

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030421AL\
 Data File : FC052218.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2021 17:02
 Operator : DD\AJ
 Sample : M1543-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 2MSD

Integration File: autoint1.e
 Quant Time: Mar 05 00:36:00 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)	11.621	4210772	31.930 ug/ml
Spiked Amount 50.000		Recovery =	63.86%
12) S 1-chlorooctadecane (S...	13.058	3136357	30.157 ug/ml
Spiked Amount 50.000		Recovery =	60.31%
Target Compounds			
1) T n-Nonane (C9)	3.384	5795118	49.163 ug/ml
2) T n-Decane (C10)	4.442	6156993	51.842 ug/ml
3) T A~Naphthalene (C11.7)	6.025	7135466	53.740 ug/ml
4) T n-Dodecane (C12)	6.455	6382151	52.794 ug/ml
5) T A~2-methylnaphthalene...	7.083	7241615	53.352 ug/ml
6) T n-Tetradecane (C14)	8.255	6422758	52.974 ug/ml
7) T n-Hexadecane (C16)	9.859	6274775	52.443 ug/ml
8) T n-Octadecane (C18)	11.304	6350536	51.302 ug/ml
10) T n-Eicosane (C20)	12.616	6126400	49.720 ug/ml
11) T n-Heneicosane (C21)	13.229	6049637	49.557 ug/ml
13) T n-Docosane (C22)	13.815	5812732	48.310 ug/ml
14) T n-Tetracosane (C24)	14.910	10630211	91.180 ug/ml
15) T n-Hexacosane (C26)	15.942	5053515	46.003 ug/ml
16) T n-Octacosane (C28)	16.891	4863367	47.447 ug/ml
17) T n-Tricontane (C30)	17.781	4159915	44.188 ug/ml
18) T n-Dotriacontane (C32)	18.612	3925765	45.979 ug/ml
19) T n-Tetratriacontane (C34)	19.397	3620596	46.701 ug/ml
20) T n-Hexatriacontane (C36)	20.136	3485778	48.510 ug/ml
21) T n-Octatriacontane (C38)	20.884	3459694	50.506 ug/ml
22) T n-Tetracontane (C40)	21.812	3635115	50.551 ug/ml

(f)=RT Delta > 1/2 Window

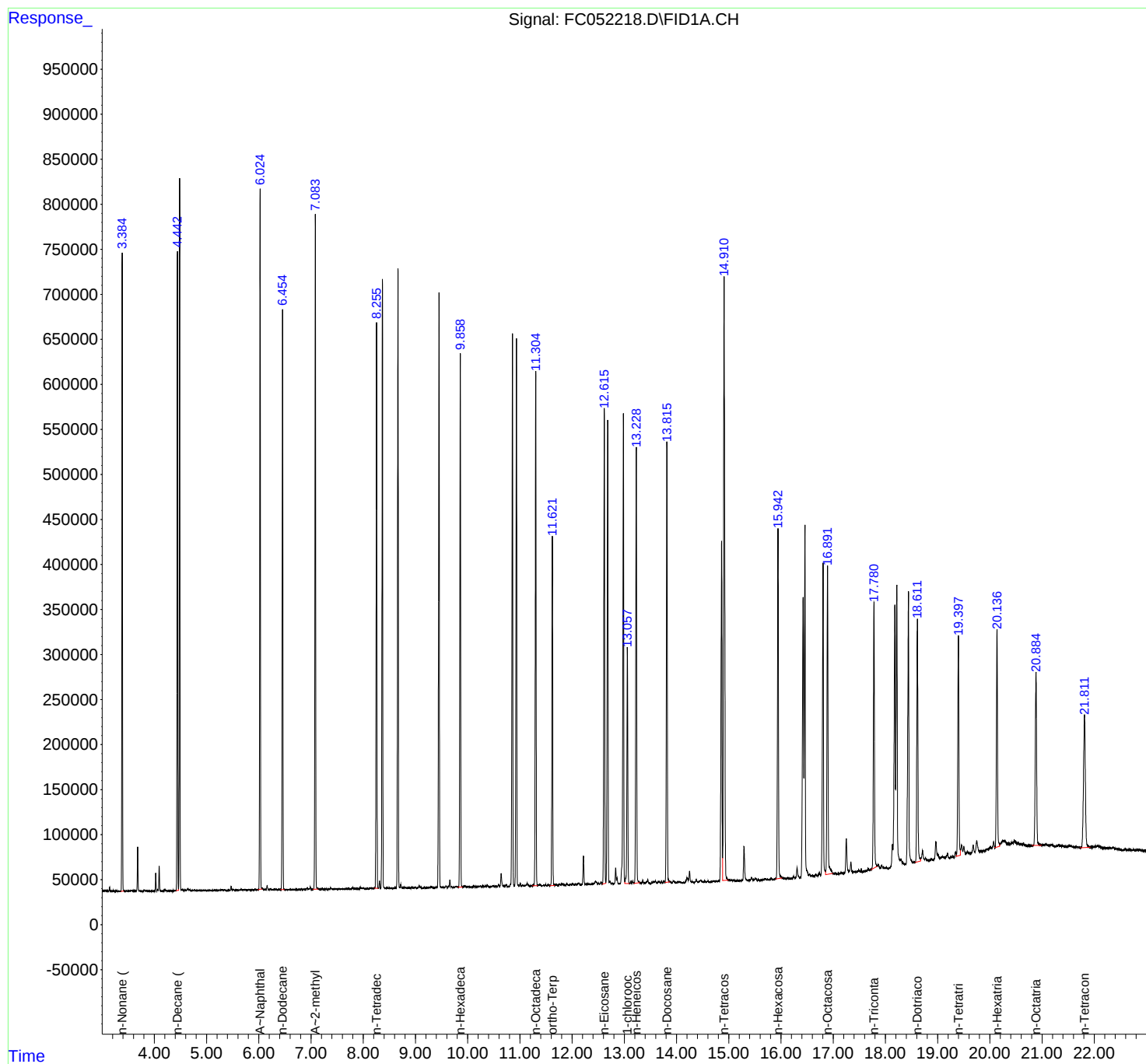
(m)=manual int.

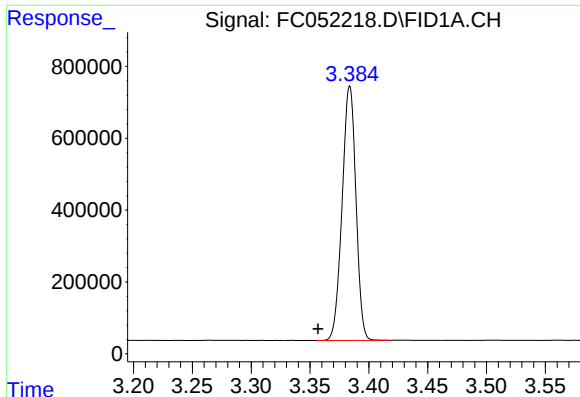
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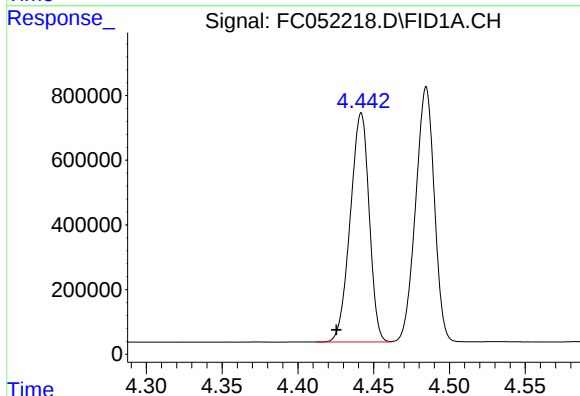




#1 n-Nonane (C9)

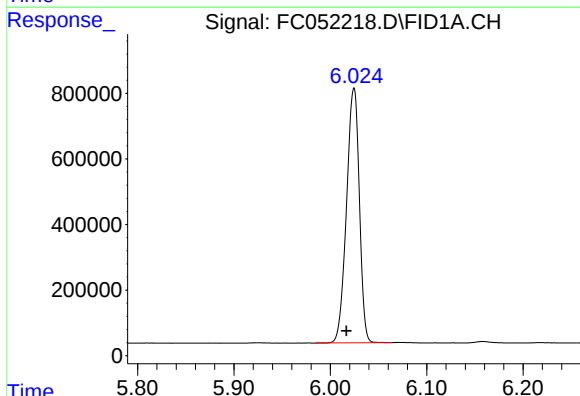
R.T.: 3.384 min
Delta R.T.: 0.027 min
Response: 5795118
Conc: 49.16 ug/ml

Instrument :
FID_C
ClientSampleId :
2MSD



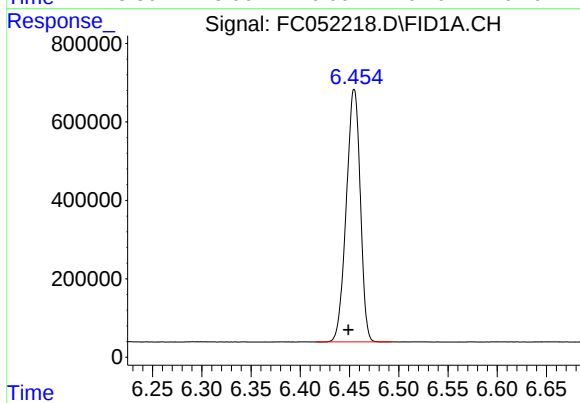
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: 0.016 min
Response: 6156993
Conc: 51.84 ug/ml



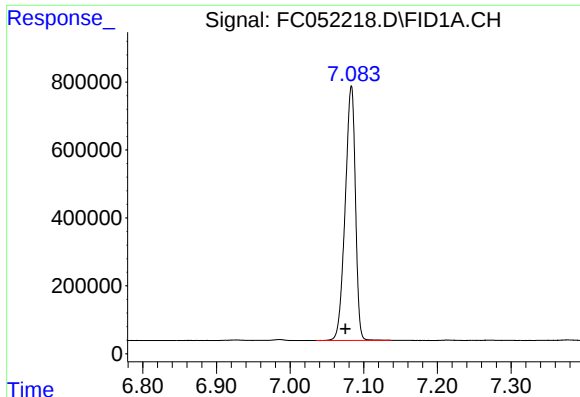
#3 A~Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: 0.008 min
Response: 7135466
Conc: 53.74 ug/ml



#4 n-Dodecane (C12)

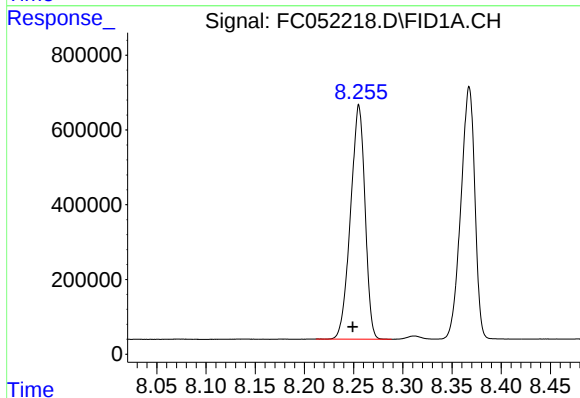
R.T.: 6.455 min
Delta R.T.: 0.006 min
Response: 6382151
Conc: 52.79 ug/ml



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

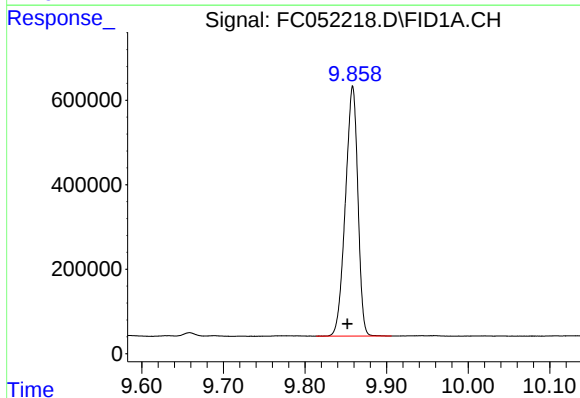
R.T.: 7.083 min
Delta R.T.: 0.008 min
Response: 7241615
Conc: 53.35 ug/ml

Instrument :
FID_C
ClientSampleId :
2MSD



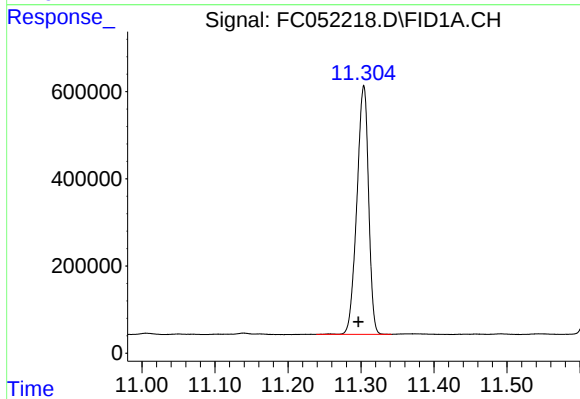
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: 0.006 min
Response: 6422758
Conc: 52.97 ug/ml



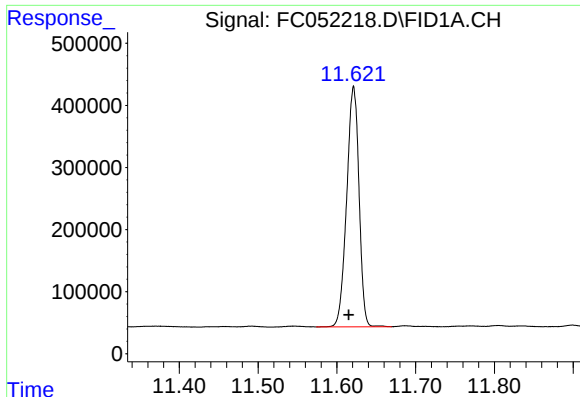
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: 0.006 min
Response: 6274775
Conc: 52.44 ug/ml



#8 n-Octadecane (C18)

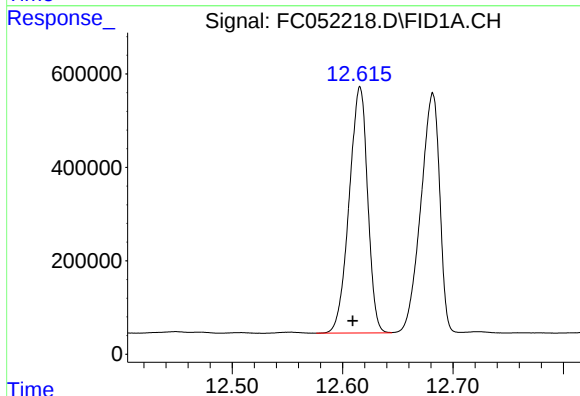
R.T.: 11.304 min
Delta R.T.: 0.007 min
Response: 6350536
Conc: 51.30 ug/ml



#9 ortho-Terphenyl (SURR)

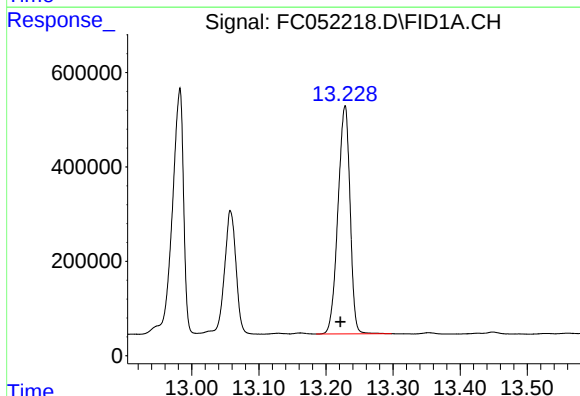
R.T.: 11.621 min
Delta R.T.: 0.006 min
Response: 4210772
Conc: 31.93 ug/ml

Instrument :
FID_C
ClientSampleId :
2MSD



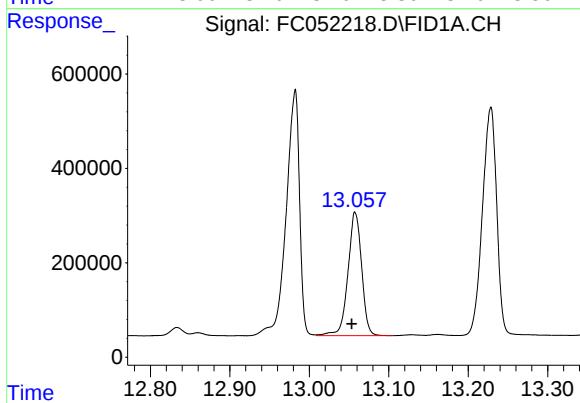
#10 n-Eicosane (C20)

R.T.: 12.616 min
Delta R.T.: 0.007 min
Response: 6126400
Conc: 49.72 ug/ml



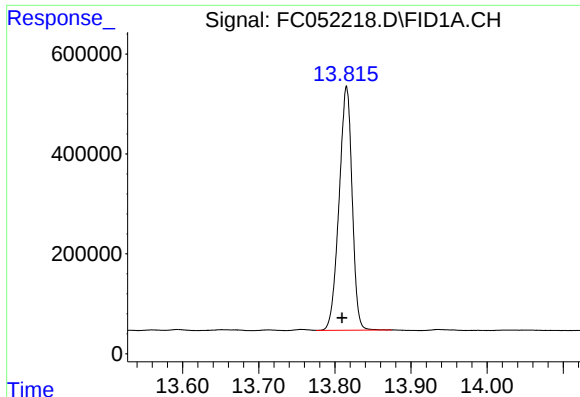
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: 0.007 min
Response: 6049637
Conc: 49.56 ug/ml



#12 1-chlorooctadecane (SURR)

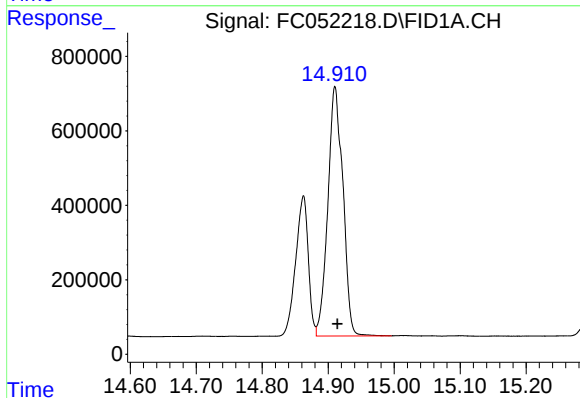
R.T.: 13.058 min
Delta R.T.: 0.004 min
Response: 3136357
Conc: 30.16 ug/ml



#13 n-Docosane (C22)

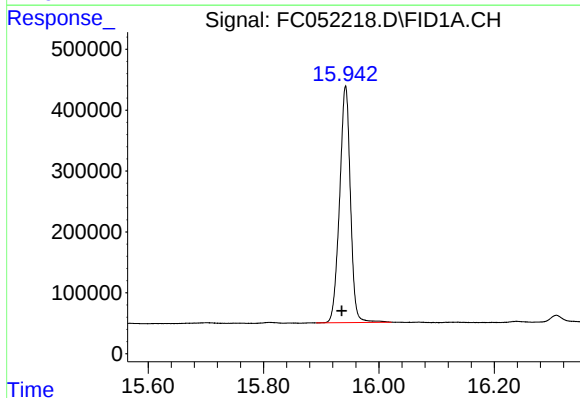
R.T.: 13.815 min
Delta R.T.: 0.006 min
Response: 5812732
Conc: 48.31 ug/ml

Instrument :
FID_C
ClientSampleId :
2MSD



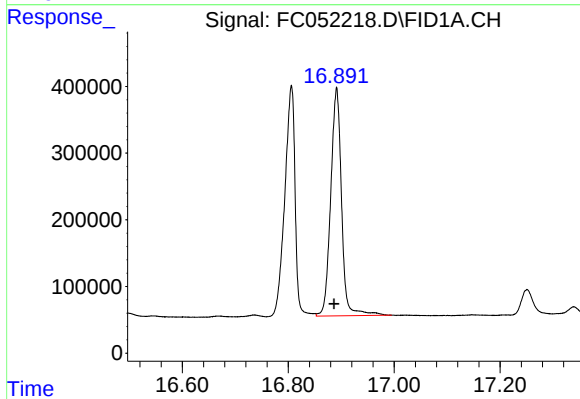
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.004 min
Response: 10630211
Conc: 91.18 ug/ml



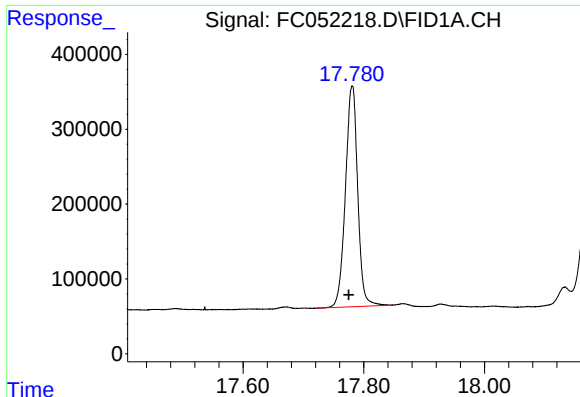
#15 n-Hexacosane (C26)

R.T.: 15.942 min
Delta R.T.: 0.006 min
Response: 5053515
Conc: 46.00 ug/ml



#16 n-Octacosane (C28)

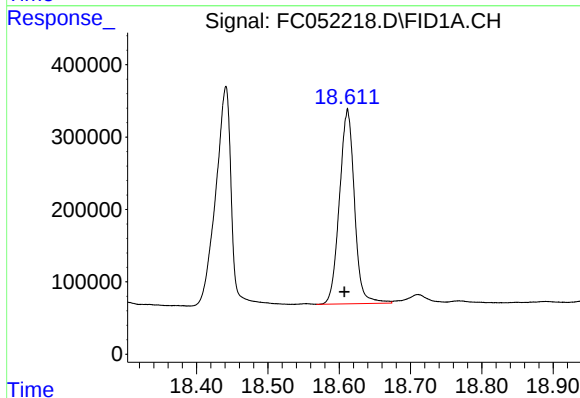
R.T.: 16.891 min
Delta R.T.: 0.005 min
Response: 4863367
Conc: 47.45 ug/ml



#17 n-Tricontane (C30)

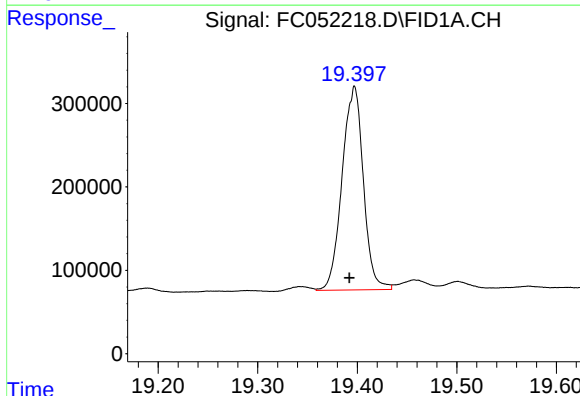
R.T.: 17.781 min
Delta R.T.: 0.006 min
Response: 4159915
Conc: 44.19 ug/ml

Instrument :
FID_C
ClientSampleId :
2MSD



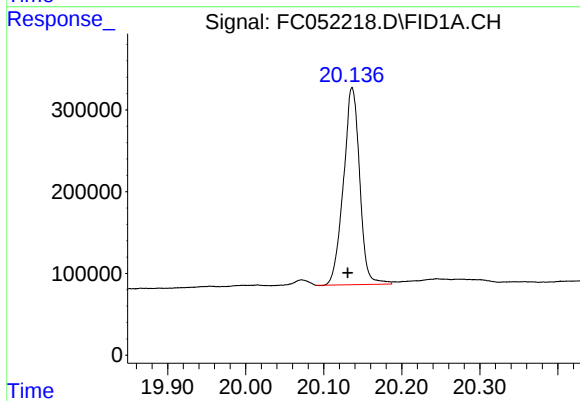
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: 0.004 min
Response: 3925765
Conc: 45.98 ug/ml



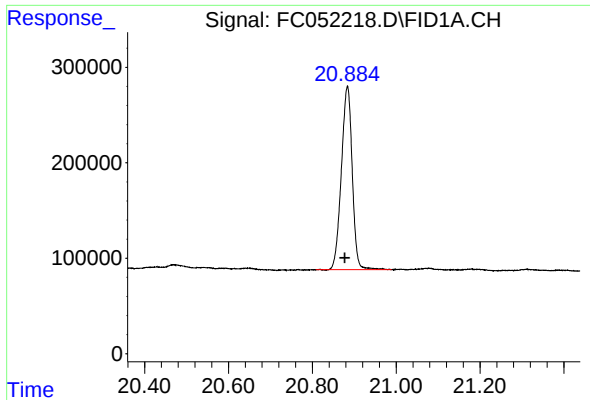
#19 n-Tetratriacontane (C34)

R.T.: 19.397 min
Delta R.T.: 0.005 min
Response: 3620596
Conc: 46.70 ug/ml



#20 n-Hexatriacontane (C36)

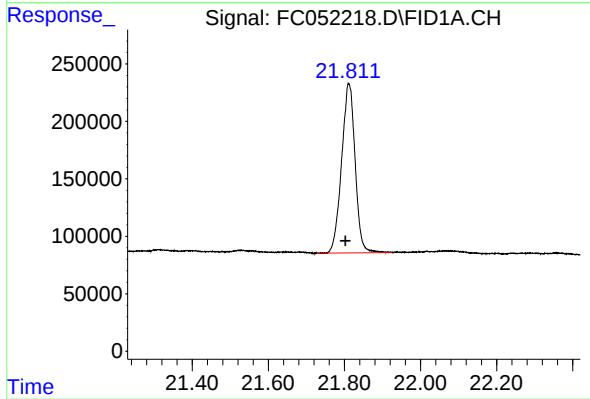
R.T.: 20.136 min
Delta R.T.: 0.006 min
Response: 3485778
Conc: 48.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.884 min
Delta R.T.: 0.006 min
Response: 3459694
Conc: 50.51 ug/ml

Instrument :
FID_C
ClientSampleId :
2MSD



#22 n-Tetracontane (C40)

R.T.: 21.812 min
Delta R.T.: 0.009 min
Response: 3635115
Conc: 50.55 ug/ml