

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100323AL\
 Data File : FC064717.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2023 11:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 03 15:50:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.520	4271924	21.112 ug/ml
Spiked Amount 50.000		Recovery =	42.22%
12) S 1-chlorooctadecane (S...	12.951	3089408	21.210 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
Target Compounds			
1) T n-Nonane (C9)	3.324	3748723	21.213 ug/ml
2) T n-Decane (C10)	4.381	3765246	20.959 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3952597	21.039 ug/ml
4) T n-Dodecane (C12)	6.391	3807350	20.961 ug/ml
5) T A~2-methylnaphthalene...	7.015	3747852	21.016 ug/ml
6) T n-Tetradecane (C14)	8.178	3690672	20.800 ug/ml
7) T n-Hexadecane (C16)	9.771	3680876	20.477 ug/ml
8) T n-Octadecane (C18)	11.206	3685106	20.354 ug/ml
10) T n-Eicosane (C20)	12.509	3494319	20.514 ug/ml
11) T n-Heneicosane (C21)	13.118	3416303	20.627 ug/ml
13) T n-Docosane (C22)	13.701	3353031	20.582 ug/ml
14) T n-Tetracosane (C24)	14.801	3228264	20.334 ug/ml
15) T n-Hexacosane (C26)	15.815	3089280	20.238 ug/ml
16) T n-Octacosane (C28)	16.761	2983556	20.159 ug/ml
17) T n-Tricontane (C30)	17.644	2987111	20.108 ug/ml
18) T n-Dotriacontane (C32)	18.472	2937507	20.128 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2817147	19.816 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2764660	20.072 ug/ml
21) T n-Octatriacontane (C38)	20.709	2666451	19.456 ug/ml
22) T n-Tetracontane (C40)	21.589	2608046	19.173 ug/ml

(f)=RT Delta > 1/2 Window

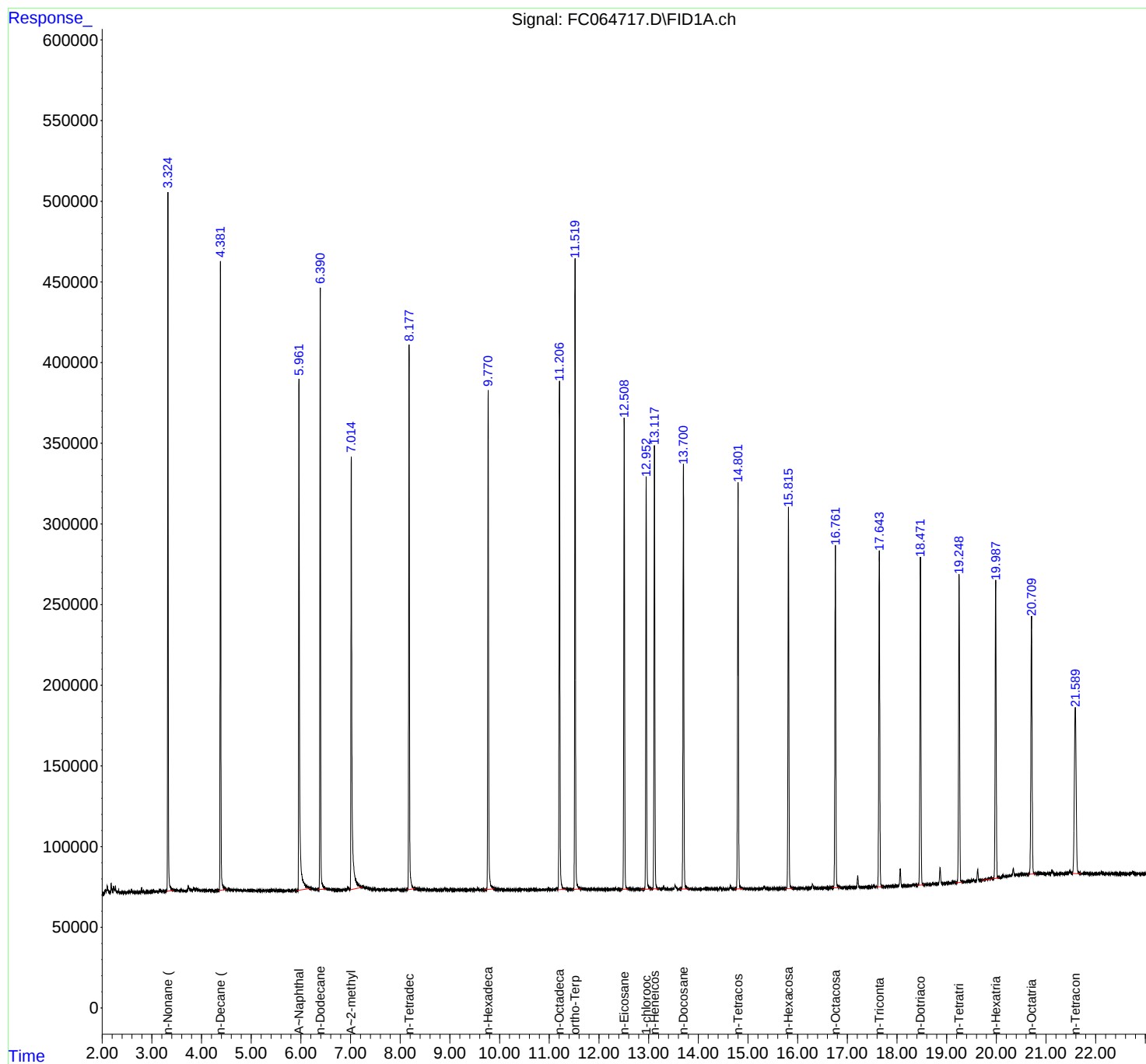
(m)=manual int.

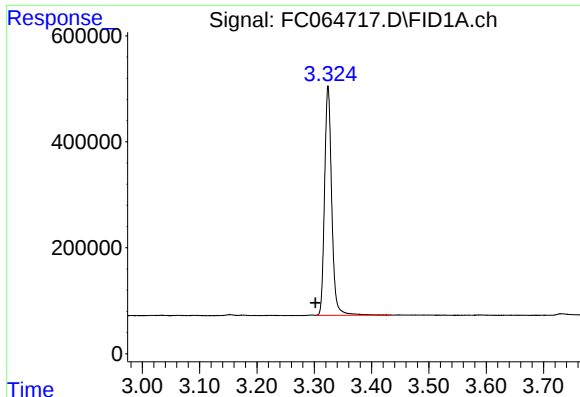
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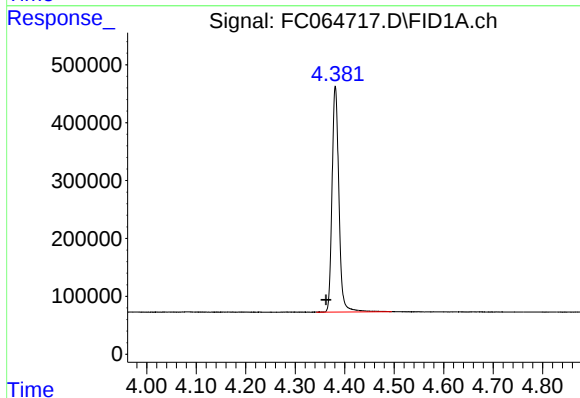




#1 n-Nonane (C9)

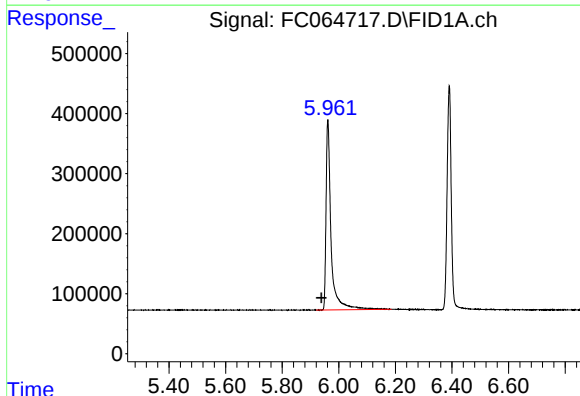
R.T.: 3.324 min
Delta R.T.: 0.022 min
Response: 3748723
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



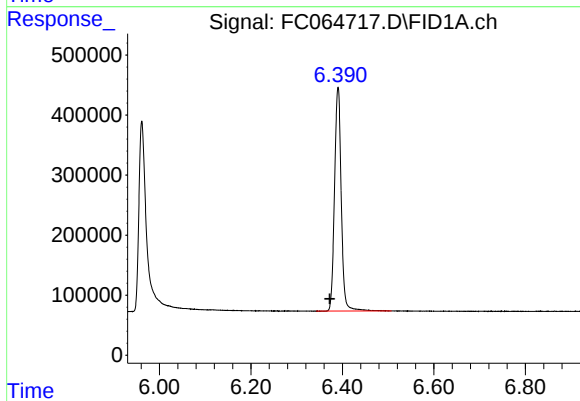
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.019 min
Response: 3765246
Conc: 20.96 ug/ml



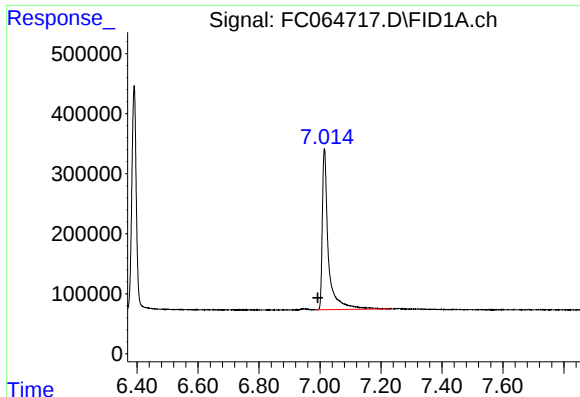
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.023 min
Response: 3952597
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

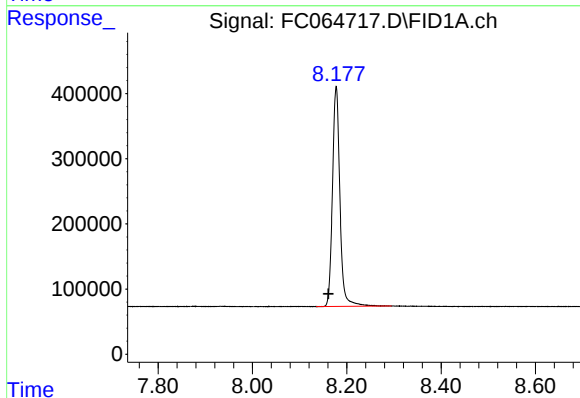
R.T.: 6.391 min
Delta R.T.: 0.018 min
Response: 3807350
Conc: 20.96 ug/ml



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

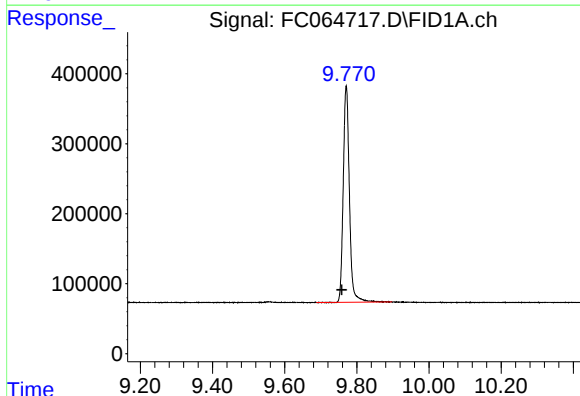
R.T.: 7.015 min
Delta R.T.: 0.022 min
Response: 3747852
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



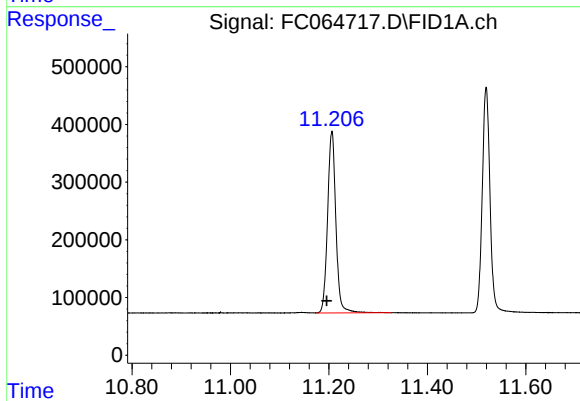
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 3690672
Conc: 20.80 ug/ml



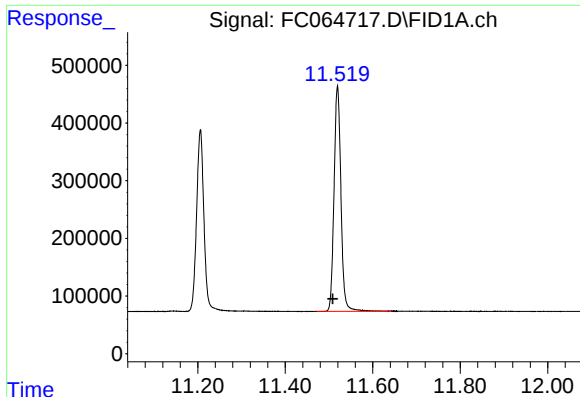
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.012 min
Response: 3680876
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

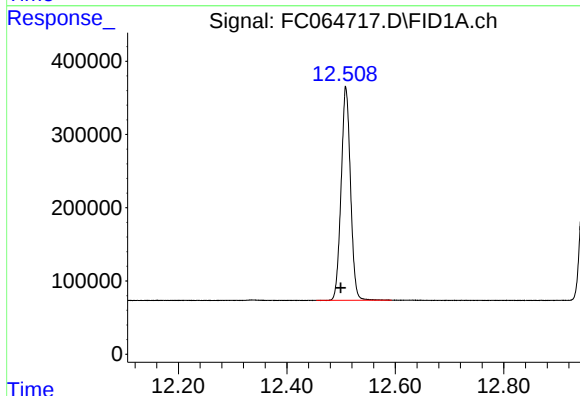
R.T.: 11.206 min
Delta R.T.: 0.011 min
Response: 3685106
Conc: 20.35 ug/ml



#9 ortho-Terphenyl (SURR)

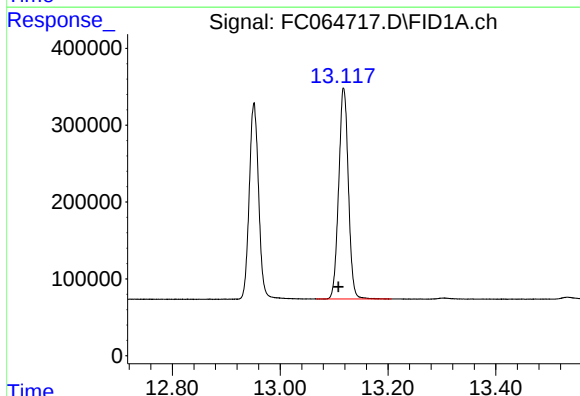
R.T.: 11.520 min
Delta R.T.: 0.011 min
Response: 4271924
Conc: 21.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



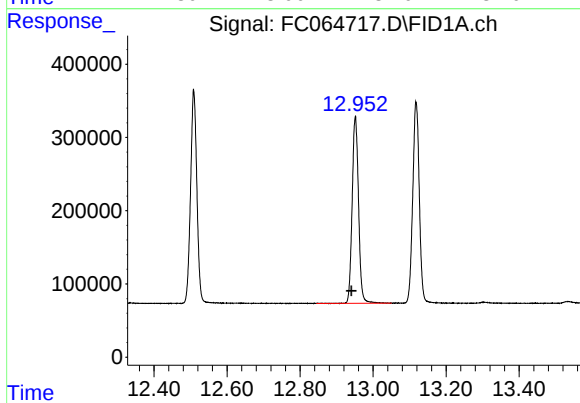
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.010 min
Response: 3494319
Conc: 20.51 ug/ml



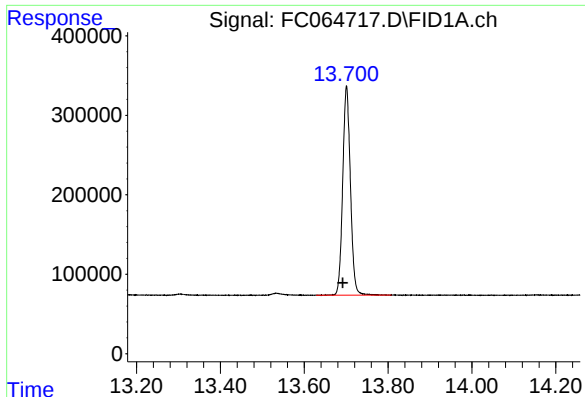
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.010 min
Response: 3416303
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

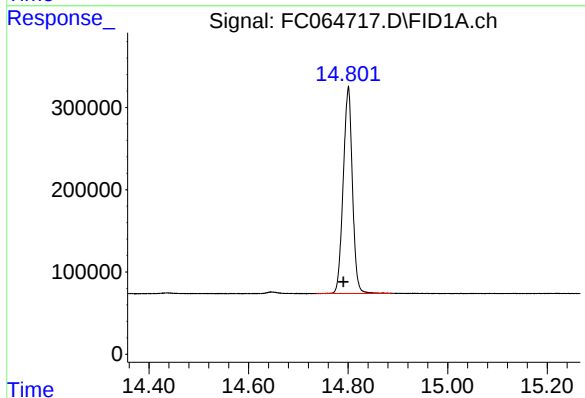
R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 3089408
Conc: 21.21 ug/ml



#13 n-Docosane (C22)

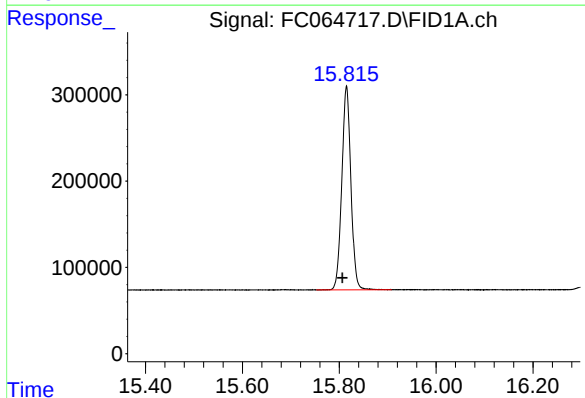
R.T.: 13.701 min
Delta R.T.: 0.009 min
Response: 3353031
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



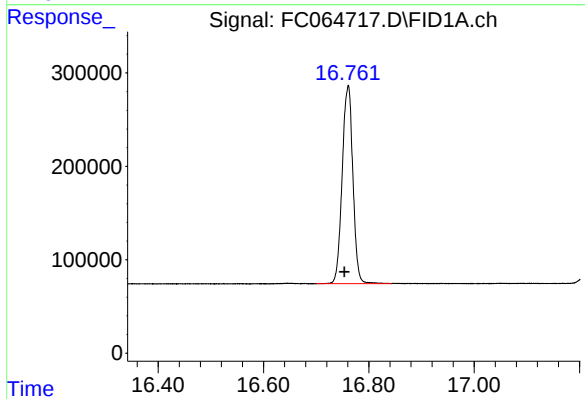
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.010 min
Response: 3228264
Conc: 20.33 ug/ml



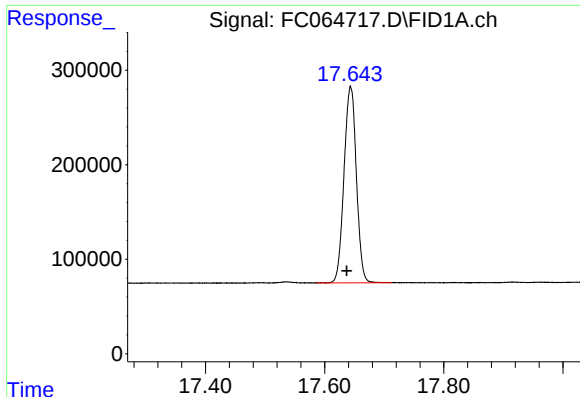
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 3089280
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

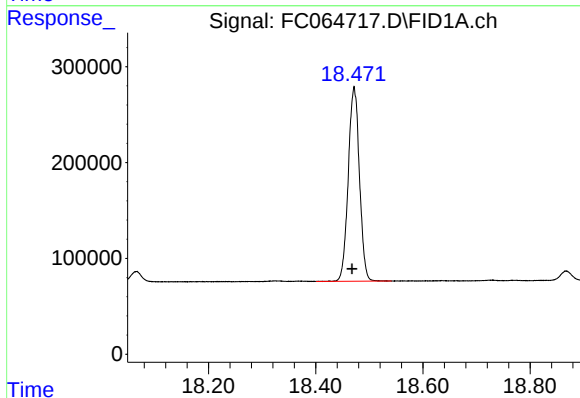
R.T.: 16.761 min
Delta R.T.: 0.007 min
Response: 2983556
Conc: 20.16 ug/ml



#17 n-Tricontane (C30)

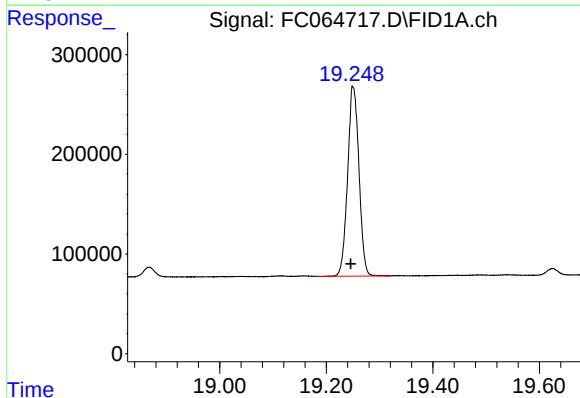
R.T.: 17.644 min
Delta R.T.: 0.006 min
Response: 2987111
Conc: 20.11 ug/ml

Instrument :
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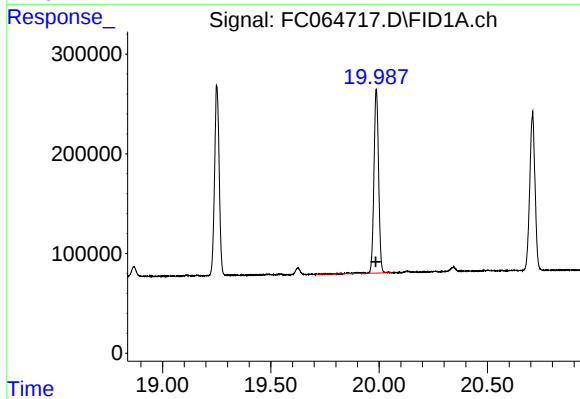
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.004 min
Response: 2937507
Conc: 20.13 ug/ml



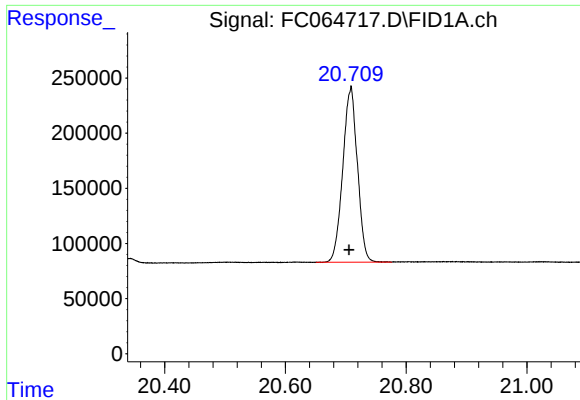
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: 0.004 min
Response: 2817147
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

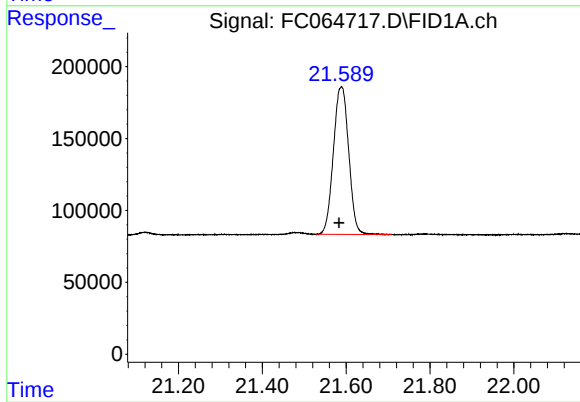
R.T.: 19.987 min
Delta R.T.: 0.003 min
Response: 2764660
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.004 min
Response: 2666451
Conc: 19.46 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: 0.006 min
Response: 2608046
Conc: 19.17 ug/ml