

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082319AL\
 Data File : FC043099.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2019 5:52
 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: Aug 24 11:39:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 23 06:32:34 2019
 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)	11.641	2628934	18.507 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
12) S 1-chlorooctadecane (S...	13.064	2138782	18.019 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T n-Nonane (C9)	3.461	2578297	20.791 ug/ml
2) T n-Decane (C10)	4.522	2647530	21.102 ug/ml
3) T A~Naphthalene (C11.7)	6.105	2782406	20.541 ug/ml
4) T n-Dodecane (C12)	6.521	2673216	21.077 ug/ml
5) T A~2-methylnaphthalene...	7.152	2769871	20.362 ug/ml
6) T n-Tetradecane (C14)	8.300	2667109	20.903 ug/ml
7) T n-Hexadecane (C16)	9.887	2646856	20.477 ug/ml
8) T n-Octadecane (C18)	11.320	2603897	19.680 ug/ml
10) T n-Eicosane (C20)	12.619	2562432	18.957 ug/ml
11) T n-Heneicosane (C21)	13.228	2493980	18.450 ug/ml
13) T n-Docosane (C22)	13.812	2492296	18.358 ug/ml
14) T n-Tetracosane (C24)	14.909	2478053	18.199 ug/ml
15) T n-Hexacosane (C26)	15.924	2560909	18.985 ug/ml
16) T n-Octacosane (C28)	16.869	2667558	20.046 ug/ml
17) T n-Tricontane (C30)	17.753	2664275	20.807 ug/ml
18) T n-Dotriacontane (C32)	18.582	2471582	21.197 ug/ml
19) T n-Tetratriacontane (C34)	19.362	1964083	20.444 ug/ml
20) T n-Hexatriacontane (C36)	20.099	1795232	21.641 ug/ml
21) T n-Octatriacontane (C38)	20.832f	1745852	23.599 ug/ml
22) T n-Tetracontane (C40)	21.743f	1657215	22.943 ug/ml

(f)=RT Delta > 1/2 Window

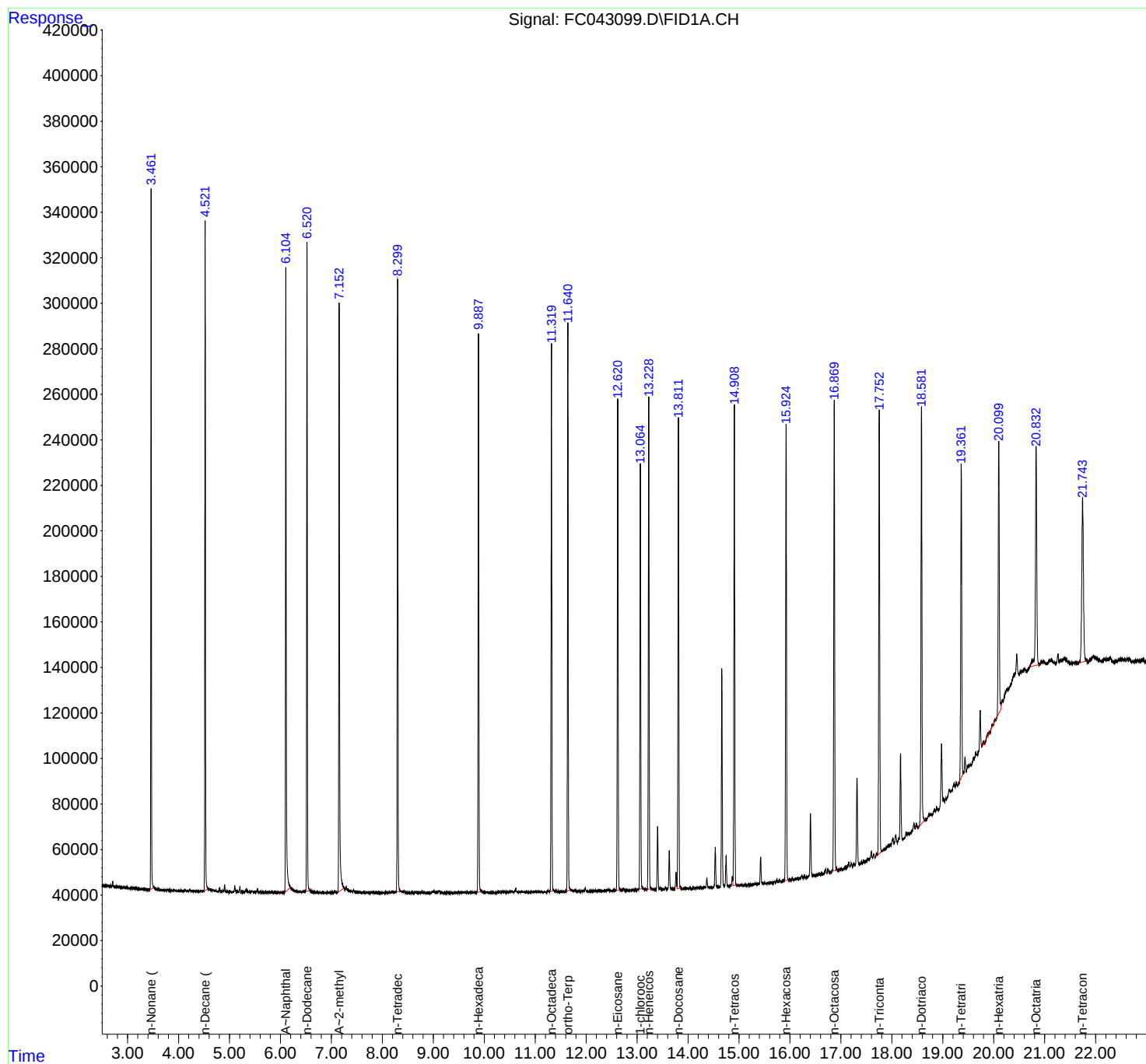
(m)=manual int.

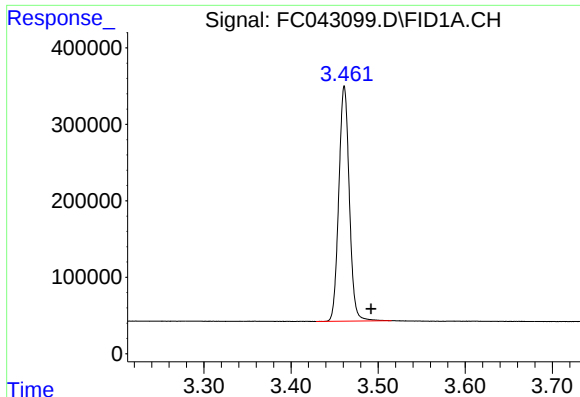
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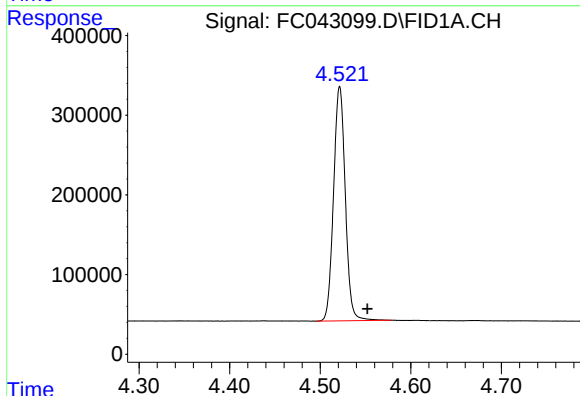




#1 n-Nonane (C9)

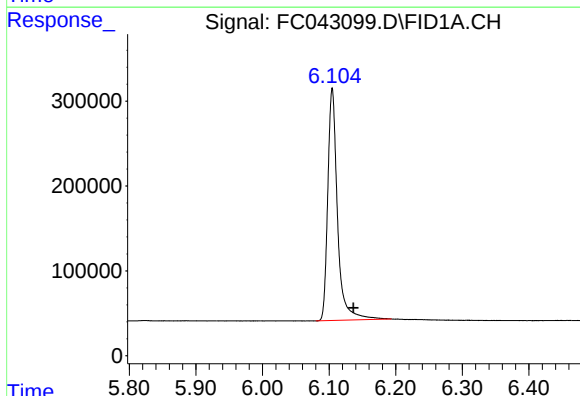
R.T.: 3.461 min
Delta R.T.: -0.031 min
Response: 2578297
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :



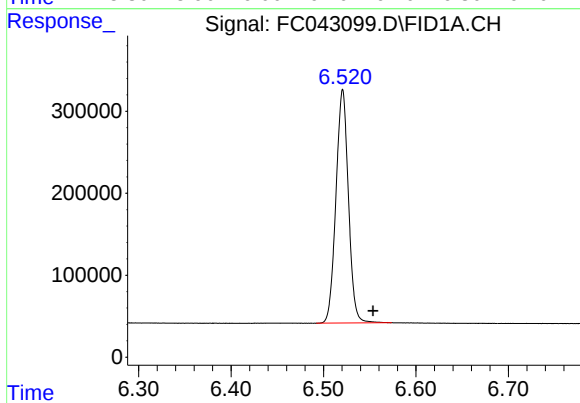
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.031 min
Response: 2647530
Conc: 21.10 ug/ml



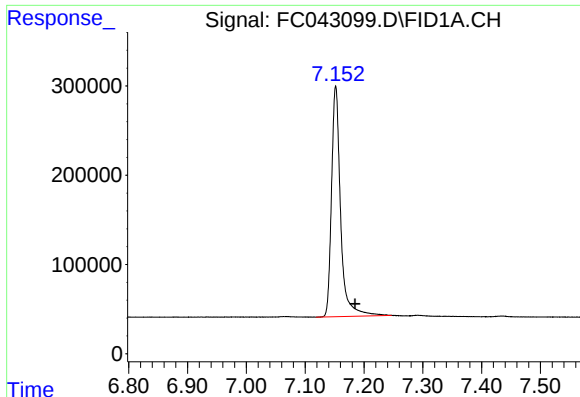
#3 A~Naphthalene (C11.7)

R.T.: 6.105 min
Delta R.T.: -0.032 min
Response: 2782406
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

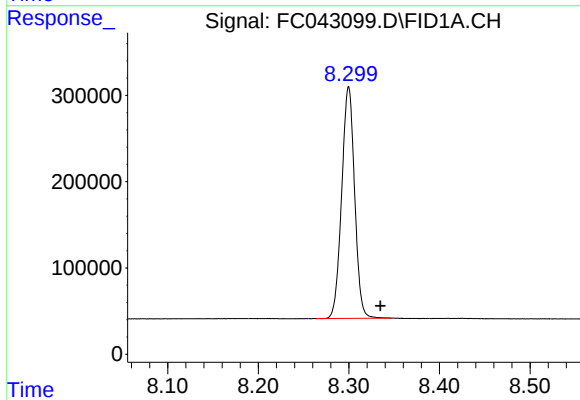
R.T.: 6.521 min
Delta R.T.: -0.033 min
Response: 2673216
Conc: 21.08 ug/ml



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

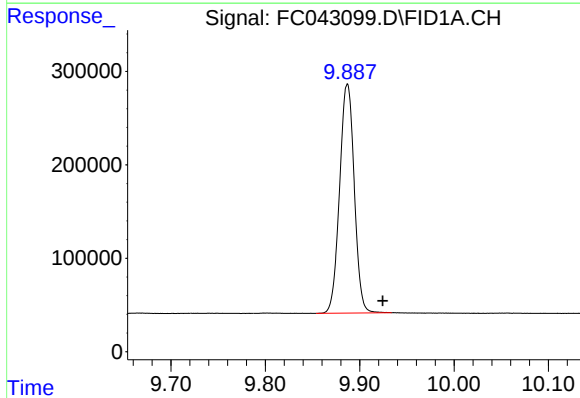
R.T.: 7.152 min
Delta R.T.: -0.033 min
Response: 2769871
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :



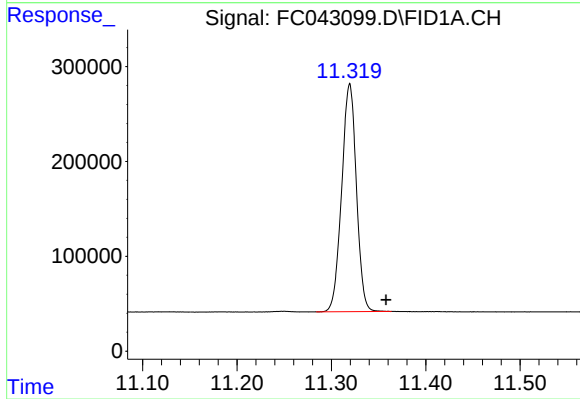
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: -0.035 min
Response: 2667109
Conc: 20.90 ug/ml



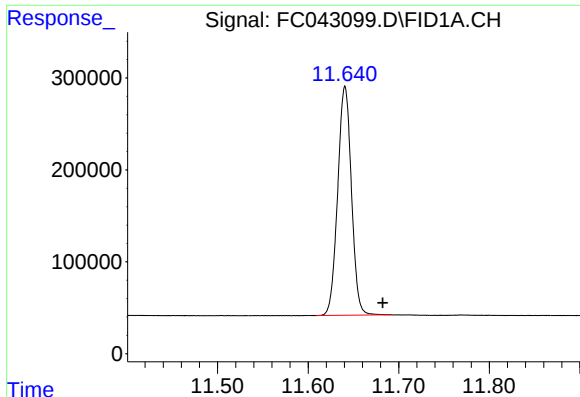
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.038 min
Response: 2646856
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

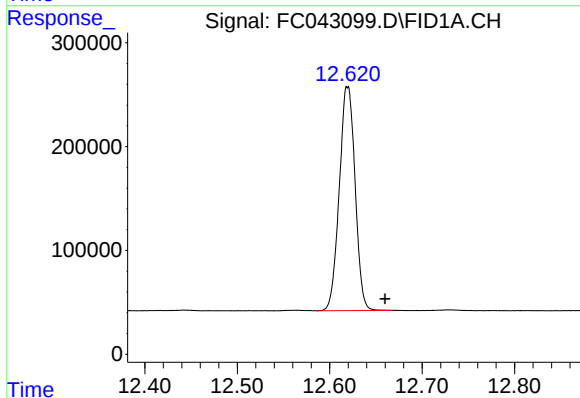
R.T.: 11.320 min
Delta R.T.: -0.039 min
Response: 2603897
Conc: 19.68 ug/ml



#9 ortho-Terphenyl (SURR)

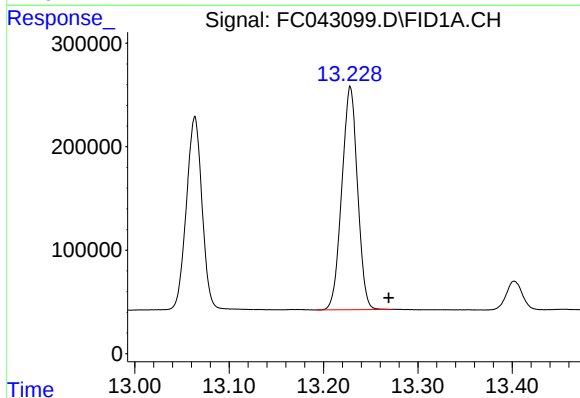
R.T.: 11.641 min
Delta R.T.: -0.042 min
Response: 2628934
Conc: 18.51 ug/ml

Instrument :
FID_C
ClientSampleId :



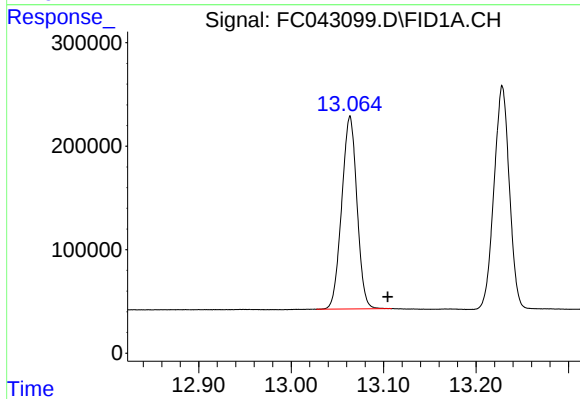
#10 n-Eicosane (C20)

R.T.: 12.619 min
Delta R.T.: -0.040 min
Response: 2562432
Conc: 18.96 ug/ml



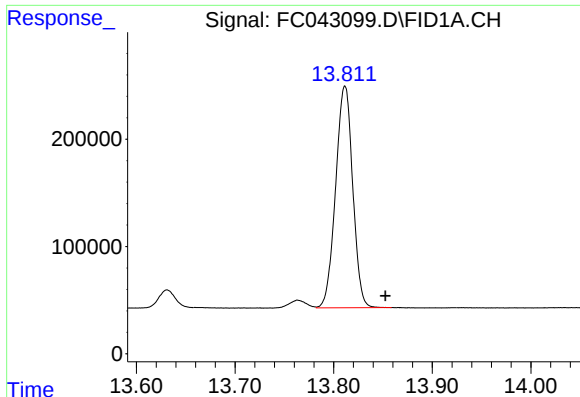
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.041 min
Response: 2493980
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

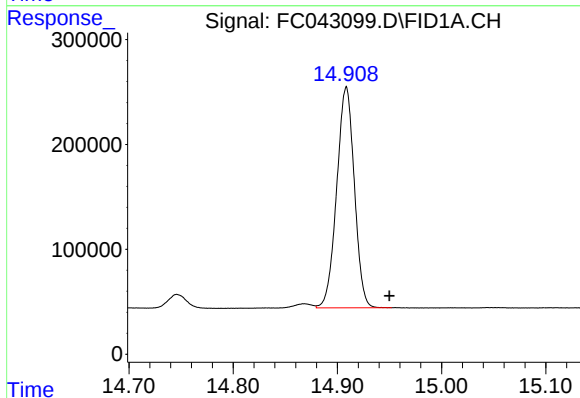
R.T.: 13.064 min
Delta R.T.: -0.041 min
Response: 2138782
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

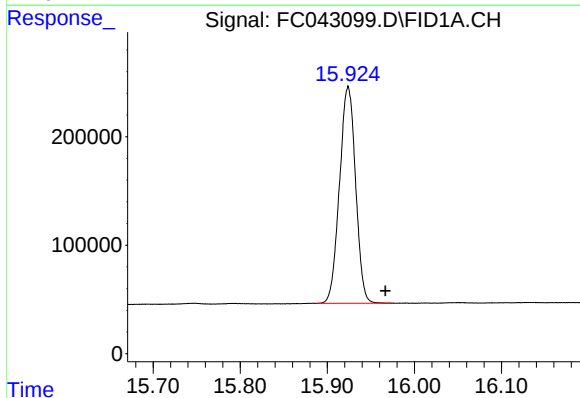
R.T.: 13.812 min
Delta R.T.: -0.041 min
Response: 2492296
Conc: 18.36 ug/ml

Instrument :
FID_C
ClientSampleId :



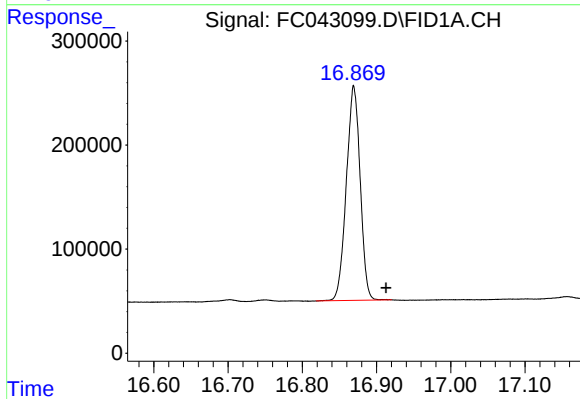
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: -0.042 min
Response: 2478053
Conc: 18.20 ug/ml



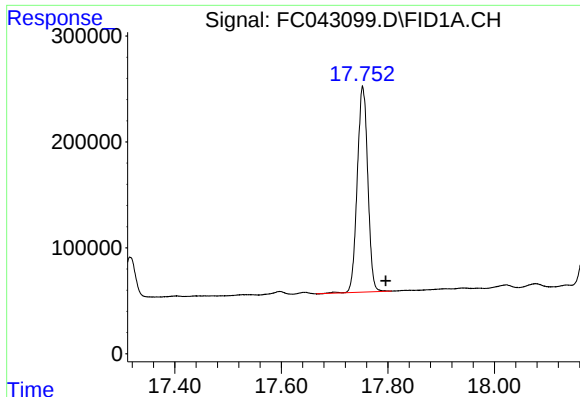
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.043 min
Response: 2560909
Conc: 18.99 ug/ml



#16 n-Octacosane (C28)

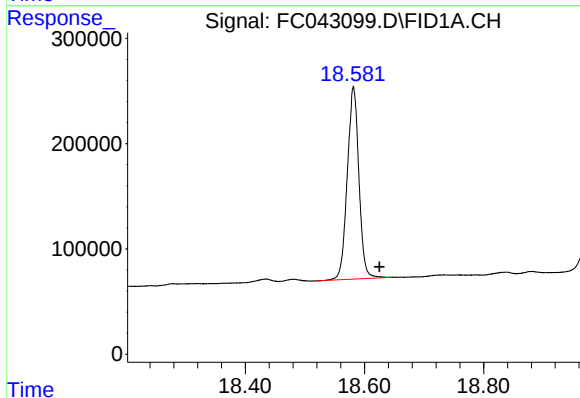
R.T.: 16.869 min
Delta R.T.: -0.043 min
Response: 2667558
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

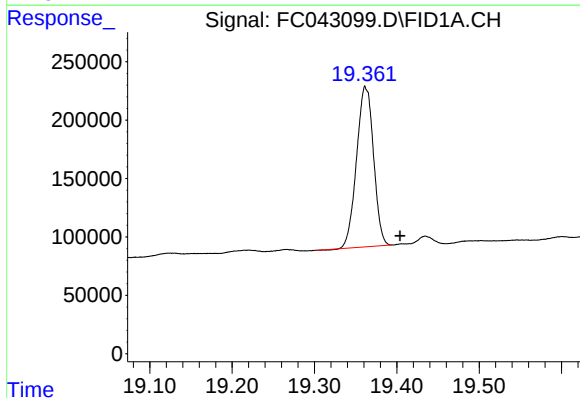
R.T.: 17.753 min
Delta R.T.: -0.044 min
Response: 2664275
Conc: 20.81 ug/ml

Instrument :
FID_C
ClientSampleId :



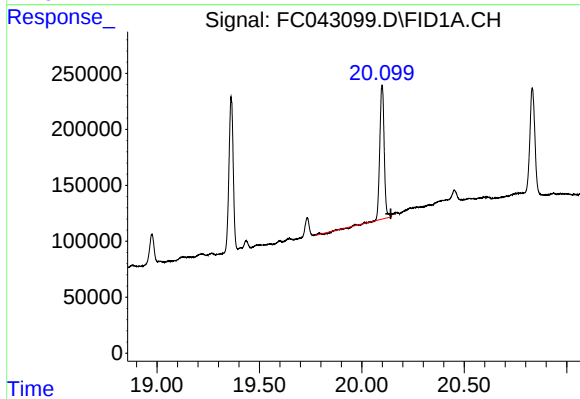
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: -0.043 min
Response: 2471582
Conc: 21.20 ug/ml



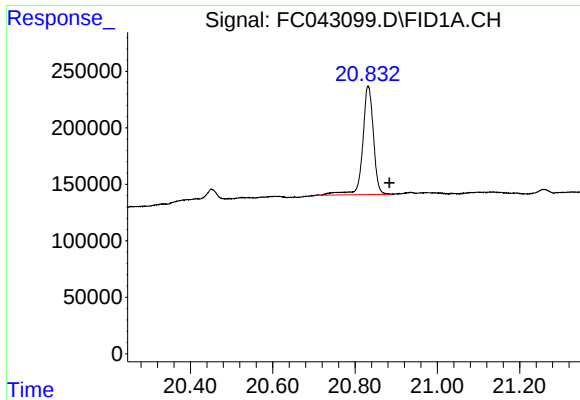
#19 n-Tetratriacontane (C34)

R.T.: 19.362 min
Delta R.T.: -0.042 min
Response: 1964083
Conc: 20.44 ug/ml



#20 n-Hexatriacontane (C36)

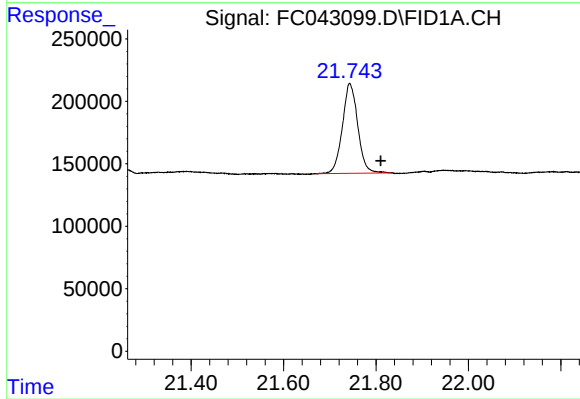
R.T.: 20.099 min
Delta R.T.: -0.042 min
Response: 1795232
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: -0.052 min
Response: 1745852
Conc: 23.60 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: -0.067 min
Response: 1657215
Conc: 22.94 ug/ml