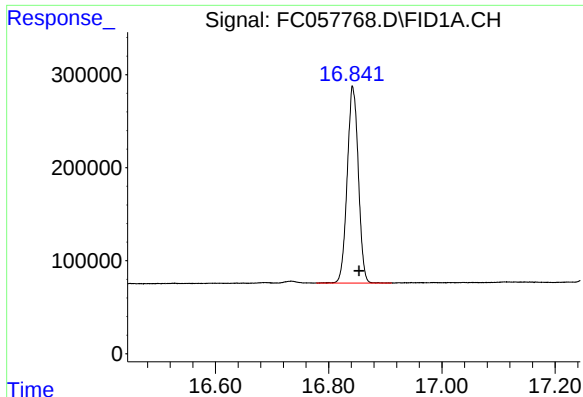
#15 n-Hexacosane (C26)

R.T.: 15.014 min
Delta R.T.: -0.009 min
Response: 2987926
Conc: 17.75 ug/ml



#16 n-Octacosane (C28)

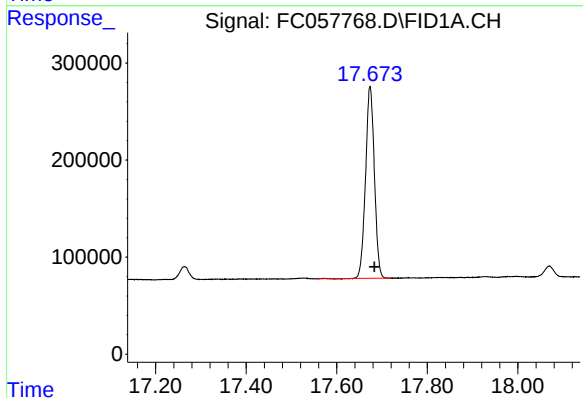
R.T.: 15.959 min
Delta R.T.: -0.010 min
Response: 2916775
Conc: 17.82 ug/ml



#17 n-Tricontane (C30)

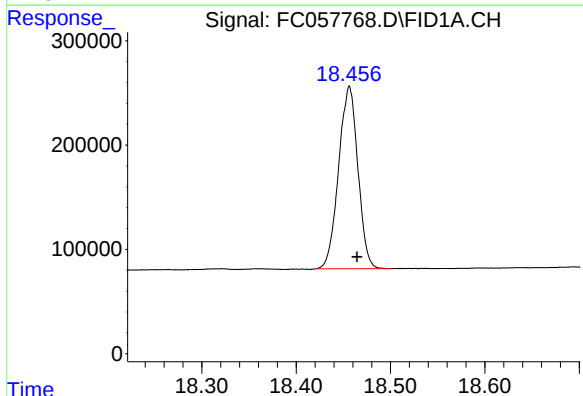
R.T.: 16.843 min
Delta R.T.: -0.011 min
Response: 2880971
Conc: 18.45 ug/ml

Instrument :
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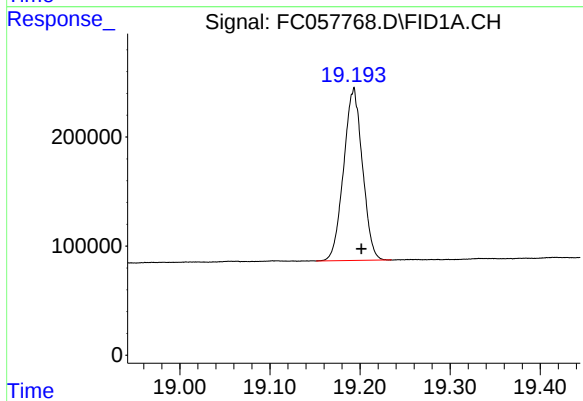
#18 n-Dotriacontane (C32)

R.T.: 17.674 min
Delta R.T.: -0.009 min
Response: 2677491
Conc: 19.20 ug/ml



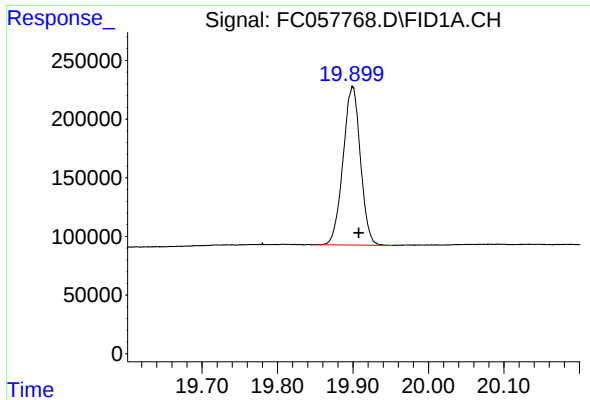
#19 n-Tetratriacontane (C34)

R.T.: 18.456 min
Delta R.T.: -0.008 min
Response: 2478469
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

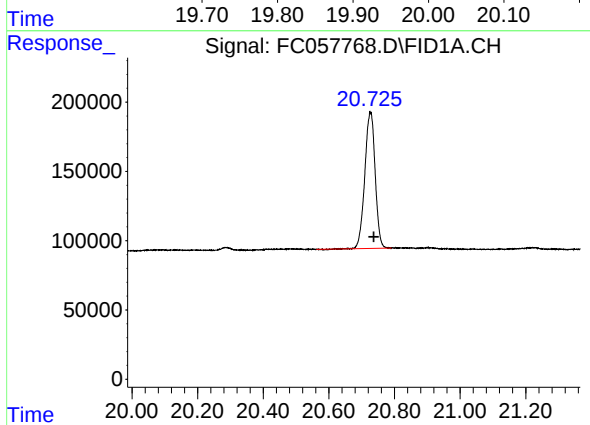
R.T.: 19.193 min
Delta R.T.: -0.009 min
Response: 2287609
Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.899 min
Delta R.T.: -0.008 min
Response: 2155191
Conc: 20.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.727 min
Delta R.T.: -0.011 min
Response: 2159686
Conc: 22.55 ug/ml