

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100923AL\
 Data File : FC064774.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 15:08
 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 09 23:45:22 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)	11.522	4113658	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	12.954	2919307	20.042 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.323	3509469	19.859 ug/ml
2) T n-Decane (C10)	4.382	3519959	19.594 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3651012	19.434 ug/ml
4) T n-Dodecane (C12)	6.390	3561051	19.605 ug/ml
5) T A~2-methylnaphthalene...	7.016	3412413	19.135 ug/ml
6) T n-Tetradecane (C14)	8.178	3452988	19.460 ug/ml
7) T n-Hexadecane (C16)	9.773	3437767	19.125 ug/ml
8) T n-Octadecane (C18)	11.207	3471621	19.174 ug/ml
10) T n-Eicosane (C20)	12.511	3350481	19.669 ug/ml
11) T n-Heneicosane (C21)	13.121	3272695	19.760 ug/ml
13) T n-Docosane (C22)	13.704	3268684	20.064 ug/ml
14) T n-Tetracosane (C24)	14.801	3252590	20.488 ug/ml
15) T n-Hexacosane (C26)	15.818	3174878	20.799 ug/ml
16) T n-Octacosane (C28)	16.765	3171202	21.427 ug/ml
17) T n-Tricontane (C30)	17.649	3271671	22.023 ug/ml
18) T n-Dotriacontane (C32)	18.477	3261069	22.345 ug/ml
19) T n-Tetratriacontane (C34)	19.257	3044154	21.413 ug/ml
20) T n-Hexatriacontane (C36)	19.992	2856957	20.743 ug/ml
21) T n-Octatriacontane (C38)	20.713	2710873	19.780 ug/ml
22) T n-Tetracontane (C40)	21.596	2530329	18.602 ug/ml

(f)=RT Delta > 1/2 Window

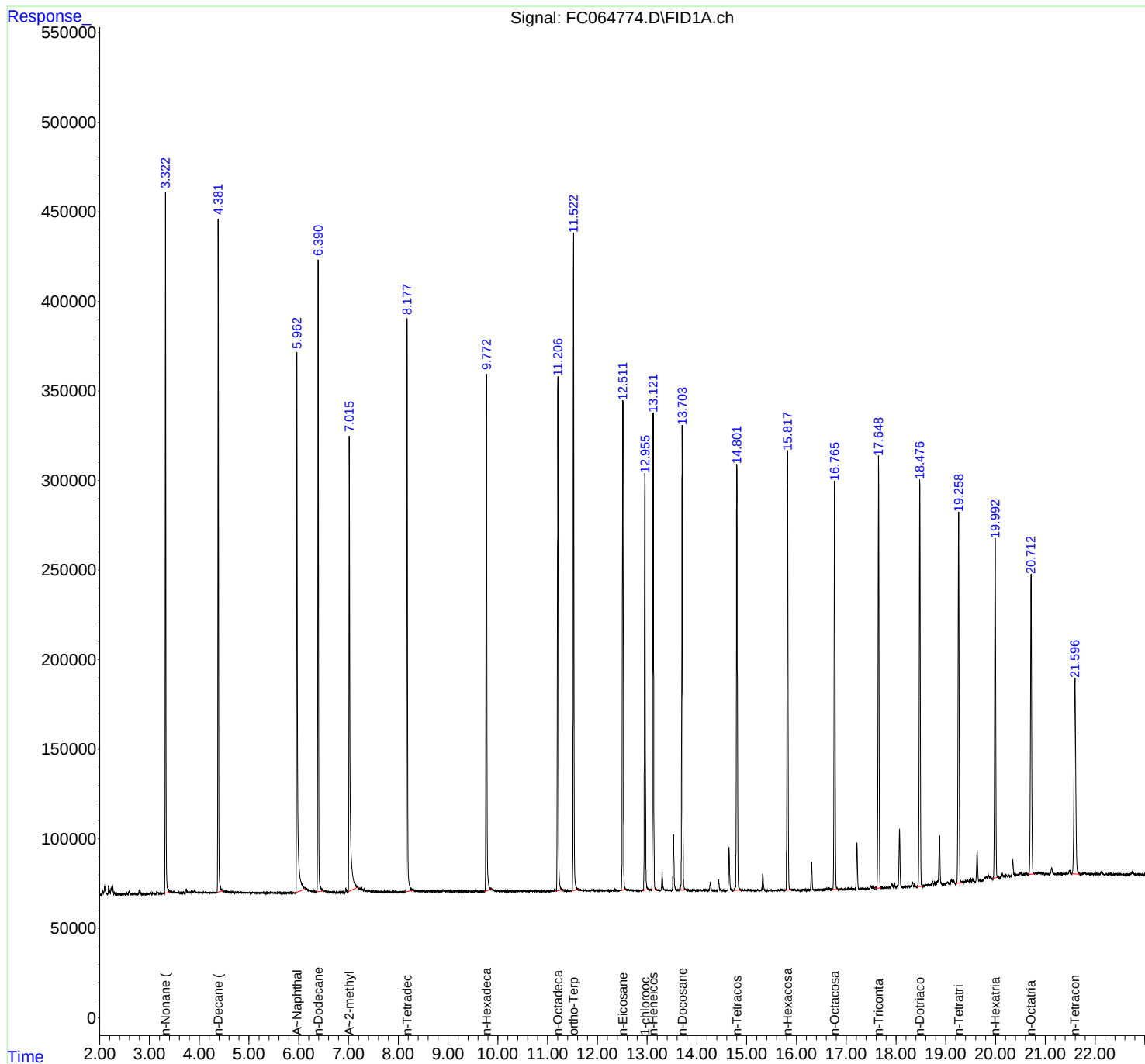
(m)=manual int.

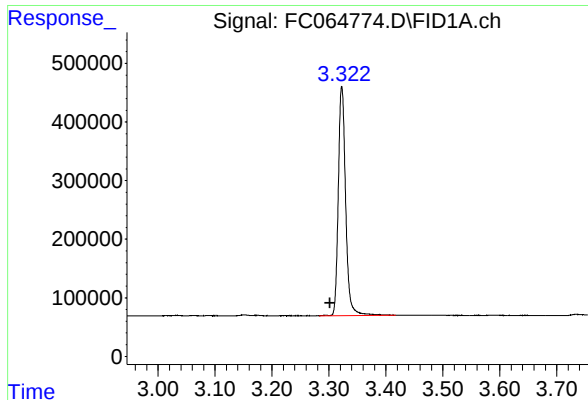
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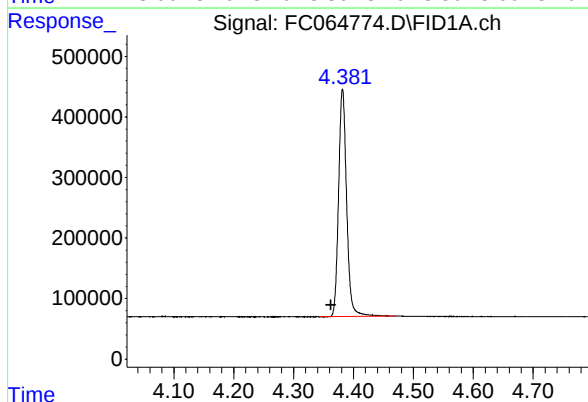




#1 n-Nonane (C9)

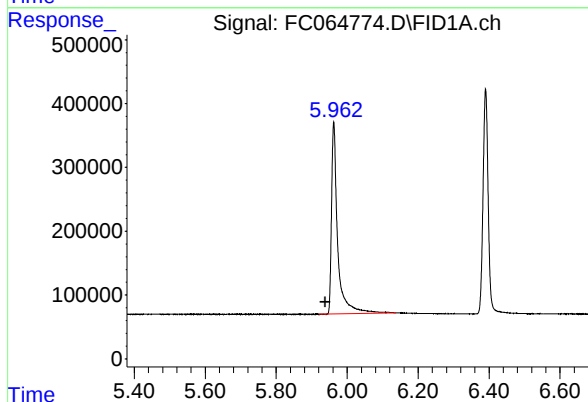
R.T.: 3.323 min
Delta R.T.: 0.021 min
Response: 3509469
Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



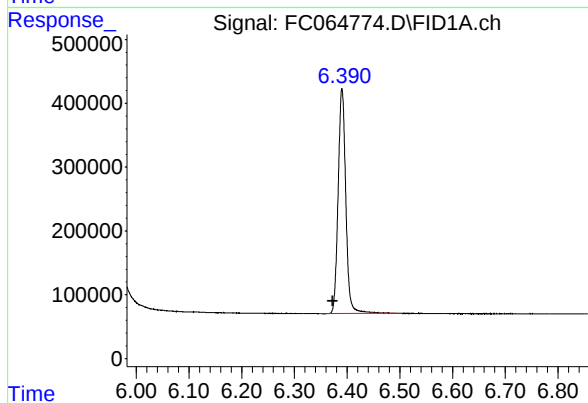
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.020 min
Response: 3519959
Conc: 19.59 ug/ml



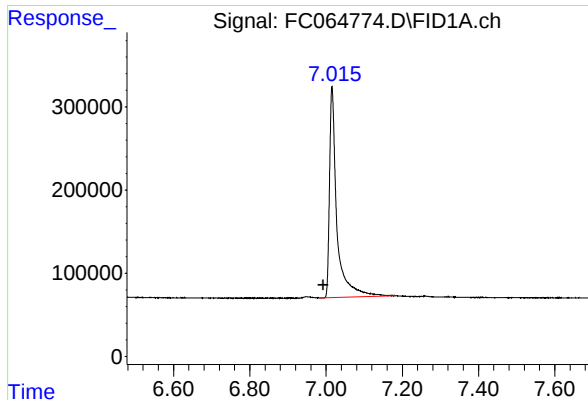
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.023 min
Response: 3651012
Conc: 19.43 ug/ml



#4 n-Dodecane (C12)

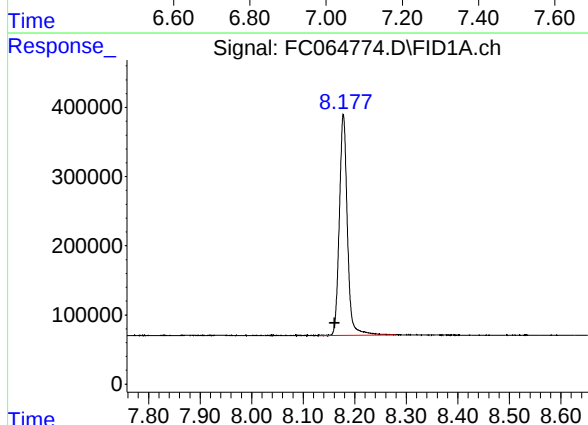
R.T.: 6.390 min
Delta R.T.: 0.018 min
Response: 3561051
Conc: 19.61 ug/ml



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

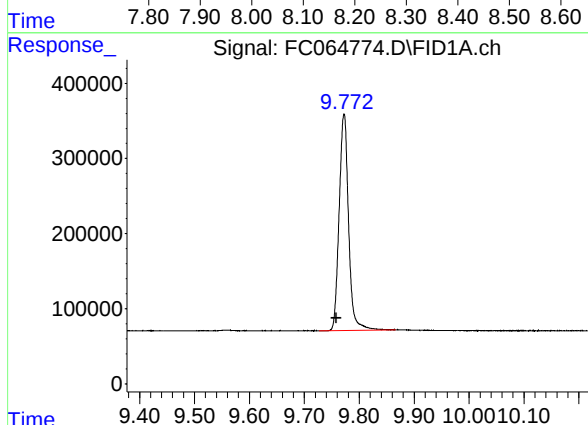
R.T.: 7.016 min
Delta R.T.: 0.023 min
Response: 3412413
Conc: 19.13 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



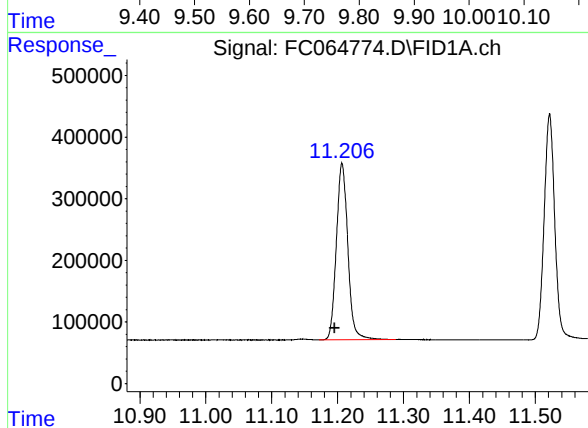
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 3452988
Conc: 19.46 ug/ml



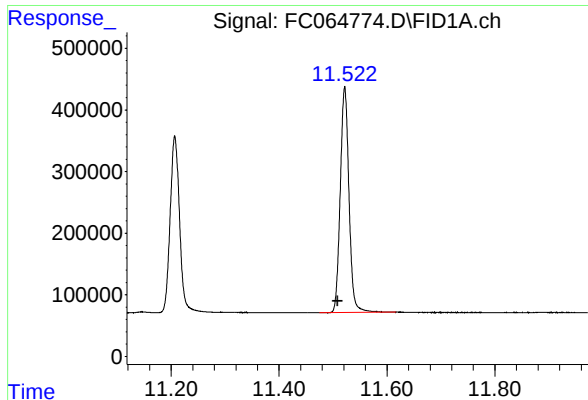
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.014 min
Response: 3437767
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

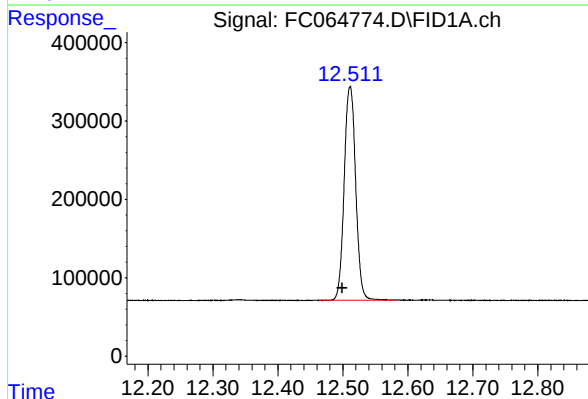
R.T.: 11.207 min
Delta R.T.: 0.011 min
Response: 3471621
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

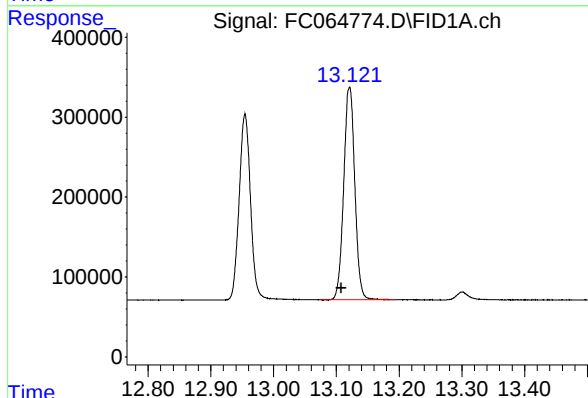
R.T.: 11.522 min
Delta R.T.: 0.013 min
Response: 4113658
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



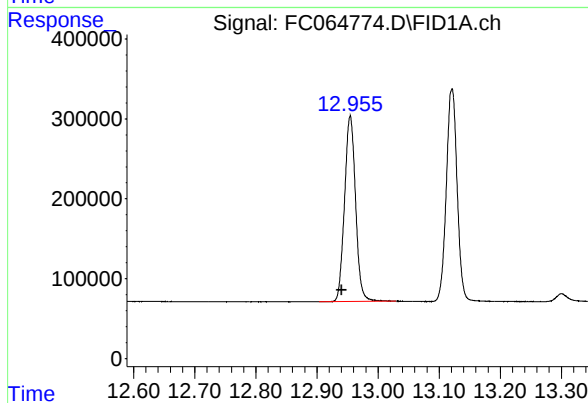
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.012 min
Response: 3350481
Conc: 19.67 ug/ml



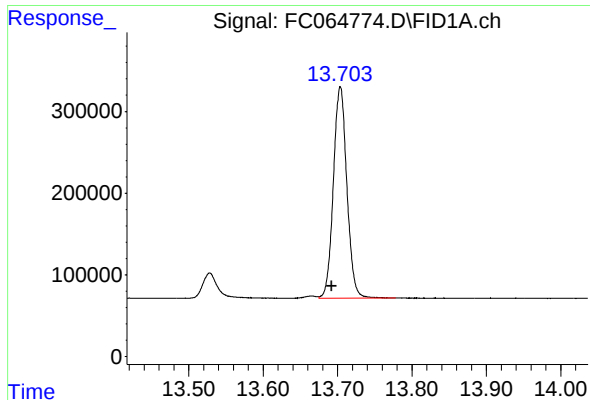
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: 0.013 min
Response: 3272695
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

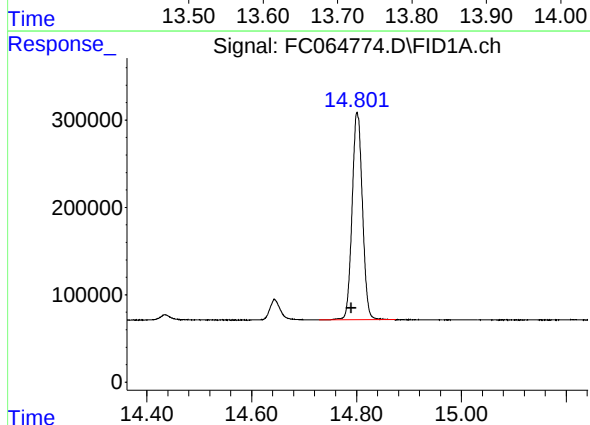
R.T.: 12.954 min
Delta R.T.: 0.014 min
Response: 2919307
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

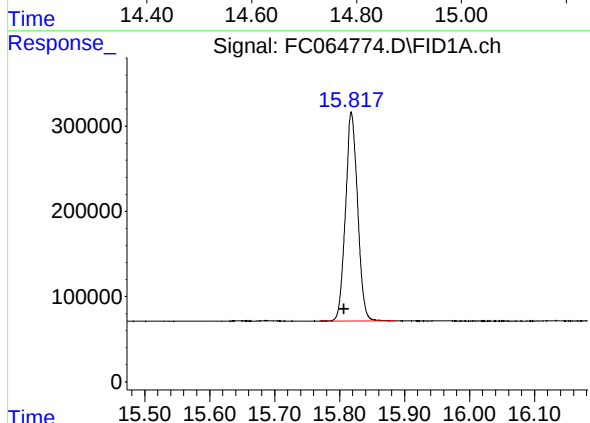
R.T.: 13.704 min
Delta R.T.: 0.012 min
Response: 3268684
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



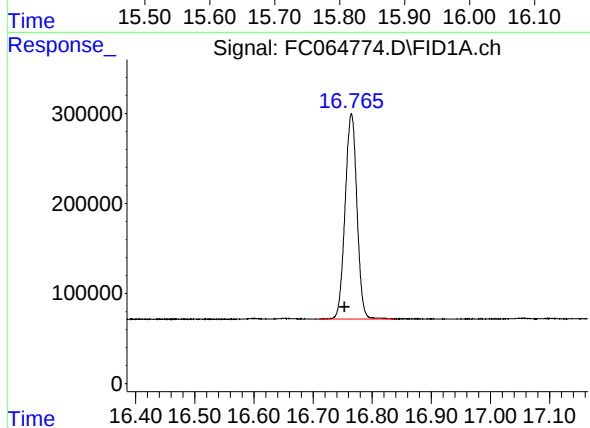
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.011 min
Response: 3252590
Conc: 20.49 ug/ml



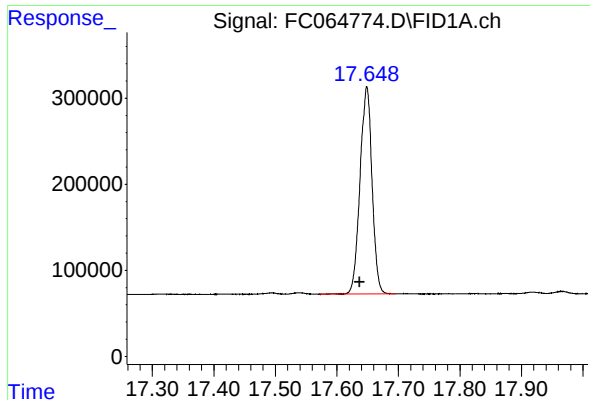
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.011 min
Response: 3174878
Conc: 20.80 ug/ml



#16 n-Octacosane (C28)

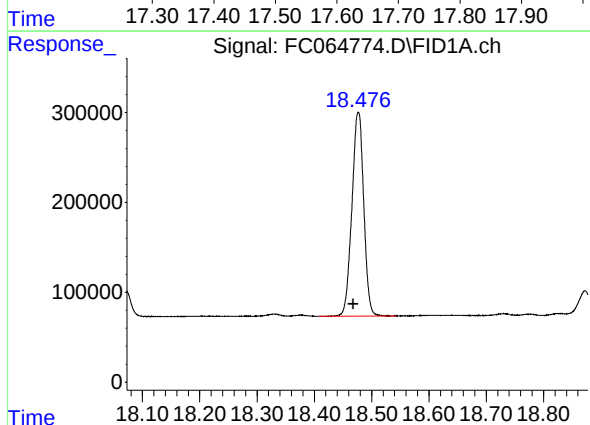
R.T.: 16.765 min
Delta R.T.: 0.011 min
Response: 3171202
Conc: 21.43 ug/ml



#17 n-Tricontane (C30)

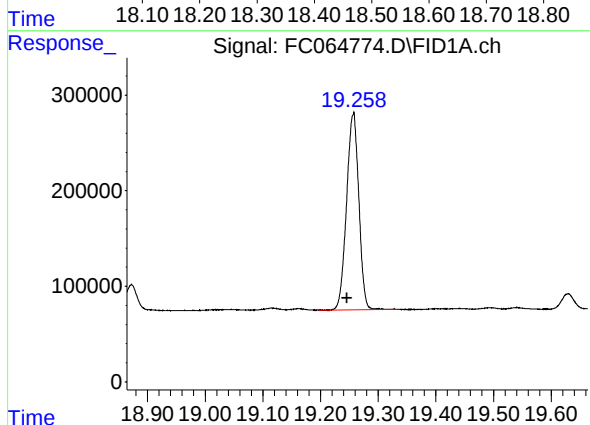
R.T.: 17.649 min
Delta R.T.: 0.012 min
Response: 3271671
Conc: 22.02 ug/ml

Instrument :
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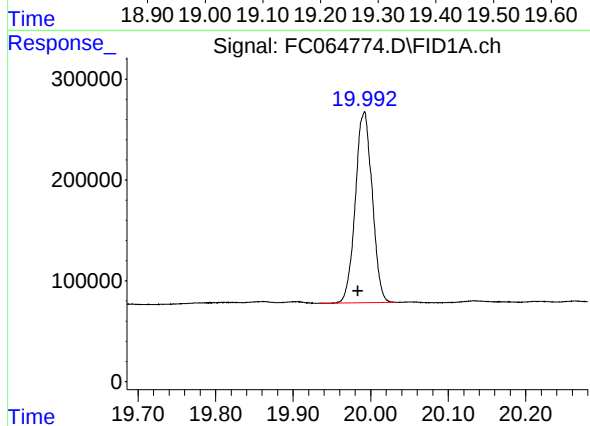
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.009 min
Response: 3261069
Conc: 22.35 ug/ml



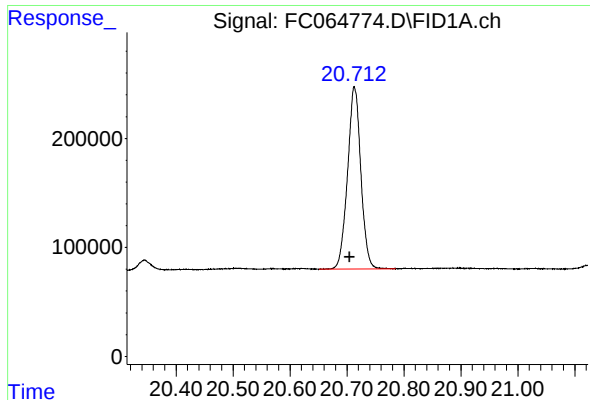
#19 n-Tetatriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.011 min
Response: 3044154
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

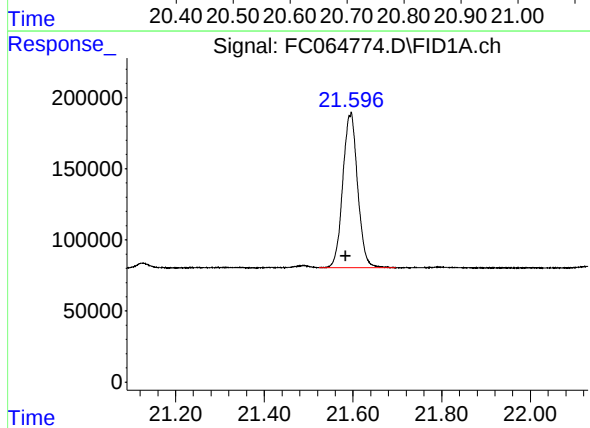
R.T.: 19.992 min
Delta R.T.: 0.008 min
Response: 2856957
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.008 min
Response: 2710873
Conc: 19.78 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.013 min
Response: 2530329
Conc: 18.60 ug/ml