

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080521AL\
 Data File : FC055042.D
 Signal(s) : FID1A.CH
 Acq On : 06 Aug 2021 3:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 06 04:14:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.307	2584023	20.524 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	12.748	2017261	20.354 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
Target Compounds			
1) T n-Nonane (C9)	3.139	2347518	22.450 ug/ml
2) T n-Decane (C10)	4.190	2417781	22.959 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2516321	23.158 ug/ml
4) T n-Dodecane (C12)	6.191	2468134	22.729 ug/ml
5) T A~2-methylnaphthalene...	6.804	2560479	23.461 ug/ml
6) T n-Tetradecane (C14)	7.976	2504226	22.432 ug/ml
7) T n-Hexadecane (C16)	9.569	2486473	21.801 ug/ml
8) T n-Octadecane (C18)	11.004	2503370	21.229 ug/ml
10) T n-Eicosane (C20)	12.308	2418252	20.598 ug/ml
11) T n-Heneicosane (C21)	12.917	2411546	20.424 ug/ml
13) T n-Docosane (C22)	13.501	2377271	20.354 ug/ml
14) T n-Tetracosane (C24)	14.600	2304791	19.912 ug/ml
15) T n-Hexacosane (C26)	15.618	2179583	19.448 ug/ml
16) T n-Octacosane (C28)	16.565	2125999	19.581 ug/ml
17) T n-Tricontane (C30)	17.450	2073631	19.860 ug/ml
18) T n-Dotriacontane (C32)	18.279	2018660	20.384 ug/ml
19) T n-Tetratriacontane (C34)	19.061	1989362	20.989 ug/ml
20) T n-Hexatriacontane (C36)	19.798	2185755	24.188 ug/ml
21) T n-Octatriacontane (C38)	20.500	1811468	20.965 ug/ml
22) T n-Tetracontane (C40)	21.309	1965735	22.073 ug/ml

(f)=RT Delta > 1/2 Window

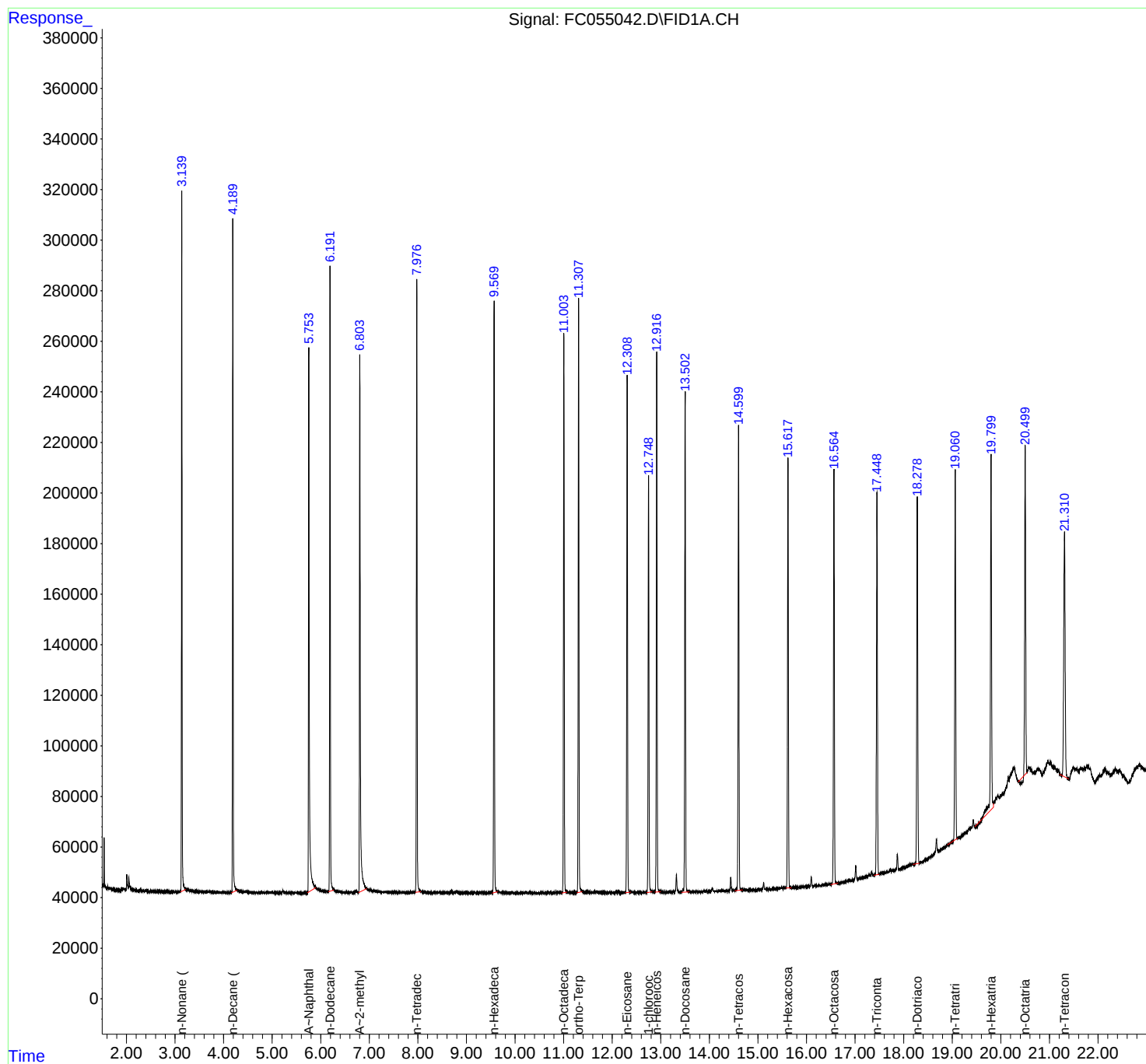
(m)=manual int.

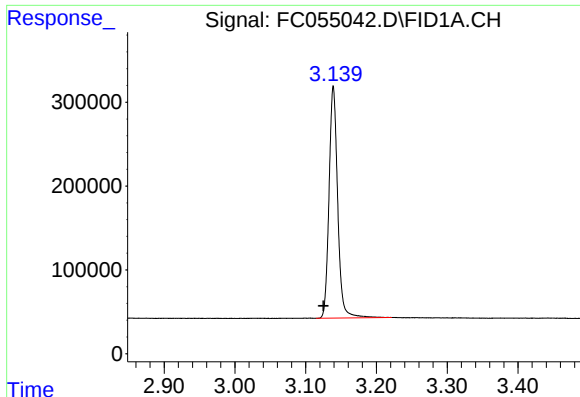
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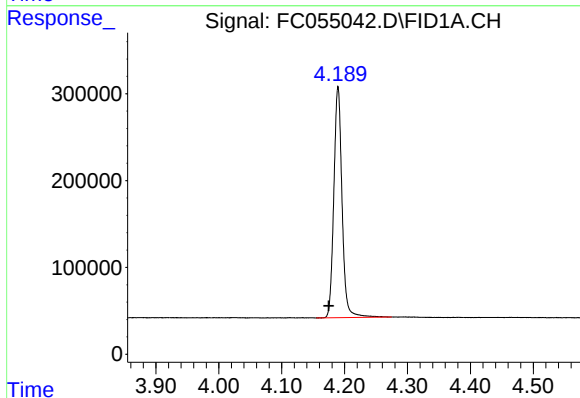




#1 n-Nonane (C9)

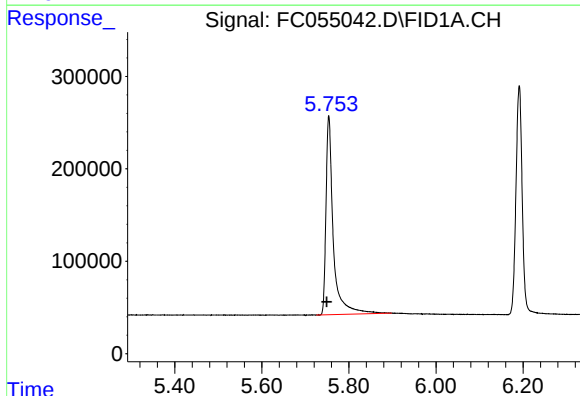
R.T.: 3.139 min
Delta R.T.: 0.014 min
Response: 2347518
Conc: 22.45 ug/ml

Instrument :
FID_C
ClientSampleId :



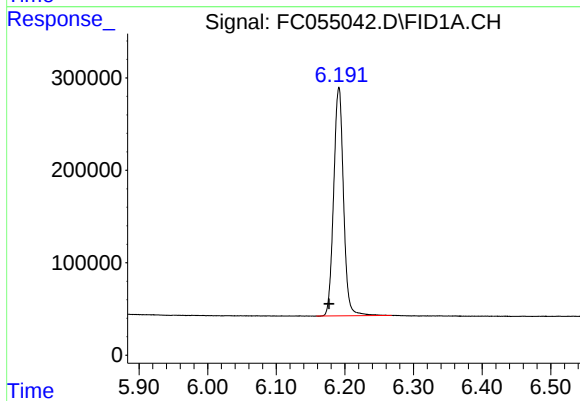
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: 0.015 min
Response: 2417781
Conc: 22.96 ug/ml



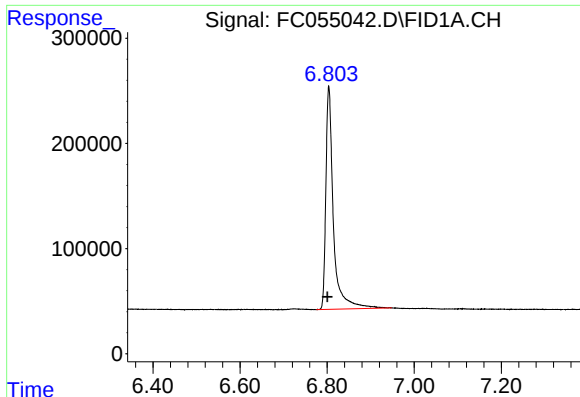
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.005 min
Response: 2516321
Conc: 23.16 ug/ml



#4 n-Dodecane (C12)

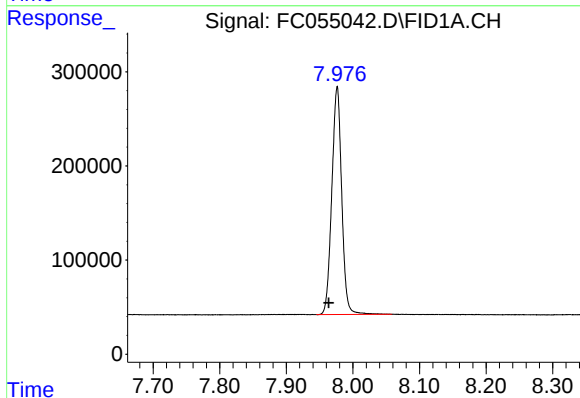
R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 2468134
Conc: 22.73 ug/ml



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

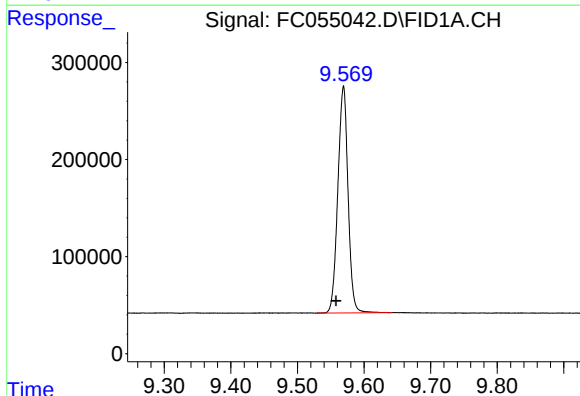
R.T.: 6.804 min
Delta R.T.: 0.004 min
Response: 2560479
Conc: 23.46 ug/ml

Instrument :
FID_C
ClientSampleId :



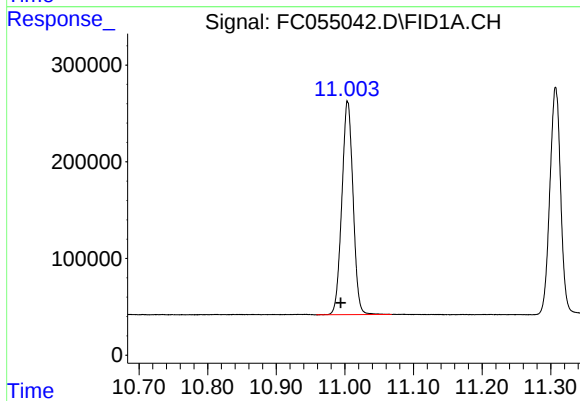
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2504226
Conc: 22.43 ug/ml



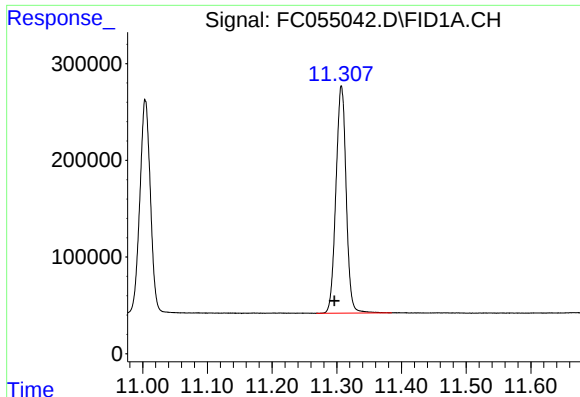
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: 0.011 min
Response: 2486473
Conc: 21.80 ug/ml



#8 n-Octadecane (C18)

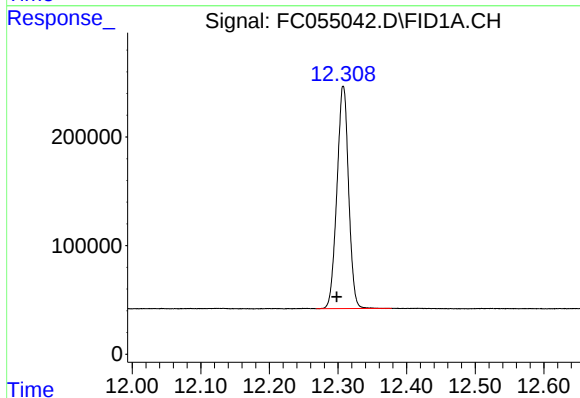
R.T.: 11.004 min
Delta R.T.: 0.010 min
Response: 2503370
Conc: 21.23 ug/ml



#9 ortho-Terphenyl (SURR)

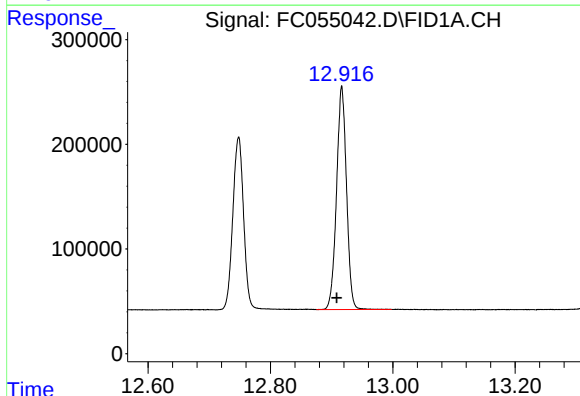
R.T.: 11.307 min
Delta R.T.: 0.011 min
Response: 2584023
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :



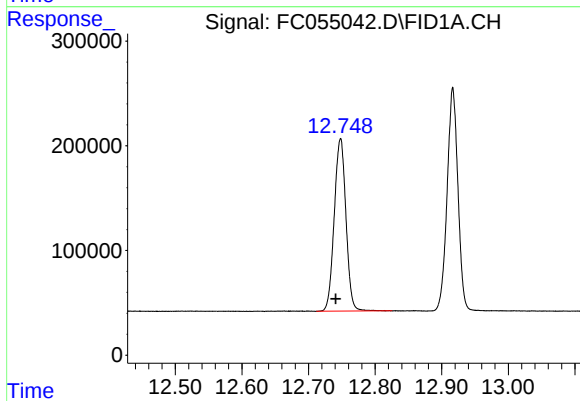
#10 n-Eicosane (C20)

R.T.: 12.308 min
Delta R.T.: 0.010 min
Response: 2418252
Conc: 20.60 ug/ml



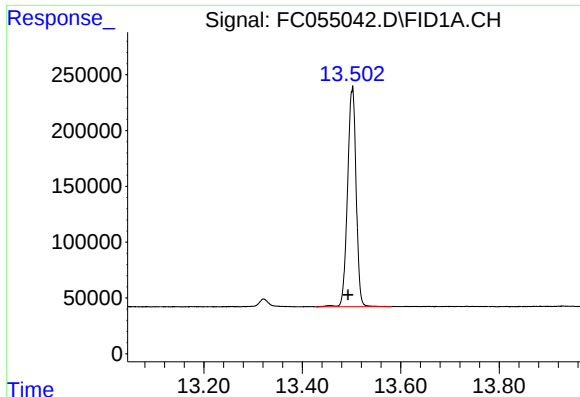
#11 n-Heneicosane (C21)

R.T.: 12.917 min
Delta R.T.: 0.009 min
Response: 2411546
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

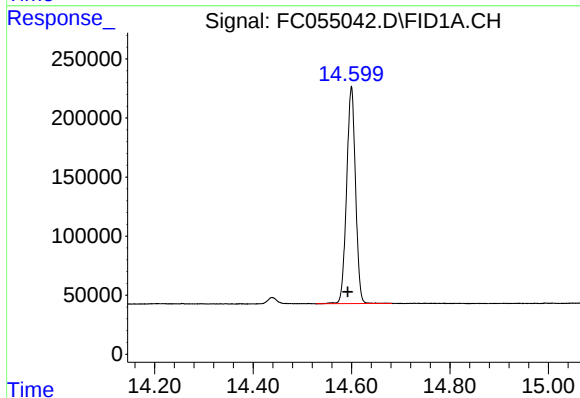
R.T.: 12.748 min
Delta R.T.: 0.007 min
Response: 2017261
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

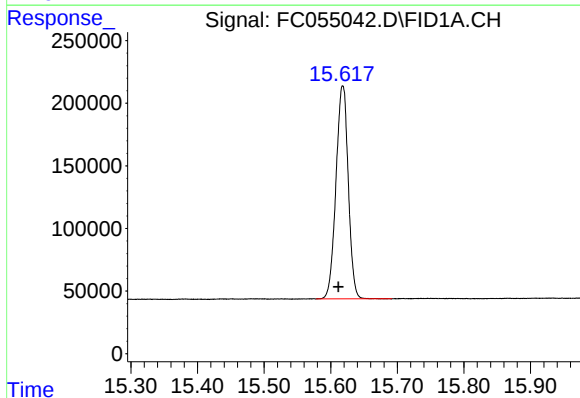
R.T.: 13.501 min
Delta R.T.: 0.008 min
Response: 2377271
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :



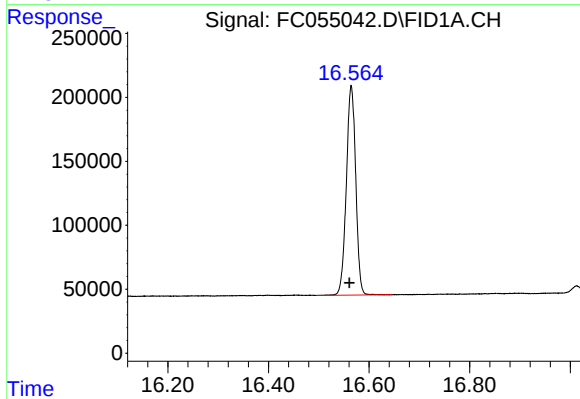
#14 n-Tetracosane (C24)

R.T.: 14.600 min
Delta R.T.: 0.007 min
Response: 2304791
Conc: 19.91 ug/ml



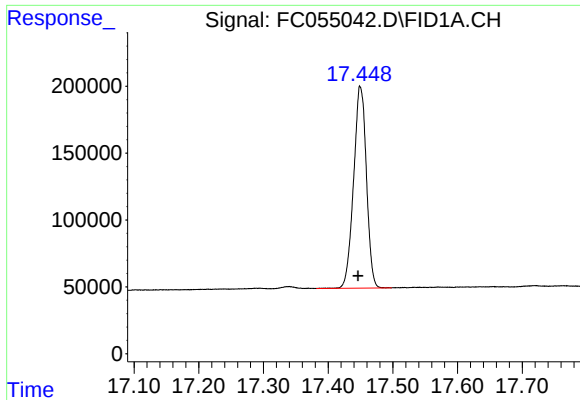
#15 n-Hexacosane (C26)

R.T.: 15.618 min
Delta R.T.: 0.006 min
Response: 2179583
Conc: 19.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.565 min
Delta R.T.: 0.004 min
Response: 2125999
Conc: 19.58 ug/ml



#17 n-Tricontane (C30)

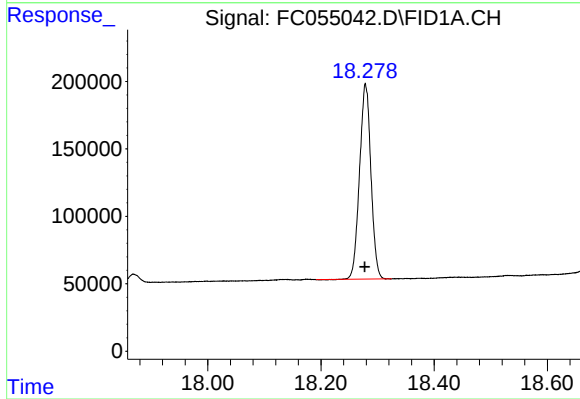
R.T.: 17.450 min

Delta R.T.: 0.004 min

Response: 2073631

Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :



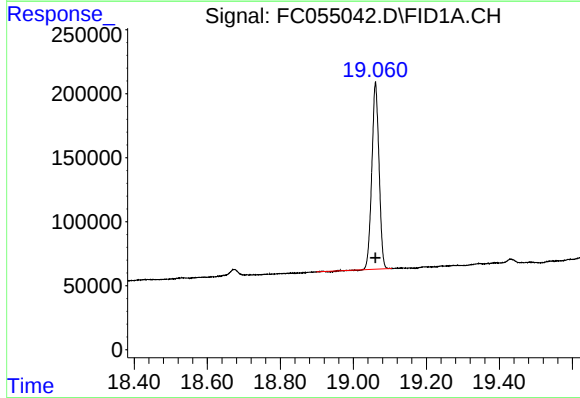
#18 n-Dotriacontane (C32)

R.T.: 18.279 min

Delta R.T.: 0.002 min

Response: 2018660

Conc: 20.38 ug/ml



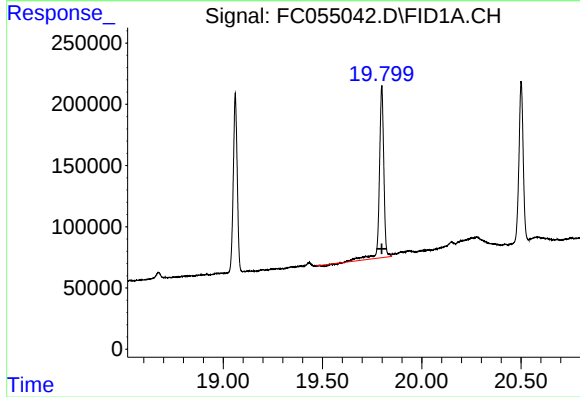
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min

Delta R.T.: 0.000 min

Response: 1989362

Conc: 20.99 ug/ml



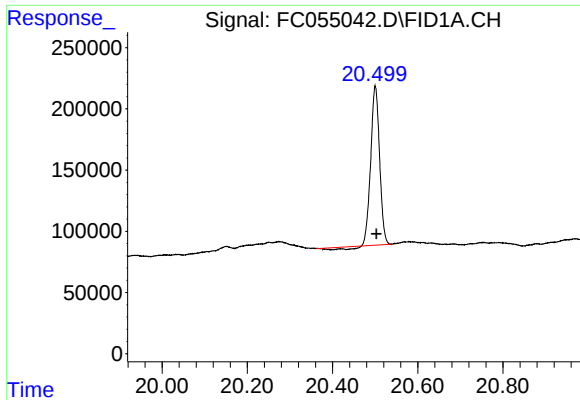
#20 n-Hexatriacontane (C36)

R.T.: 19.798 min

Delta R.T.: -0.001 min

Response: 2185755

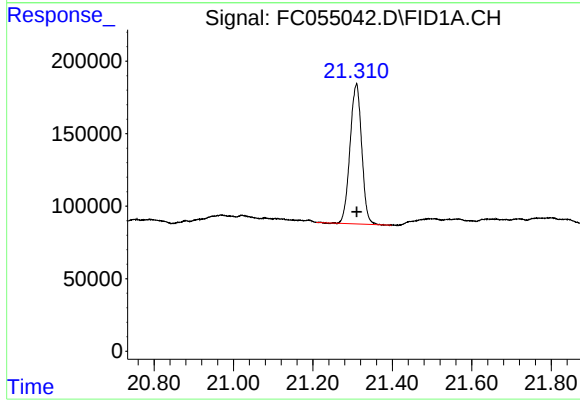
Conc: 24.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.500 min
Delta R.T.: -0.002 min
Response: 1811468
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: 0.000 min
Response: 1965735
Conc: 22.07 ug/ml