

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031521AL\
 Data File : FC052424.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2021 11:34
 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: Mar 16 01:30:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.608	2415253	18.315 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	13.045	1882710	18.103 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T n-Nonane (C9)	3.350	2352392	19.957 ug/ml
2) T n-Decane (C10)	4.420	2367815	19.937 ug/ml
3) T A~Naphthalene (C11.7)	6.010	2633802	19.836 ug/ml
4) T n-Dodecane (C12)	6.443	2411730	19.950 ug/ml
5) T A~2-methylnaphthalene...	7.070	2678714	19.735 ug/ml
6) T n-Tetradecane (C14)	8.242	2409022	19.869 ug/ml
7) T n-Hexadecane (C16)	9.845	2335235	19.517 ug/ml
8) T n-Octadecane (C18)	11.289	2364374	19.100 ug/ml
10) T n-Eicosane (C20)	12.600	2281702	18.518 ug/ml
11) T n-Heneicosane (C21)	13.212	2222408	18.205 ug/ml
13) T n-Docosane (C22)	13.798	2163893	17.984 ug/ml
14) T n-Tetracosane (C24)	14.903	2049386	17.579 ug/ml
15) T n-Hexacosane (C26)	15.925	1933979	17.605 ug/ml
16) T n-Octacosane (C28)	16.874	1854137	18.089 ug/ml
17) T n-Tricontane (C30)	17.762	1788379	18.997 ug/ml
18) T n-Dotriacontane (C32)	18.595	1728404	20.243 ug/ml
19) T n-Tetratriacontane (C34)	19.378	1692900	21.836 ug/ml
20) T n-Hexatriacontane (C36)	20.117	1590062	22.128 ug/ml
21) T n-Octatriacontane (C38)	20.859	1590779	23.223 ug/ml
22) T n-Tetracontane (C40)	21.784	1692302	23.534 ug/ml

(f)=RT Delta > 1/2 Window

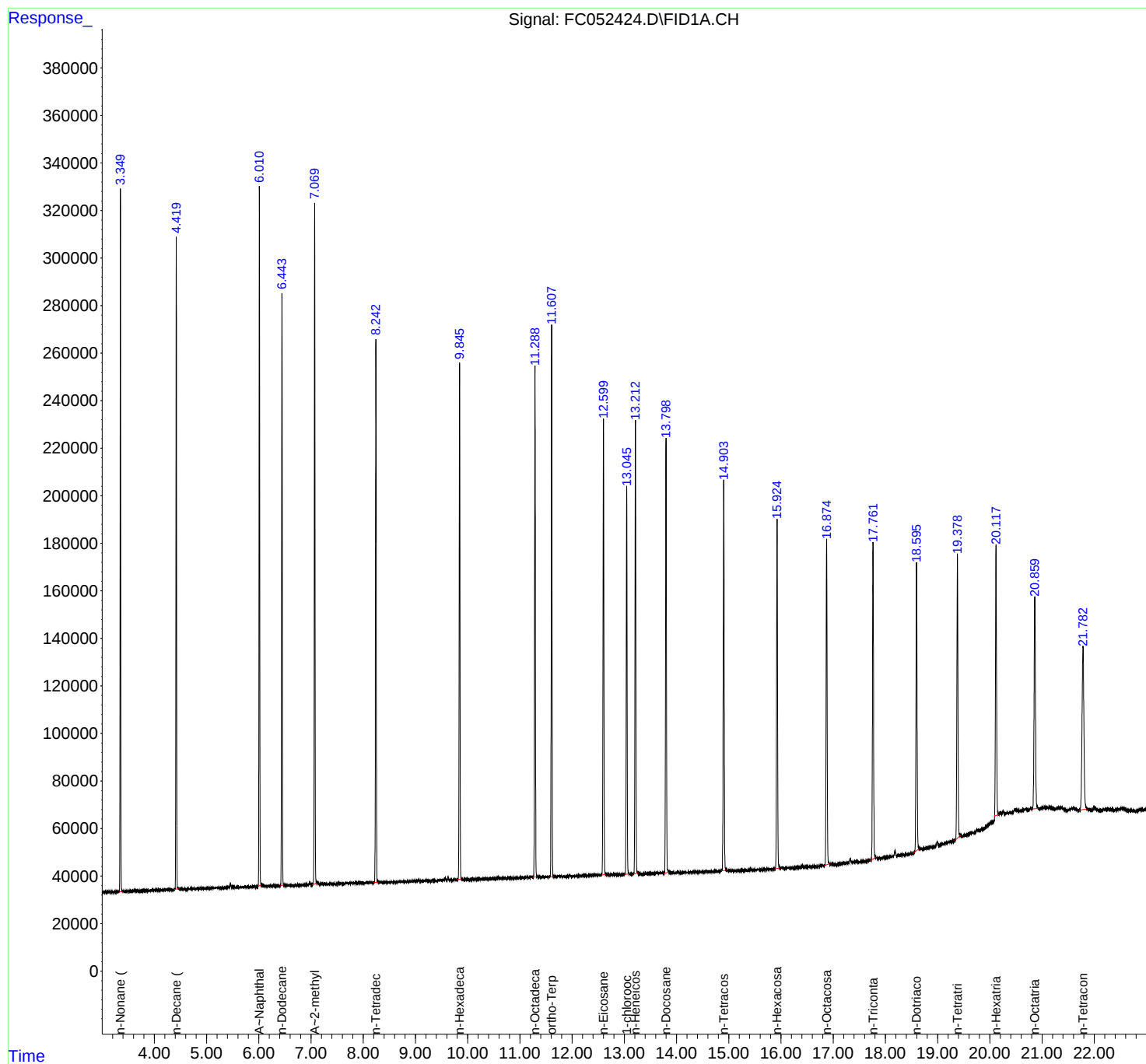
(m)=manual int.

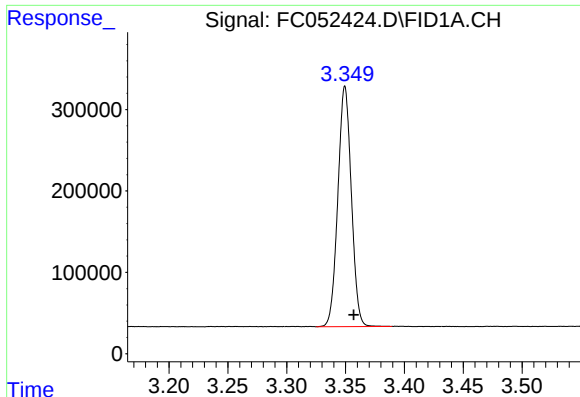
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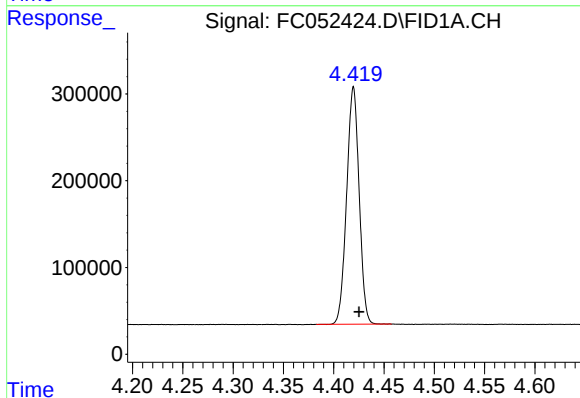




#1 n-Nonane (C9)

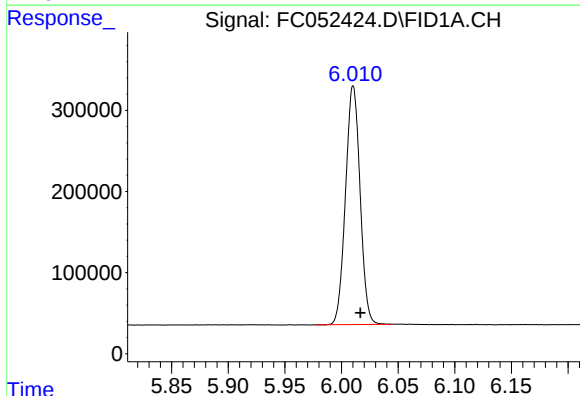
R.T.: 3.350 min
Delta R.T.: -0.007 min
Response: 2352392
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :



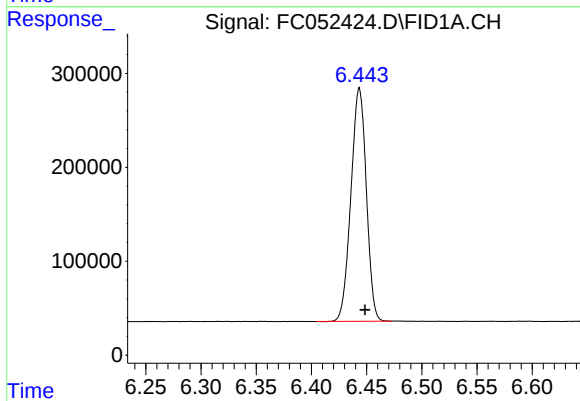
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: -0.006 min
Response: 2367815
Conc: 19.94 ug/ml



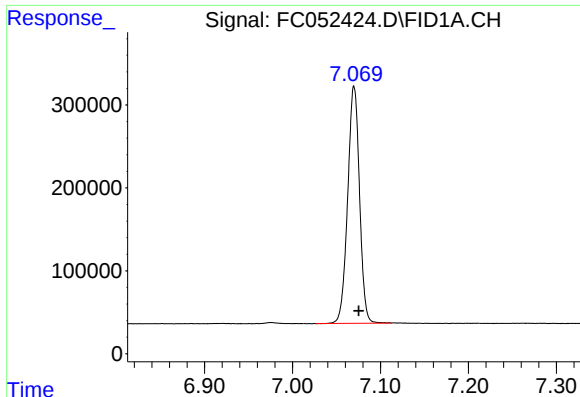
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.006 min
Response: 2633802
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

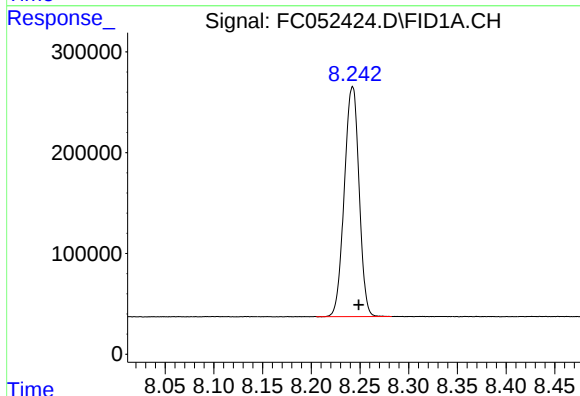
R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 2411730
Conc: 19.95 ug/ml



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

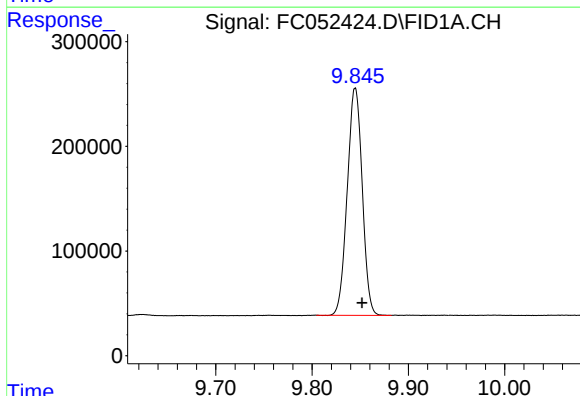
R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 2678714
Conc: 19.74 ug/ml

Instrument :
FID_C
ClientSampleId :



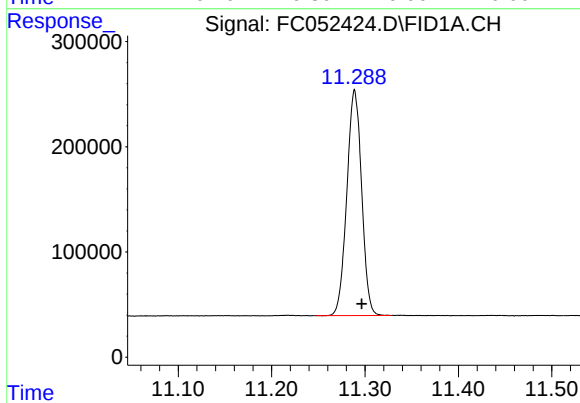
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.007 min
Response: 2409022
Conc: 19.87 ug/ml



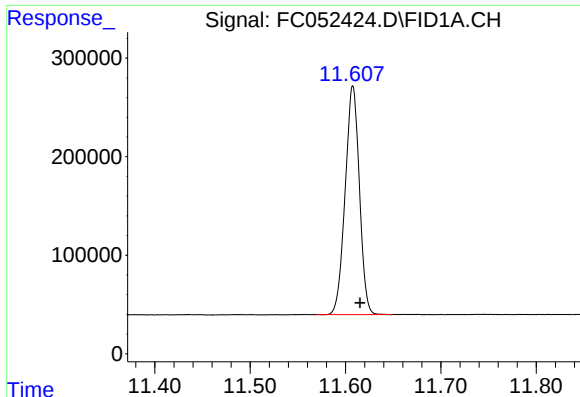
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.007 min
Response: 2335235
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

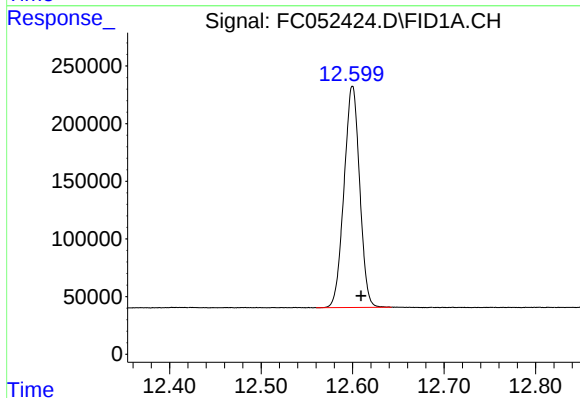
R.T.: 11.289 min
Delta R.T.: -0.008 min
Response: 2364374
Conc: 19.10 ug/ml



#9 ortho-Terphenyl (SURR)

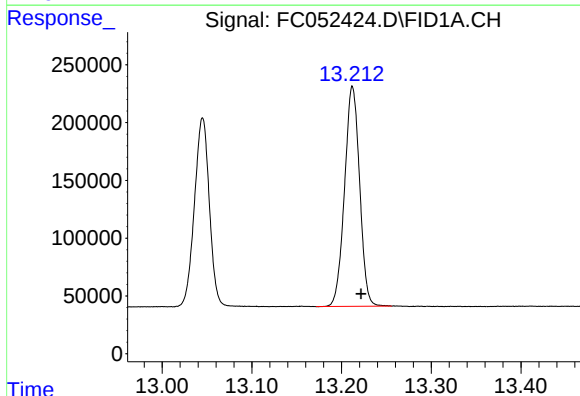
R.T.: 11.608 min
Delta R.T.: -0.007 min
Response: 2415253
Conc: 18.31 ug/ml

Instrument :
FID_C
ClientSampleId :



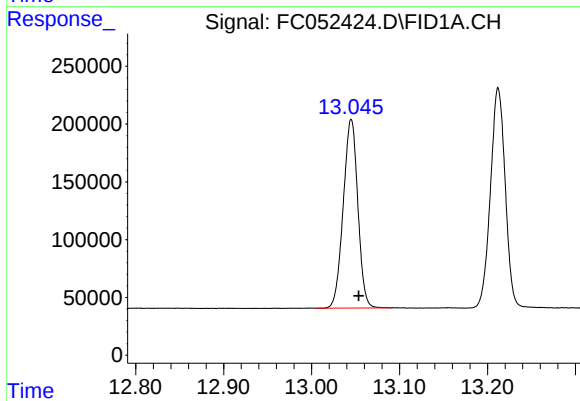
#10 n-Eicosane (C20)

R.T.: 12.600 min
Delta R.T.: -0.009 min
Response: 2281702
Conc: 18.52 ug/ml



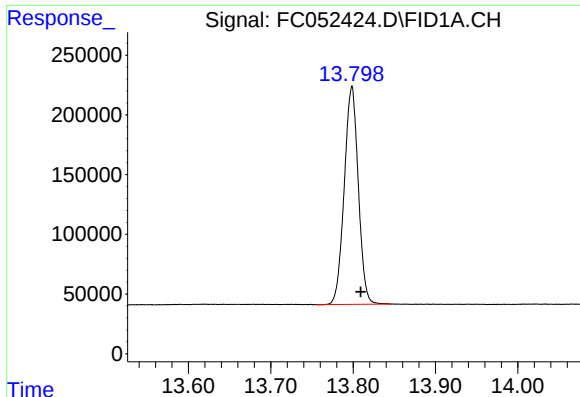
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.010 min
Response: 2222408
Conc: 18.21 ug/ml



#12 1-chlorooctadecane (SURR)

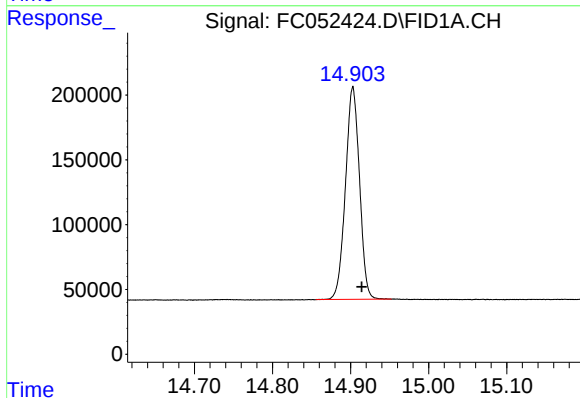
R.T.: 13.045 min
Delta R.T.: -0.008 min
Response: 1882710
Conc: 18.10 ug/ml



#13 n-Docosane (C22)

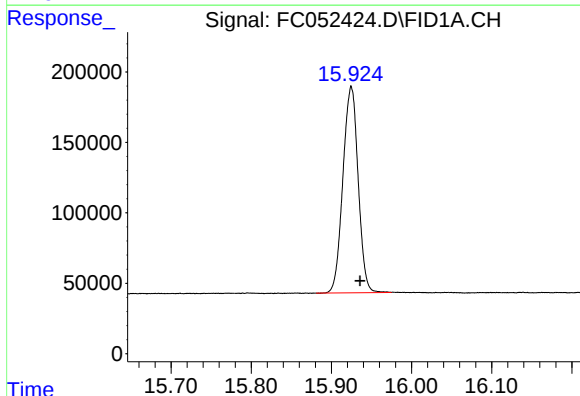
R.T.: 13.798 min
Delta R.T.: -0.011 min
Response: 2163893
Conc: 17.98 ug/ml

Instrument :
FID_C
ClientSampleId :



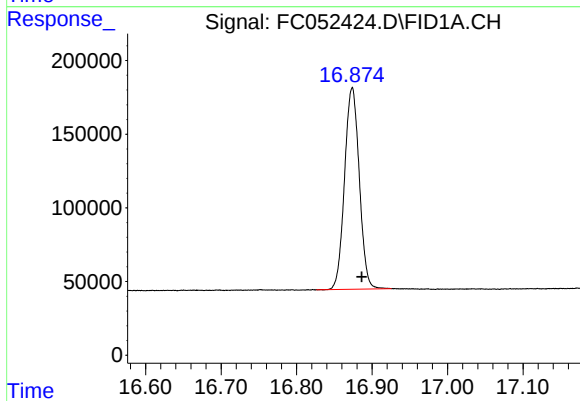
#14 n-Tetracosane (C24)

R.T.: 14.903 min
Delta R.T.: -0.011 min
Response: 2049386
Conc: 17.58 ug/ml



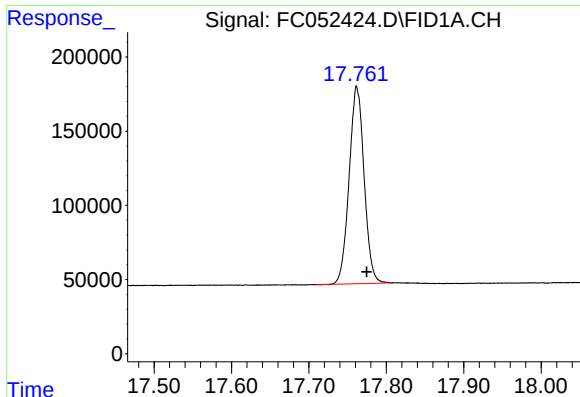
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.011 min
Response: 1933979
Conc: 17.61 ug/ml



#16 n-Octacosane (C28)

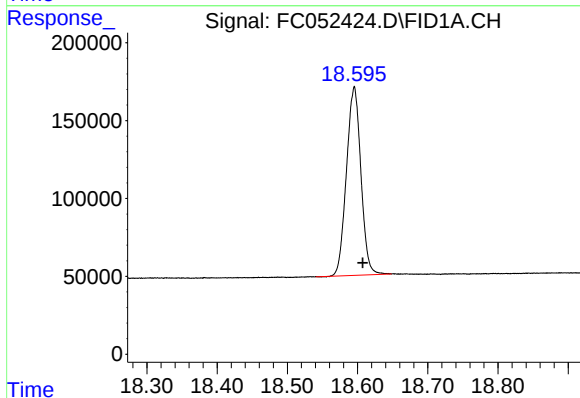
R.T.: 16.874 min
Delta R.T.: -0.013 min
Response: 1854137
Conc: 18.09 ug/ml



#17 n-Tricontane (C30)

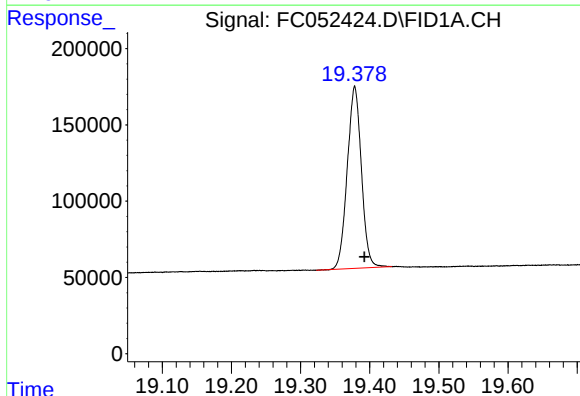
R.T.: 17.762 min
Delta R.T.: -0.013 min
Response: 1788379
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :



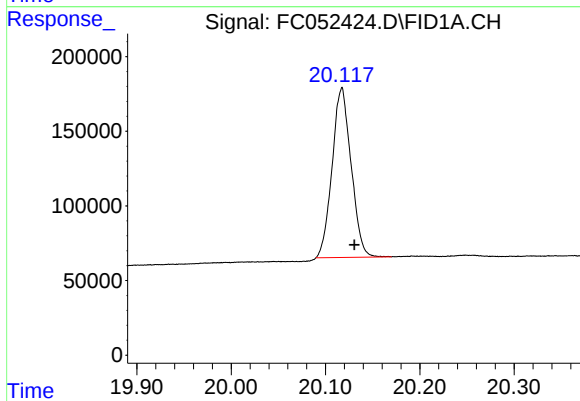
#18 n-Dotriacontane (C32)

R.T.: 18.595 min
Delta R.T.: -0.012 min
Response: 1728404
Conc: 20.24 ug/ml



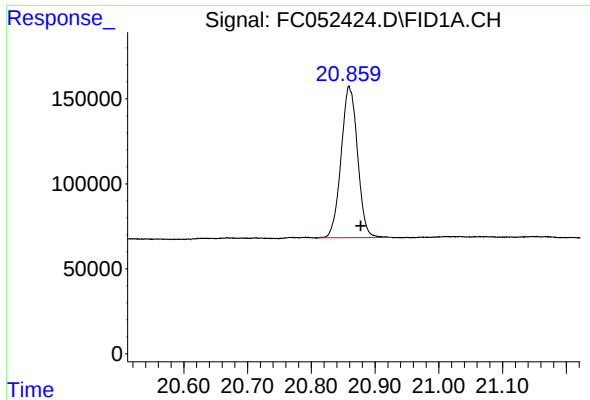
#19 n-Tetratriacontane (C34)

R.T.: 19.378 min
Delta R.T.: -0.014 min
Response: 1692900
Conc: 21.84 ug/ml



#20 n-Hexatriacontane (C36)

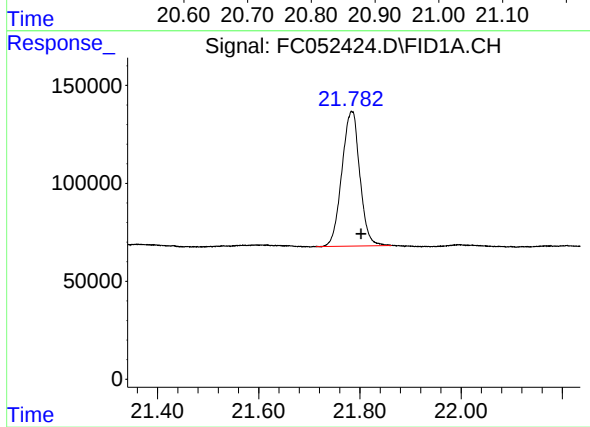
R.T.: 20.117 min
Delta R.T.: -0.013 min
Response: 1590062
Conc: 22.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: -0.018 min
Response: 1590779
Conc: 23.22 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.784 min
Delta R.T.: -0.018 min
Response: 1692302
Conc: 23.53 ug/ml