

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121620AL\
 Data File : FC051319.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2020 11:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 00:08:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.573	1998063	16.239 ug/ml
Spiked Amount 50.000		Recovery =	32.48%
12) S 1-chlorooctadecane (S...	13.007	1532513	15.710 ug/ml
Spiked Amount 50.000		Recovery =	31.42%
Target Compounds			
1) T n-Nonane (C9)	3.333	1970035	18.512 ug/ml
2) T n-Decane (C10)	4.401	1963347	18.486 ug/ml
3) T A~Naphthalene (C11.7)	5.992	2046039	18.199 ug/ml
4) T n-Dodecane (C12)	6.418	2006716	18.443 ug/ml
5) T A~2-methylnaphthalene...	7.049	1993785	17.642 ug/ml
6) T n-Tetradecane (C14)	8.213	1964883	18.160 ug/ml
7) T n-Hexadecane (C16)	9.813	1905655	17.758 ug/ml
8) T n-Octadecane (C18)	11.254	1934069	16.957 ug/ml
10) T n-Eicosane (C20)	12.562	1883457	16.213 ug/ml
11) T n-Heneicosane (C21)	13.173	1847429	15.945 ug/ml
13) T n-Docosane (C22)	13.759	1811738	15.642 ug/ml
14) T n-Tetracosane (C24)	14.860	1759798	15.301 ug/ml
15) T n-Hexacosane (C26)	15.880	1719859	15.275 ug/ml
16) T n-Octacosane (C28)	16.827	1723005	15.561 ug/ml
17) T n-Tricontane (C30)	17.714	1702747	16.029 ug/ml
18) T n-Dotriacontane (C32)	18.544	1621920	16.599 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1553112	17.402 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1569868	18.823 ug/ml
21) T n-Octatriacontane (C38)	20.800	1421242	18.250 ug/ml
22) T n-Tetracontane (C40)	21.709	1477411	17.843 ug/ml

(f)=RT Delta > 1/2 Window

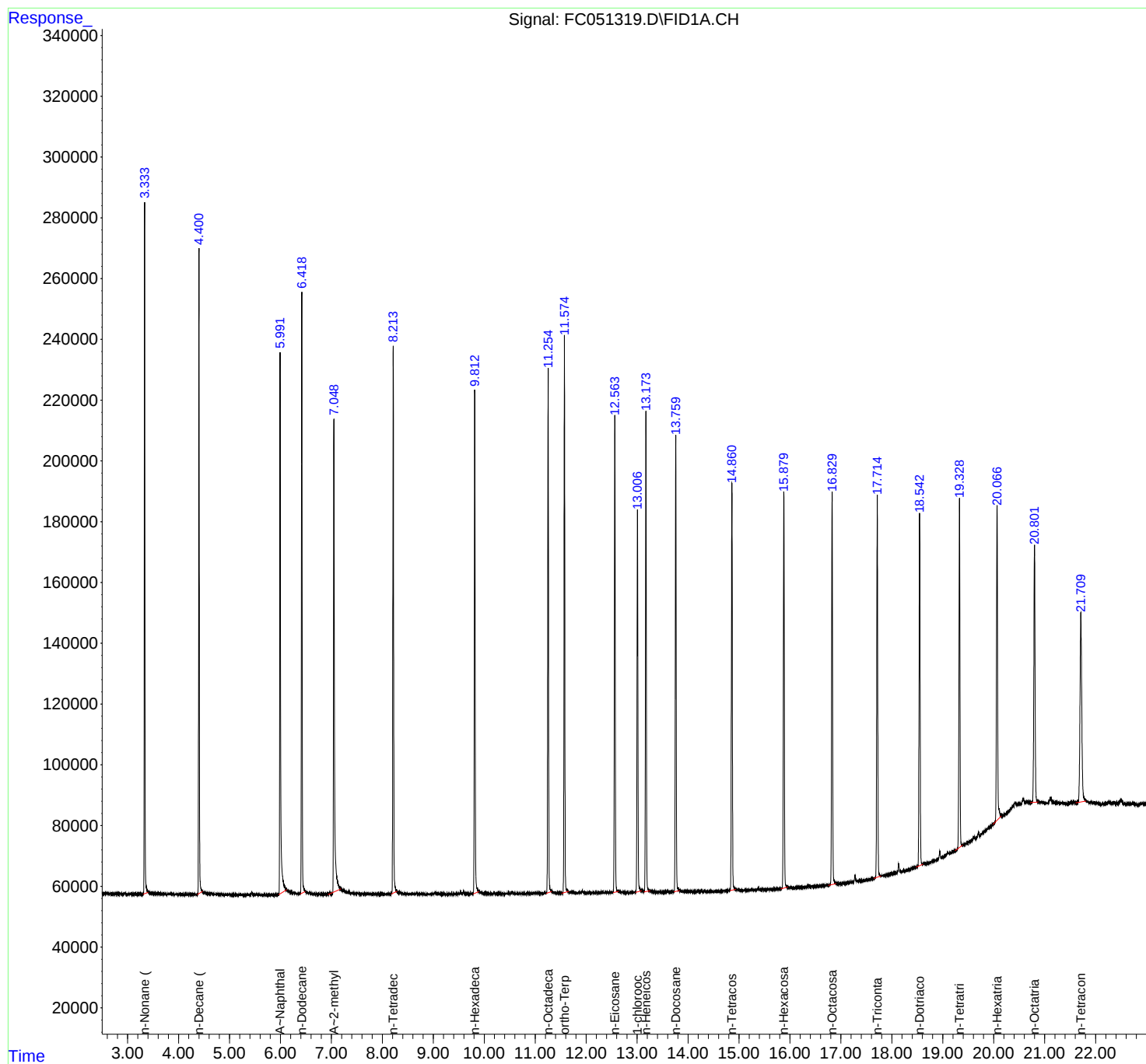
(m)=manual int.

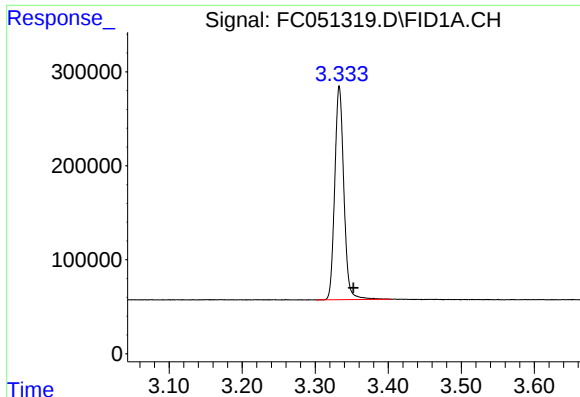
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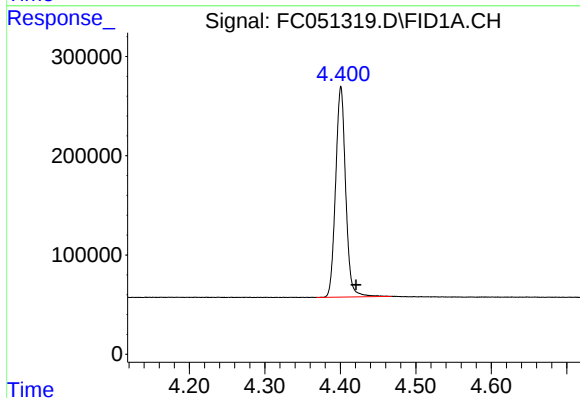




#1 n-Nonane (C9)

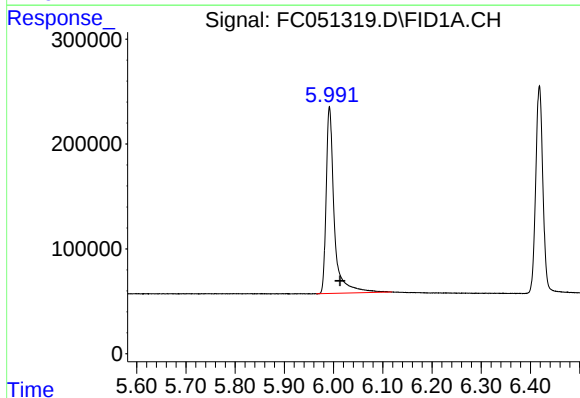
R.T.: 3.333 min
Delta R.T.: -0.019 min
Response: 1970035
Conc: 18.51 ug/ml

Instrument :
FID_C
ClientSampleId :



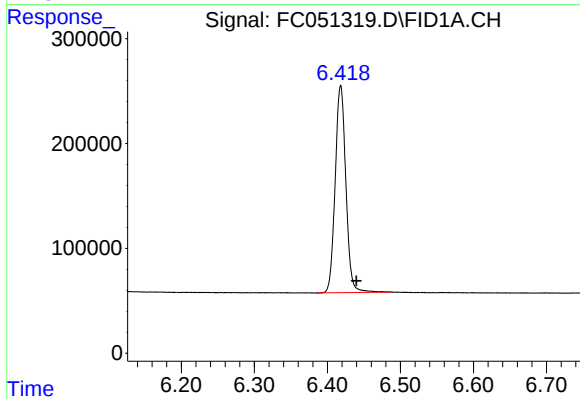
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.020 min
Response: 1963347
Conc: 18.49 ug/ml



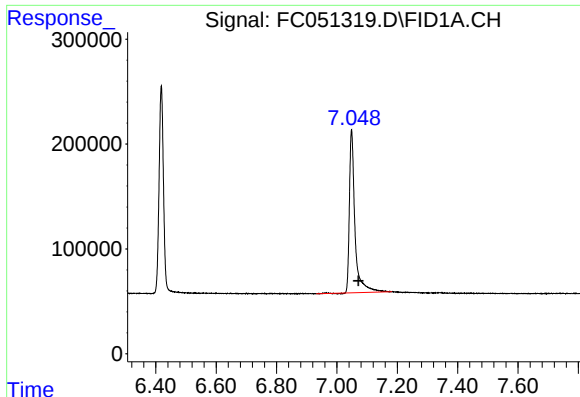
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.021 min
Response: 2046039
Conc: 18.20 ug/ml



#4 n-Dodecane (C12)

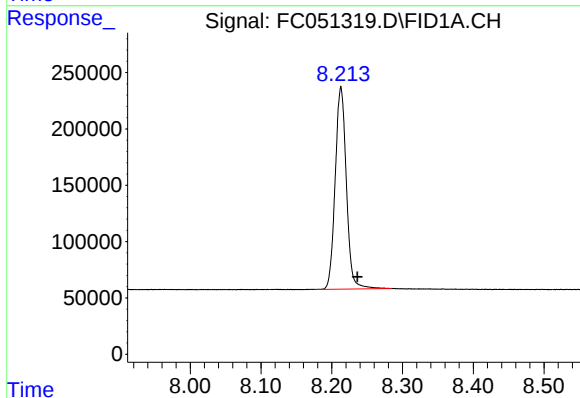
R.T.: 6.418 min
Delta R.T.: -0.022 min
Response: 2006716
Conc: 18.44 ug/ml



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

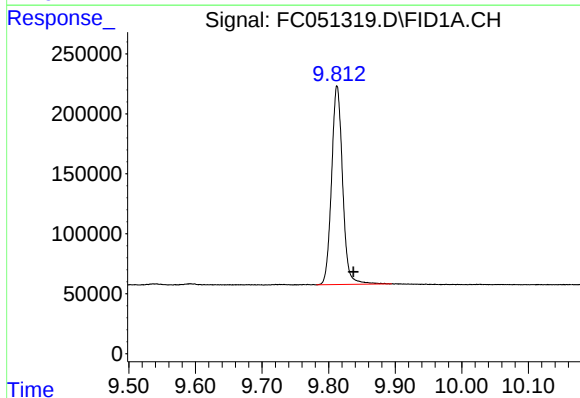
R.T.: 7.049 min
Delta R.T.: -0.022 min
Response: 1993785
Conc: 17.64 ug/ml

Instrument :
FID_C
ClientSampleId :



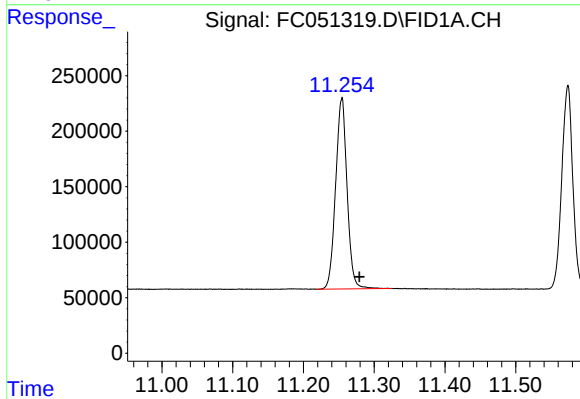
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: -0.023 min
Response: 1964883
Conc: 18.16 ug/ml



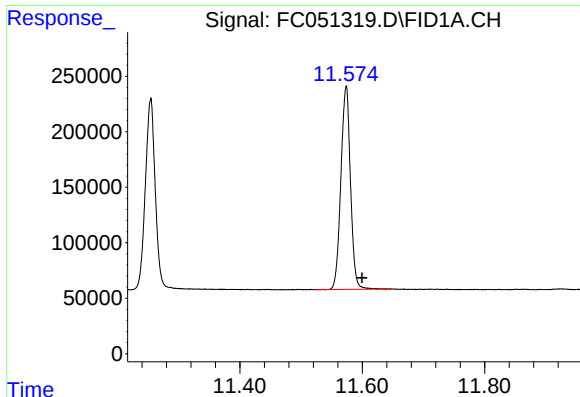
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.024 min
Response: 1905655
Conc: 17.76 ug/ml



#8 n-Octadecane (C18)

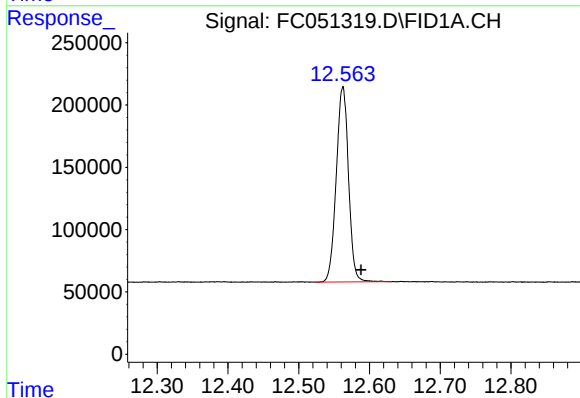
R.T.: 11.254 min
Delta R.T.: -0.025 min
Response: 1934069
Conc: 16.96 ug/ml



#9 ortho-Terphenyl (SURR)

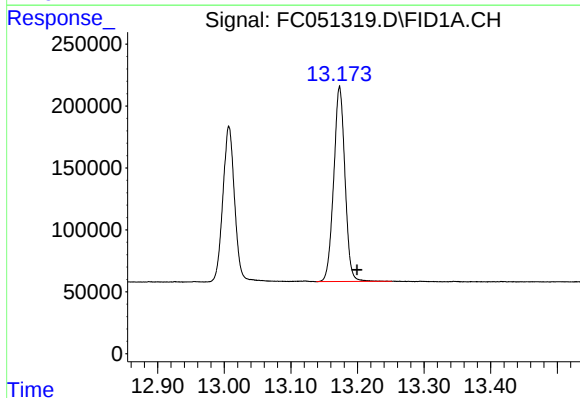
R.T.: 11.573 min
Delta R.T.: -0.026 min
Response: 1998063
Conc: 16.24 ug/ml

Instrument :
FID_C
ClientSampleId :



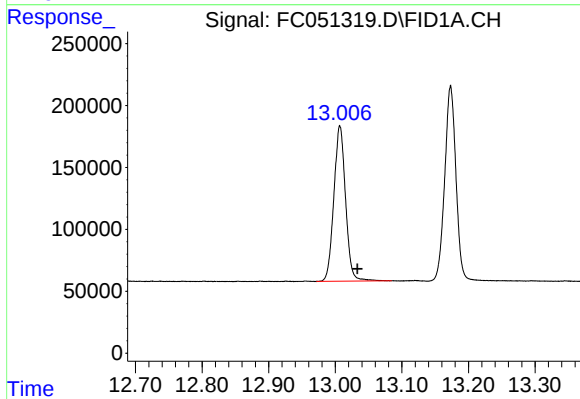
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.026 min
Response: 1883457
Conc: 16.21 ug/ml



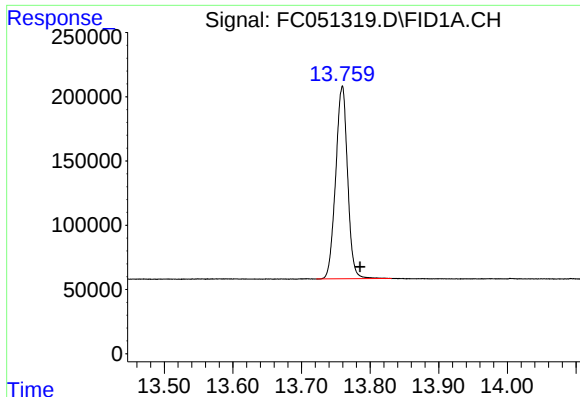
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.026 min
Response: 1847429
Conc: 15.95 ug/ml



#12 1-chlorooctadecane (SURR)

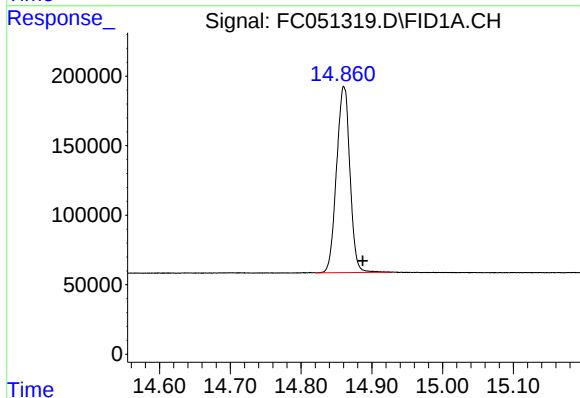
R.T.: 13.007 min
Delta R.T.: -0.026 min
Response: 1532513
Conc: 15.71 ug/ml



#13 n-Docosane (C22)

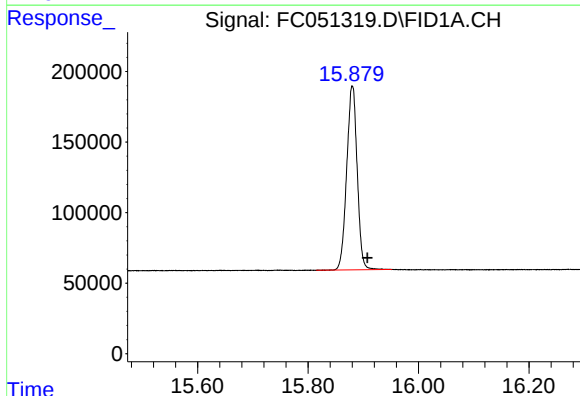
R.T.: 13.759 min
Delta R.T.: -0.026 min
Response: 1811738
Conc: 15.64 ug/ml

Instrument :
FID_C
ClientSampleId :



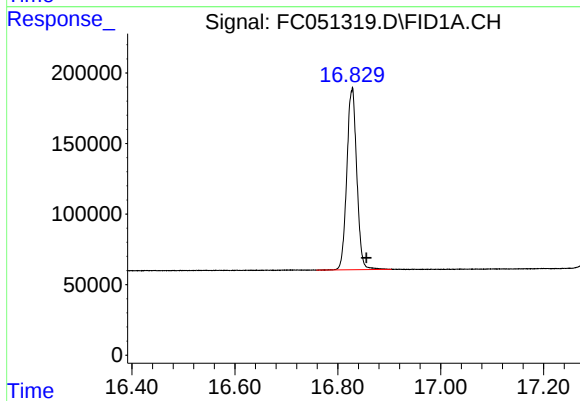
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.027 min
Response: 1759798
Conc: 15.30 ug/ml



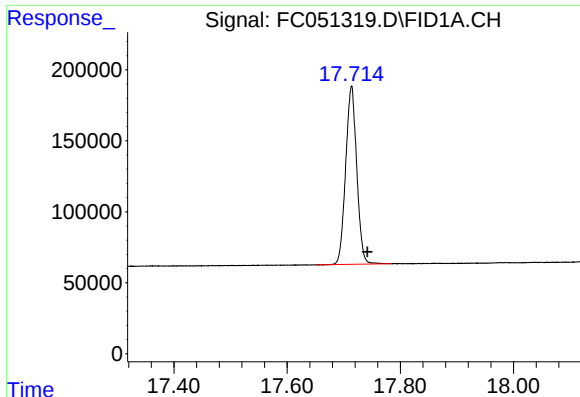
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.027 min
Response: 1719859
Conc: 15.27 ug/ml



#16 n-Octacosane (C28)

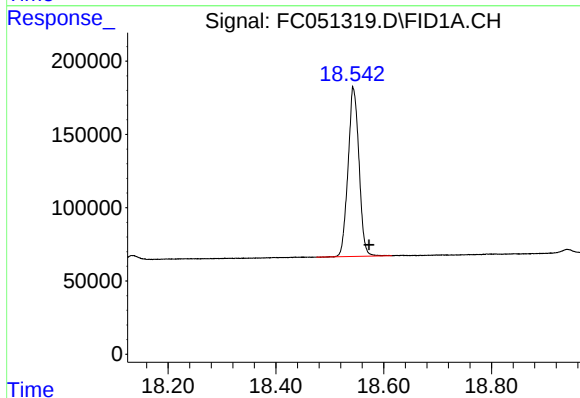
R.T.: 16.827 min
Delta R.T.: -0.028 min
Response: 1723005
Conc: 15.56 ug/ml



#17 n-Tricontane (C30)

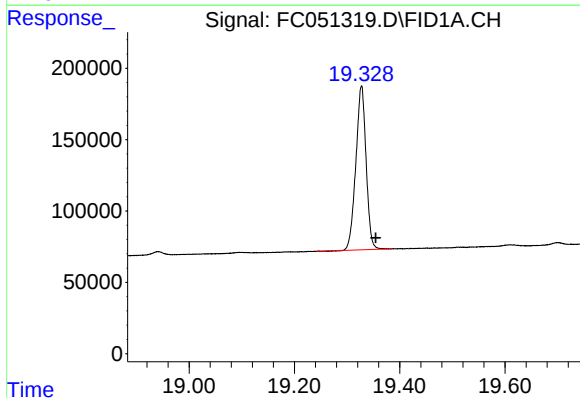
R.T.: 17.714 min
Delta R.T.: -0.028 min
Response: 1702747
Conc: 16.03 ug/ml

Instrument :
FID_C
ClientSampleId :



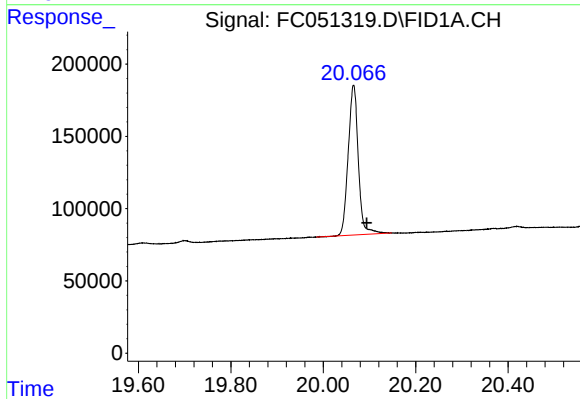
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.029 min
Response: 1621920
Conc: 16.60 ug/ml



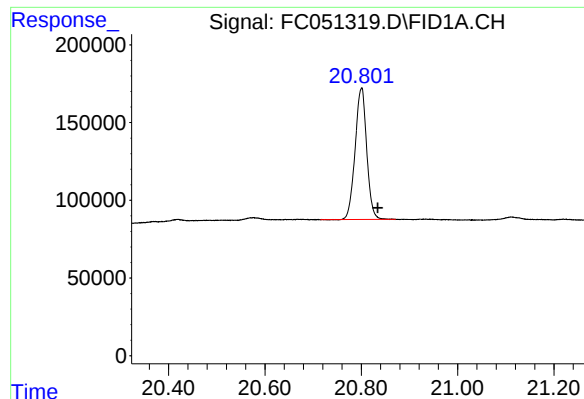
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.027 min
Response: 1553112
Conc: 17.40 ug/ml



#20 n-Hexatriacontane (C36)

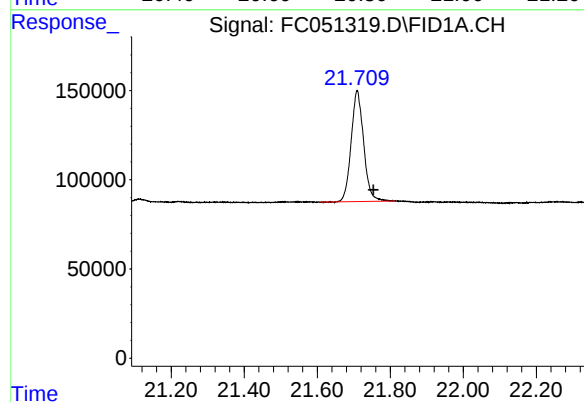
R.T.: 20.066 min
Delta R.T.: -0.028 min
Response: 1569868
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.034 min
Response: 1421242
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.044 min
Response: 1477411
Conc: 17.84 ug/ml