

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101023AL\
 Data File : FC064790.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 13:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 10 15:03:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.522	4313318	20.201 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
12) S 1-chlorooctadecane (S...	12.953	3053537	20.365 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T n-Nonane (C9)	3.323	3692182	20.102 ug/ml
2) T n-Decane (C10)	4.382	3675885	20.095 ug/ml
3) T A~Naphthalene (C11.7)	5.963	3831046	20.199 ug/ml
4) T n-Dodecane (C12)	6.391	3747504	20.105 ug/ml
5) T A~2-methylnaphthalene...	7.017	3661157	20.906 ug/ml
6) T n-Tetradecane (C14)	8.178	3622554	20.170 ug/ml
7) T n-Hexadecane (C16)	9.772	3604900	20.266 ug/ml
8) T n-Octadecane (C18)	11.207	3620311	20.175 ug/ml
10) T n-Eicosane (C20)	12.510	3478265	20.200 ug/ml
11) T n-Heneicosane (C21)	13.120	3414290	20.160 ug/ml
13) T n-Docosane (C22)	13.703	3328361	20.200 ug/ml
14) T n-Tetracosane (C24)	14.800	3223866	20.255 ug/ml
15) T n-Hexacosane (C26)	15.818	3105244	20.271 ug/ml
16) T n-Octacosane (C28)	16.764	2990948	20.296 ug/ml
17) T n-Tricontane (C30)	17.646	2972927	20.319 ug/ml
18) T n-Dotriacontane (C32)	18.476	2933749	20.318 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2851317	20.265 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2781896	20.107 ug/ml
21) T n-Octatriacontane (C38)	20.713	2595894	19.597 ug/ml
22) T n-Tetracontane (C40)	21.594	2273568	18.167 ug/ml

(f)=RT Delta > 1/2 Window

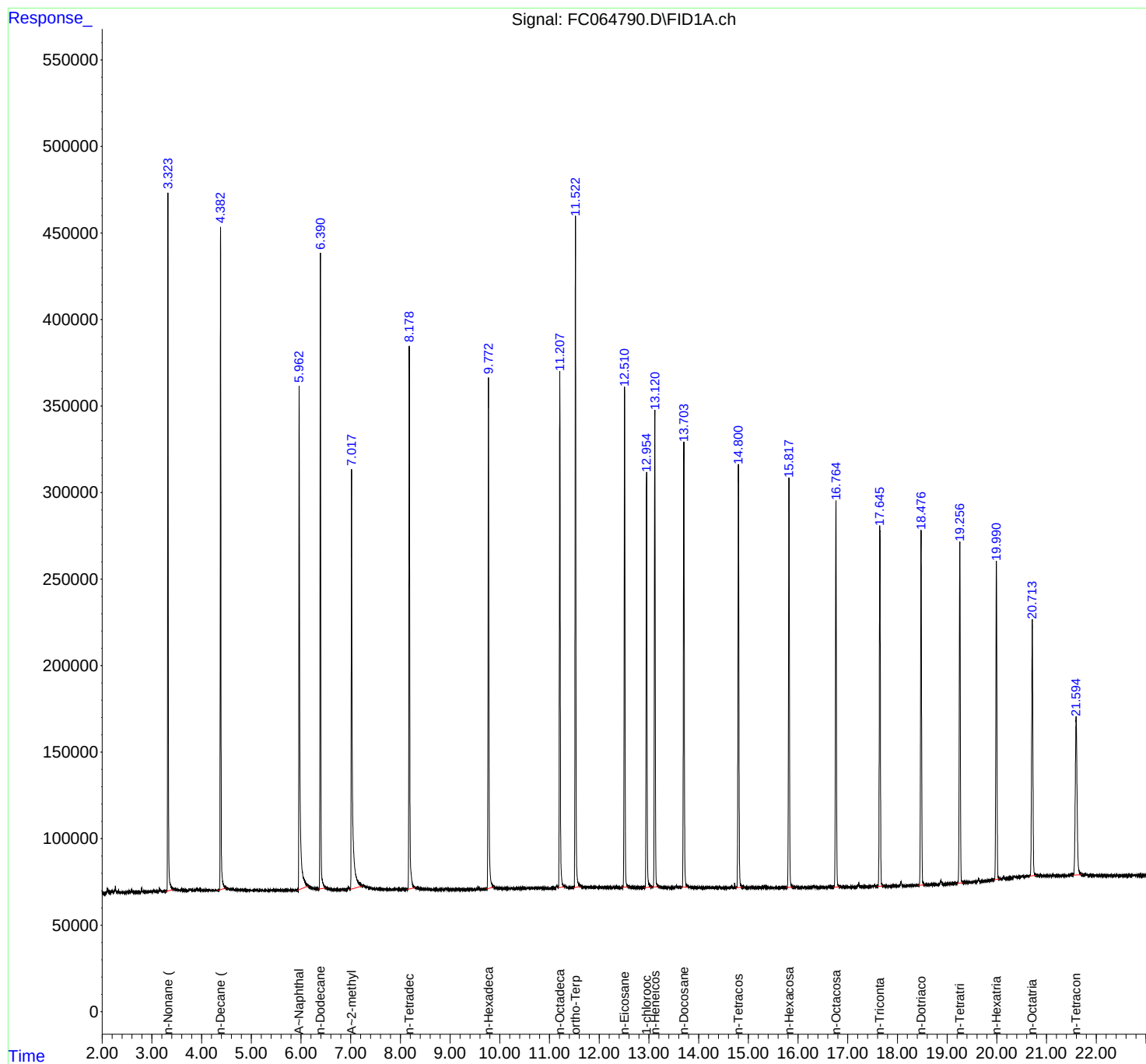
(m)=manual int.

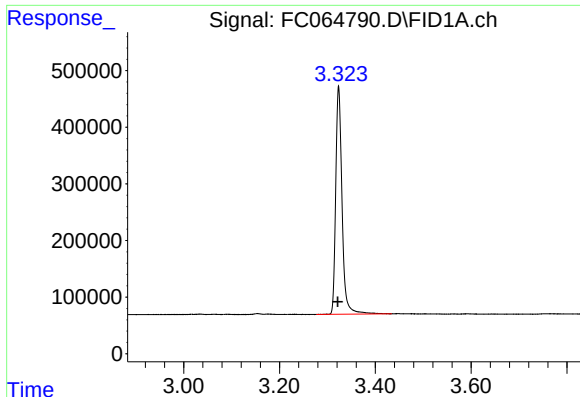
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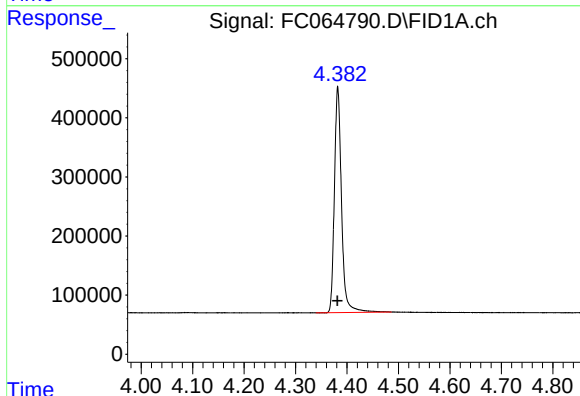




#1 n-Nonane (C9)

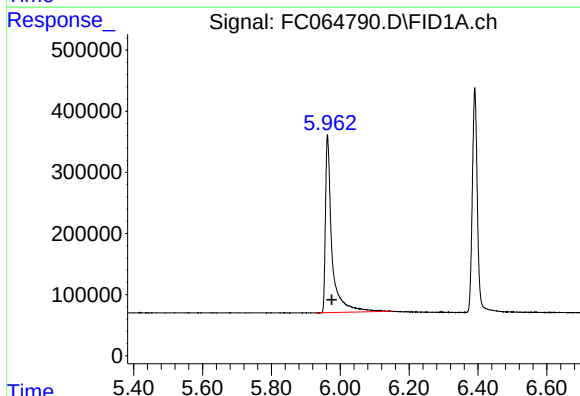
R.T.: 3.323 min
Delta R.T.: 0.001 min
Response: 3692182
Conc: 20.10 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



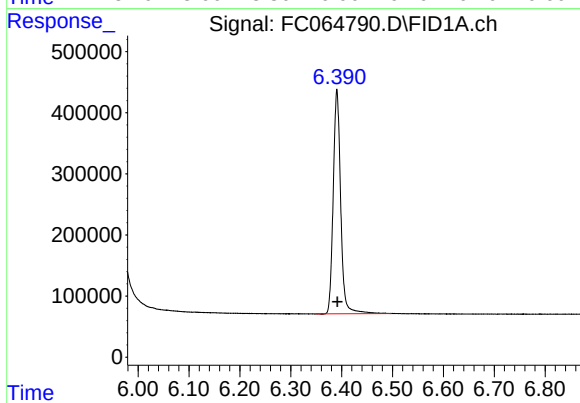
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 3675885
Conc: 20.09 ug/ml



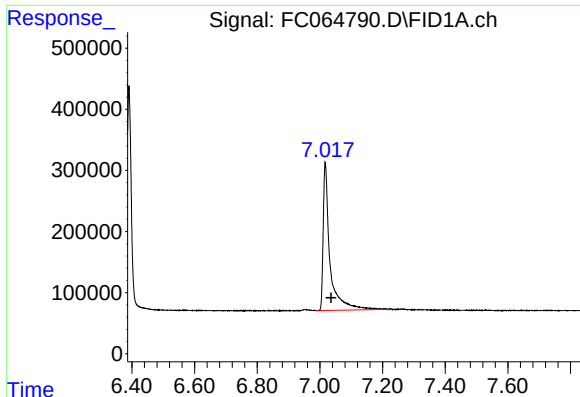
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 3831046
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

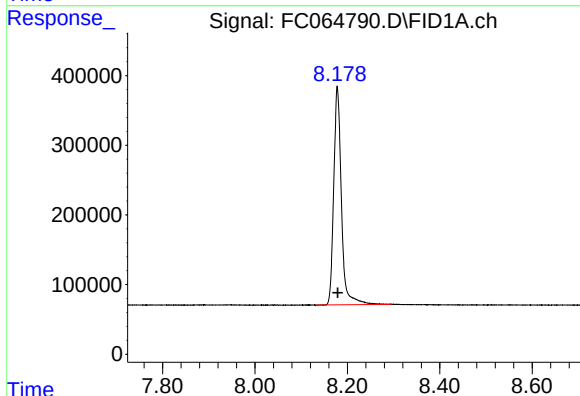
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3747504
Conc: 20.11 ug/ml



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

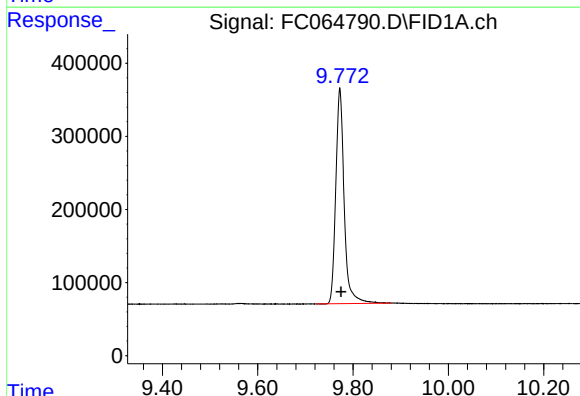
R.T.: 7.017 min
Delta R.T.: -0.019 min
Response: 3661157
Conc: 20.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



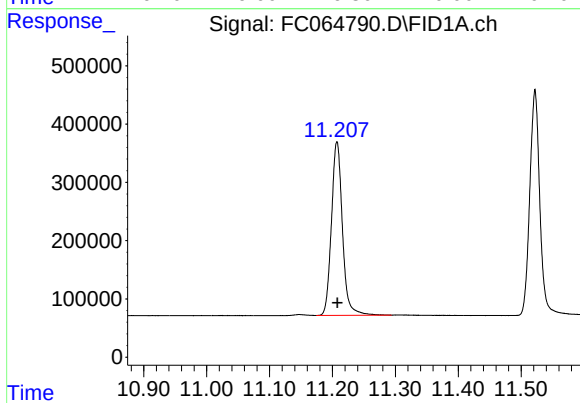
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.001 min
Response: 3622554
Conc: 20.17 ug/ml



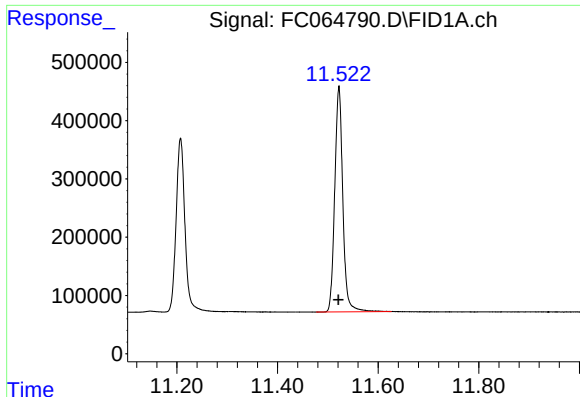
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.002 min
Response: 3604900
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

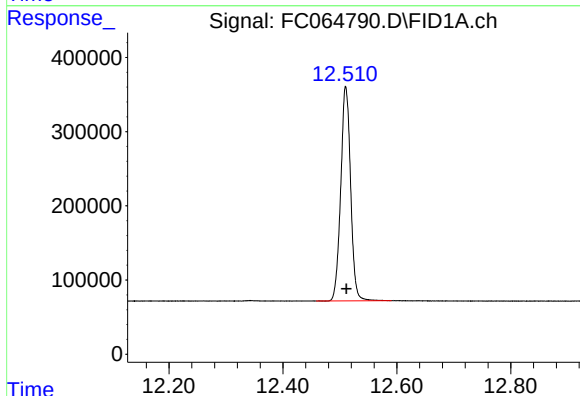
R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 3620311
Conc: 20.18 ug/ml



#9 ortho-Terphenyl (SURR)

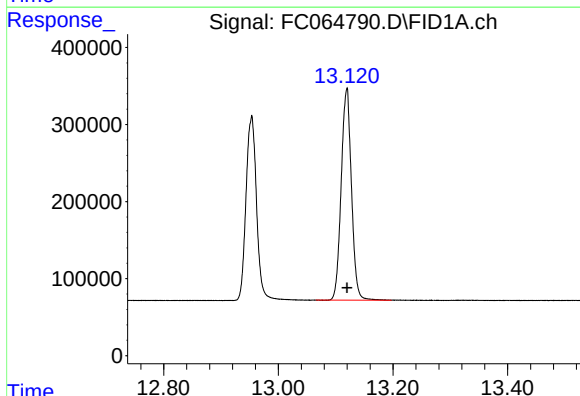
R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 4313318
Conc: 20.20 ug/ml

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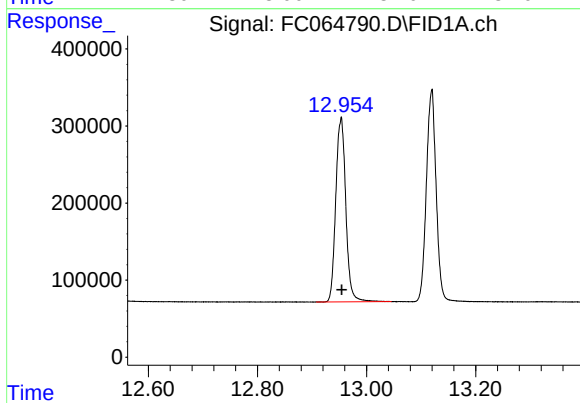
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.001 min
Response: 3478265
Conc: 20.20 ug/ml



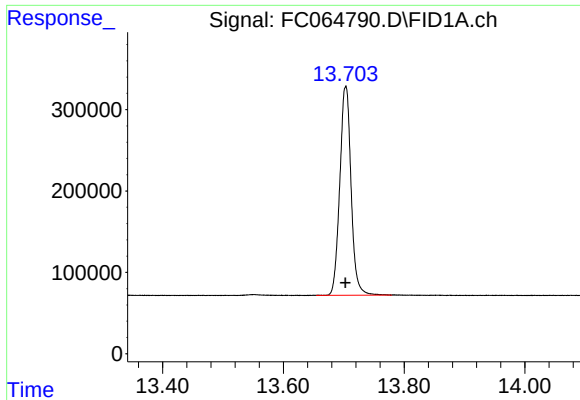
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 3414290
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

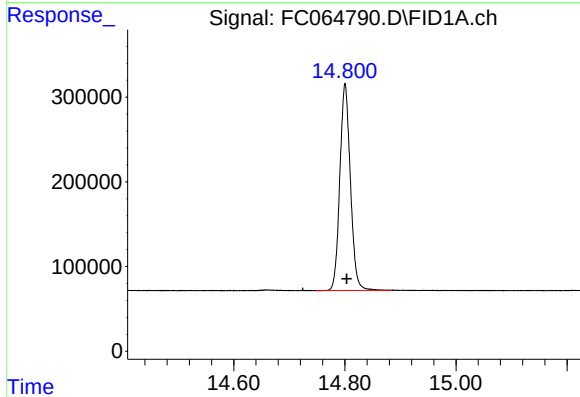
R.T.: 12.953 min
Delta R.T.: -0.001 min
Response: 3053537
Conc: 20.36 ug/ml



#13 n-Docosane (C22)

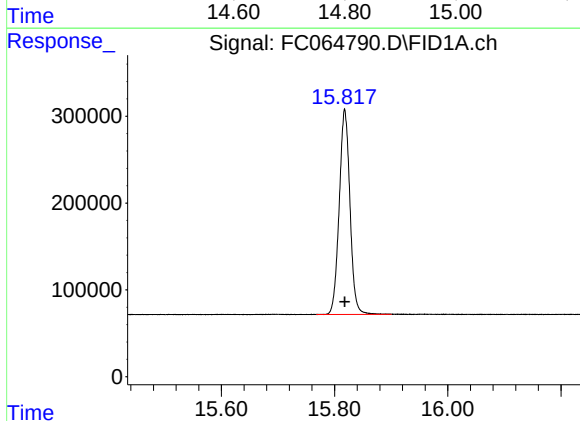
R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 3328361
Conc: 20.20 ug/ml

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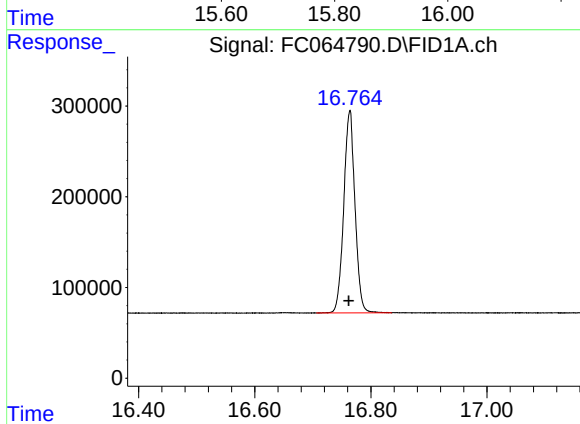
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 3223866
Conc: 20.26 ug/ml



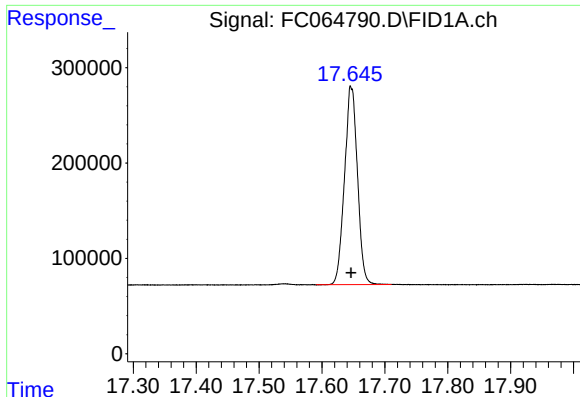
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 3105244
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

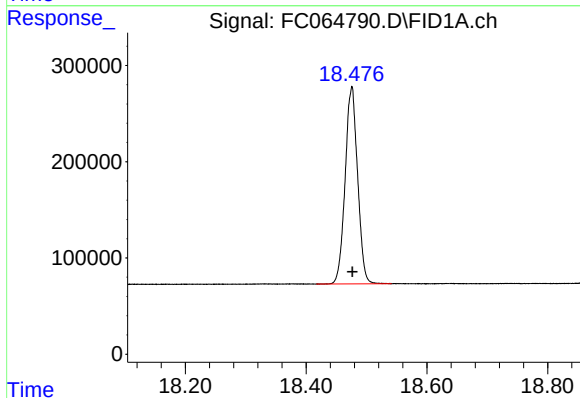
R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 2990948
Conc: 20.30 ug/ml



#17 n-Tricontane (C30)

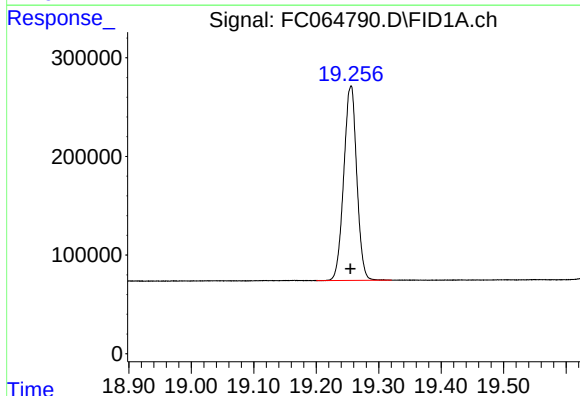
R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 2972927
Conc: 20.32 ug/ml

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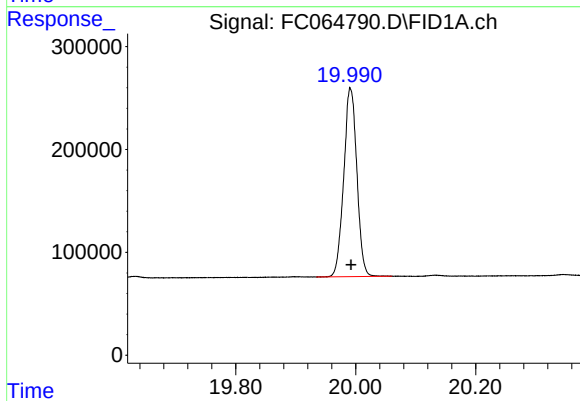
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 2933749
Conc: 20.32 ug/ml



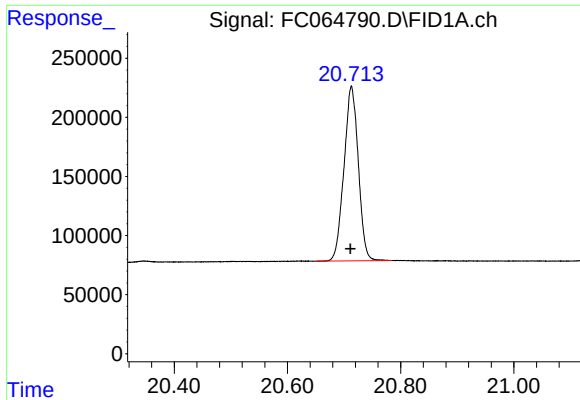
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.001 min
Response: 2851317
Conc: 20.26 ug/ml



#20 n-Hexatriacontane (C36)

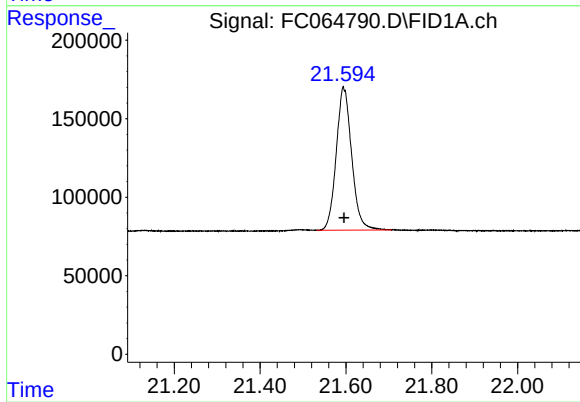
R.T.: 19.991 min
Delta R.T.: 0.000 min
Response: 2781896
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.002 min
Response: 2595894
Conc: 19.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.002 min
Response: 2273568
Conc: 18.17 ug/ml