

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083123AL\
 Data File : FC064457.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 09:35
 Operator : YP/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 31 12:13:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 2023
 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)	11.508	4055711	19.103 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
12) S 1-chlorooctadecane (S...	12.944	2966644	19.457 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.306	3245111	18.386 ug/ml
2) T n-Decane (C10)	4.364	3299387	18.808 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3472163	18.672 ug/ml
4) T n-Dodecane (C12)	6.374	3357857	18.839 ug/ml
5) T A~2-methylnaphthalene...	6.997	3450012	19.394 ug/ml
6) T n-Tetradecane (C14)	8.164	3327247	19.072 ug/ml
7) T n-Hexadecane (C16)	9.759	3381120	19.565 ug/ml
8) T n-Octadecane (C18)	11.196	3402692	19.435 ug/ml
10) T n-Eicosane (C20)	12.500	3288994	19.443 ug/ml
11) T n-Heneicosane (C21)	13.111	3226555	19.332 ug/ml
13) T n-Docosane (C22)	13.694	3177450	19.480 ug/ml
14) T n-Tetracosane (C24)	14.793	3101486	19.476 ug/ml
15) T n-Hexacosane (C26)	15.810	2996530	19.395 ug/ml
16) T n-Octacosane (C28)	16.756	2957787	19.978 ug/ml
17) T n-Tricontane (C30)	17.640	3097271	21.204 ug/ml
18) T n-Dotriacontane (C32)	18.471	3086749	21.852 ug/ml
19) T n-Tetratriacontane (C34)	19.249	2878535	21.544 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2687019	20.999 ug/ml
21) T n-Octatriacontane (C38)	20.709	2561591	20.860 ug/ml
22) T n-Tetracontane (C40)	21.586	2473031	21.295 ug/ml

(f)=RT Delta > 1/2 Window

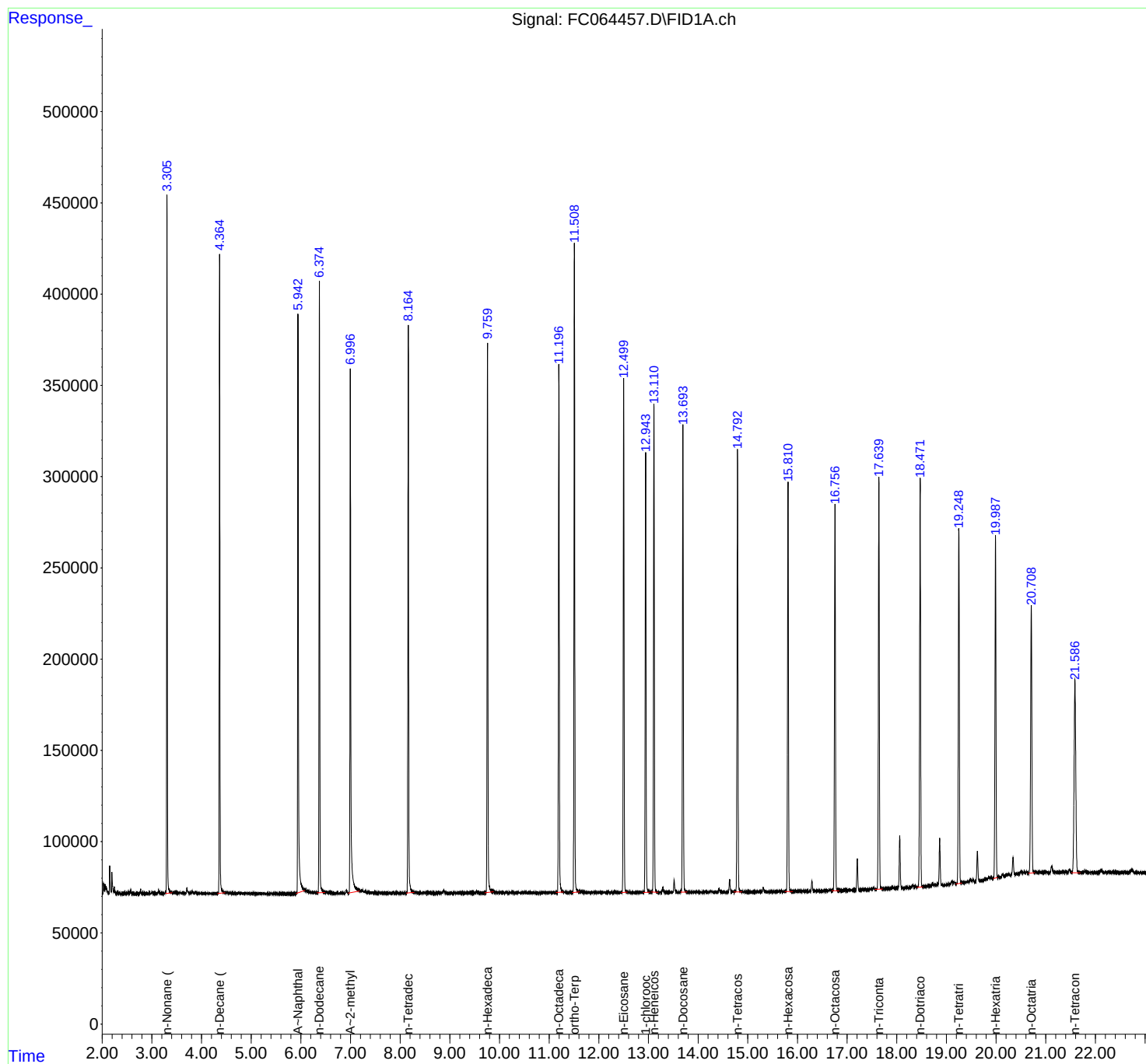
(m)=manual int.

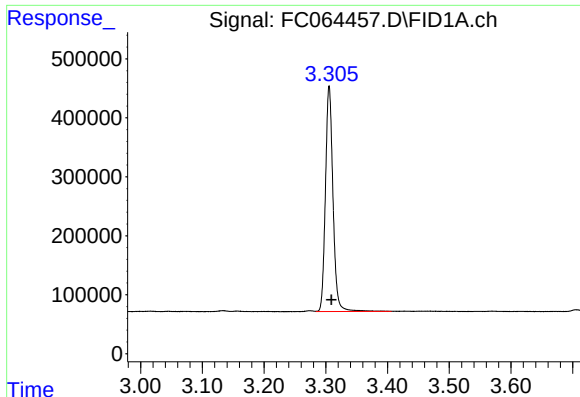
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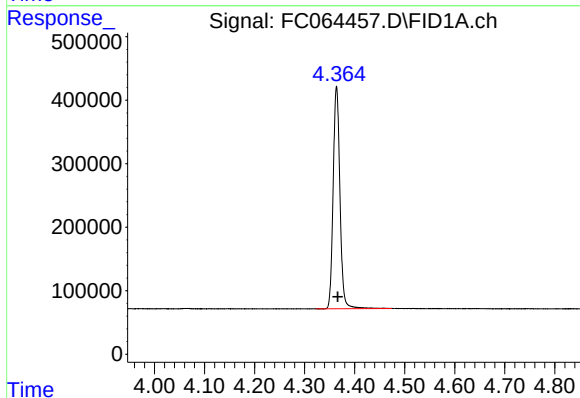




#1 n-Nonane (C9)

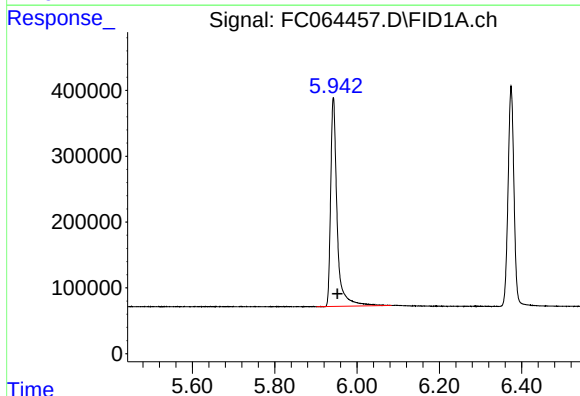
R.T.: 3.306 min
Delta R.T.: -0.003 min
Response: 3245111
Conc: 18.39 ug/ml

Instrument :
FID_C
ClientSampleId :



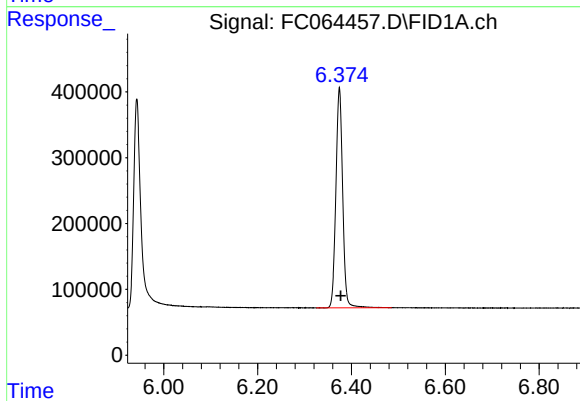
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 3299387
Conc: 18.81 ug/ml



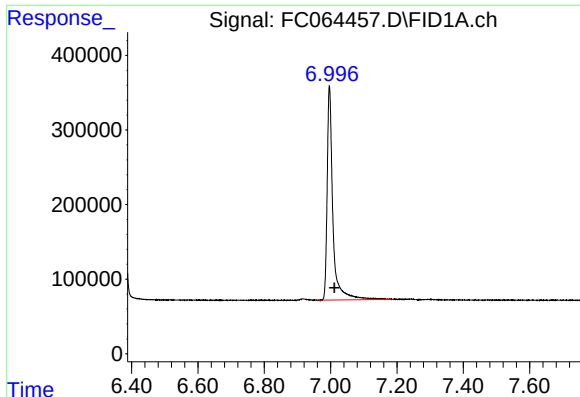
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 3472163
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

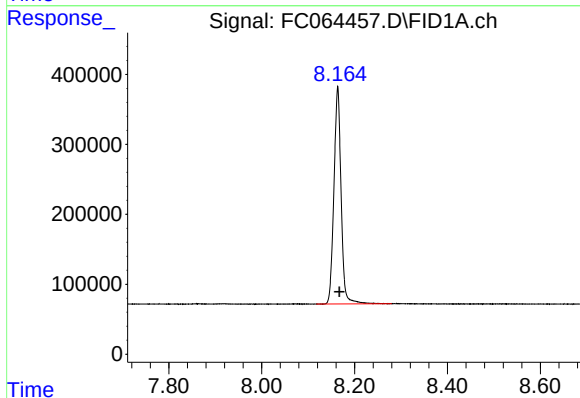
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 3357857
Conc: 18.84 ug/ml



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

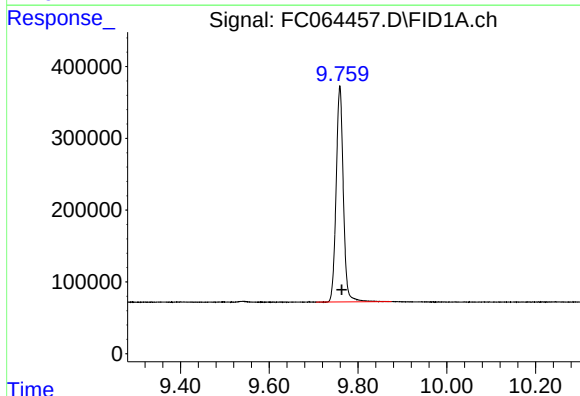
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3450012
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :



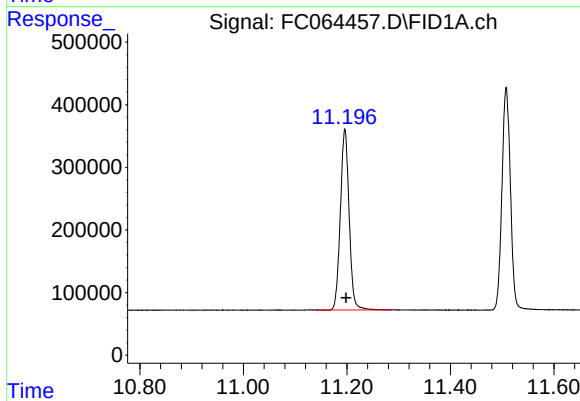
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 3327247
Conc: 19.07 ug/ml



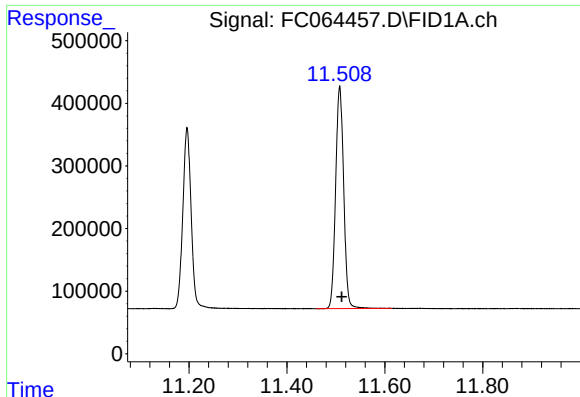
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.004 min
Response: 3381120
Conc: 19.57 ug/ml



#8 n-Octadecane (C18)

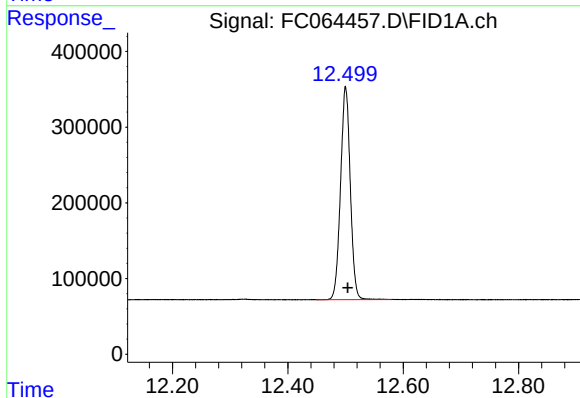
R.T.: 11.196 min
Delta R.T.: -0.002 min
Response: 3402692
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

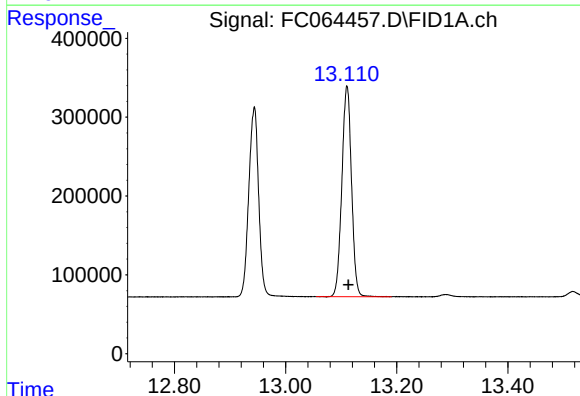
R.T.: 11.508 min
Delta R.T.: -0.004 min
Response: 4055711
Conc: 19.10 ug/ml

Instrument :
FID_C
ClientSampleId :



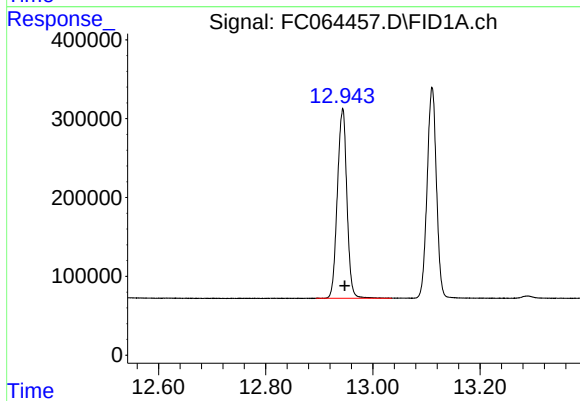
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.004 min
Response: 3288994
Conc: 19.44 ug/ml



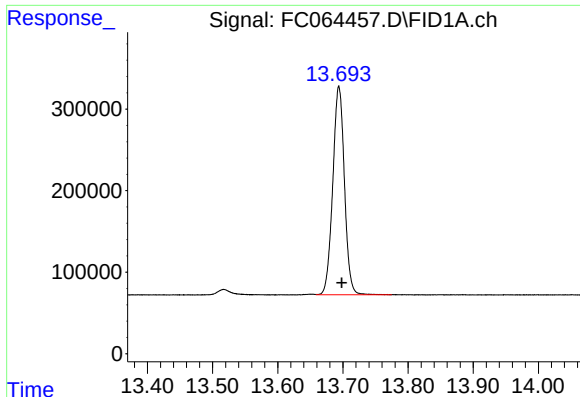
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.002 min
Response: 3226555
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

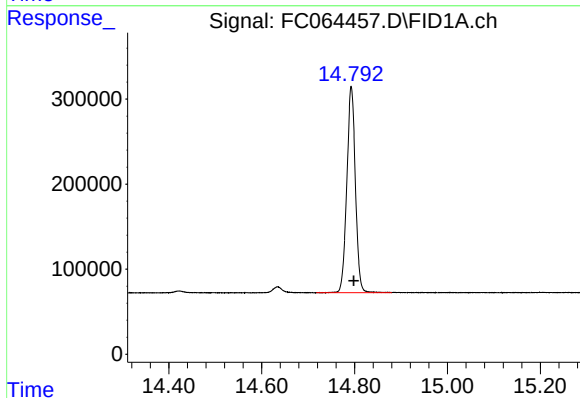
R.T.: 12.944 min
Delta R.T.: -0.004 min
Response: 2966644
Conc: 19.46 ug/ml



#13 n-Docosane (C22)

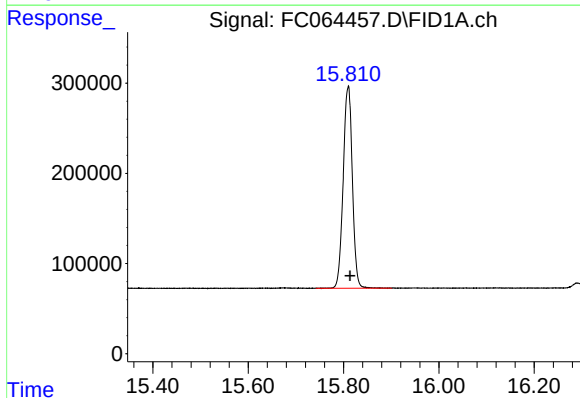
R.T.: 13.694 min
Delta R.T.: -0.004 min
Response: 3177450
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :



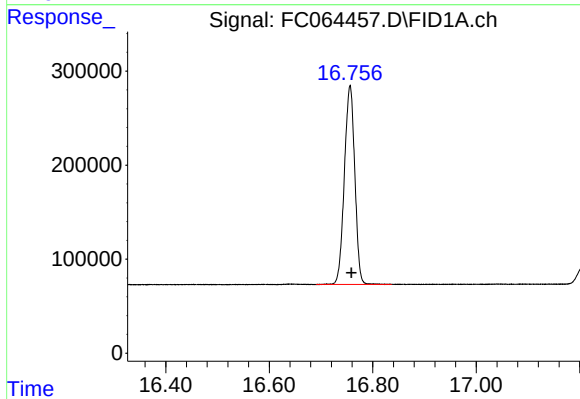
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: -0.006 min
Response: 3101486
Conc: 19.48 ug/ml



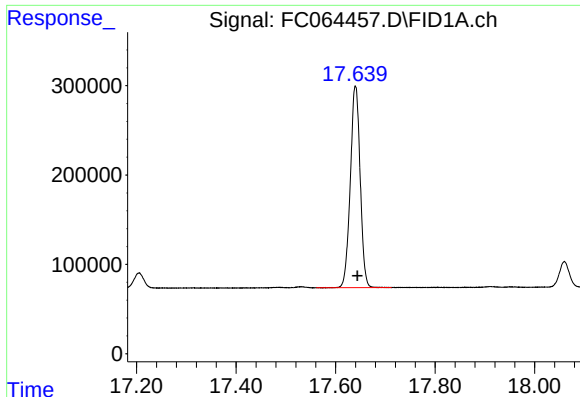
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: -0.004 min
Response: 2996530
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

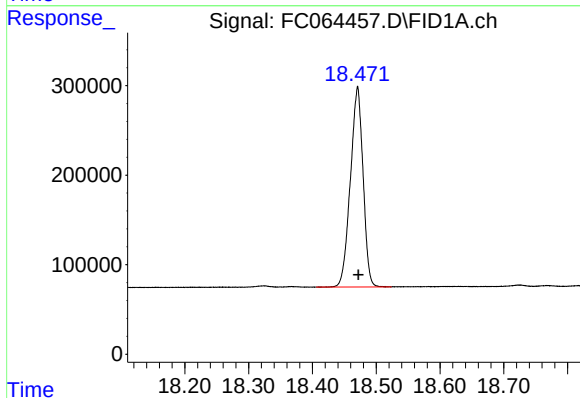
R.T.: 16.756 min
Delta R.T.: -0.003 min
Response: 2957787
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

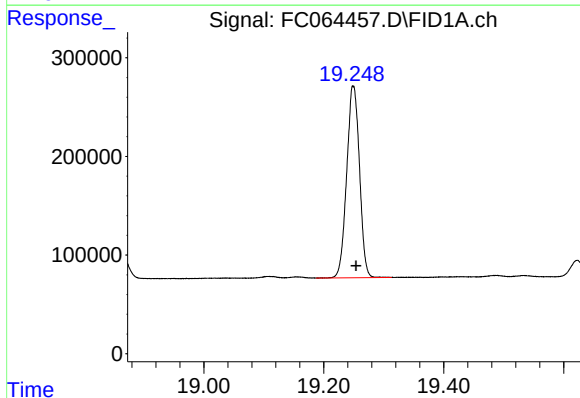
R.T.: 17.640 min
Delta R.T.: -0.004 min
Response: 3097271
Conc: 21.20 ug/ml

Instrument :
FID_C
ClientSampleId :



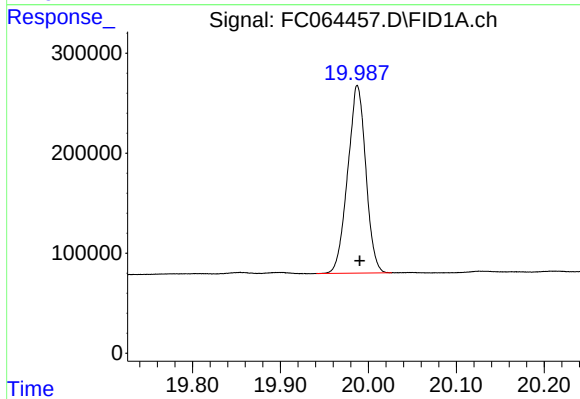
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.001 min
Response: 3086749
Conc: 21.85 ug/ml



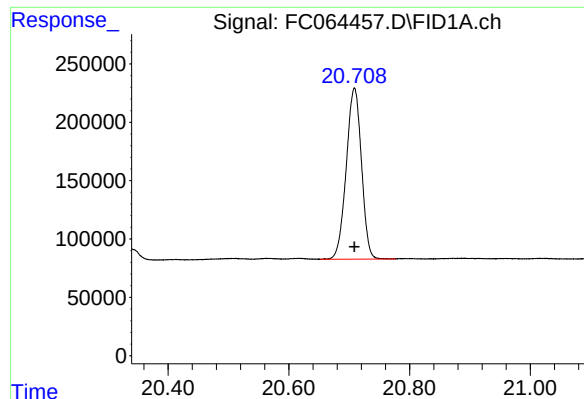
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.005 min
Response: 2878535
Conc: 21.54 ug/ml



#20 n-Hexatriacontane (C36)

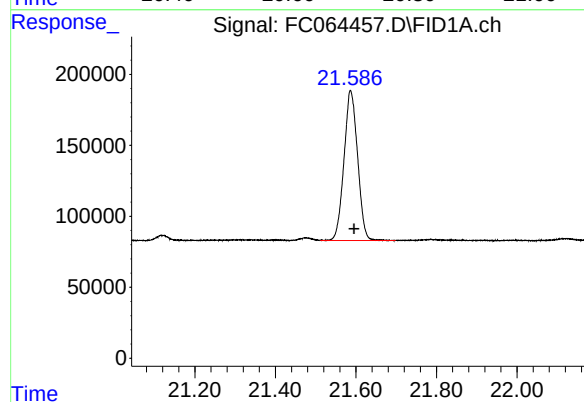
R.T.: 19.988 min
Delta R.T.: -0.003 min
Response: 2687019
Conc: 21.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.000 min
Response: 2561591
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: -0.010 min
Response: 2473031
Conc: 21.30 ug/ml