

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081823AL\
 Data File : FC064365.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 13:50
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 14:28:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 13:04:15 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)	11.512	1037670	4.824 ug/ml
Spiked Amount 50.000		Recovery =	9.65%
12) S 1-chlorooctadecane (S...	12.947	739833	4.768 ug/ml
Spiked Amount 50.000		Recovery =	9.54%
Target Compounds			
1) T n-Nonane (C9)	3.309	831453	4.648 ug/ml
2) T n-Decane (C10)	4.367	815413	4.581 ug/ml
3) T A~Naphthalene (C11.7)	5.954	708986	3.835 ug/ml
4) T n-Dodecane (C12)	6.377	832113	4.576 ug/ml
5) T A~2-methylnaphthalene...	7.013	610430	3.431 ug/ml
6) T n-Tetradecane (C14)	8.167	826675	4.672 ug/ml
7) T n-Hexadecane (C16)	9.763	800929	4.527 ug/ml
8) T n-Octadecane (C18)	11.199	849586	4.778 ug/ml
10) T n-Eicosane (C20)	12.504	839499	4.898 ug/ml
11) T n-Heneicosane (C21)	13.113	834391	4.942 ug/ml
13) T n-Docosane (C22)	13.698	805440	4.873 ug/ml
14) T n-Tetracosane (C24)	14.798	790268	4.904 ug/ml
15) T n-Hexacosane (C26)	15.814	769670	4.919 ug/ml
16) T n-Octacosane (C28)	16.759	737436	4.923 ug/ml
17) T n-Tricontane (C30)	17.644	739551	5.019 ug/ml
18) T n-Dotriacontane (C32)	18.472	725709	5.111 ug/ml
19) T n-Tetratriacontane (C34)	19.254	679885	5.056 ug/ml
20) T n-Hexatriacontane (C36)	19.990	643809	4.996 ug/ml
21) T n-Octatriacontane (C38)	20.709	607308	4.906 ug/ml
22) T n-Tetracontane (C40)	21.596	554837	4.713 ug/ml

(f)=RT Delta > 1/2 Window

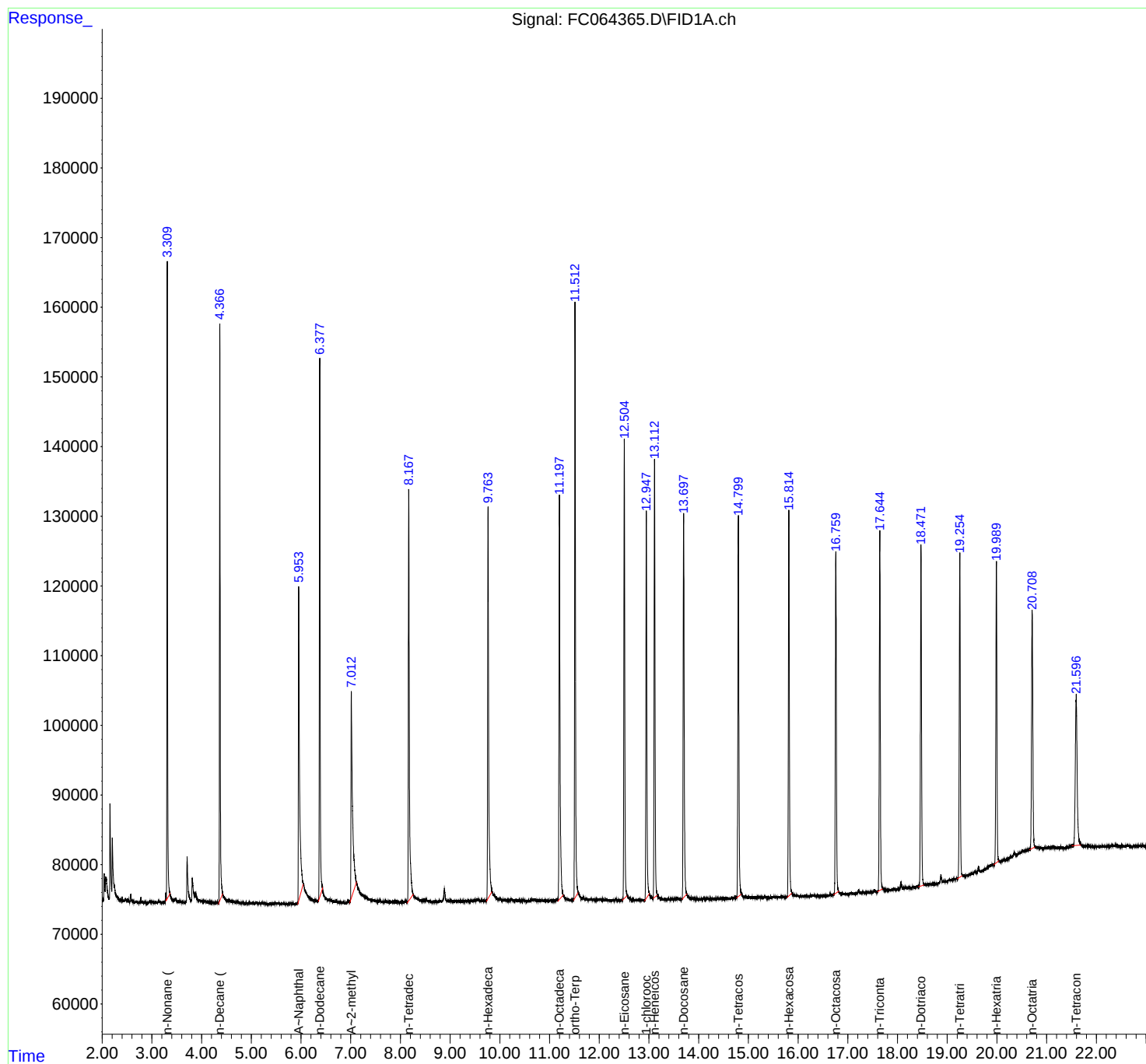
(m)=manual int.

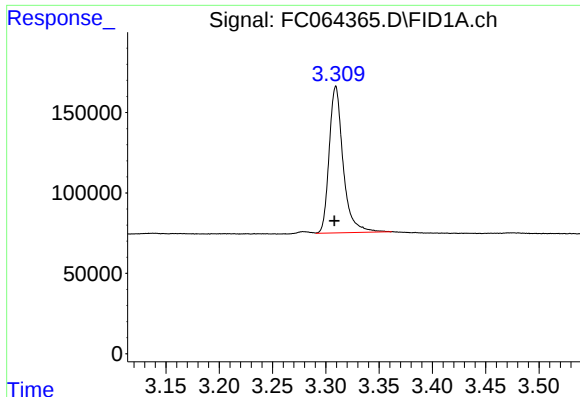
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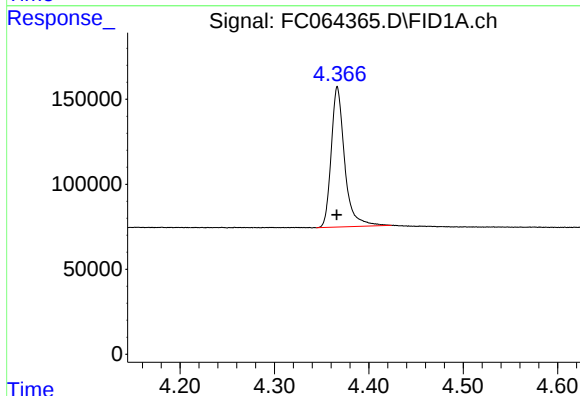




#1 n-Nonane (C9)

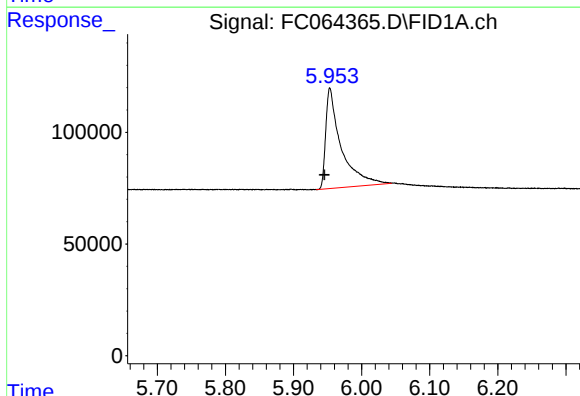
R.T.: 3.309 min
Delta R.T.: 0.001 min
Response: 831453
Conc: 4.65 ug/ml

Instrument :
FID_C
ClientSampleId :



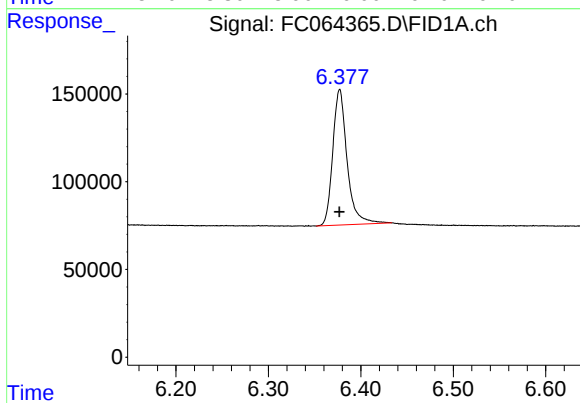
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 815413
Conc: 4.58 ug/ml



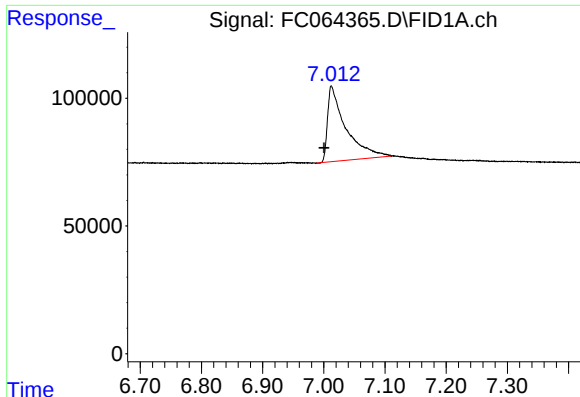
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.008 min
Response: 708986
Conc: 3.83 ug/ml



#4 n-Dodecane (C12)

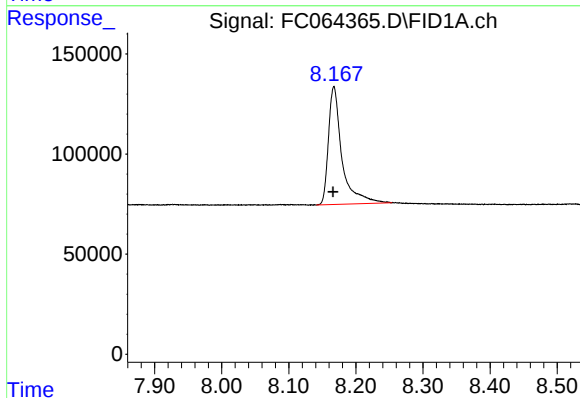
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 832113
Conc: 4.58 ug/ml



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

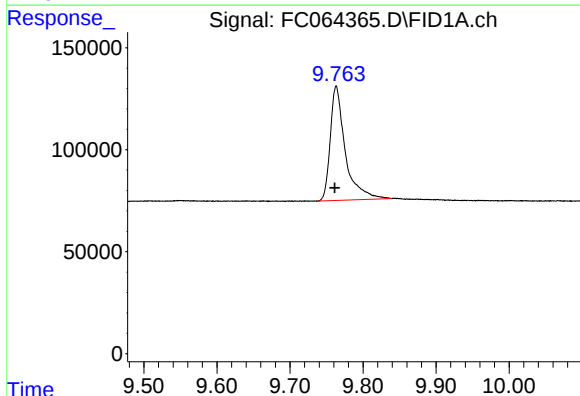
R.T.: 7.013 min
Delta R.T.: 0.012 min
Response: 610430
Conc: 3.43 ug/ml

Instrument :
FID_C
ClientSampleId :



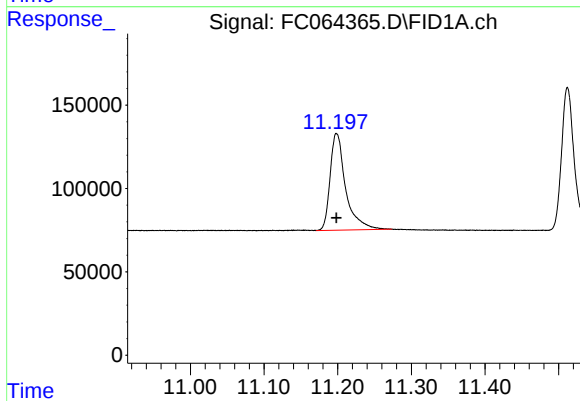
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.001 min
Response: 826675
Conc: 4.67 ug/ml



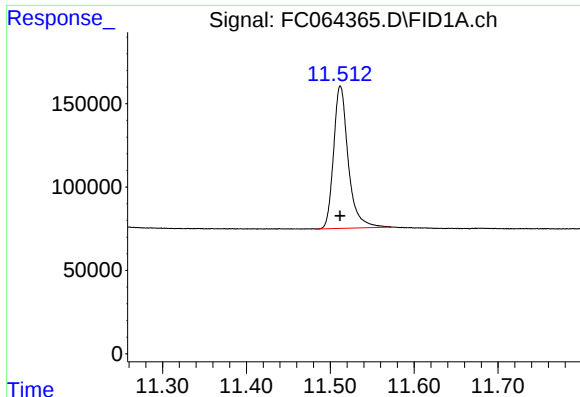
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.002 min
Response: 800929
Conc: 4.53 ug/ml



#8 n-Octadecane (C18)

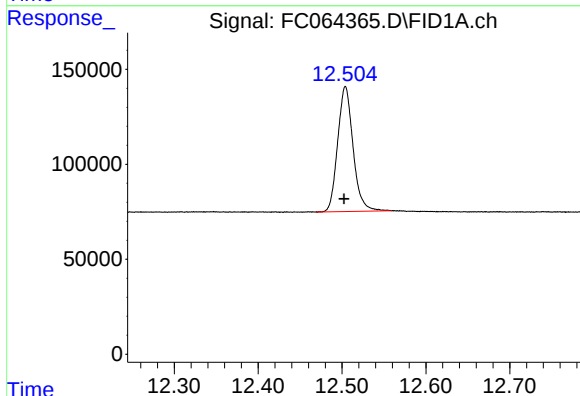
R.T.: 11.199 min
Delta R.T.: 0.000 min
Response: 849586
Conc: 4.78 ug/ml



#9 ortho-Terphenyl (SURR)

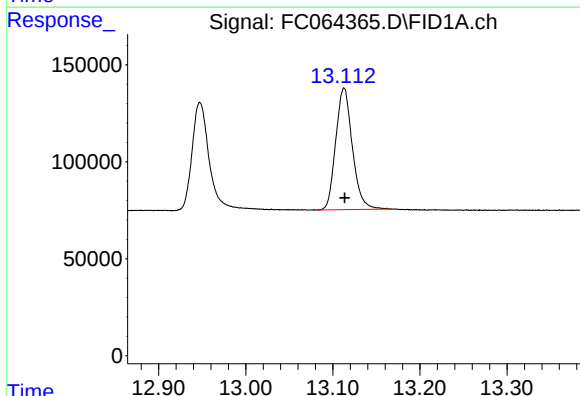
R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 1037670
Conc: 4.82 ug/ml

Instrument :
FID_C
ClientSampleId :



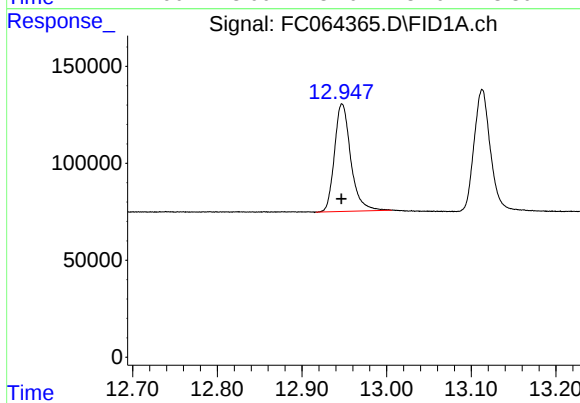
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.002 min
Response: 839499
Conc: 4.90 ug/ml



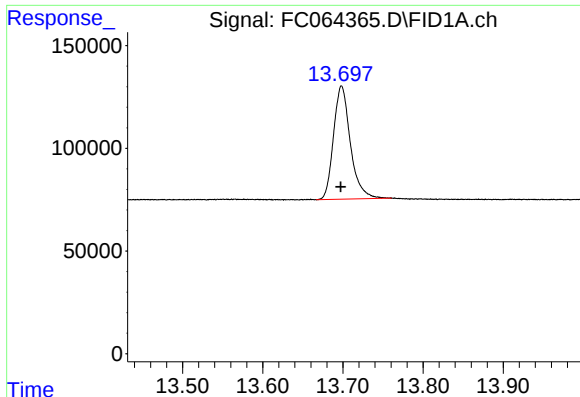
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 834391
Conc: 4.94 ug/ml



#12 1-chlorooctadecane (SURR)

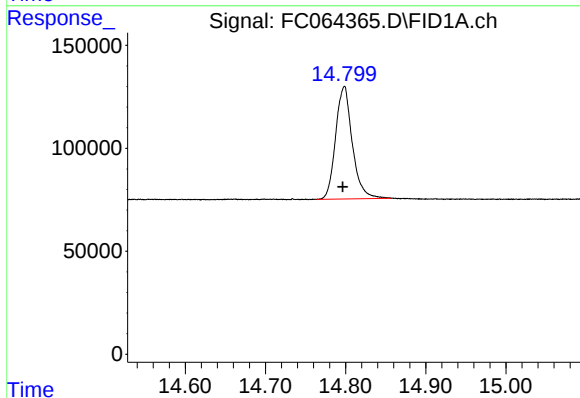
R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 739833
Conc: 4.77 ug/ml



#13 n-Docosane (C22)

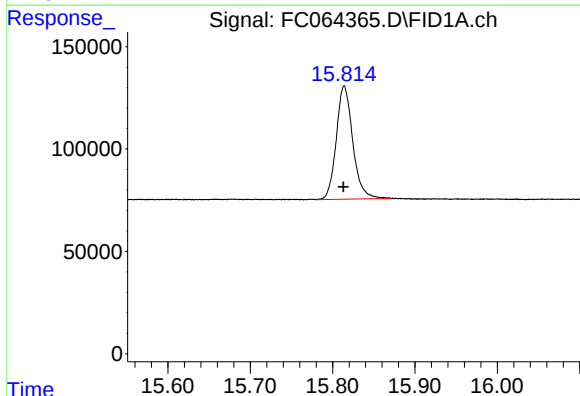
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 805440
Conc: 4.87 ug/ml

Instrument :
FID_C
ClientSampleId :



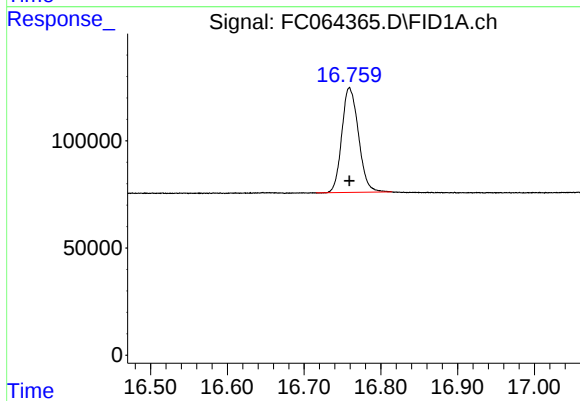
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.002 min
Response: 790268
Conc: 4.90 ug/ml



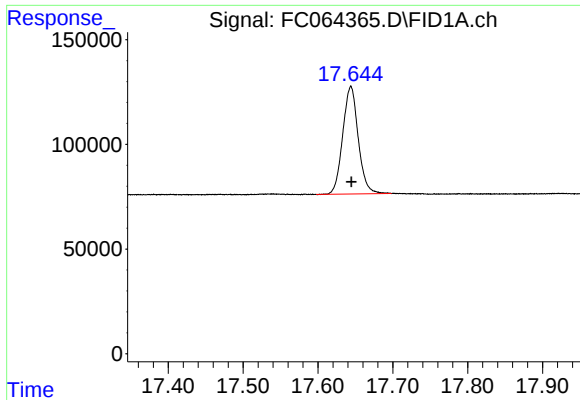
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.000 min
Response: 769670
Conc: 4.92 ug/ml



#16 n-Octacosane (C28)

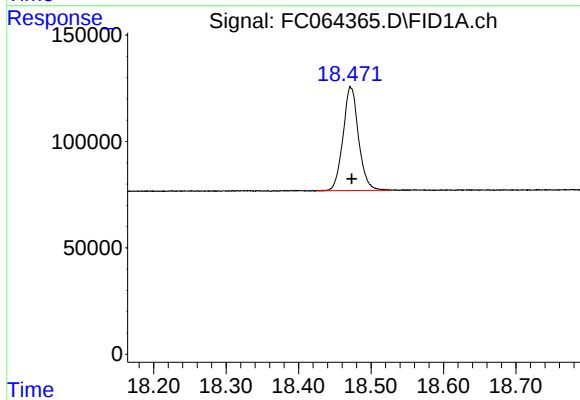
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 737436
Conc: 4.92 ug/ml



#17 n-Tricontane (C30)

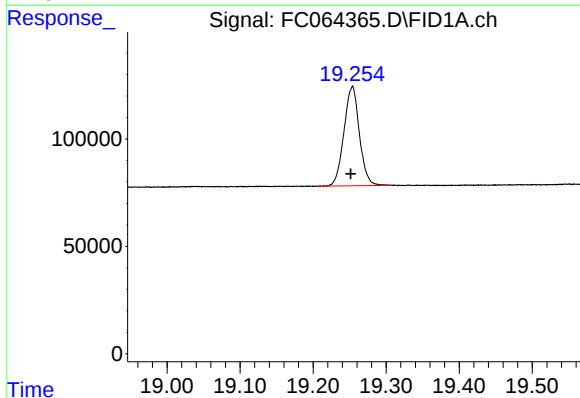
R.T.: 17.644 min
Delta R.T.: 0.000 min
Response: 739551
Conc: 5.02 ug/ml

Instrument :
FID_C
ClientSampleId :



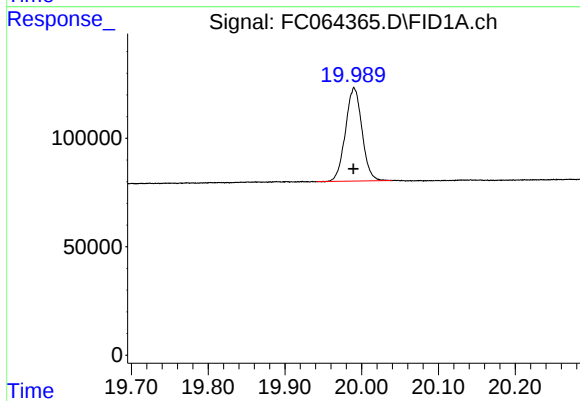
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.002 min
Response: 725709
Conc: 5.11 ug/ml



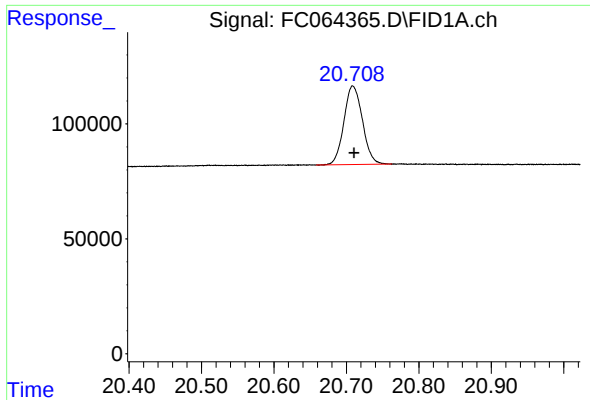
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.002 min
Response: 679885
Conc: 5.06 ug/ml



#20 n-Hexatriacontane (C36)

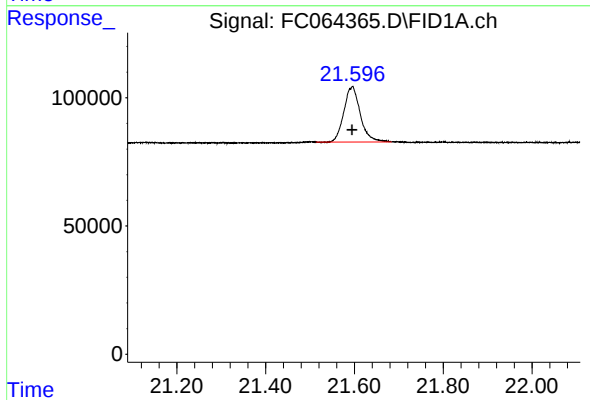
R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 643809
Conc: 5.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: -0.002 min
Response: 607308
Conc: 4.91 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.001 min
Response: 554837
Conc: 4.71 ug/ml