

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
 Data File : FC064665.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2023 14:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 26 14:47:30 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	4432538	21.906 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
12) S 1-chlorooctadecane (S...	12.951	3238761	22.236 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
Target Compounds			
1) T n-Nonane (C9)	3.321	3789869	21.446 ug/ml
2) T n-Decane (C10)	4.381	3810288	21.210 ug/ml
3) T A~Naphthalene (C11.7)	5.961	4049011	21.553 ug/ml
4) T n-Dodecane (C12)	6.390	3860605	21.254 ug/ml
5) T A~2-methylnaphthalene...	7.014	3876485	21.737 ug/ml
6) T n-Tetradecane (C14)	8.176	3752240	21.147 ug/ml
7) T n-Hexadecane (C16)	9.770	3776056	21.007 ug/ml
8) T n-Octadecane (C18)	11.206	3763907	20.789 ug/ml
10) T n-Eicosane (C20)	12.509	3629363	21.307 ug/ml
11) T n-Heneicosane (C21)	13.117	3556766	21.475 ug/ml
13) T n-Docosane (C22)	13.702	3495336	21.456 ug/ml
14) T n-Tetracosane (C24)	14.798	3382831	21.308 ug/ml
15) T n-Hexacosane (C26)	15.814	3240837	21.231 ug/ml
16) T n-Octacosane (C28)	16.759	3111859	21.026 ug/ml
17) T n-Tricontane (C30)	17.643	3097206	20.849 ug/ml
18) T n-Dotriacontane (C32)	18.471	3032214	20.777 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2917467	20.521 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2856679	20.741 ug/ml
21) T n-Octatriacontane (C38)	20.707	2791747	20.370 ug/ml
22) T n-Tetracontane (C40)	21.589	2746926	20.194 ug/ml

(f)=RT Delta > 1/2 Window

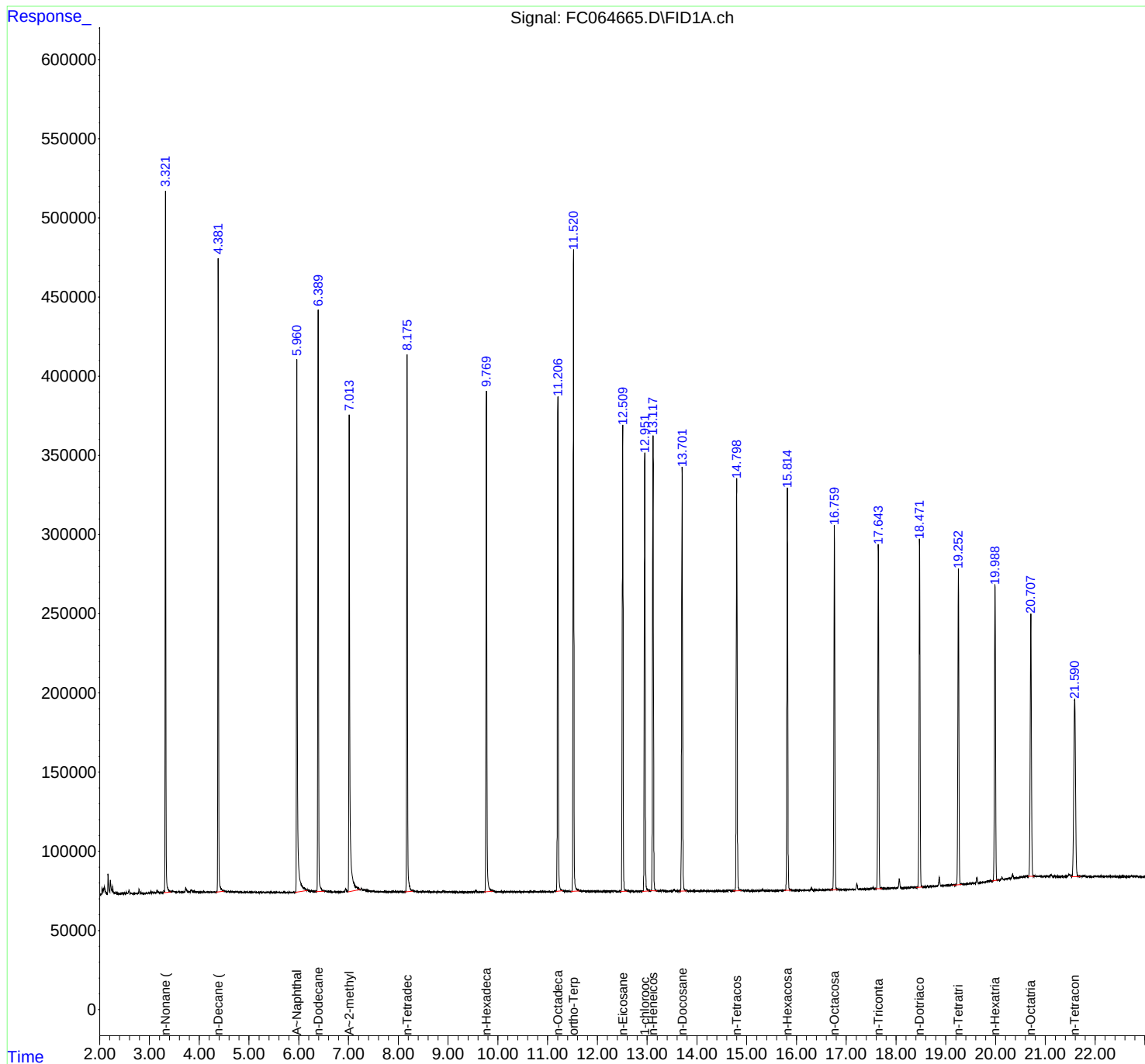
(m)=manual int.

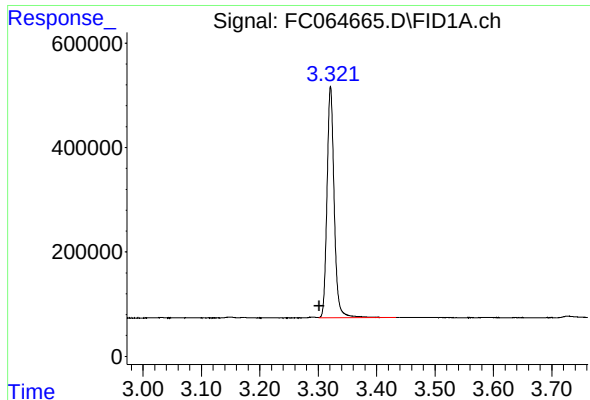
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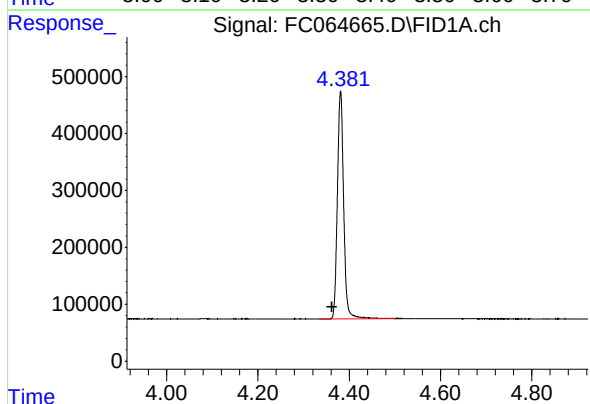




#1 n-Nonane (C9)

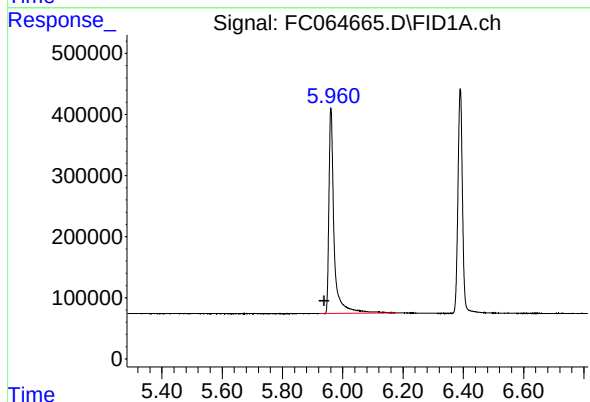
R.T.: 3.321 min
Delta R.T.: 0.019 min
Response: 3789869
Conc: 21.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



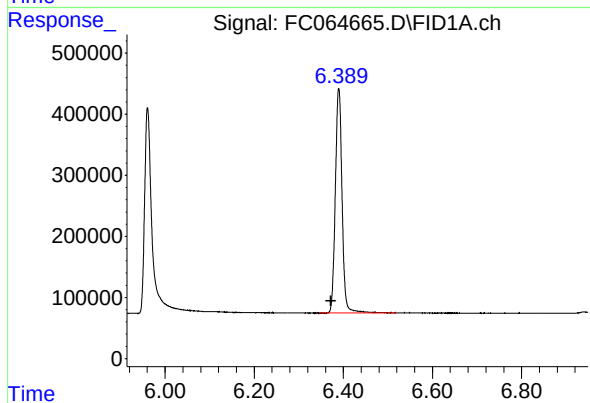
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.019 min
Response: 3810288
Conc: 21.21 ug/ml



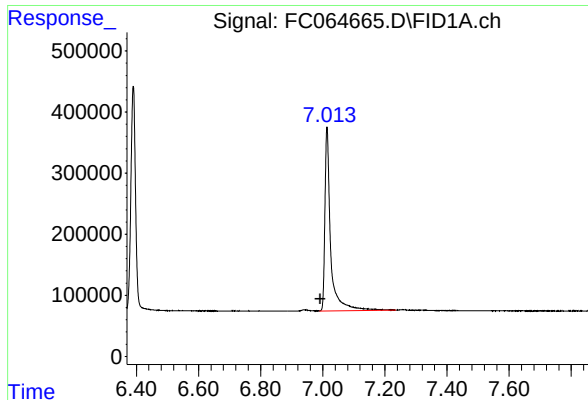
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.022 min
Response: 4049011
Conc: 21.55 ug/ml



#4 n-Dodecane (C12)

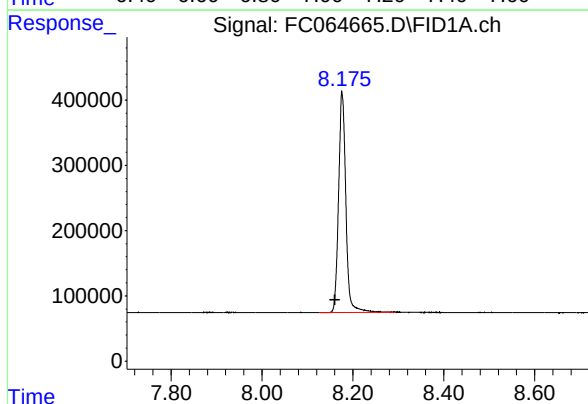
R.T.: 6.390 min
Delta R.T.: 0.017 min
Response: 3860605
Conc: 21.25 ug/ml



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

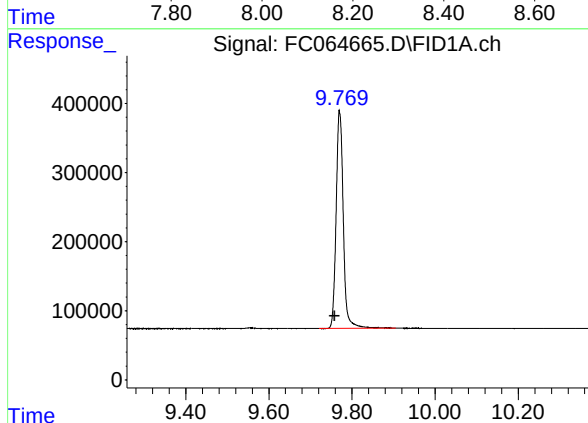
R.T.: 7.014 min
Delta R.T.: 0.021 min
Response: 3876485
Conc: 21.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



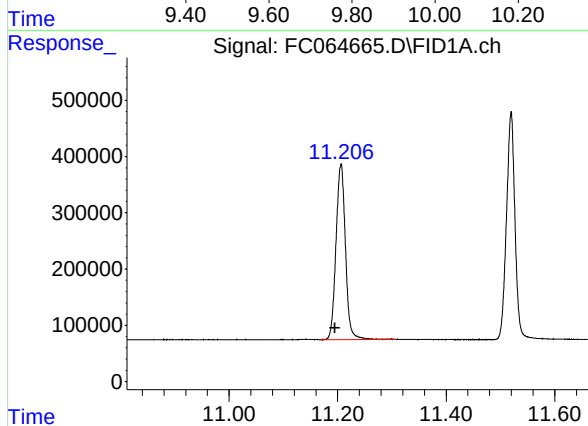
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.015 min
Response: 3752240
Conc: 21.15 ug/ml



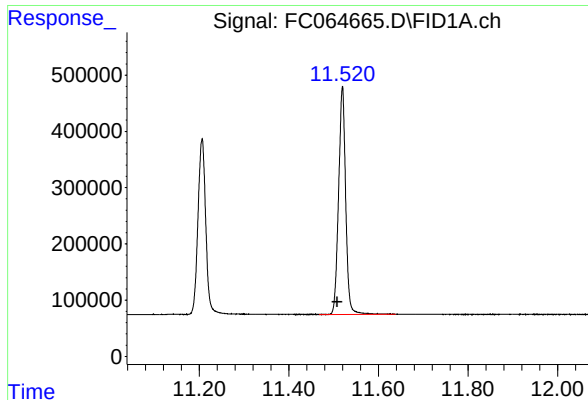
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: 0.012 min
Response: 3776056
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

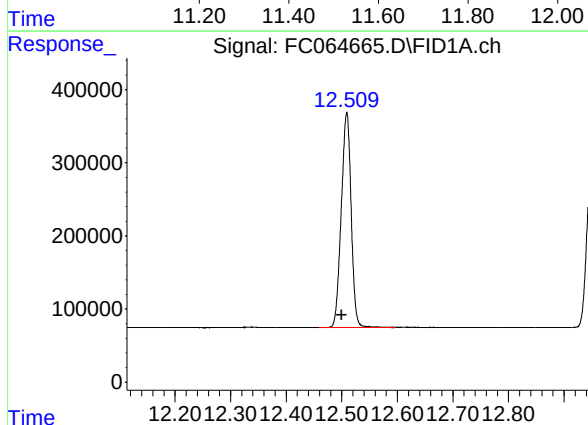
R.T.: 11.206 min
Delta R.T.: 0.011 min
Response: 3763907
Conc: 20.79 ug/ml



#9 ortho-Terphenyl (SURR)

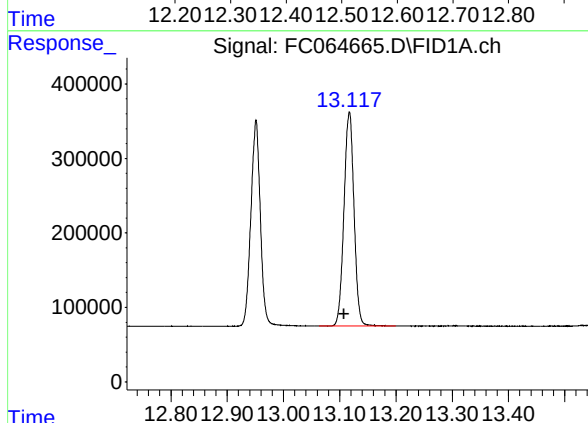
R.T.: 11.520 min
Delta R.T.: 0.011 min
Response: 4432538
Conc: 21.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



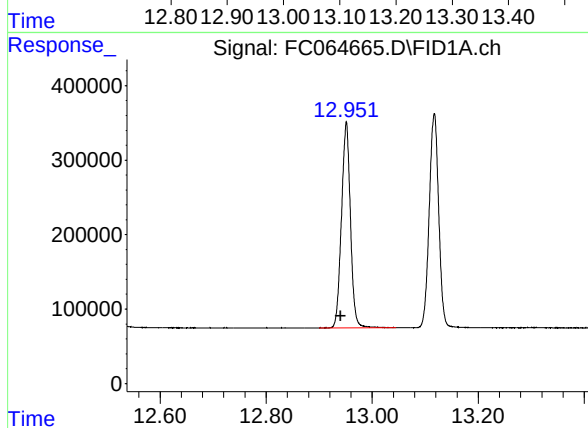
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.010 min
Response: 3629363
Conc: 21.31 ug/ml



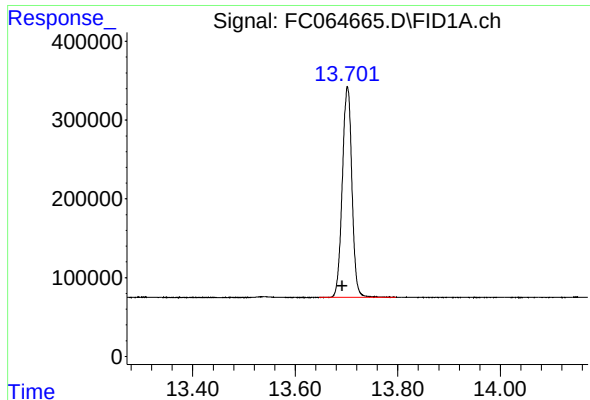
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.009 min
Response: 3556766
Conc: 21.47 ug/ml



#12 1-chlorooctadecane (SURR)

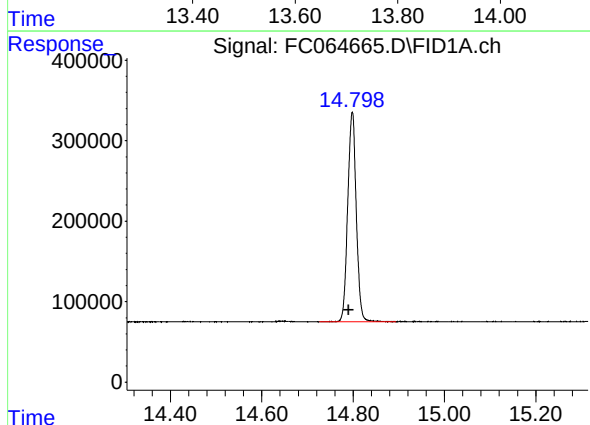
R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 3238761
Conc: 22.24 ug/ml



#13 n-Docosane (C22)

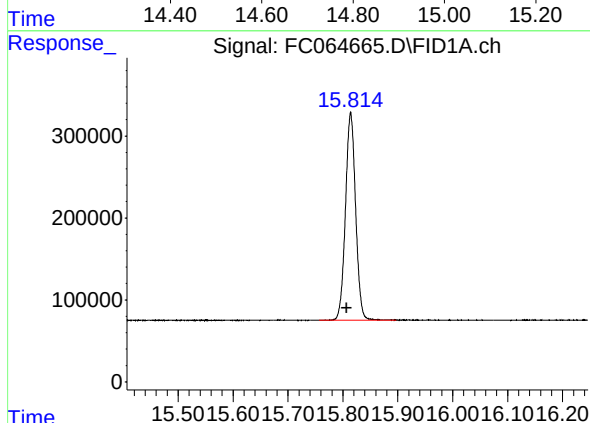
R.T.: 13.702 min
Delta R.T.: 0.010 min
Response: 3495336
Conc: 21.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



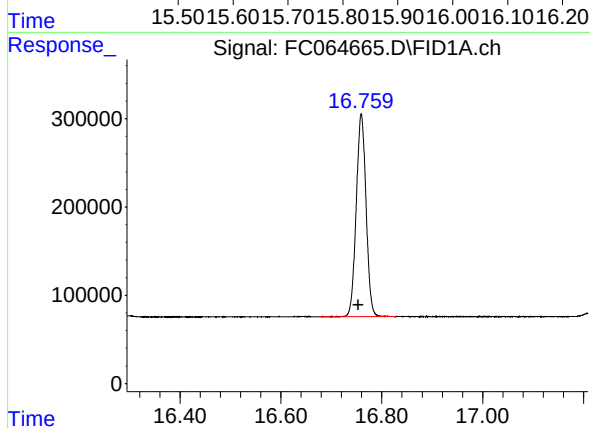
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.008 min
Response: 3382831
Conc: 21.31 ug/ml



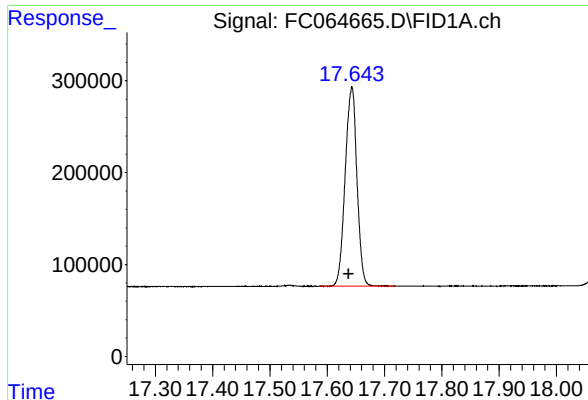
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.007 min
Response: 3240837
Conc: 21.23 ug/ml



#16 n-Octacosane (C28)

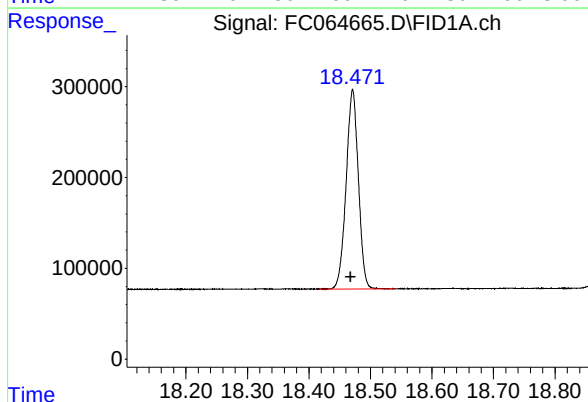
R.T.: 16.759 min
Delta R.T.: 0.006 min
Response: 3111859
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

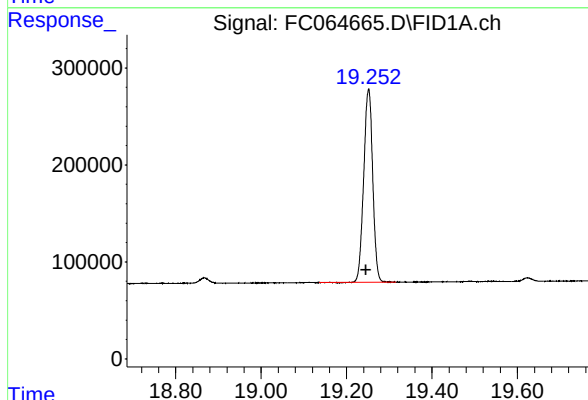
R.T.: 17.643 min
Delta R.T.: 0.006 min
Response: 3097206
Conc: 20.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



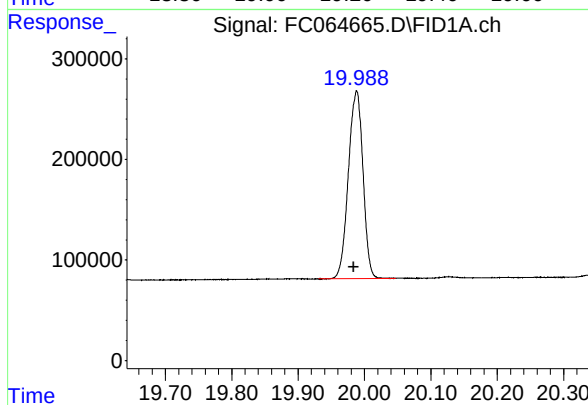
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.003 min
Response: 3032214
Conc: 20.78 ug/ml



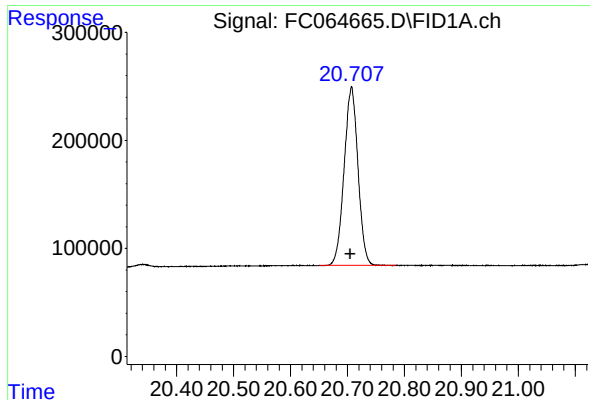
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.006 min
Response: 2917467
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

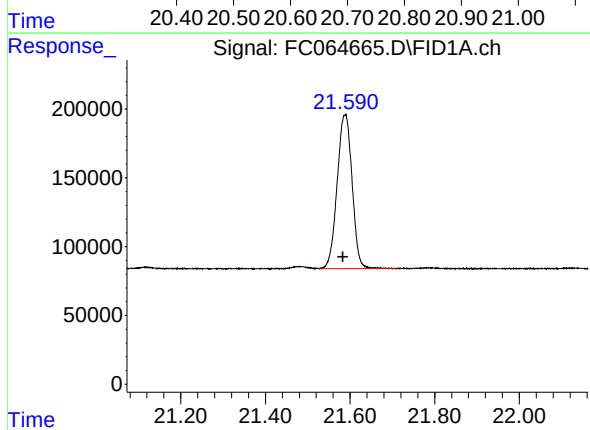
R.T.: 19.988 min
Delta R.T.: 0.005 min
Response: 2856679
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: 0.002 min
Response: 2791747
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: 0.006 min
Response: 2746926
Conc: 20.19 ug/ml