

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092220AL\
 Data File : FC049715.D
 Signal(s) : FID1A.CH
 Acq On : 23 Sep 2020 9:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 23 10:06:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 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)	11.659	2134155	18.575 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
12) S 1-chlorooctadecane (S...	13.092	1630242	18.302 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.397	2170334	20.979 ug/ml
2) T n-Decane (C10)	4.470	2183834	21.025 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2352891	20.464 ug/ml
4) T n-Dodecane (C12)	6.494	2188239	20.701 ug/ml
5) T A~2-methylnaphthalene...	7.125	2351613	20.113 ug/ml
6) T n-Tetradecane (C14)	8.291	2127231	20.164 ug/ml
7) T n-Hexadecane (C16)	9.893	2032826	19.534 ug/ml
8) T n-Octadecane (C18)	11.336	2054646	19.118 ug/ml
10) T n-Eicosane (C20)	12.647	1996988	18.649 ug/ml
11) T n-Heneicosane (C21)	13.258	1964212	18.458 ug/ml
13) T n-Docosane (C22)	13.845	1940026	18.333 ug/ml
14) T n-Tetracosane (C24)	14.946	1895820	18.117 ug/ml
15) T n-Hexacosane (C26)	15.967	1867347	18.267 ug/ml
16) T n-Octacosane (C28)	16.916	1883560	18.742 ug/ml
17) T n-Tricontane (C30)	17.802	1888285	19.394 ug/ml
18) T n-Dotriacontane (C32)	18.634	1806457	19.991 ug/ml
19) T n-Tetratriacontane (C34)	19.417	1750214	20.446 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1691152	20.991 ug/ml
21) T n-Octatriacontane (C38)	20.907	1618856	21.384 ug/ml
22) T n-Tetracontane (C40)	21.851	1657808	21.306 ug/ml

(f)=RT Delta > 1/2 Window

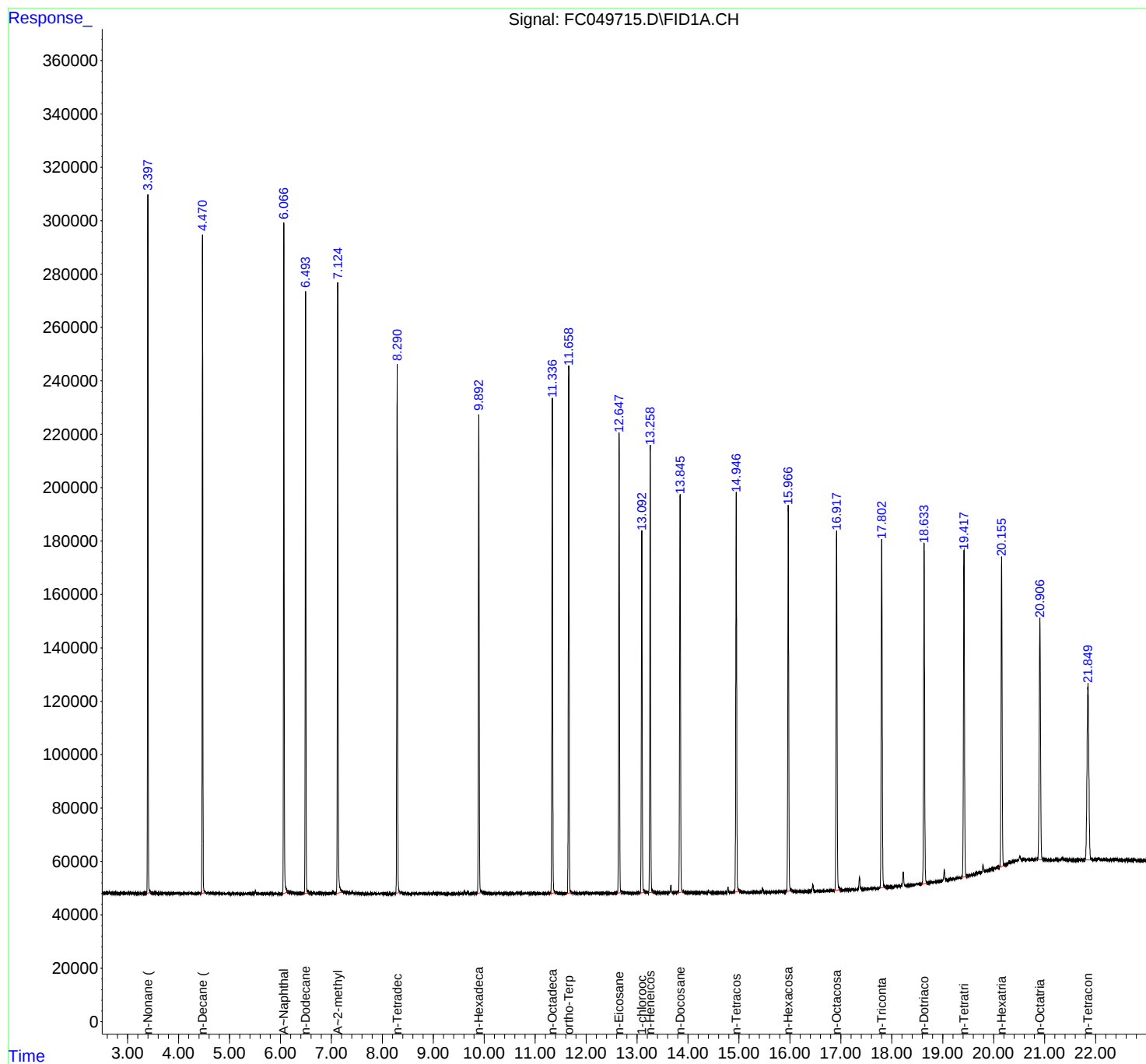
(m)=manual int.

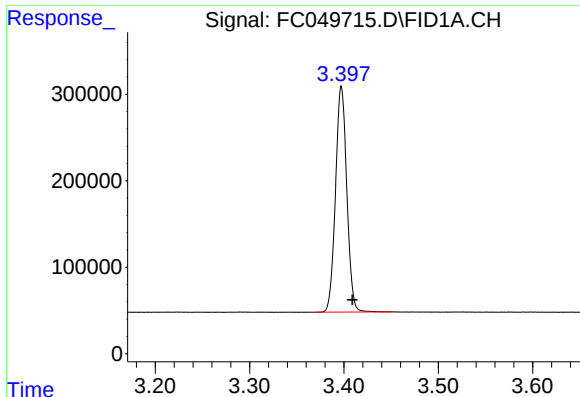
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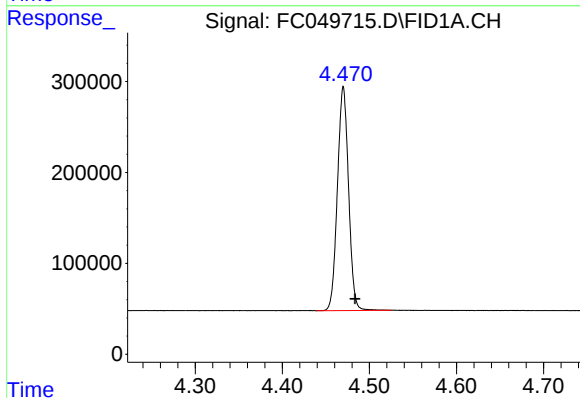




#1 n-Nonane (C9)

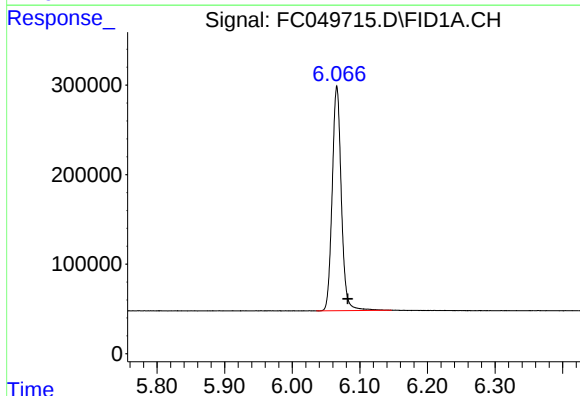
R.T.: 3.397 min
Delta R.T.: -0.012 min
Response: 2170334
Conc: 20.98 ug/ml

Instrument :
FID_C
ClientSampleId :



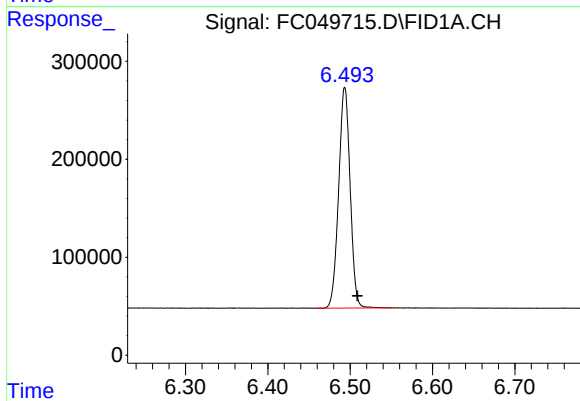
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.013 min
Response: 2183834
Conc: 21.03 ug/ml



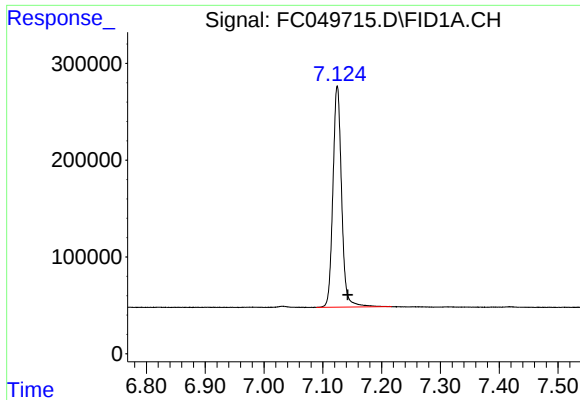
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.016 min
Response: 2352891
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

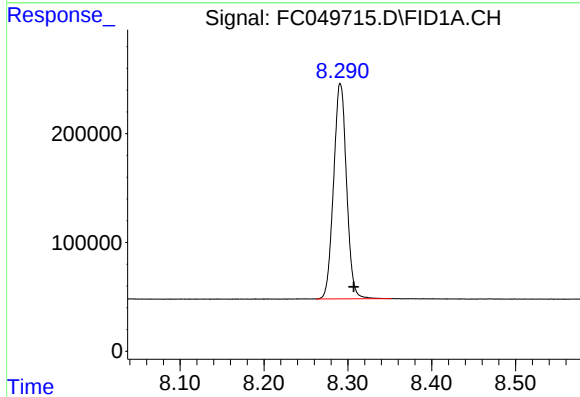
R.T.: 6.494 min
Delta R.T.: -0.015 min
Response: 2188239
Conc: 20.70 ug/ml



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

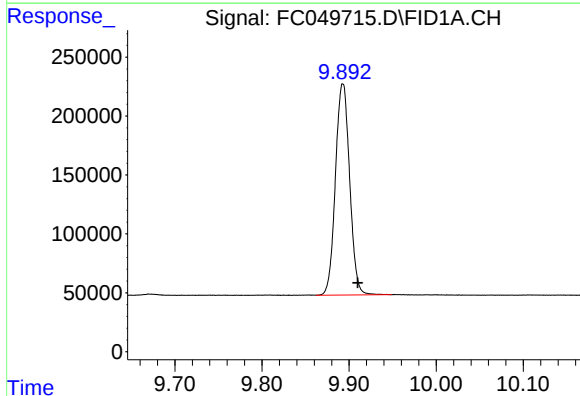
R.T.: 7.125 min
Delta R.T.: -0.018 min
Response: 2351613
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :



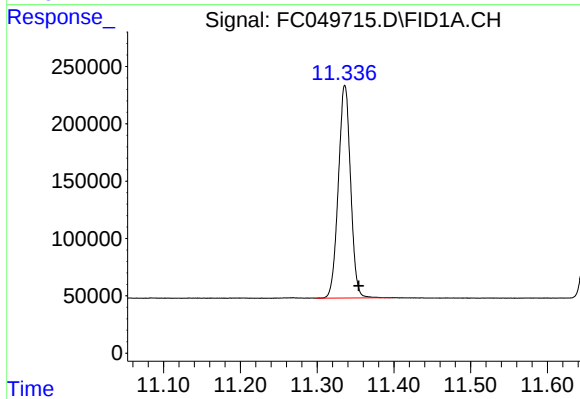
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.016 min
Response: 2127231
Conc: 20.16 ug/ml



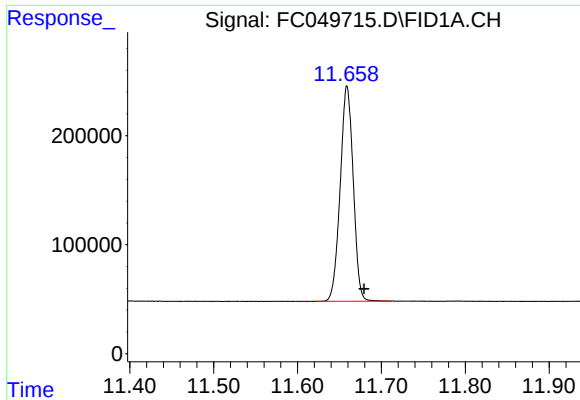
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.017 min
Response: 2032826
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

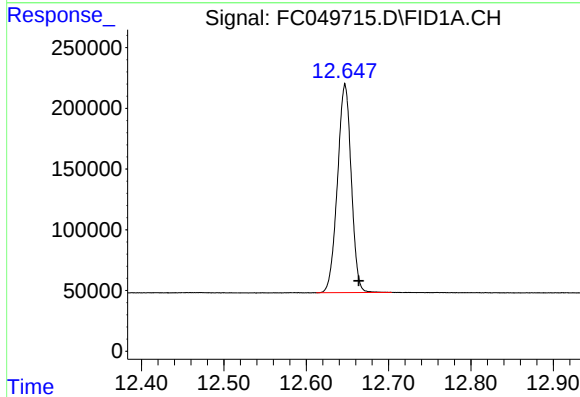
R.T.: 11.336 min
Delta R.T.: -0.018 min
Response: 2054646
Conc: 19.12 ug/ml



#9 ortho-Terphenyl (SURR)

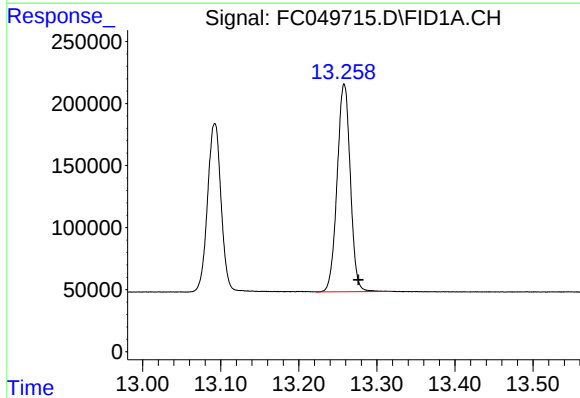
R.T.: 11.659 min
Delta R.T.: -0.020 min
Response: 2134155
Conc: 18.57 ug/ml

Instrument :
FID_C
ClientSampleId :



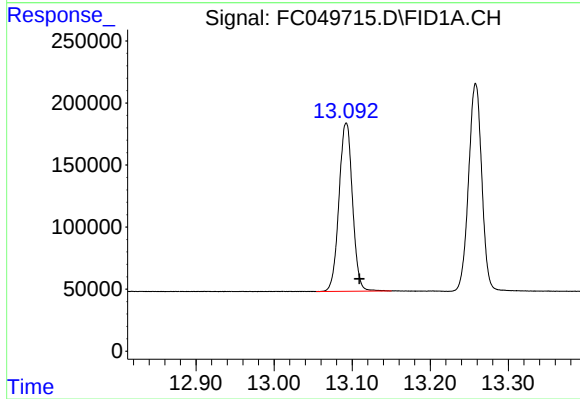
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: -0.017 min
Response: 1996988
Conc: 18.65 ug/ml



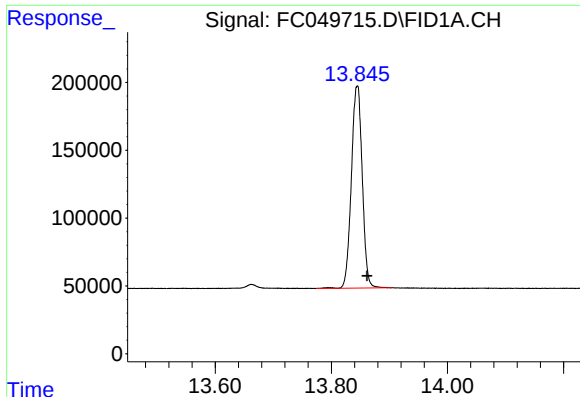
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.018 min
Response: 1964212
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

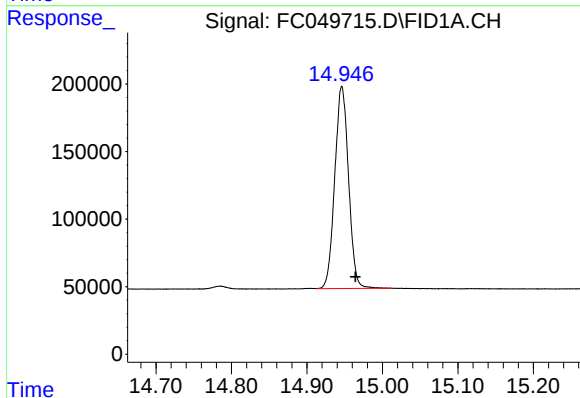
R.T.: 13.092 min
Delta R.T.: -0.017 min
Response: 1630242
Conc: 18.30 ug/ml



#13 n-Docosane (C22)

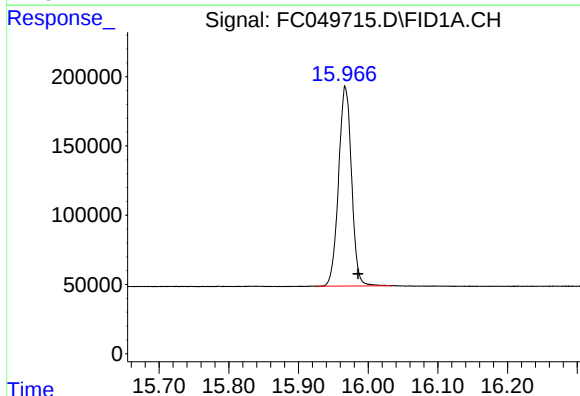
R.T.: 13.845 min
Delta R.T.: -0.017 min
Response: 1940026
Conc: 18.33 ug/ml

Instrument :
FID_C
ClientSampleId :



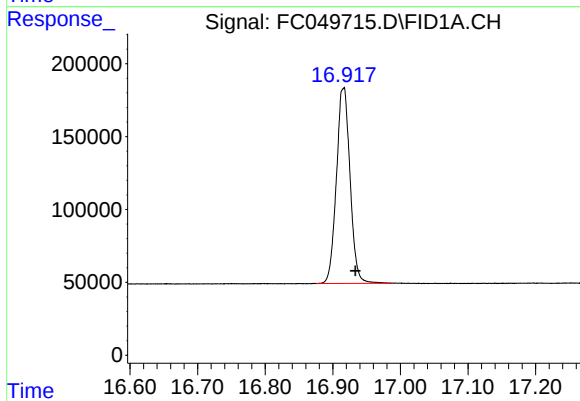
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: -0.018 min
Response: 1895820
Conc: 18.12 ug/ml



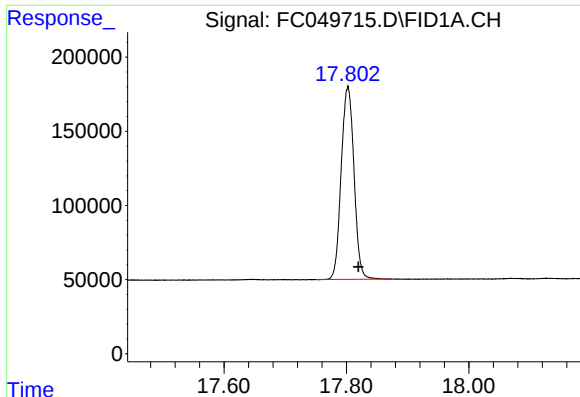
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.018 min
Response: 1867347
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

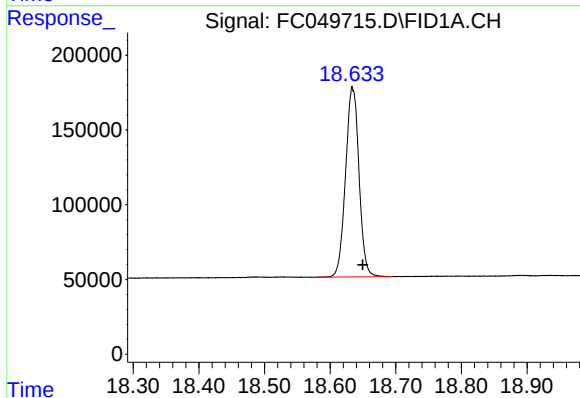
R.T.: 16.916 min
Delta R.T.: -0.018 min
Response: 1883560
Conc: 18.74 ug/ml



#17 n-Tricontane (C30)

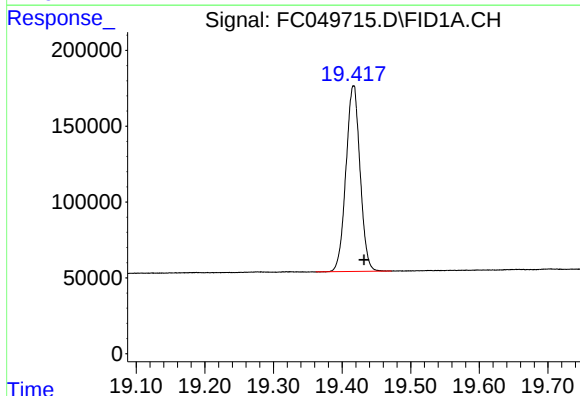
R.T.: 17.802 min
Delta R.T.: -0.017 min
Response: 1888285
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :



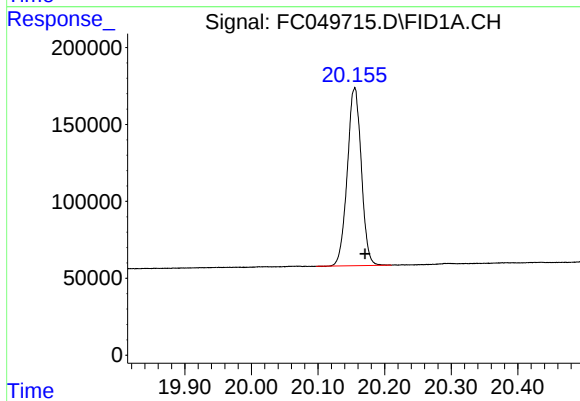
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.016 min
Response: 1806457
Conc: 19.99 ug/ml



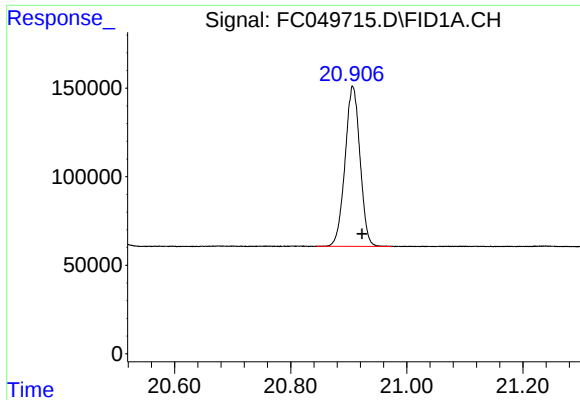
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.015 min
Response: 1750214
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

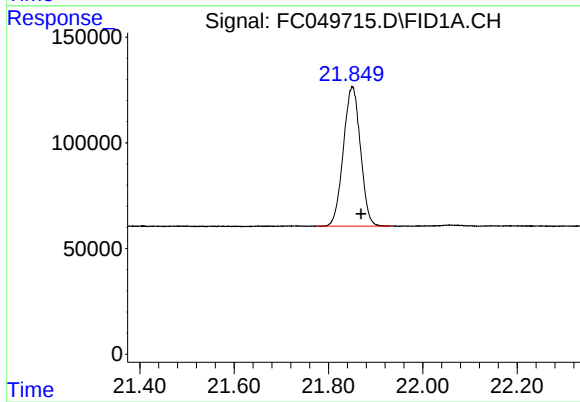
R.T.: 20.155 min
Delta R.T.: -0.016 min
Response: 1691152
Conc: 20.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.016 min
Response: 1618856
Conc: 21.38 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.018 min
Response: 1657808
Conc: 21.31 ug/ml