

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090623AL\
 Data File : FC064513.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2023 10:12
 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: Sep 06 13:26:44 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)	11.509	4038890	19.024 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
12) S 1-chlorooctadecane (S...	12.945	2934695	19.247 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T n-Nonane (C9)	3.305	3509171	19.882 ug/ml
2) T n-Decane (C10)	4.364	3570220	20.352 ug/ml
3) T A~Naphthalene (C11.7)	5.942	3767690	20.262 ug/ml
4) T n-Dodecane (C12)	6.374	3600742	20.201 ug/ml
5) T A~2-methylnaphthalene...	6.996	3666087	20.609 ug/ml
6) T n-Tetradecane (C14)	8.164	3504664	20.089 ug/ml
7) T n-Hexadecane (C16)	9.760	3481864	20.148 ug/ml
8) T n-Octadecane (C18)	11.197	3447544	19.692 ug/ml
10) T n-Eicosane (C20)	12.502	3282203	19.403 ug/ml
11) T n-Heneicosane (C21)	13.112	3207165	19.216 ug/ml
13) T n-Docosane (C22)	13.696	3134258	19.215 ug/ml
14) T n-Tetracosane (C24)	14.794	3022316	18.979 ug/ml
15) T n-Hexacosane (C26)	15.812	2909425	18.831 ug/ml
16) T n-Octacosane (C28)	16.756	2812083	18.994 ug/ml
17) T n-Tricontane (C30)	17.644	2827767	19.359 ug/ml
18) T n-Dotriacontane (C32)	18.471	2795126	19.788 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2711229	20.292 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2675467	20.908 ug/ml
21) T n-Octatriacontane (C38)	20.711	2621932	21.352 ug/ml
22) T n-Tetracontane (C40)	21.592	2637061	22.707 ug/ml

(f)=RT Delta > 1/2 Window

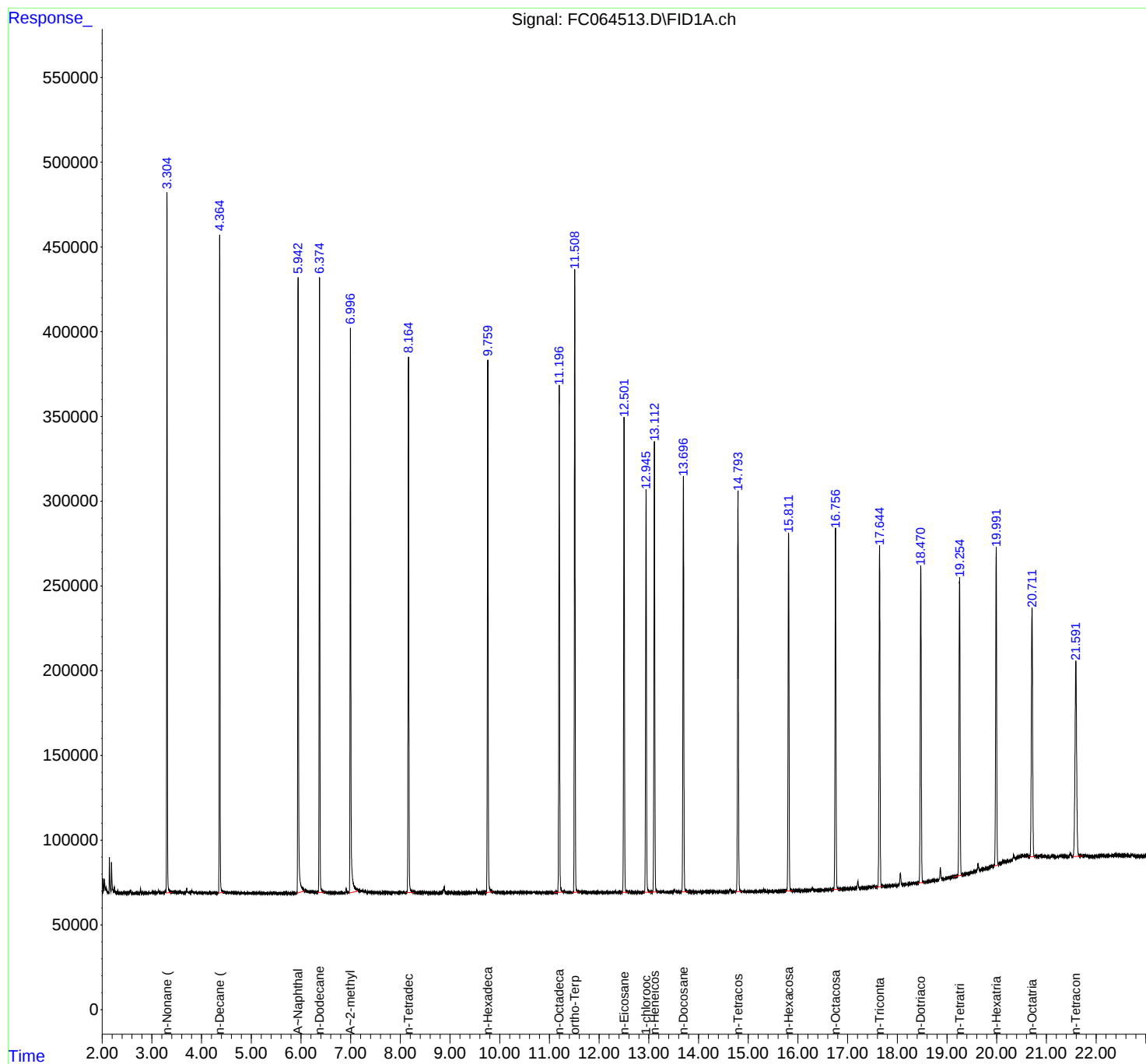
(m)=manual int.

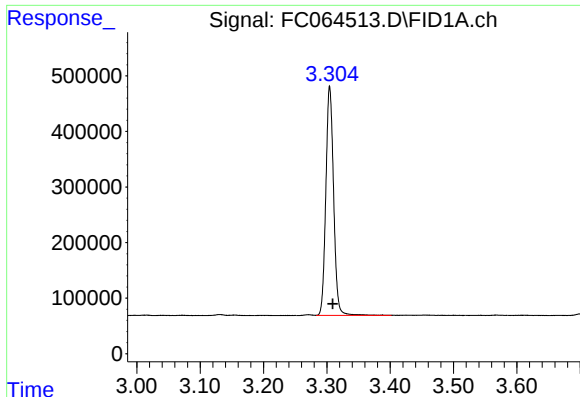
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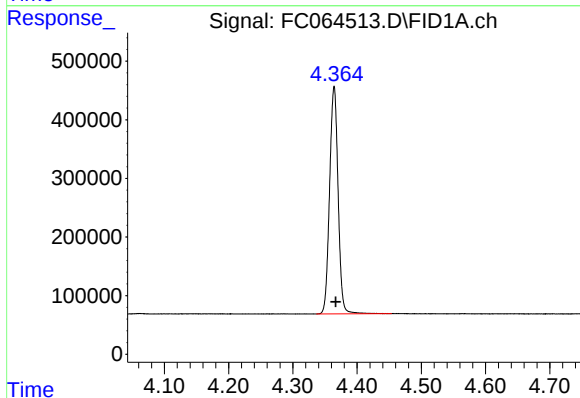




#1 n-Nonane (C9)

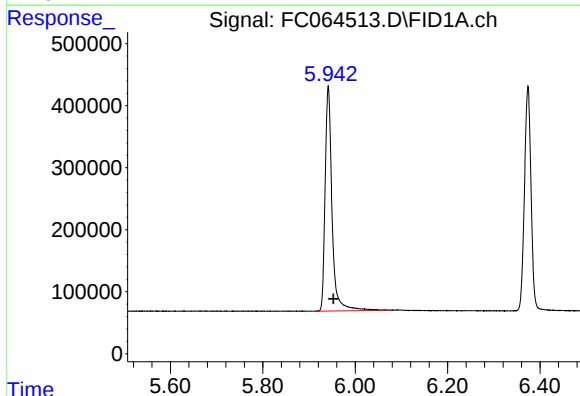
R.T.: 3.305 min
Delta R.T.: -0.004 min
Response: 3509171
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :



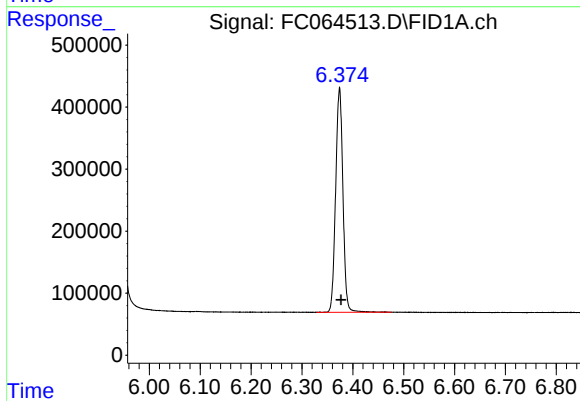
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 3570220
Conc: 20.35 ug/ml



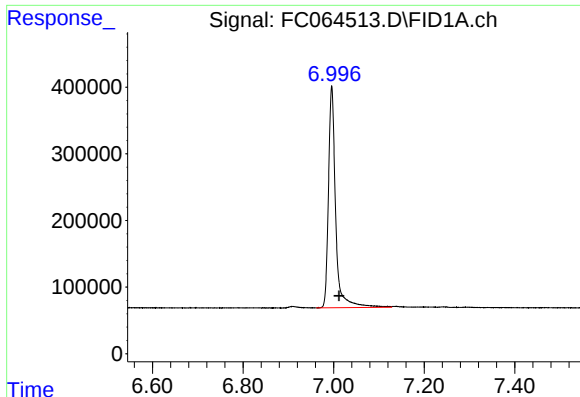
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.011 min
Response: 3767690
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

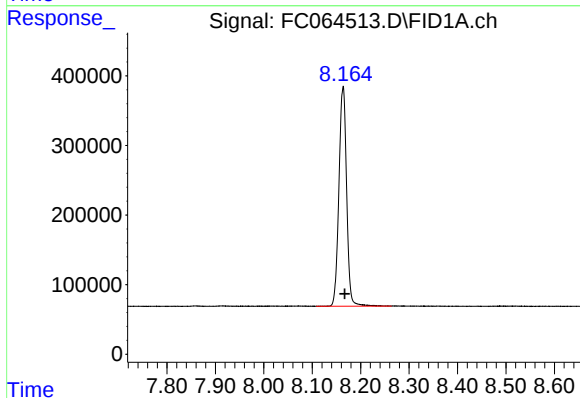
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 3600742
Conc: 20.20 ug/ml



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

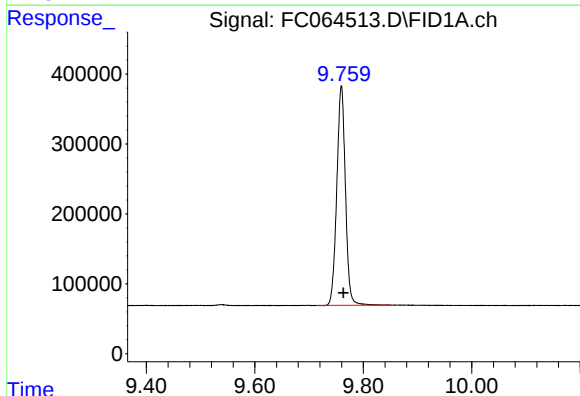
R.T.: 6.996 min
Delta R.T.: -0.016 min
Response: 3666087
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :



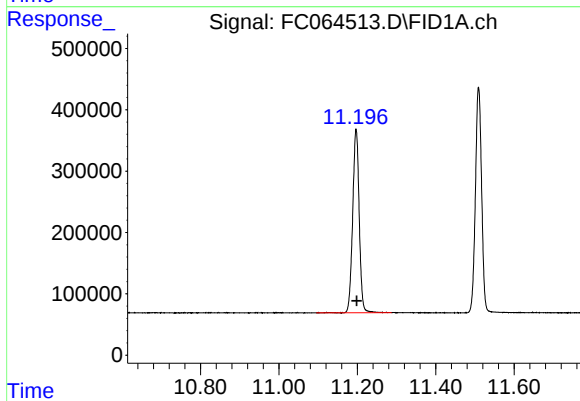
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 3504664
Conc: 20.09 ug/ml



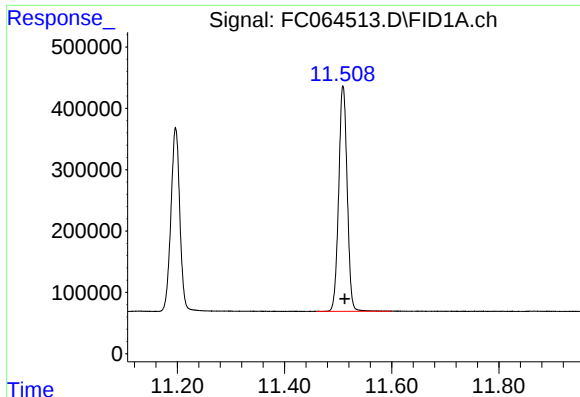
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.004 min
Response: 3481864
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

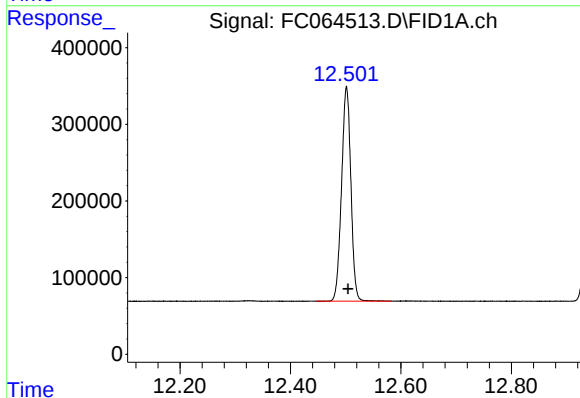
R.T.: 11.197 min
Delta R.T.: -0.002 min
Response: 3447544
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

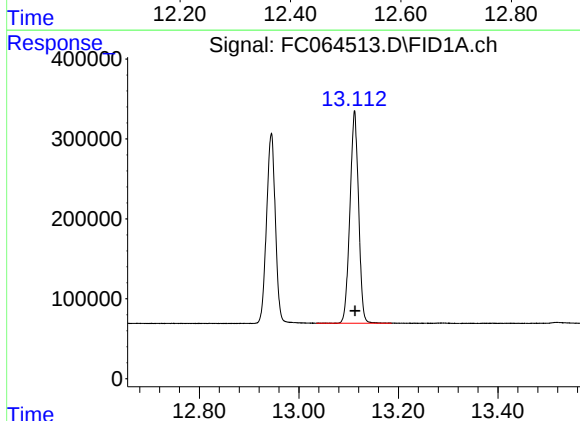
R.T.: 11.509 min
Delta R.T.: -0.003 min
Response: 4038890
Conc: 19.02 ug/ml

Instrument :
FID_C
ClientSampleId :



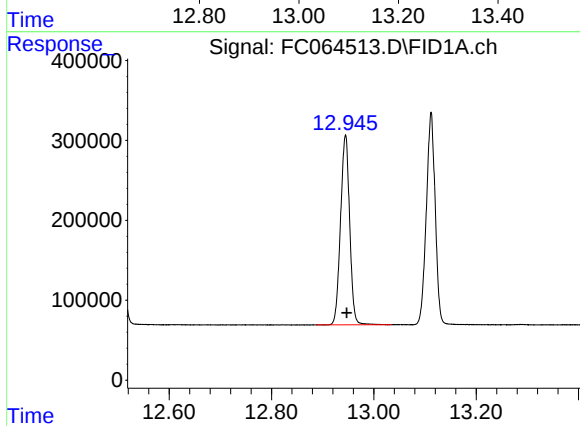
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.002 min
Response: 3282203
Conc: 19.40 ug/ml



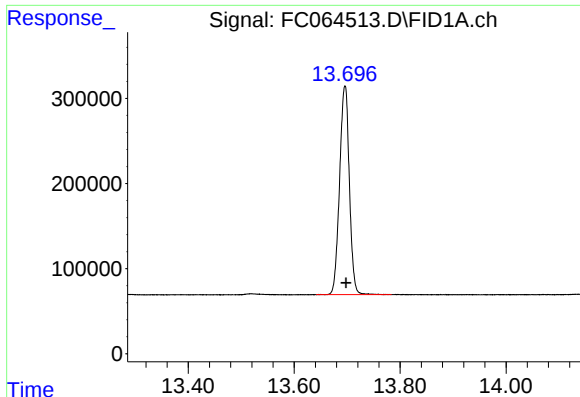
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 3207165
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

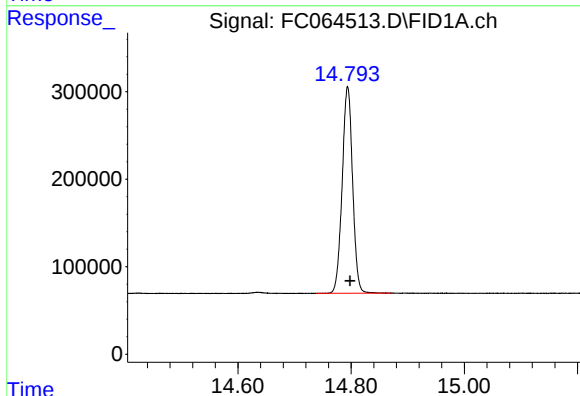
R.T.: 12.945 min
Delta R.T.: -0.003 min
Response: 2934695
Conc: 19.25 ug/ml



#13 n-Docosane (C22)

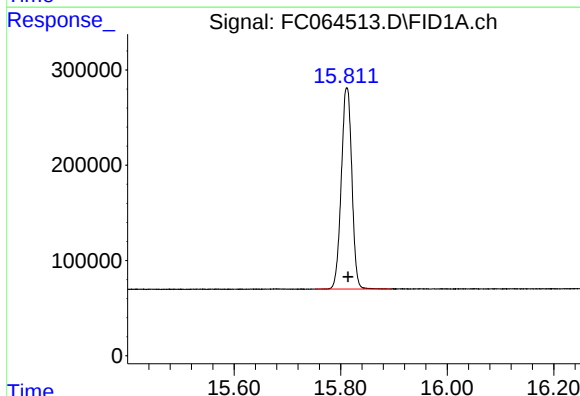
R.T.: 13.696 min
Delta R.T.: -0.002 min
Response: 3134258
Conc: 19.22 ug/ml

Instrument :
FID_C
ClientSampleId :



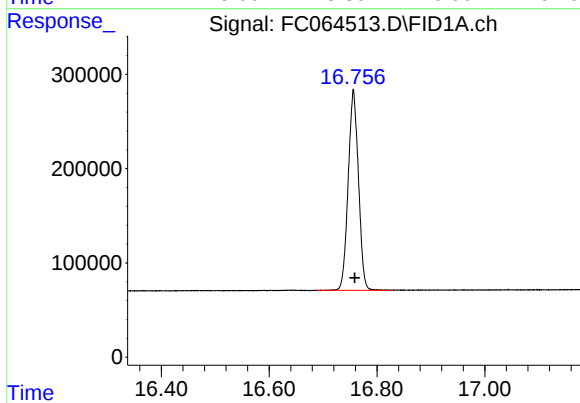
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.005 min
Response: 3022316
Conc: 18.98 ug/ml



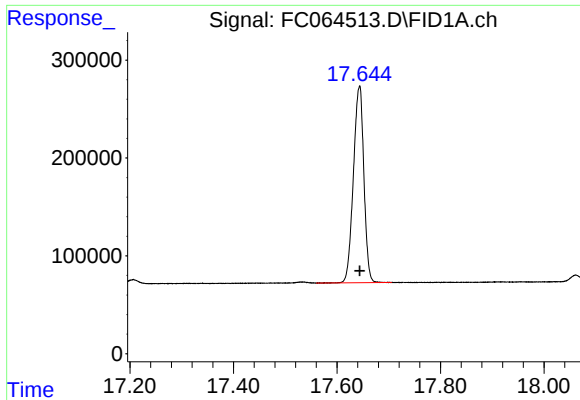
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.002 min
Response: 2909425
Conc: 18.83 ug/ml



#16 n-Octacosane (C28)

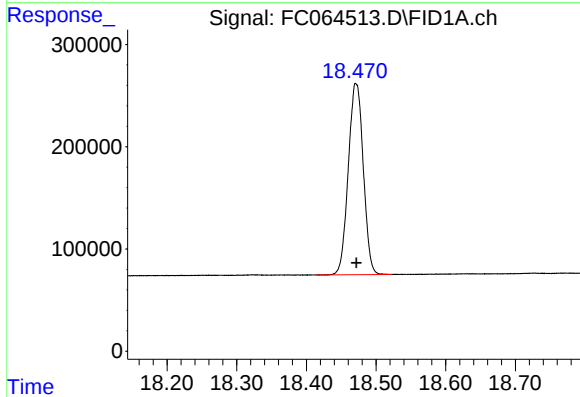
R.T.: 16.756 min
Delta R.T.: -0.003 min
Response: 2812083
Conc: 18.99 ug/ml



#17 n-Tricontane (C30)

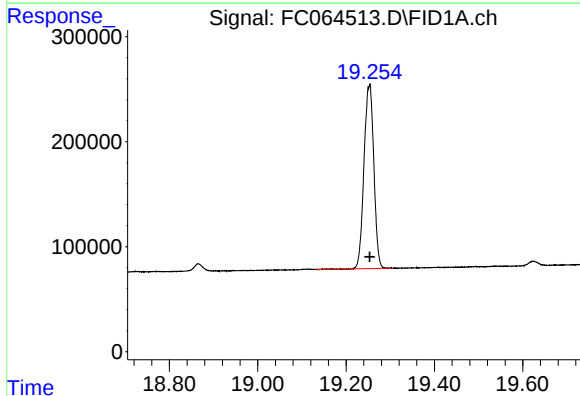
R.T.: 17.644 min
Delta R.T.: 0.000 min
Response: 2827767
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :



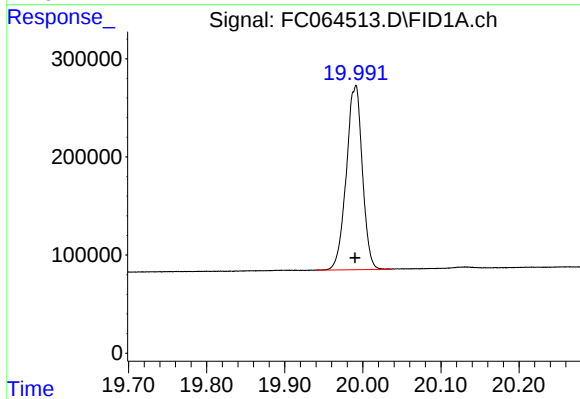
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.000 min
Response: 2795126
Conc: 19.79 ug/ml



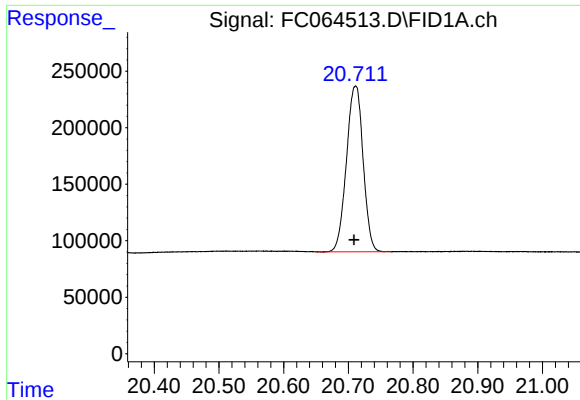
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.000 min
Response: 2711229
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

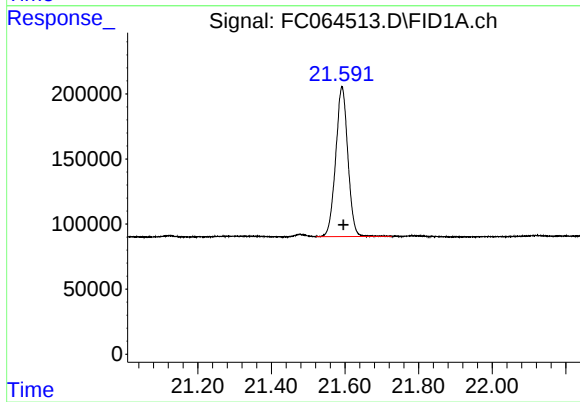
R.T.: 19.991 min
Delta R.T.: 0.000 min
Response: 2675467
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.002 min
Response: 2621932
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.004 min
Response: 2637061
Conc: 22.71 ug/ml