

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030321AL\
 Data File : FC052192.D
 Signal(s) : FID1A.CH
 Acq On : 03 Mar 2021 23:33
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 04 01:16:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 01:15:59 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)	11.623	6417558	47.397 ug/ml
Spiked Amount 50.000		Recovery =	94.79%
12) S 1-chlorooctadecane (S...	13.060	5089093	47.709 ug/ml
Spiked Amount 50.000		Recovery =	95.42%
Target Compounds			
1) T n-Nonane (C9)	3.359	5732281	47.349 ug/ml
2) T n-Decane (C10)	4.428	5781141	47.306 ug/ml
3) T A~Naphthalene (C11.7)	6.020	6473354	47.453 ug/ml
4) T n-Dodecane (C12)	6.453	5885173	47.310 ug/ml
5) T A~2-methylnaphthalene...	7.080	6624000	47.510 ug/ml
6) T n-Tetradecane (C14)	8.253	5898407	47.347 ug/ml
7) T n-Hexadecane (C16)	9.857	5809294	47.341 ug/ml
8) T n-Octadecane (C18)	11.304	6021892	47.232 ug/ml
10) T n-Eicosane (C20)	12.615	6009429	47.499 ug/ml
11) T n-Heneicosane (C21)	13.228	5958683	47.560 ug/ml
13) T n-Docosane (C22)	13.814	5911158	47.874 ug/ml
14) T n-Tetracosane (C24)	14.919	5751977	48.187 ug/ml
15) T n-Hexacosane (C26)	15.943	5455454	48.810 ug/ml
16) T n-Octacosane (C28)	16.893	5119903	49.268 ug/ml
17) T n-Tricontane (C30)	17.781	4689445	49.415 ug/ml
18) T n-Dotriacontane (C32)	18.614	4209960	49.390 ug/ml
19) T n-Tetratriacontane (C34)	19.398	3857167	49.420 ug/ml
20) T n-Hexatriacontane (C36)	20.137	3537622	48.370 ug/ml
21) T n-Octatriacontane (C38)	20.883	3389489	48.869 ug/ml
22) T n-Tetracontane (C40)	21.812	3511466	47.389 ug/ml

(f)=RT Delta > 1/2 Window

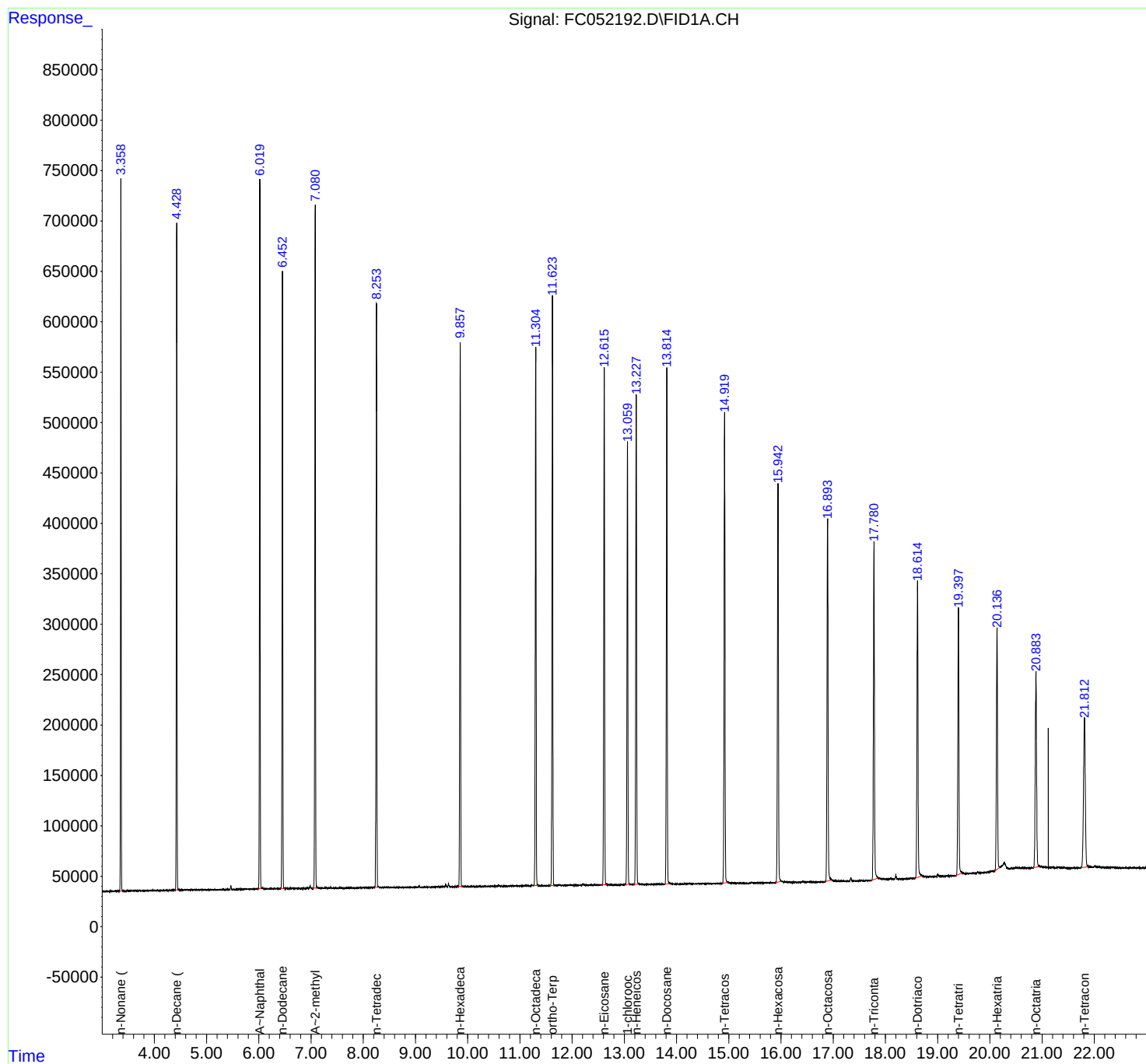
(m)=manual int.

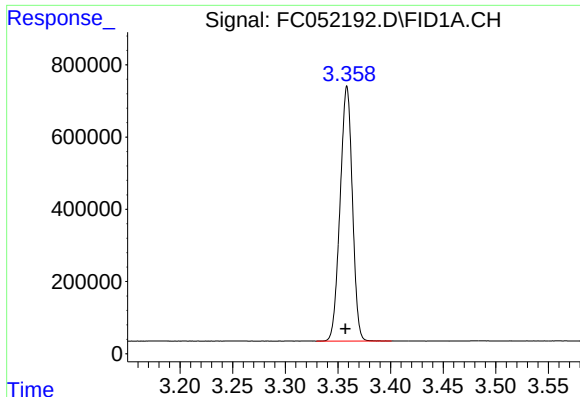
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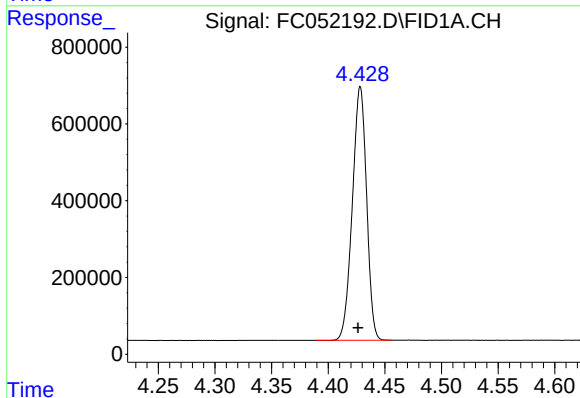




#1 n-Nonane (C9)

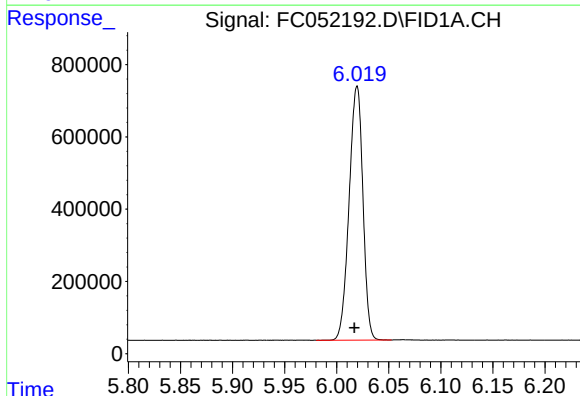
R.T.: 3.359 min
Delta R.T.: 0.002 min
Response: 5732281
Conc: 47.35 ug/ml

Instrument :
FID_C
ClientSampleId :



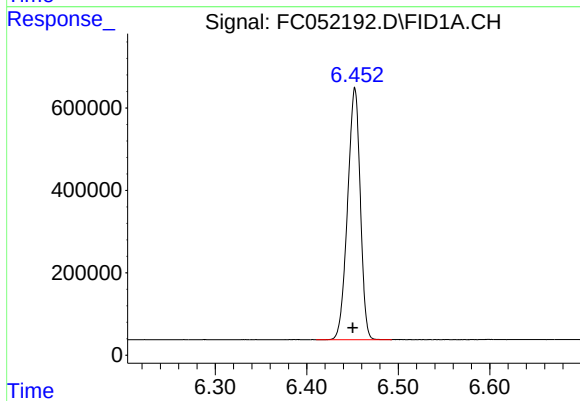
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.002 min
Response: 5781141
Conc: 47.31 ug/ml



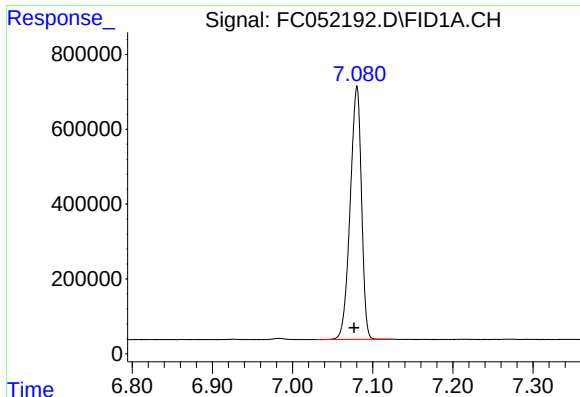
#3 A~Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: 0.003 min
Response: 6473354
Conc: 47.45 ug/ml



#4 n-Dodecane (C12)

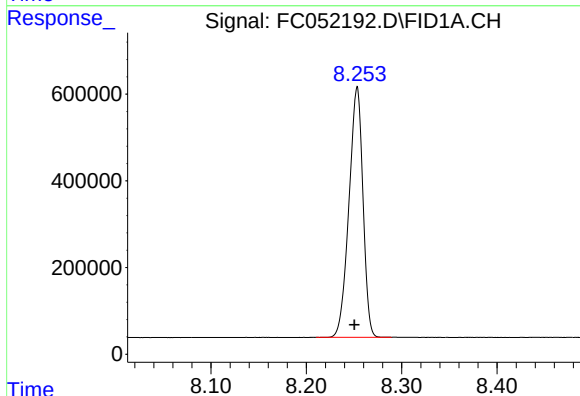
R.T.: 6.453 min
Delta R.T.: 0.002 min
Response: 5885173
Conc: 47.31 ug/ml



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

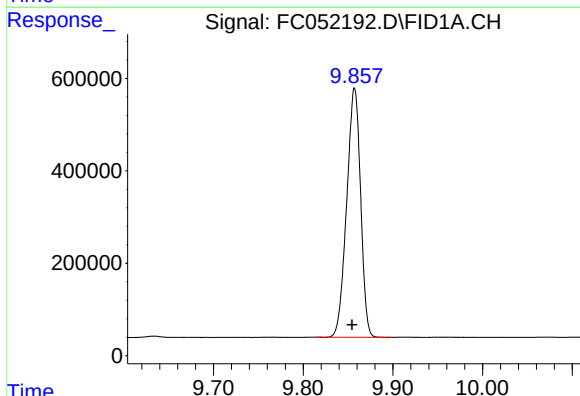
R.T.: 7.080 min
Delta R.T.: 0.003 min
Response: 6624000
Conc: 47.51 ug/ml

Instrument :
FID_C
ClientSampleId :



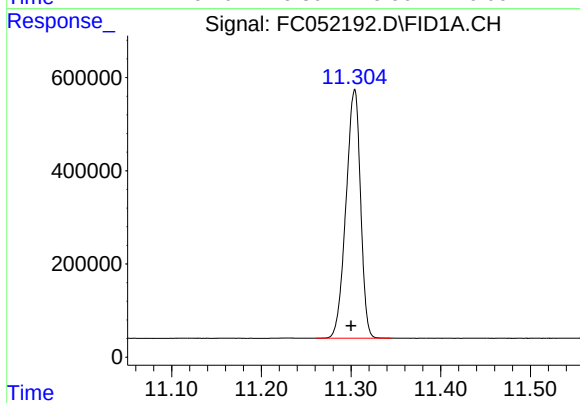
#6 n-Tetradecane (C14)

R.T.: 8.253 min
Delta R.T.: 0.003 min
Response: 5898407
Conc: 47.35 ug/ml



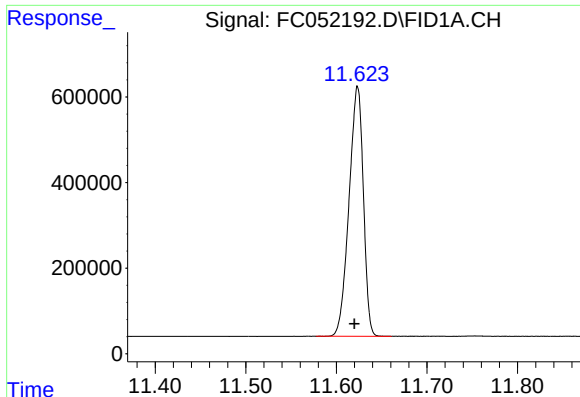
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: 0.003 min
Response: 5809294
Conc: 47.34 ug/ml



#8 n-Octadecane (C18)

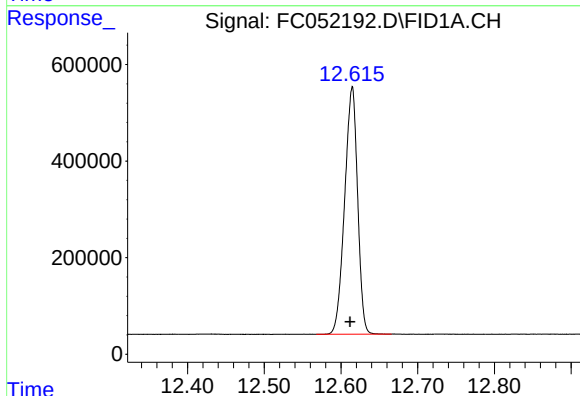
R.T.: 11.304 min
Delta R.T.: 0.004 min
Response: 6021892
Conc: 47.23 ug/ml



#9 ortho-Terphenyl (SURR)

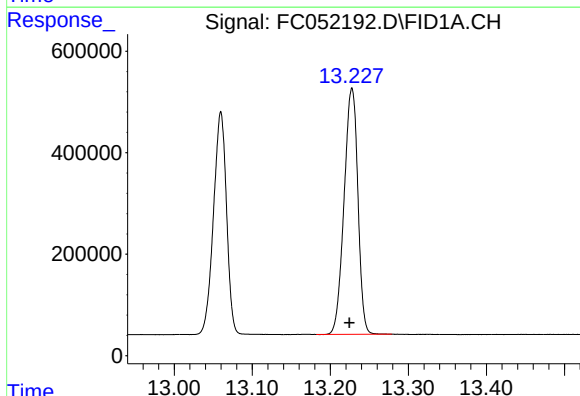
R.T.: 11.623 min
Delta R.T.: 0.004 min
Response: 6417558
Conc: 47.40 ug/ml

Instrument :
FID_C
ClientSampleId :



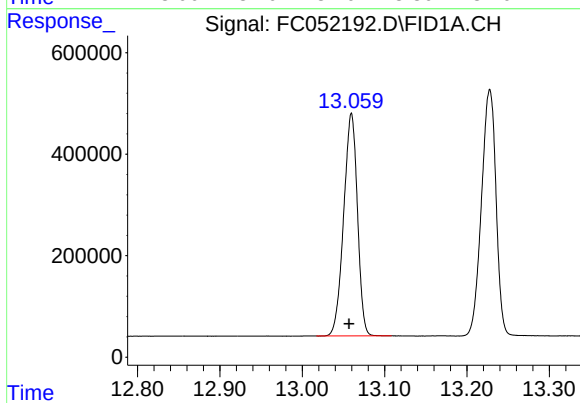
#10 n-Eicosane (C20)

R.T.: 12.615 min
Delta R.T.: 0.003 min
Response: 6009429
Conc: 47.50 ug/ml



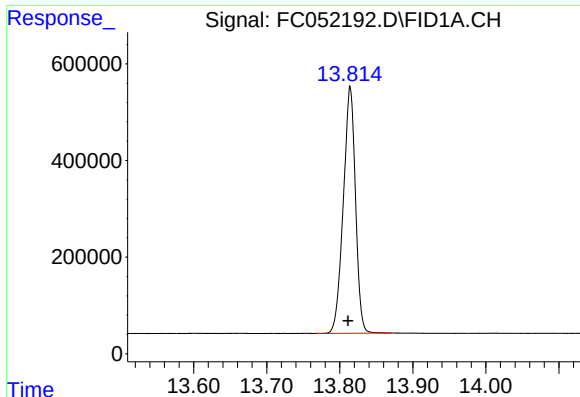
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: 0.003 min
Response: 5958683
Conc: 47.56 ug/ml



#12 1-chlorooctadecane (SURR)

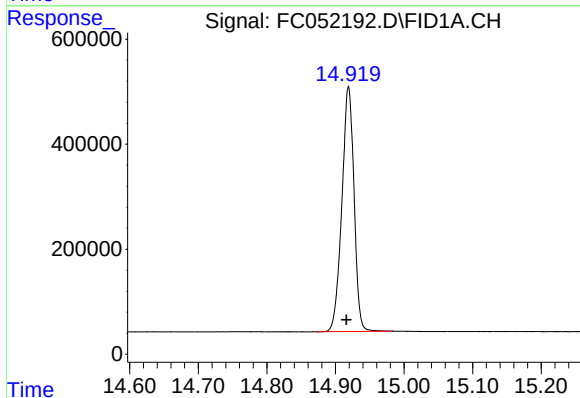
R.T.: 13.060 min
Delta R.T.: 0.003 min
Response: 5089093
Conc: 47.71 ug/ml



#13 n-Docosane (C22)

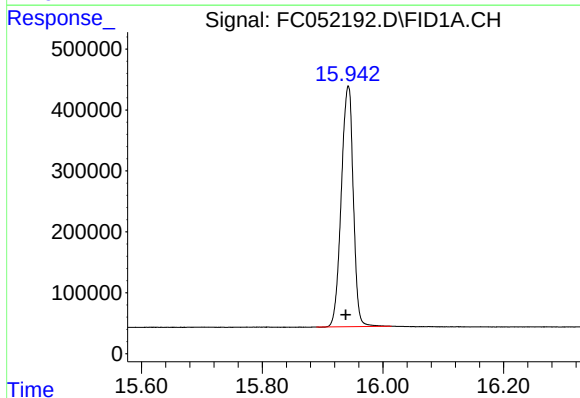
R.T.: 13.814 min
Delta R.T.: 0.003 min
Response: 5911158
Conc: 47.87 ug/ml

Instrument :
FID_C
ClientSampleId :



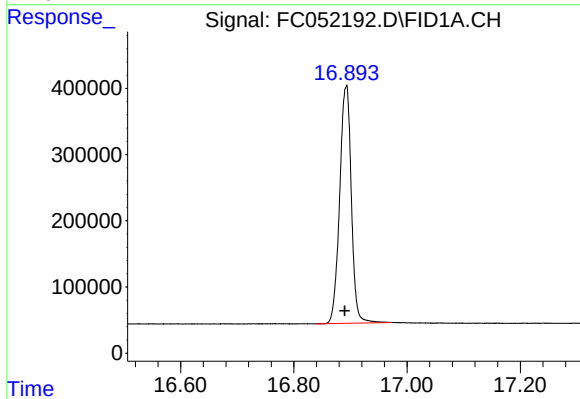
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: 0.003 min
Response: 5751977
Conc: 48.19 ug/ml



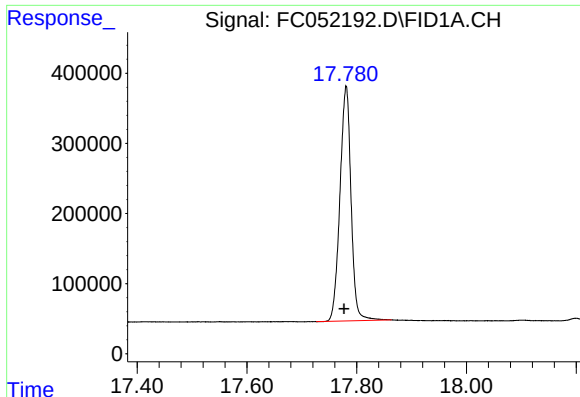
#15 n-Hexacosane (C26)

R.T.: 15.943 min
Delta R.T.: 0.004 min
Response: 5455454
Conc: 48.81 ug/ml



#16 n-Octacosane (C28)

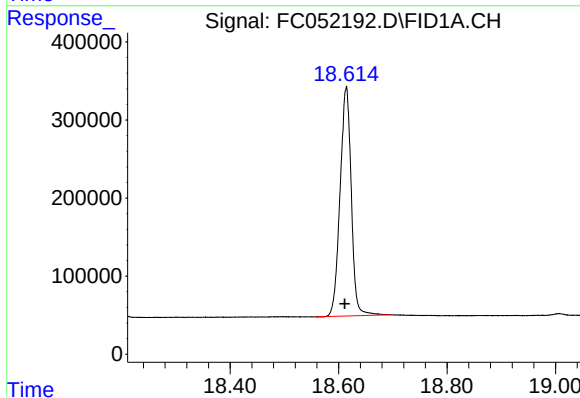
R.T.: 16.893 min
Delta R.T.: 0.003 min
Response: 5119903
Conc: 49.27 ug/ml



#17 n-Tricontane (C30)

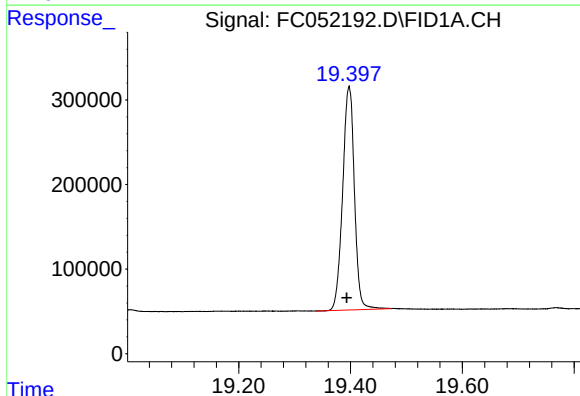
R.T.: 17.781 min
Delta R.T.: 0.004 min
Response: 4689445
Conc: 49.42 ug/ml

Instrument :
FID_C
ClientSampleId :



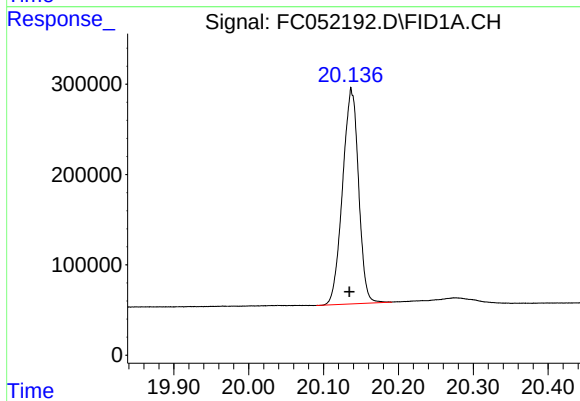
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: 0.003 min
Response: 4209960
Conc: 49.39 ug/ml



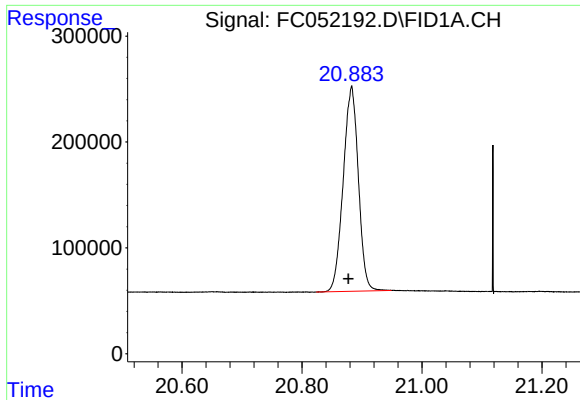
#19 n-Tetratriacontane (C34)

R.T.: 19.398 min
Delta R.T.: 0.004 min
Response: 3857167
Conc: 49.42 ug/ml



#20 n-Hexatriacontane (C36)

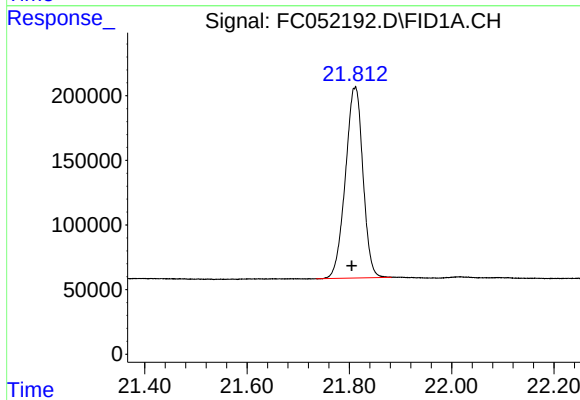
R.T.: 20.137 min
Delta R.T.: 0.003 min
Response: 3537622
Conc: 48.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: 0.005 min
Response: 3389489
Conc: 48.87 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.812 min
Delta R.T.: 0.007 min
Response: 3511466
Conc: 47.39 ug/ml