

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101023AL\
 Data File : FC064784.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 09:33
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 10 10:58:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 10:51:22 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)	11.523	10262342	49.820 ug/ml
Spiked Amount 50.000		Recovery =	99.64%
12) S 1-chlorooctadecane (S...	12.954	7315534	49.945 ug/ml
Spiked Amount 50.000		Recovery =	99.89%
Target Compounds			
1) T n-Nonane (C9)	3.323	8974741	50.284 ug/ml
2) T n-Decane (C10)	4.382	9020600	50.357 ug/ml
3) T A~Naphthalene (C11.7)	5.960	9724947	50.786 ug/ml
4) T n-Dodecane (C12)	6.391	9080221	50.193 ug/ml
5) T A~2-methylnaphthalene...	7.014	9321059	50.877 ug/ml
6) T n-Tetradecane (C14)	8.178	8794827	50.113 ug/ml
7) T n-Hexadecane (C16)	9.772	8736652	50.099 ug/ml
8) T n-Octadecane (C18)	11.208	8646206	49.931 ug/ml
10) T n-Eicosane (C20)	12.512	8243372	49.837 ug/ml
11) T n-Heneicosane (C21)	13.121	8065400	49.785 ug/ml
13) T n-Docosane (C22)	13.705	7894306	49.789 ug/ml
14) T n-Tetracosane (C24)	14.803	7611043	49.707 ug/ml
15) T n-Hexacosane (C26)	15.818	7309383	49.670 ug/ml
16) T n-Octacosane (C28)	16.764	7012971	49.602 ug/ml
17) T n-Tricontane (C30)	17.647	6922381	49.521 ug/ml
18) T n-Dotriacontane (C32)	18.477	6791912	49.459 ug/ml
19) T n-Tetratriacontane (C34)	19.256	6637019	49.524 ug/ml
20) T n-Hexatriacontane (C36)	19.992	6582938	49.674 ug/ml
21) T n-Octatriacontane (C38)	20.715	6416361	49.863 ug/ml
22) T n-Tetracontane (C40)	21.596	6101861	50.223 ug/ml

(f)=RT Delta > 1/2 Window

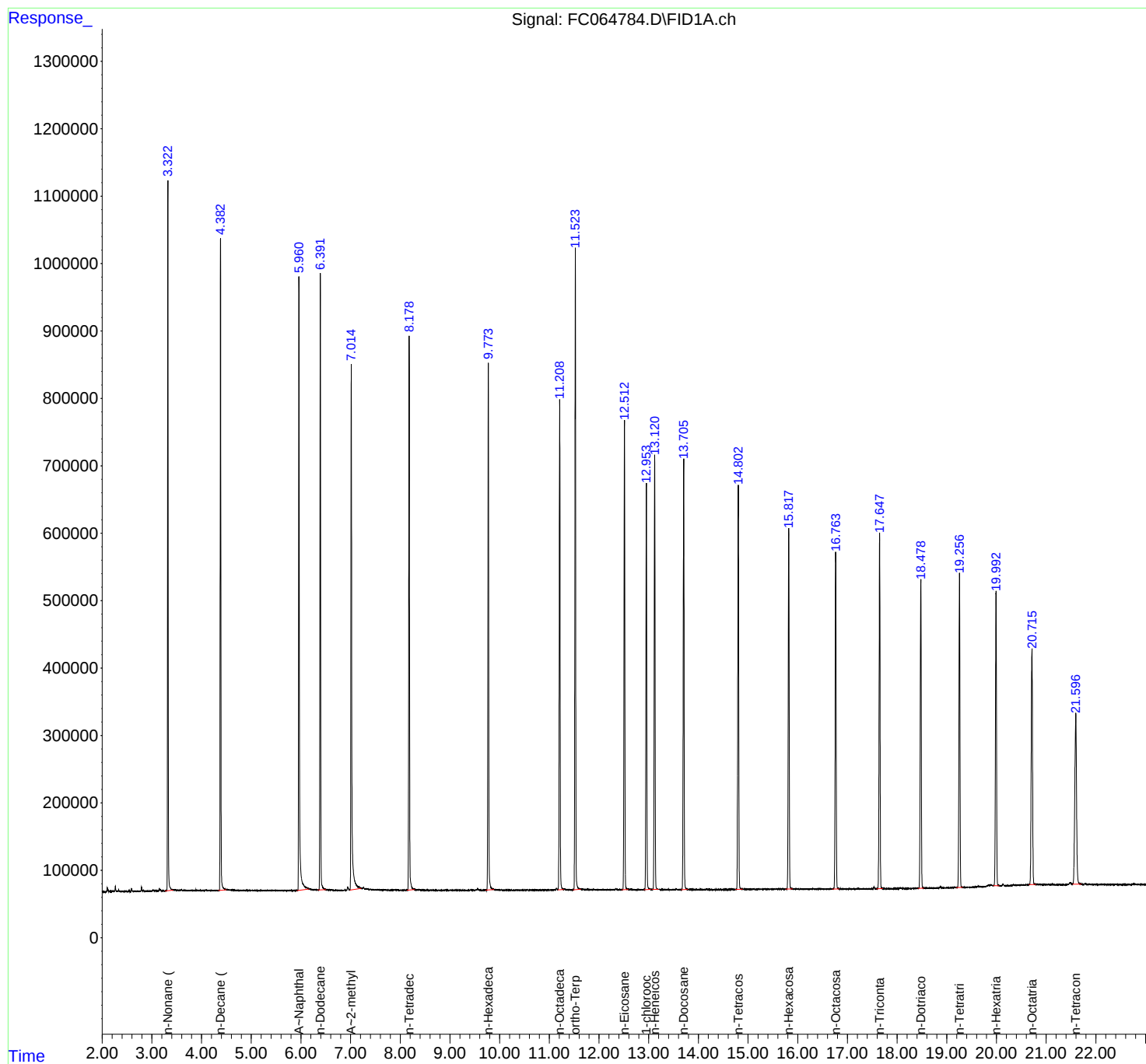
(m)=manual int.

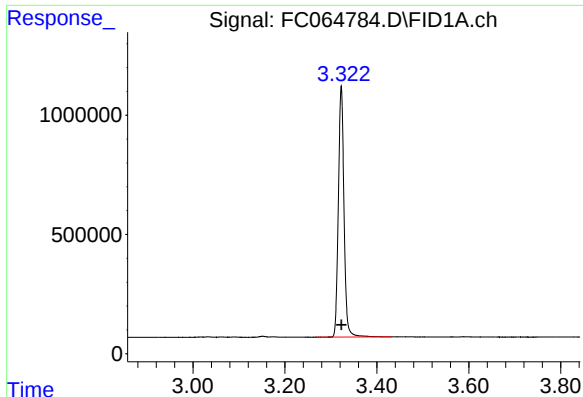
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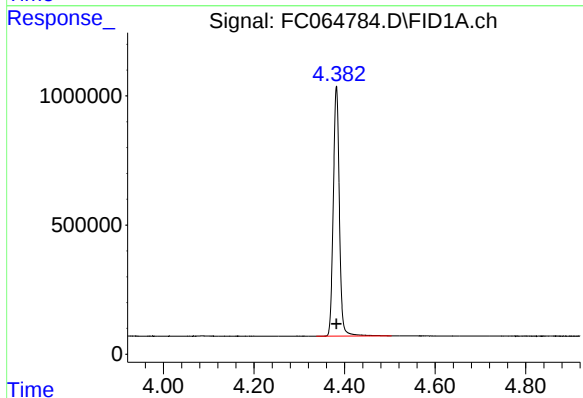




#1 n-Nonane (C9)

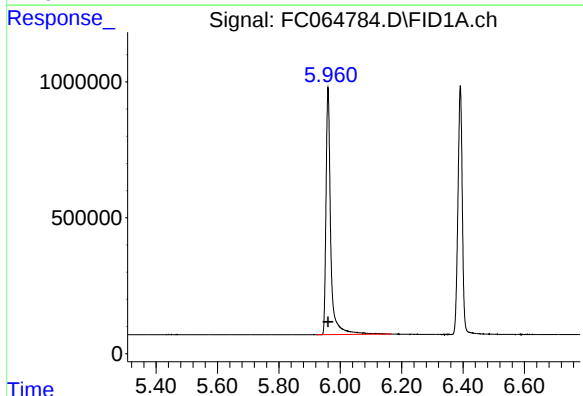
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 8974741
Conc: 50.28 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



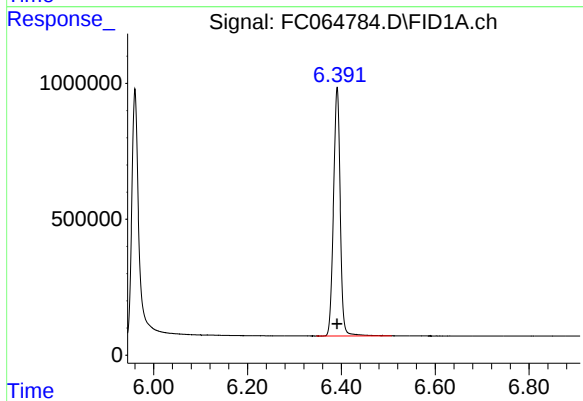
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 9020600
Conc: 50.36 ug/ml



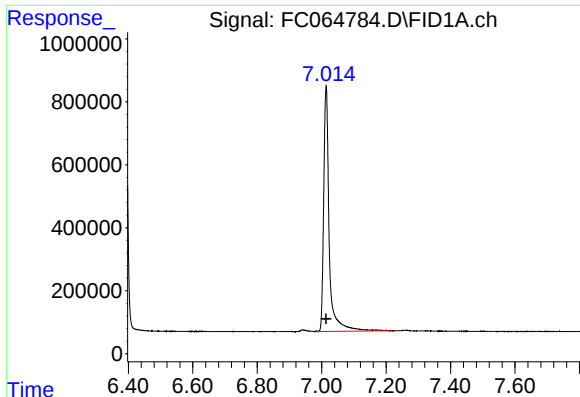
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 9724947
Conc: 50.79 ug/ml



#4 n-Dodecane (C12)

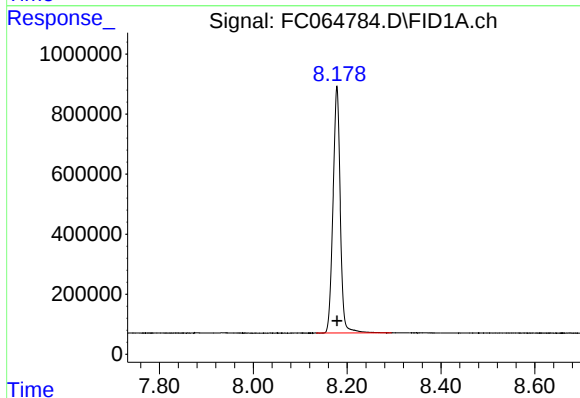
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 9080221
Conc: 50.19 ug/ml



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

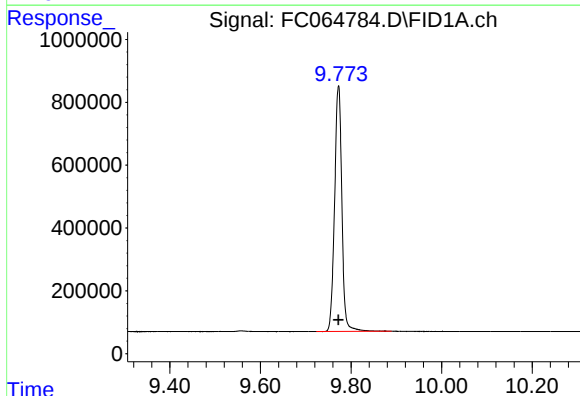
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 9321059
Conc: 50.88 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



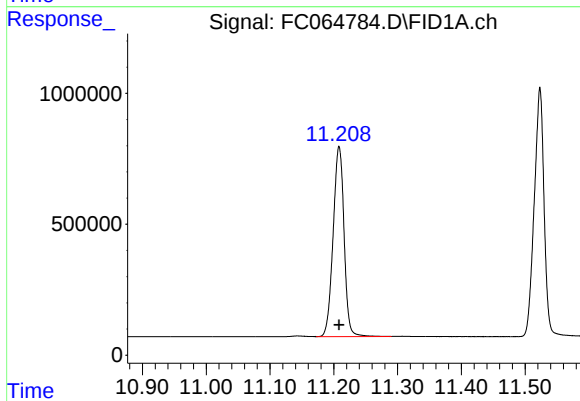
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 8794827
Conc: 50.11 ug/ml



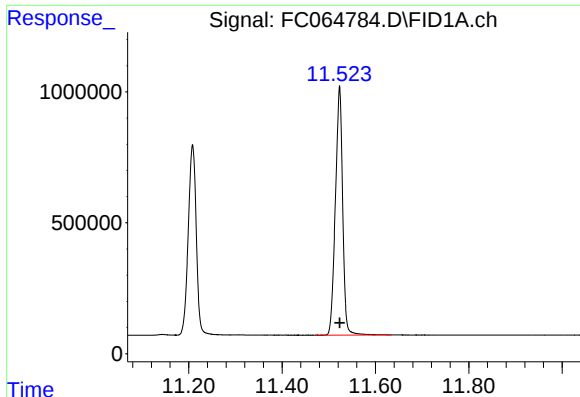
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 8736652
Conc: 50.10 ug/ml



#8 n-Octadecane (C18)

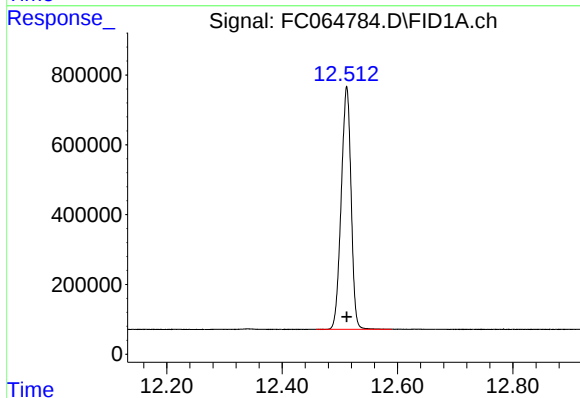
R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 8646206
Conc: 49.93 ug/ml



#9 ortho-Terphenyl (SURR)

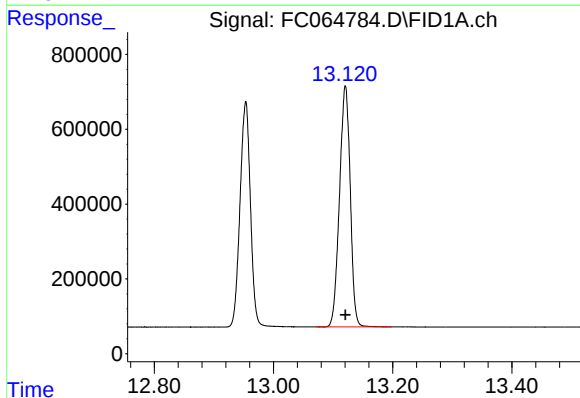
R.T.: 11.523 min
Delta R.T.: 0.000 min
Response: 10262342
Conc: 49.82 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



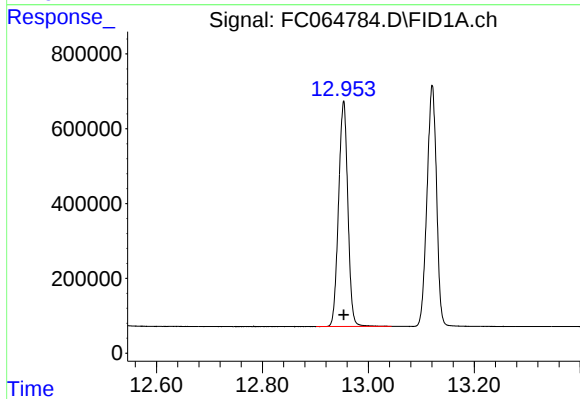
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: 0.000 min
Response: 8243372
Conc: 49.84 ug/ml



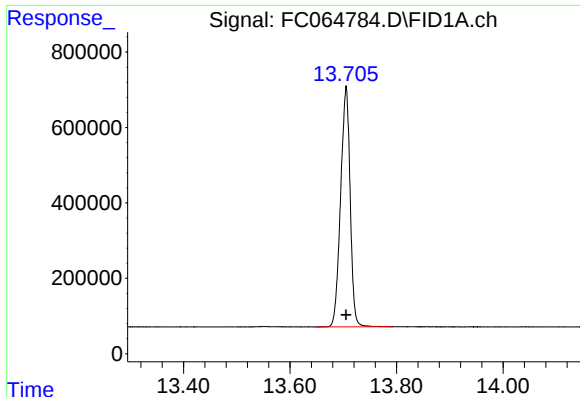
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: 0.000 min
Response: 8065400
Conc: 49.79 ug/ml



#12 1-chlorooctadecane (SURR)

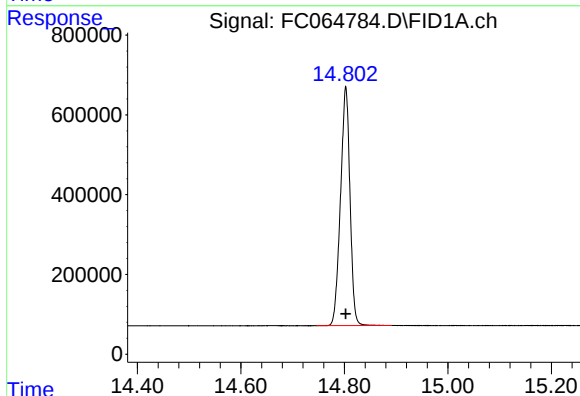
R.T.: 12.954 min
Delta R.T.: 0.000 min
Response: 7315534
Conc: 49.95 ug/ml



#13 n-Docosane (C22)

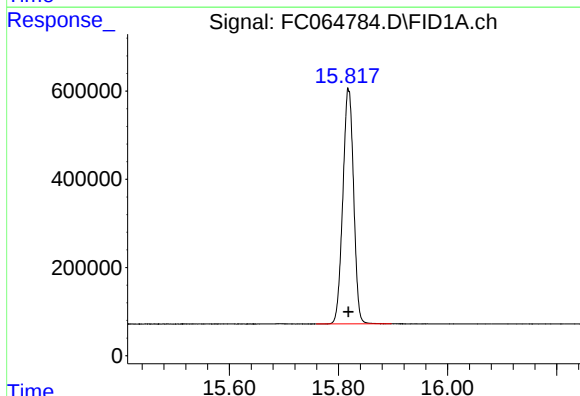
R.T.: 13.705 min
Delta R.T.: 0.000 min
Response: 7894306
Conc: 49.79 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



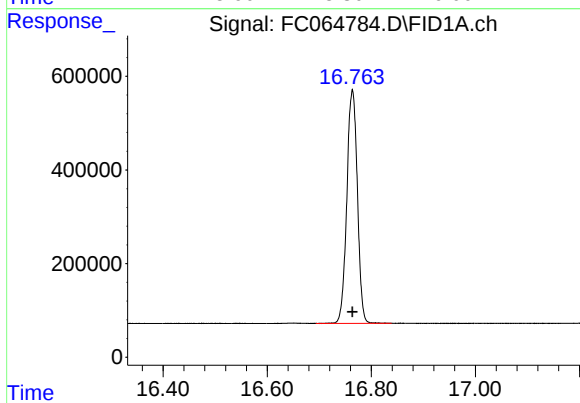
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 7611043
Conc: 49.71 ug/ml



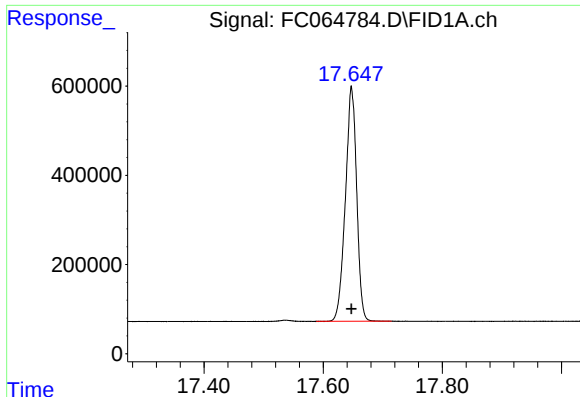
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 7309383
Conc: 49.67 ug/ml



#16 n-Octacosane (C28)

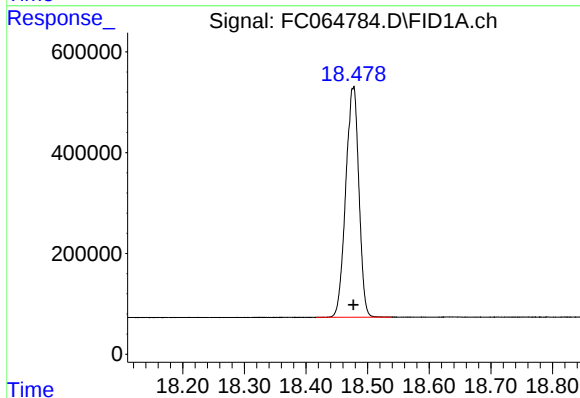
R.T.: 16.764 min
Delta R.T.: 0.000 min
Response: 7012971
Conc: 49.60 ug/ml



#17 n-Tricontane (C30)

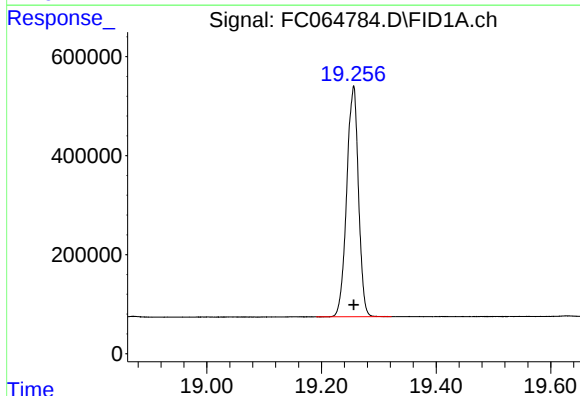
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 6922381
Conc: 49.52 ug/ml

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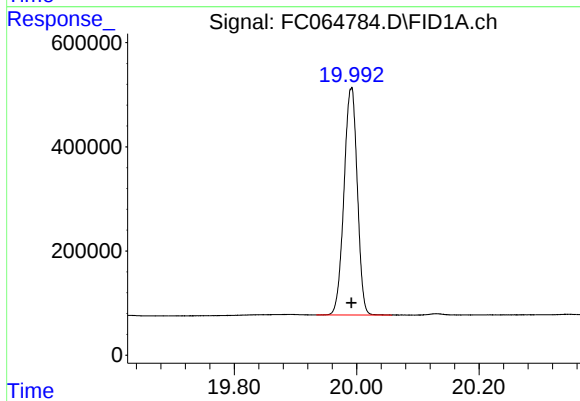
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 6791912
Conc: 49.46 ug/ml



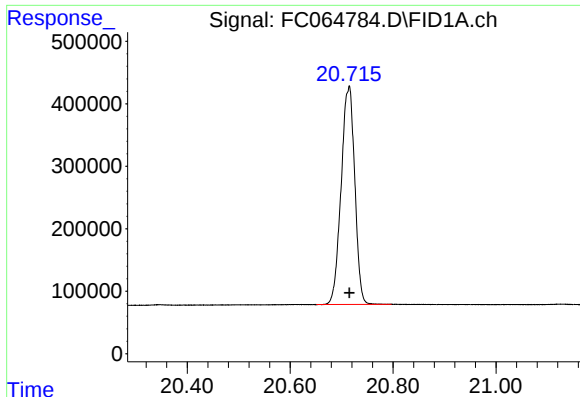
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.000 min
Response: 6637019
Conc: 49.52 ug/ml



#20 n-Hexatriacontane (C36)

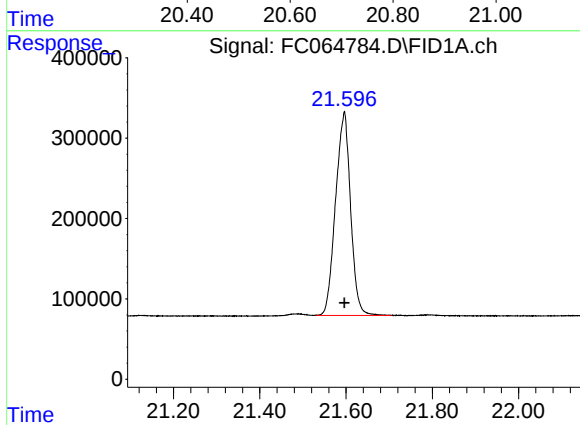
R.T.: 19.992 min
Delta R.T.: 0.000 min
Response: 6582938
Conc: 49.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.000 min
Response: 6416361
Conc: 49.86 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 6101861
Conc: 50.22 ug/ml