

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057205.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2021 18:12
 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: sample.E
 Quant Time: Dec 03 21:41:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 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)	11.588	2186604	18.842 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
12) S 1-chlorooctadecane (S...	13.020	1689598	18.559 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.352	2069349	20.422 ug/ml
2) T n-Decane (C10)	4.418	2076955	20.741 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2294829	20.552 ug/ml
4) T n-Dodecane (C12)	6.435	2106724	20.778 ug/ml
5) T A~2-methylnaphthalene...	7.064	2298509	20.846 ug/ml
6) T n-Tetradecane (C14)	8.228	2099171	20.718 ug/ml
7) T n-Hexadecane (C16)	9.827	2090878	20.376 ug/ml
8) T n-Octadecane (C18)	11.268	2120627	19.793 ug/ml
10) T n-Eicosane (C20)	12.575	2047120	19.140 ug/ml
11) T n-Heneicosane (C21)	13.186	2029744	18.743 ug/ml
13) T n-Docosane (C22)	13.771	1981293	18.494 ug/ml
14) T n-Tetracosane (C24)	14.871	1913723	17.678 ug/ml
15) T n-Hexacosane (C26)	15.889	1832625	17.205 ug/ml
16) T n-Octacosane (C28)	16.836	1791775	16.798 ug/ml
17) T n-Tricontane (C30)	17.721	1764698	16.557 ug/ml
18) T n-Dotriacontane (C32)	18.551	1739443	16.491 ug/ml
19) T n-Tetratriacontane (C34)	19.330	1751382	16.858 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1729886	17.126 ug/ml
21) T n-Octatriacontane (C38)	20.799	1698786	18.506 ug/ml
22) T n-Tetracontane (C40)	21.702	1700646	18.878 ug/ml

(f)=RT Delta > 1/2 Window

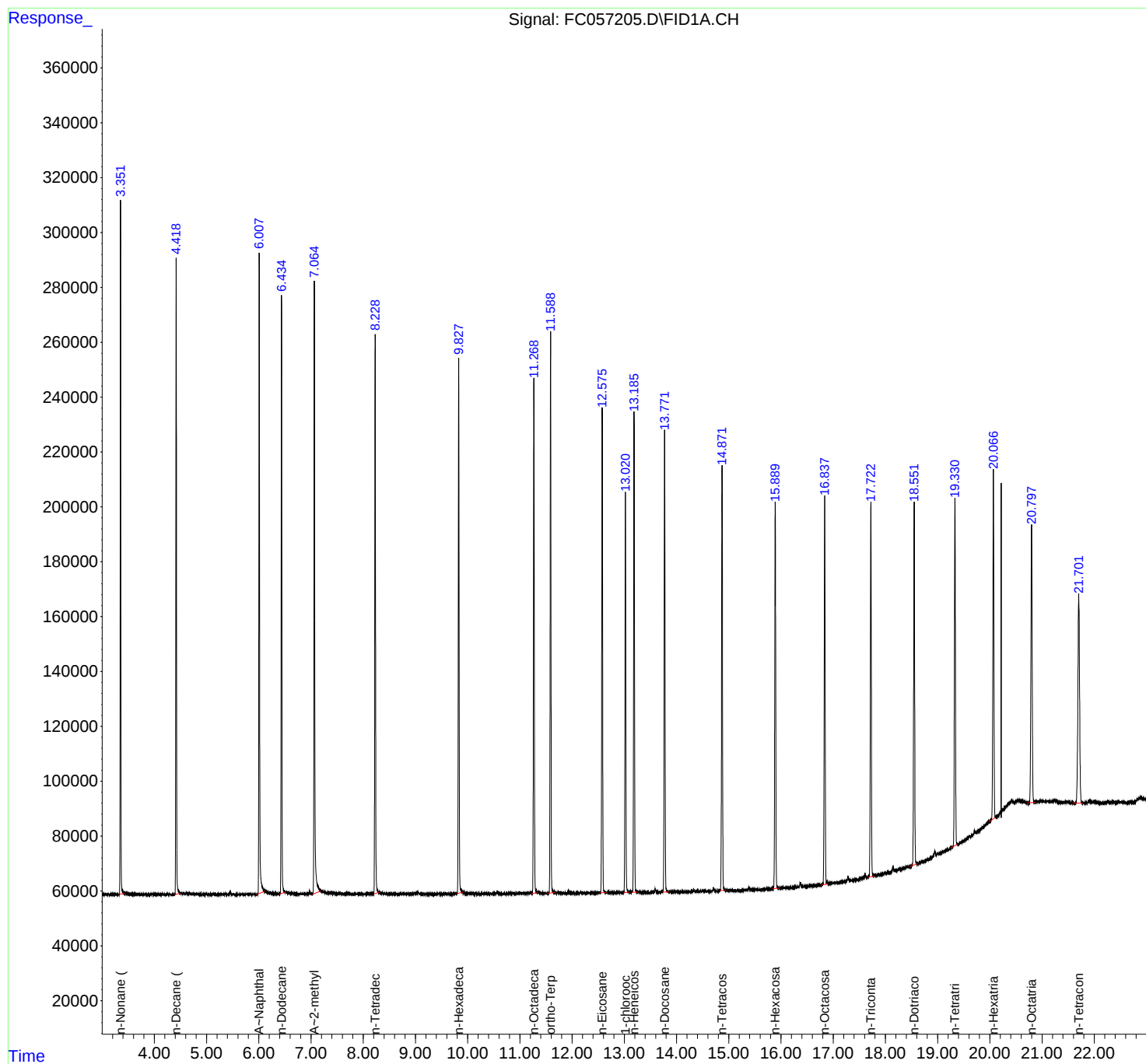
(m)=manual int.

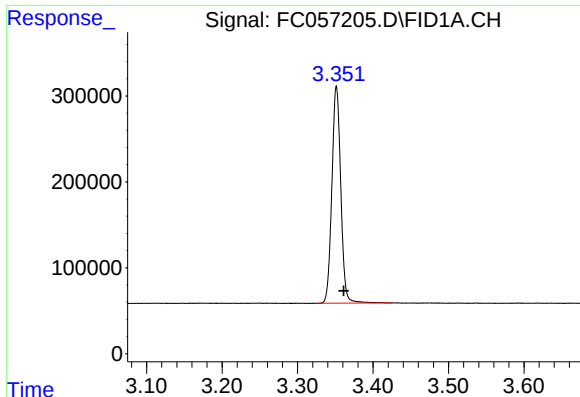
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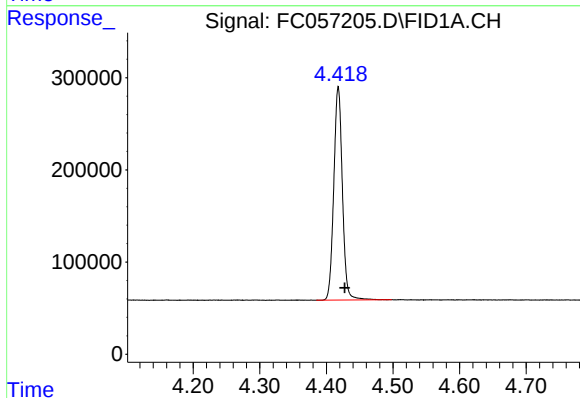




#1 n-Nonane (C9)

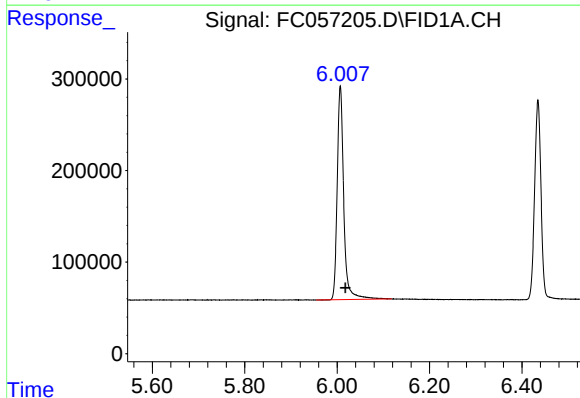
R.T.: 3.352 min
Delta R.T.: -0.009 min
Response: 2069349
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



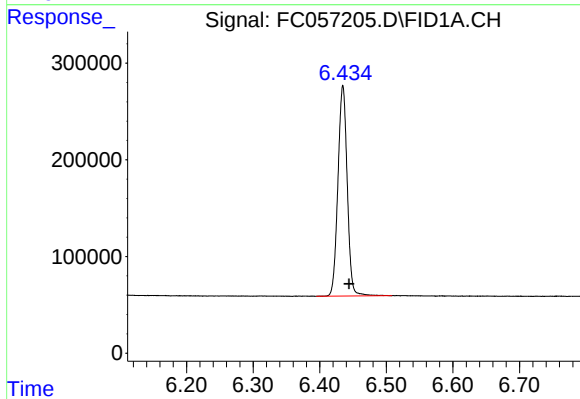
#2 n-Decane (C10)

R.T.: 4.418 min
Delta R.T.: -0.010 min
Response: 2076955
Conc: 20.74 ug/ml



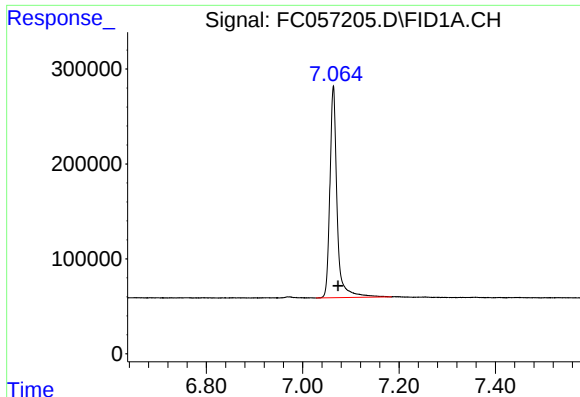
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.011 min
Response: 2294829
Conc: 20.55 ug/ml



#4 n-Dodecane (C12)

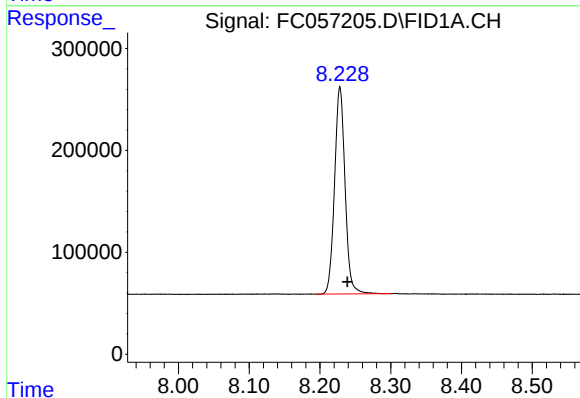
R.T.: 6.435 min
Delta R.T.: -0.010 min
Response: 2106724
Conc: 20.78 ug/ml



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

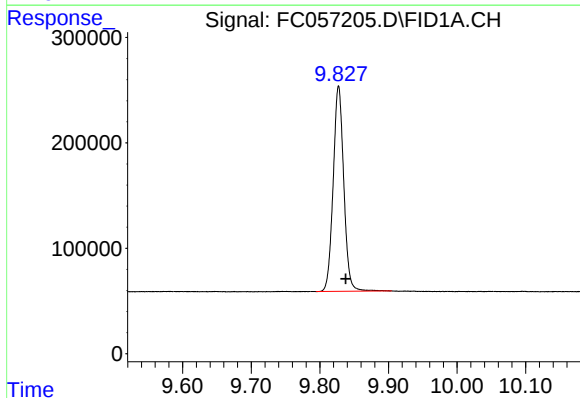
R.T.: 7.064 min
Delta R.T.: -0.010 min
Response: 2298509
Conc: 20.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



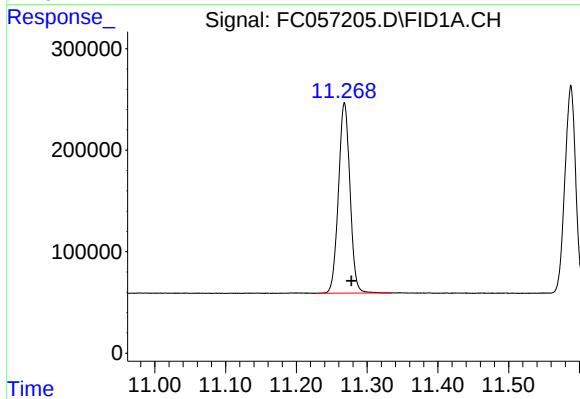
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: -0.011 min
Response: 2099171
Conc: 20.72 ug/ml



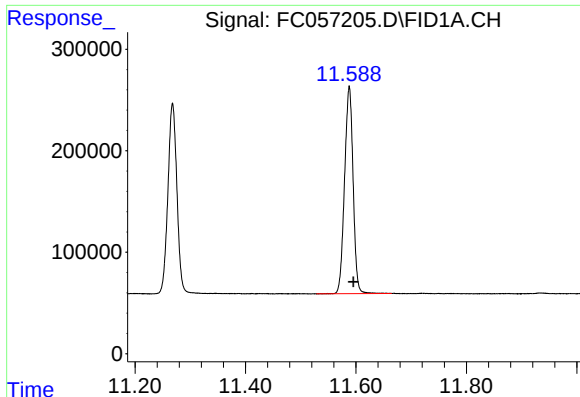
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: -0.010 min
Response: 2090878
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

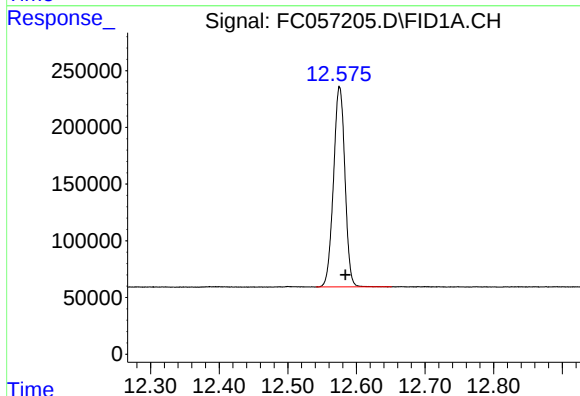
R.T.: 11.268 min
Delta R.T.: -0.010 min
Response: 2120627
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

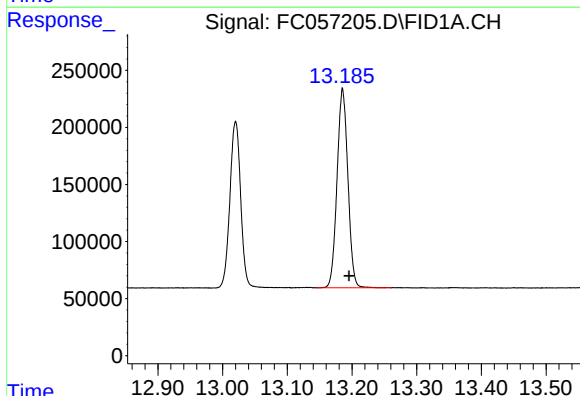
R.T.: 11.588 min
Delta R.T.: -0.008 min
Response: 2186604
Conc: 18.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



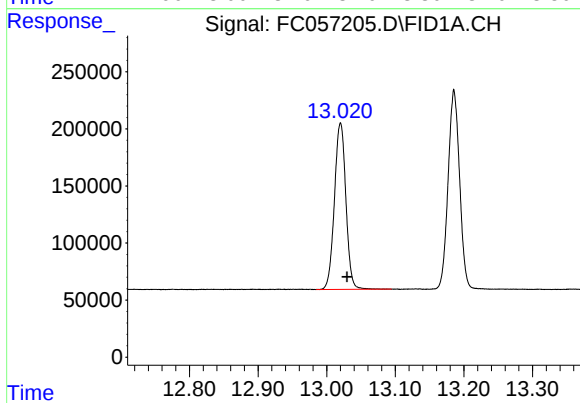
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.009 min
Response: 2047120
Conc: 19.14 ug/ml



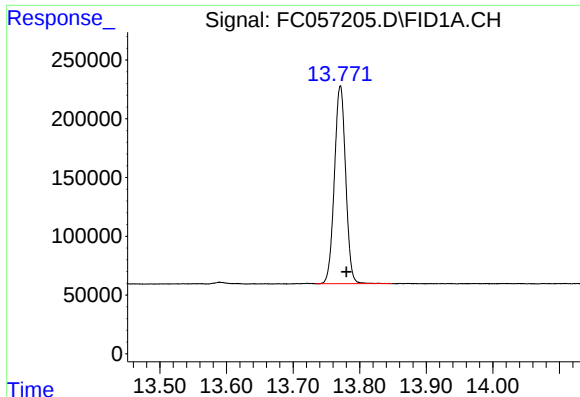
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.010 min
Response: 2029744
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

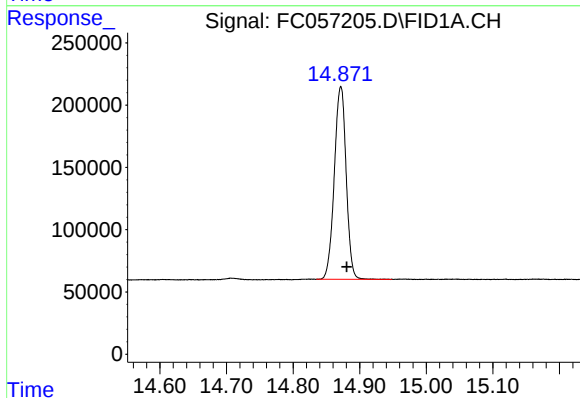
R.T.: 13.020 min
Delta R.T.: -0.010 min
Response: 1689598
Conc: 18.56 ug/ml



#13 n-Docosane (C22)

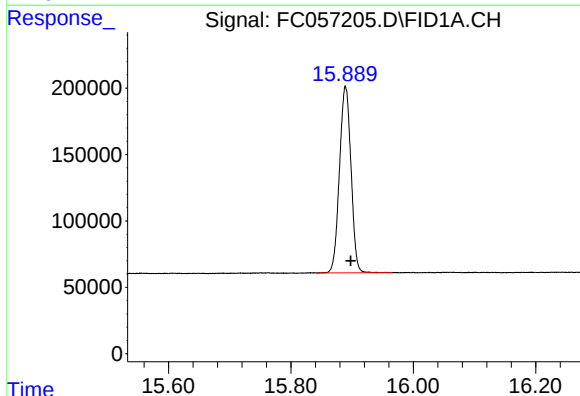
R.T.: 13.771 min
Delta R.T.: -0.009 min
Response: 1981293
Conc: 18.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



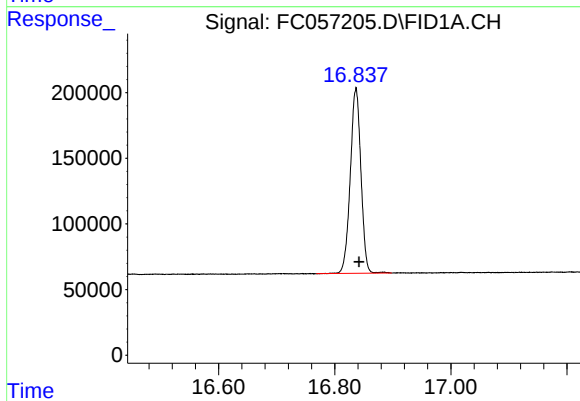
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.009 min
Response: 1913723
Conc: 17.68 ug/ml



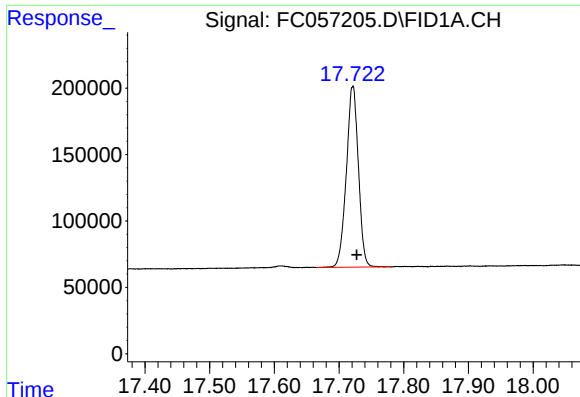
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: -0.009 min
Response: 1832625
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

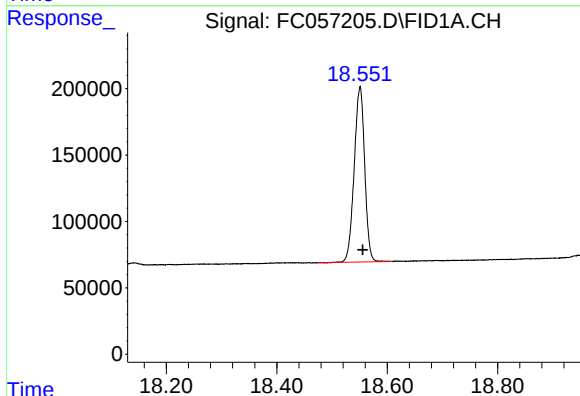
R.T.: 16.836 min
Delta R.T.: -0.006 min
Response: 1791775
Conc: 16.80 ug/ml



#17 n-Tricontane (C30)

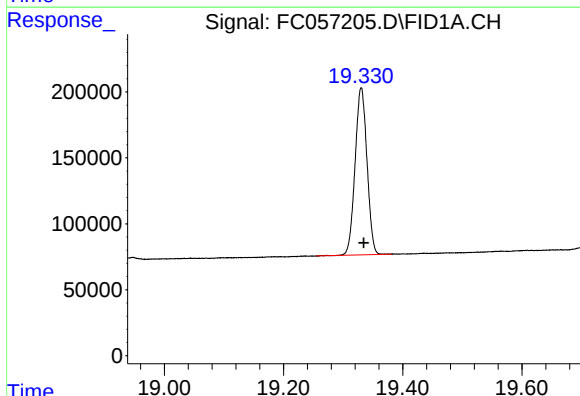
R.T.: 17.721 min
Delta R.T.: -0.006 min
Response: 1764698
Conc: 16.56 ug/ml

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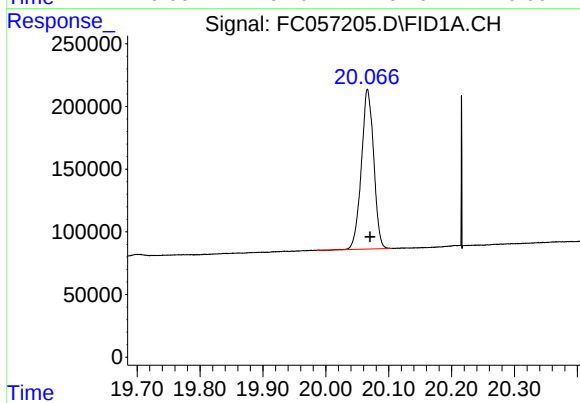
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.005 min
Response: 1739443
Conc: 16.49 ug/ml



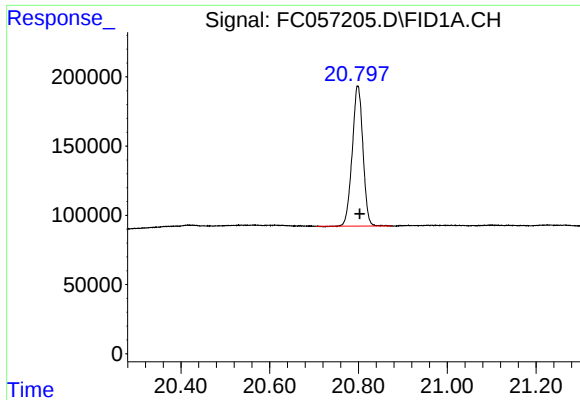
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.004 min
Response: 1751382
Conc: 16.86 ug/ml



#20 n-Hexatriacontane (C36)

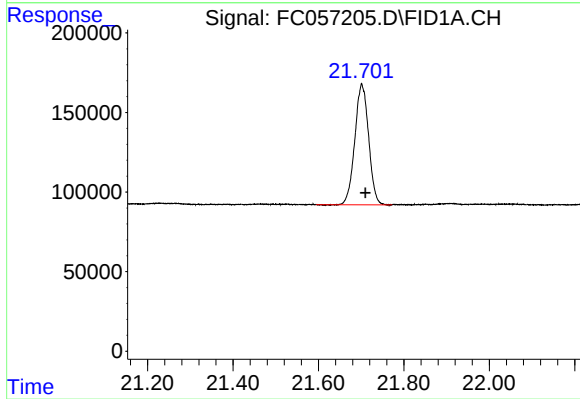
R.T.: 20.067 min
Delta R.T.: -0.004 min
Response: 1729886
Conc: 17.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.004 min
Response: 1698786
Conc: 18.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.009 min
Response: 1700646
Conc: 18.88 ug/ml