

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101722AL\
 Data File : FC061822.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2022 11:41
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 17 23:21:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:16:40 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.592	7059385	49.939 ug/ml
Spiked Amount 50.000		Recovery =	99.88%
12) S 1-chlorooctadecane (S...	13.028	5550961	49.955 ug/ml
Spiked Amount 50.000		Recovery =	99.91%
Target Compounds			
1) T n-Nonane (C9)	3.348	6656816	49.649 ug/ml
2) T n-Decane (C10)	4.414	6760826	49.685 ug/ml
3) T A~Naphthalene (C11.7)	6.000	7308901	49.629 ug/ml
4) T n-Dodecane (C12)	6.430	6881663	49.753 ug/ml
5) T A~2-methylnaphthalene...	7.057	7217326	49.778 ug/ml
6) T n-Tetradecane (C14)	8.228	6899323	49.836 ug/ml
7) T n-Hexadecane (C16)	9.830	6901633	49.876 ug/ml
8) T n-Octadecane (C18)	11.274	6859452	49.948 ug/ml
10) T n-Eicosane (C20)	12.583	6701472	49.981 ug/ml
11) T n-Heneicosane (C21)	13.195	6593750	49.973 ug/ml
13) T n-Docosane (C22)	13.782	6506940	50.013 ug/ml
14) T n-Tetracosane (C24)	14.884	6261487	50.155 ug/ml
15) T n-Hexacosane (C26)	15.906	5967145	50.183 ug/ml
16) T n-Octacosane (C28)	16.855	5688320	50.215 ug/ml
17) T n-Tricontane (C30)	17.743	5566226	50.240 ug/ml
18) T n-Dotriacontane (C32)	18.576	5465905	50.102 ug/ml
19) T n-Tetratriacontane (C34)	19.359	5249695	49.993 ug/ml
20) T n-Hexatriacontane (C36)	20.099	5281527	49.633 ug/ml
21) T n-Octatriacontane (C38)	20.838	5278499	49.939 ug/ml
22) T n-Tetracontane (C40)	21.756	5300579	50.297 ug/ml

(f)=RT Delta > 1/2 Window

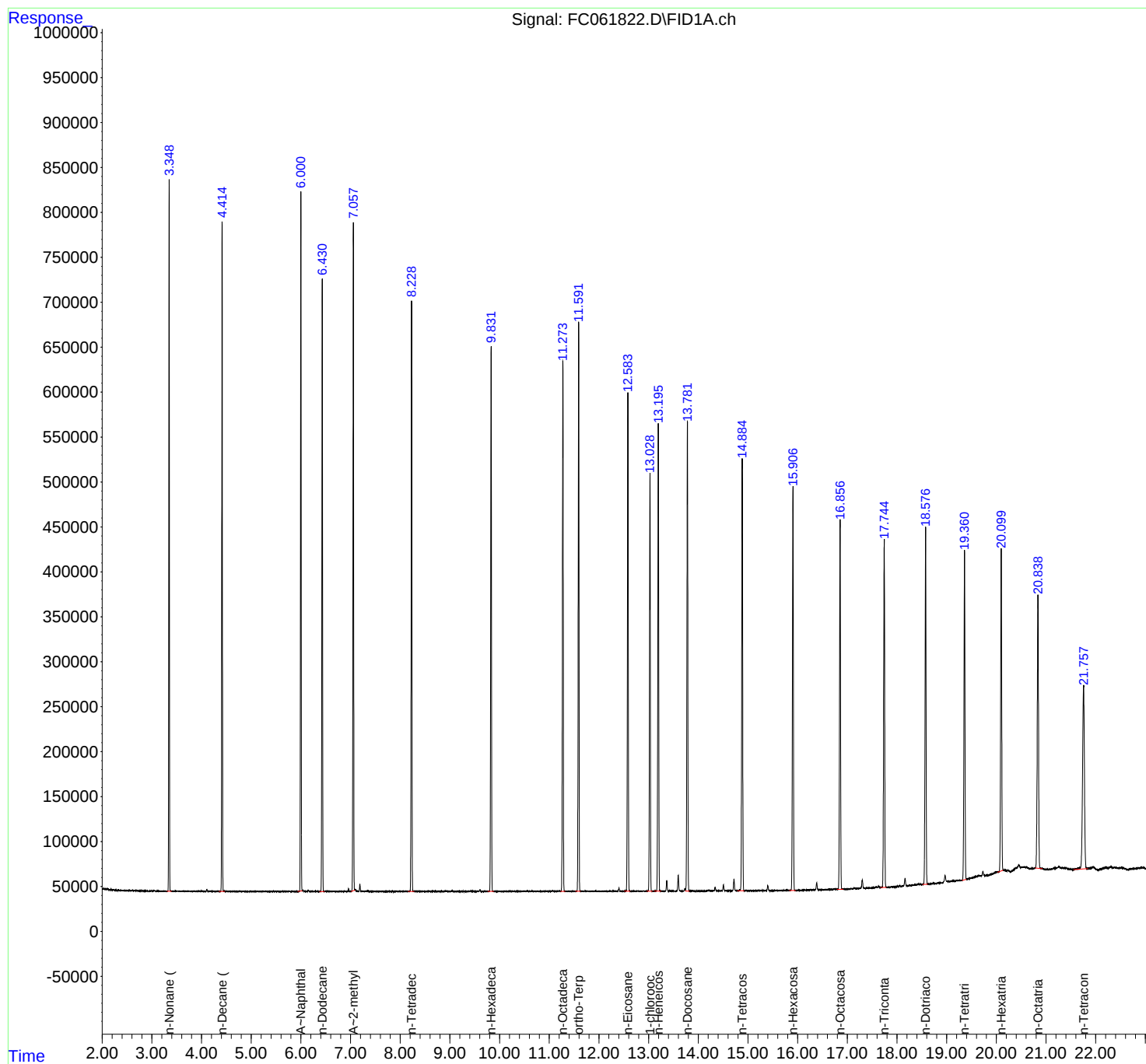
(m)=manual int.

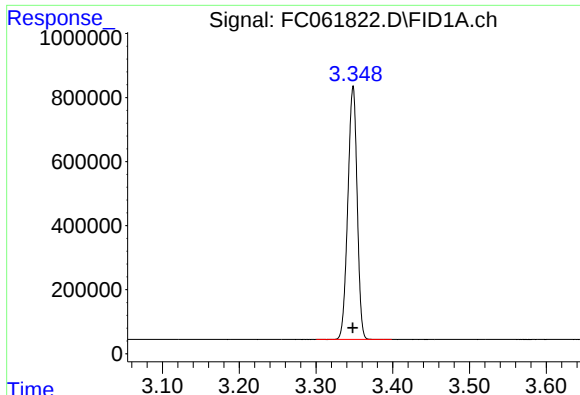
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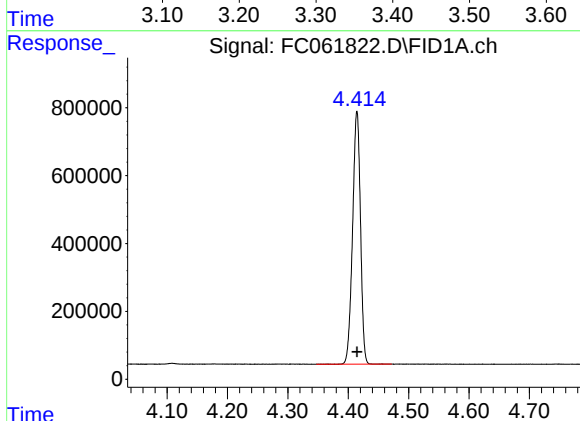




#1 n-Nonane (C9)

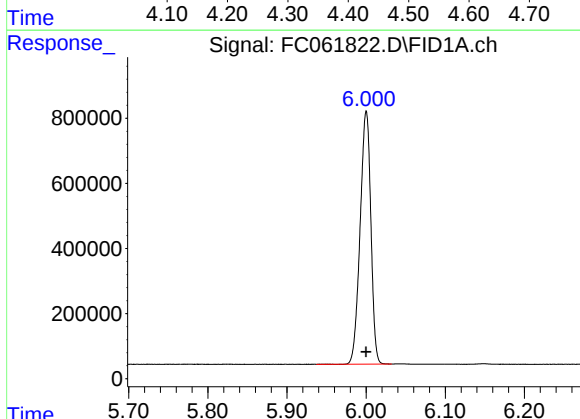
R.T.: 3.348 min
Delta R.T.: 0.000 min
Response: 6656816
Conc: 49.65 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



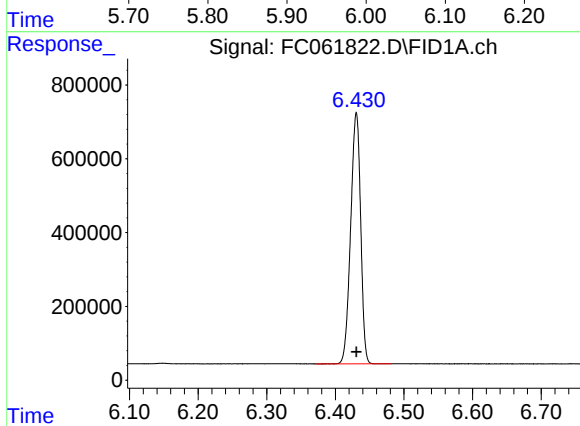
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 6760826
Conc: 49.68 ug/ml



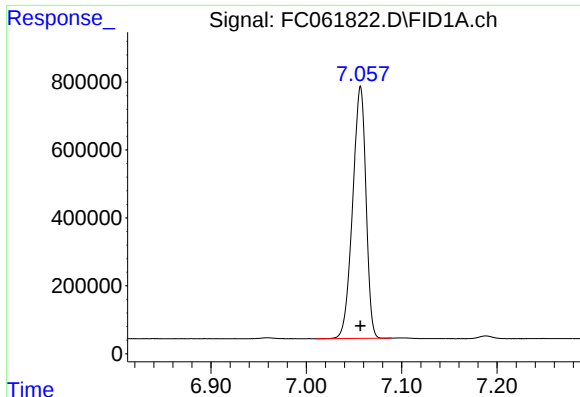
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 7308901
Conc: 49.63 ug/ml



#4 n-Dodecane (C12)

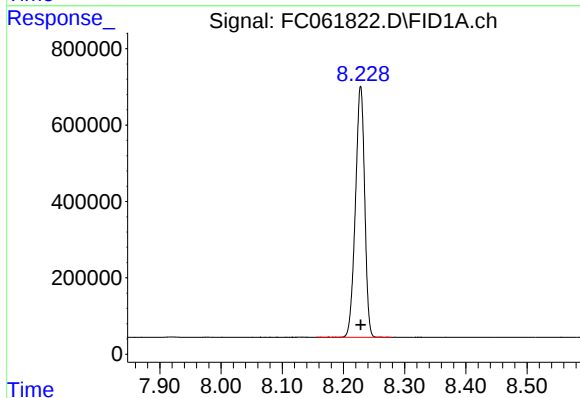
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 6881663
Conc: 49.75 ug/ml



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

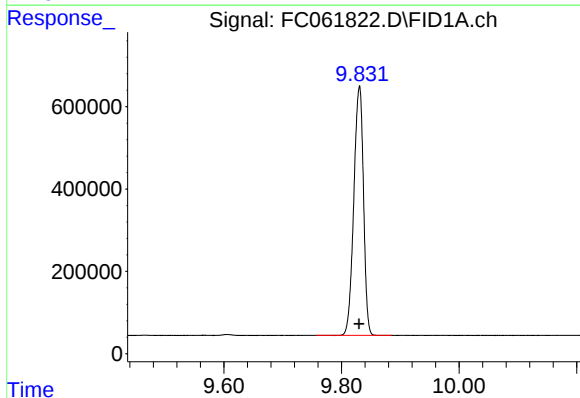
R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 7217326
Conc: 49.78 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



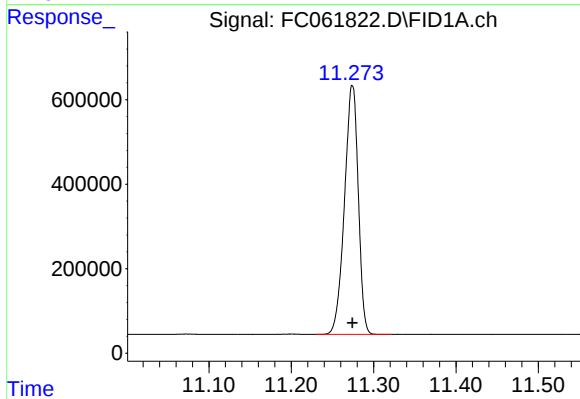
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 6899323
Conc: 49.84 ug/ml



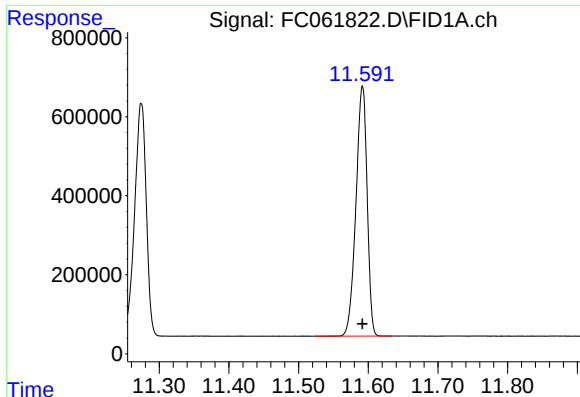
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: 0.000 min
Response: 6901633
Conc: 49.88 ug/ml



#8 n-Octadecane (C18)

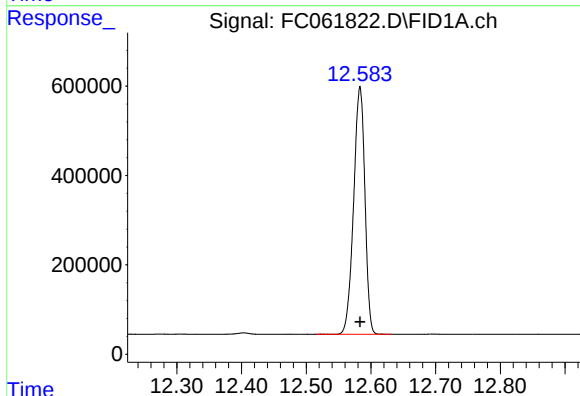
R.T.: 11.274 min
Delta R.T.: 0.000 min
Response: 6859452
Conc: 49.95 ug/ml



#9 ortho-Terphenyl (SURR)

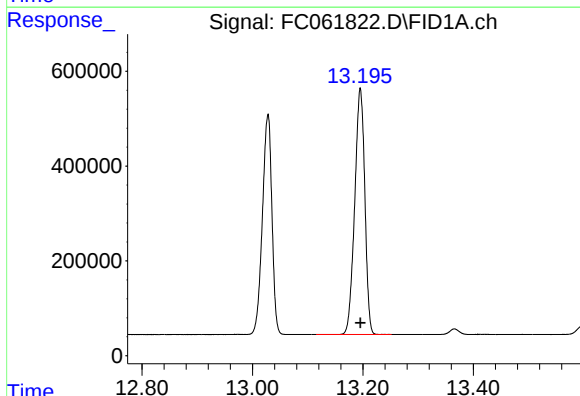
R.T.: 11.592 min
Delta R.T.: 0.000 min
Response: 7059385
Conc: 49.94 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



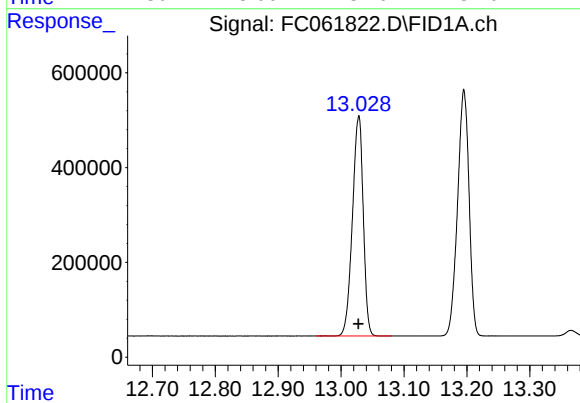
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 6701472
Conc: 49.98 ug/ml



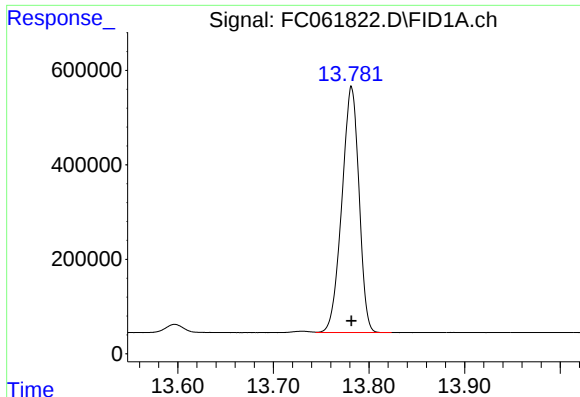
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 6593750
Conc: 49.97 ug/ml



#12 1-chlorooctadecane (SURR)

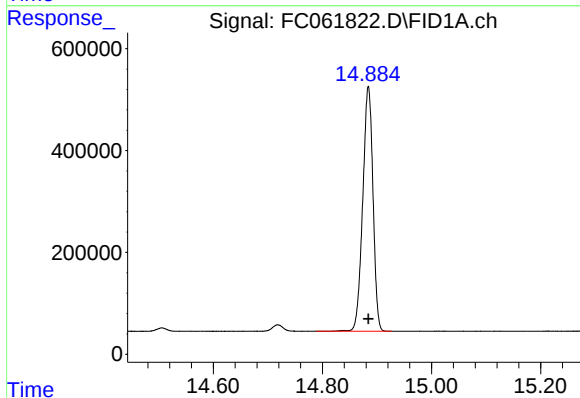
R.T.: 13.028 min
Delta R.T.: 0.000 min
Response: 5550961
Conc: 49.95 ug/ml



#13 n-Docosane (C22)

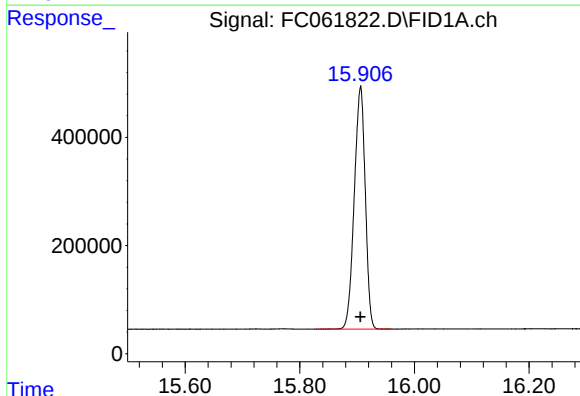
R.T.: 13.782 min
Delta R.T.: 0.000 min
Response: 6506940
Conc: 50.01 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



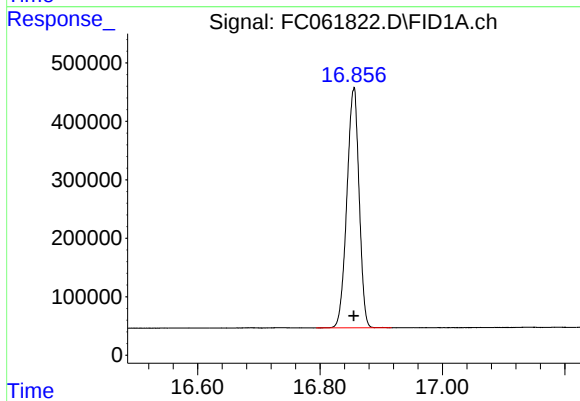
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: 0.000 min
Response: 6261487
Conc: 50.15 ug/ml



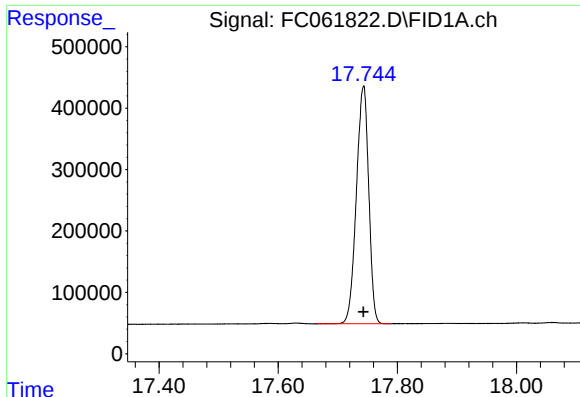
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: 0.000 min
Response: 5967145
Conc: 50.18 ug/ml



#16 n-Octacosane (C28)

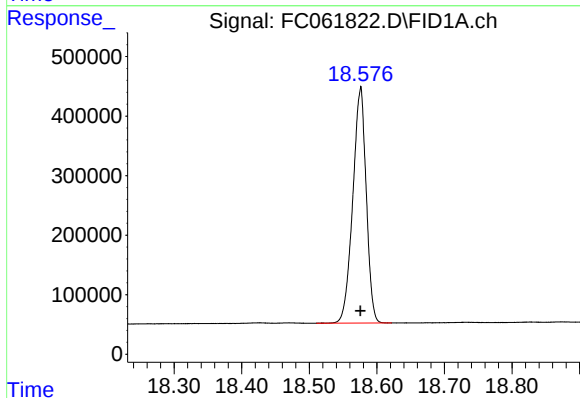
R.T.: 16.855 min
Delta R.T.: 0.000 min
Response: 5688320
Conc: 50.21 ug/ml



#17 n-Tricontane (C30)

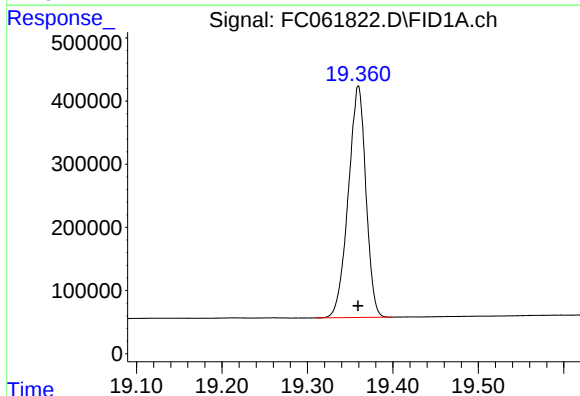
R.T.: 17.743 min
Delta R.T.: 0.000 min
Response: 5566226
Conc: 50.24 ug/ml

Instrument :
FID_C
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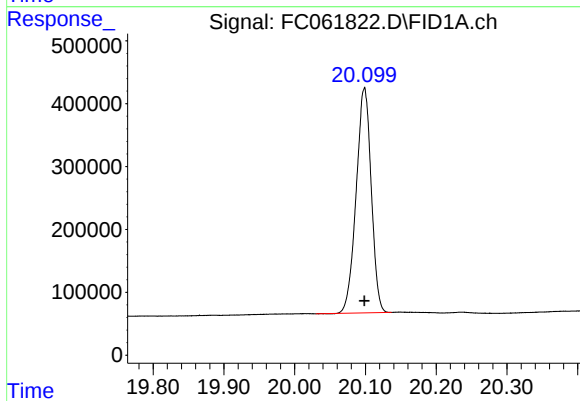
#18 n-Dotriacontane (C32)

R.T.: 18.576 min
Delta R.T.: 0.000 min
Response: 5465905
Conc: 50.10 ug/ml



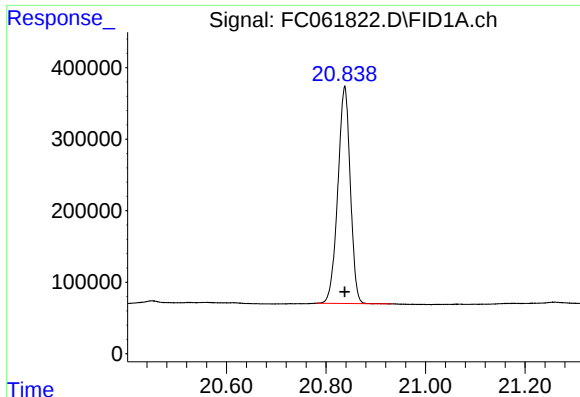
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: 0.000 min
Response: 5249695
Conc: 49.99 ug/ml



#20 n-Hexatriacontane (C36)

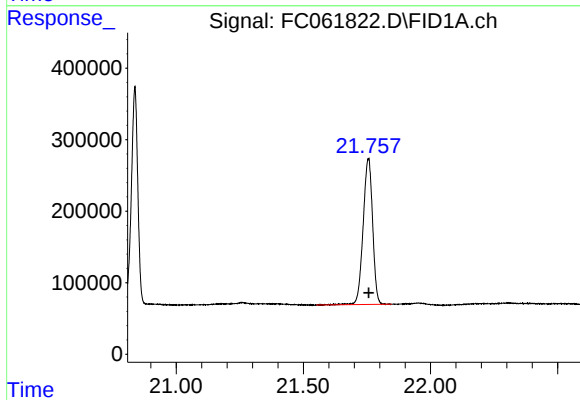
R.T.: 20.099 min
Delta R.T.: 0.000 min
Response: 5281527
Conc: 49.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.838 min
Delta R.T.: 0.000 min
Response: 5278499
Conc: 49.94 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.756 min
Delta R.T.: -0.002 min
Response: 5300579
Conc: 50.30 ug/ml