

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100523AL\
 Data File : FC064737.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 07:51
 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 05 23:52:39 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	4317962	21.340 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
12) S 1-chlorooctadecane (S...	12.951	3121250	21.429 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
Target Compounds			
1) T n-Nonane (C9)	3.322	3830712	21.677 ug/ml
2) T n-Decane (C10)	4.381	3865571	21.518 ug/ml
3) T A~Naphthalene (C11.7)	5.962	4031134	21.458 ug/ml
4) T n-Dodecane (C12)	6.389	3901462	21.479 ug/ml
5) T A~2-methylnaphthalene...	7.015	3865397	21.675 ug/ml
6) T n-Tetradecane (C14)	8.177	3789595	21.357 ug/ml
7) T n-Hexadecane (C16)	9.771	3763031	20.934 ug/ml
8) T n-Octadecane (C18)	11.206	3710749	20.495 ug/ml
10) T n-Eicosane (C20)	12.509	3541867	20.793 ug/ml
11) T n-Heneicosane (C21)	13.117	3458674	20.882 ug/ml
13) T n-Docosane (C22)	13.701	3398401	20.861 ug/ml
14) T n-Tetracosane (C24)	14.798	3278870	20.653 ug/ml
15) T n-Hexacosane (C26)	15.815	3137375	20.553 ug/ml
16) T n-Octacosane (C28)	16.760	3070083	20.744 ug/ml
17) T n-Tricontane (C30)	17.644	3115302	20.970 ug/ml
18) T n-Dotriacontane (C32)	18.472	3071276	21.045 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2922947	20.560 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2820418	20.477 ug/ml
21) T n-Octatriacontane (C38)	20.709	2726317	19.893 ug/ml
22) T n-Tetracontane (C40)	21.588	2614967	19.224 ug/ml

(f)=RT Delta > 1/2 Window

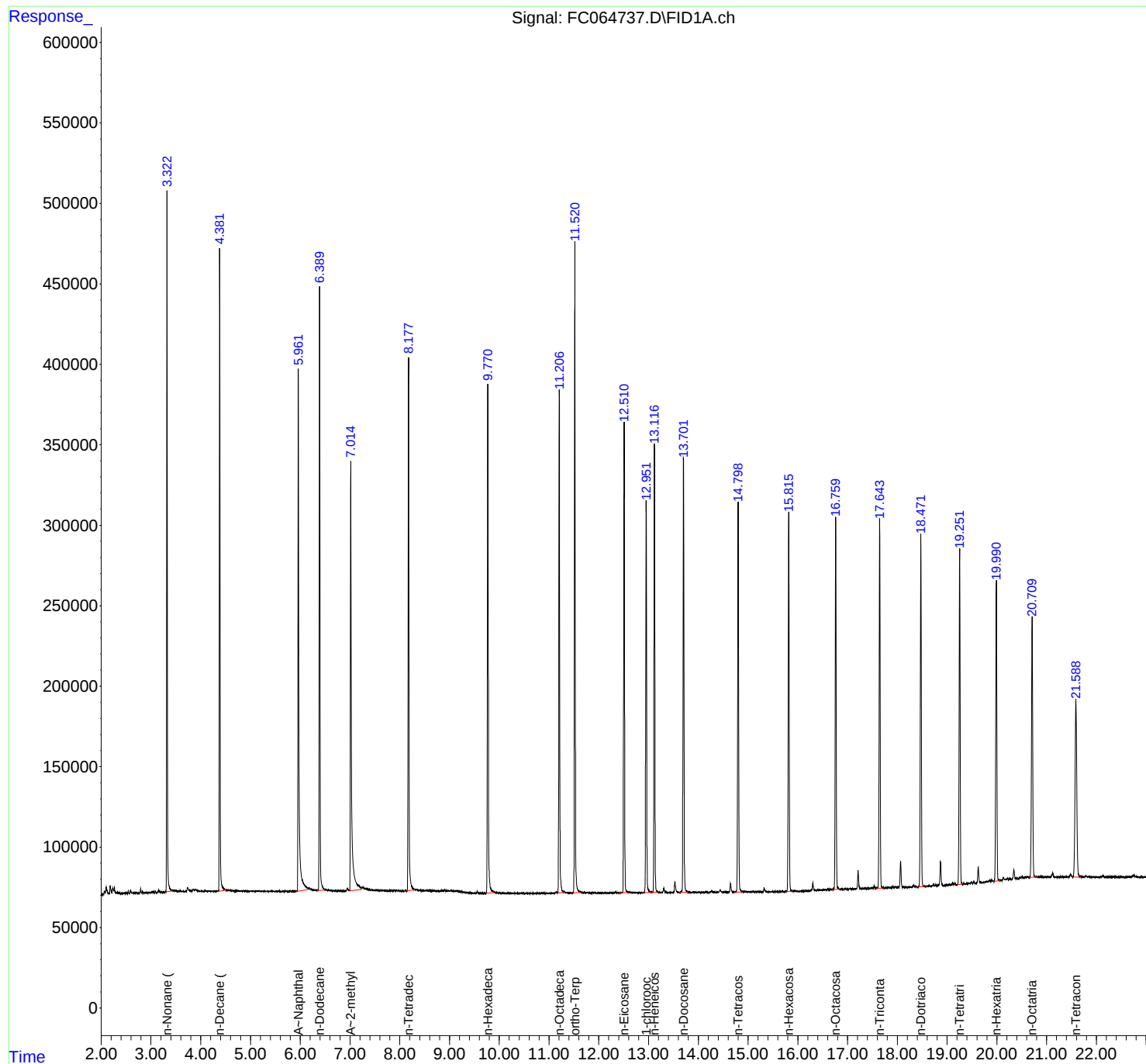
(m)=manual int.

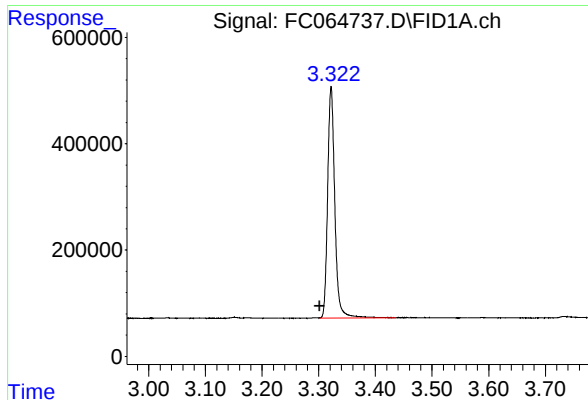
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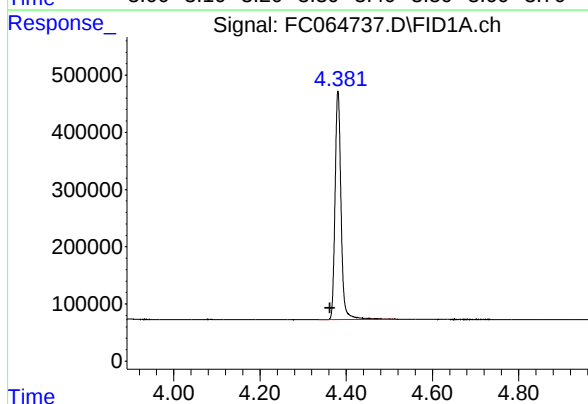




#1 n-Nonane (C9)

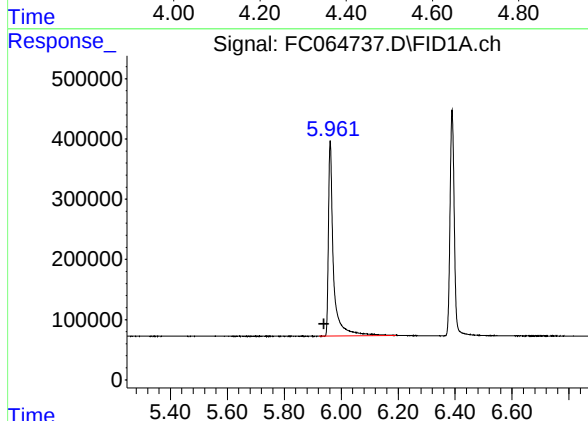
R.T.: 3.322 min
Delta R.T.: 0.020 min
Response: 3830712
Conc: 21.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



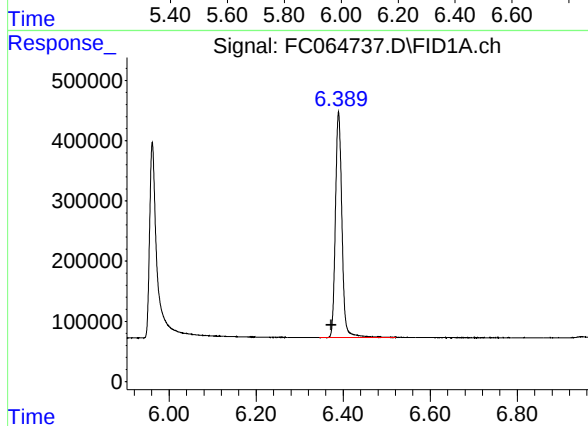
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.019 min
Response: 3865571
Conc: 21.52 ug/ml



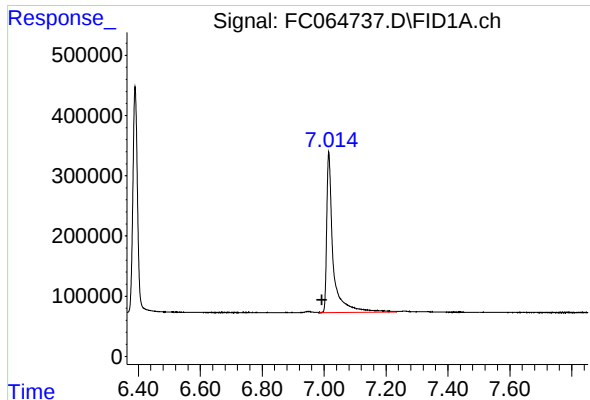
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.023 min
Response: 4031134
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

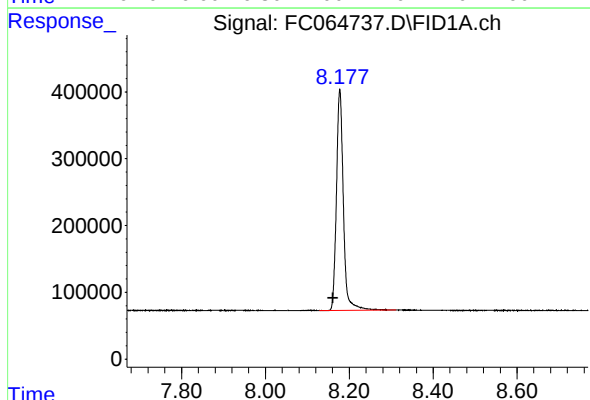
R.T.: 6.389 min
Delta R.T.: 0.017 min
Response: 3901462
Conc: 21.48 ug/ml



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

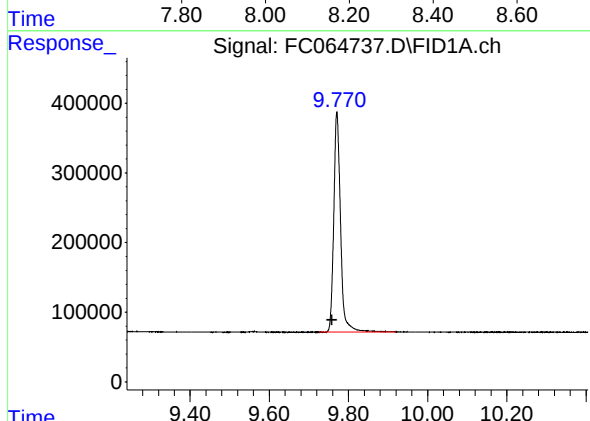
R.T.: 7.015 min
Delta R.T.: 0.022 min
Response: 3865397
Conc: 21.67 ug/ml

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20 PPM ALIPHATIC HC STD



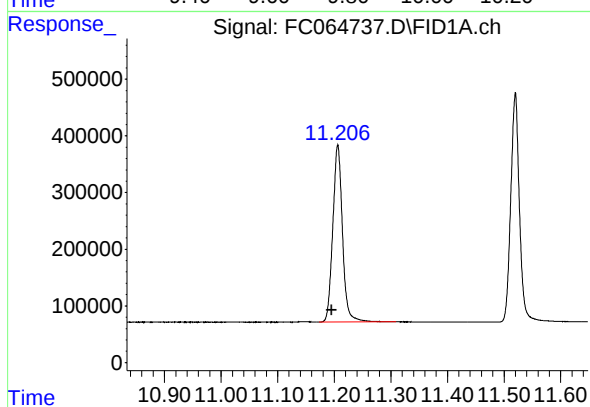
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.016 min
Response: 3789595
Conc: 21.36 ug/ml



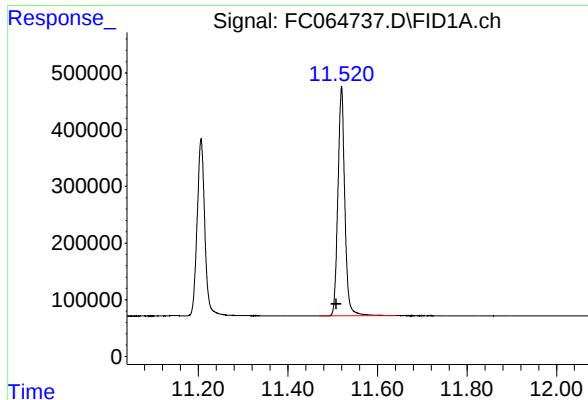
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.012 min
Response: 3763031
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

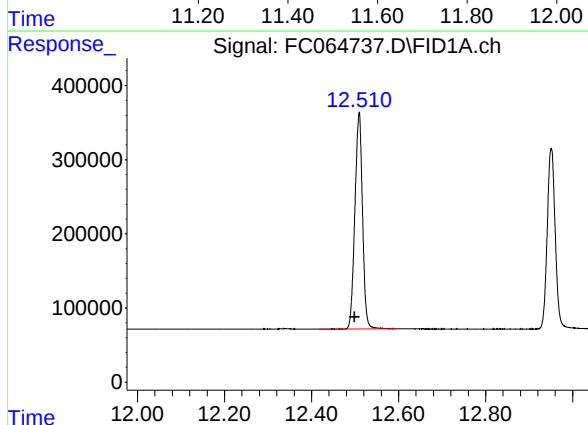
R.T.: 11.206 min
Delta R.T.: 0.011 min
Response: 3710749
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

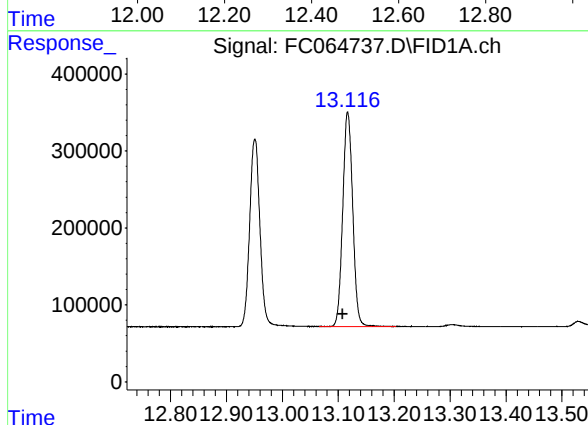
R.T.: 11.520 min
Delta R.T.: 0.012 min
Response: 4317962
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



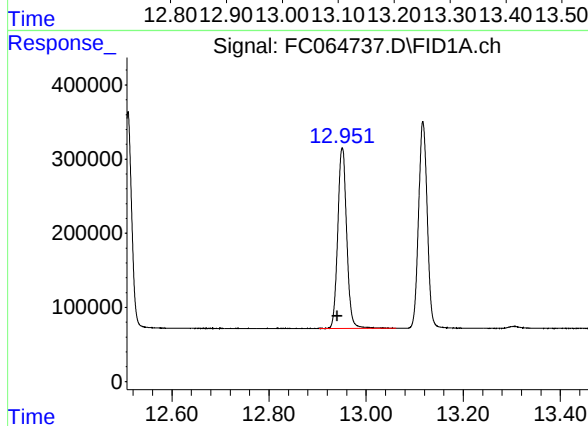
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.010 min
Response: 3541867
Conc: 20.79 ug/ml



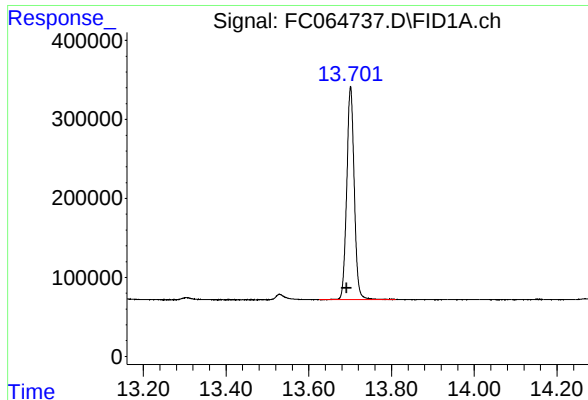
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.009 min
Response: 3458674
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

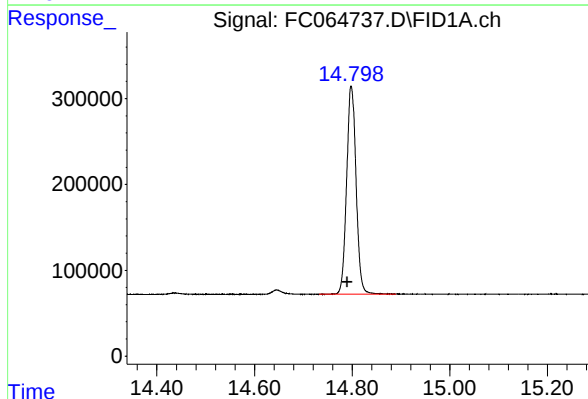
R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 3121250
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

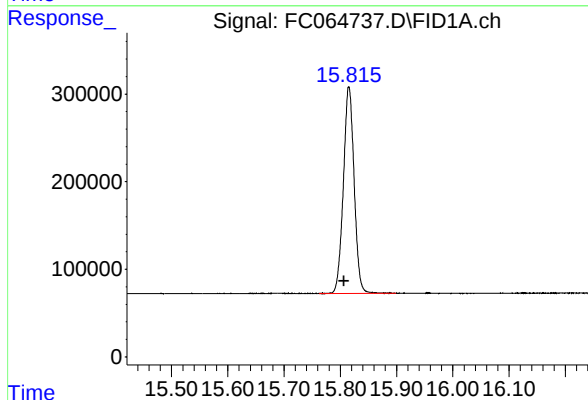
R.T.: 13.701 min
Delta R.T.: 0.009 min
Response: 3398401
Conc: 20.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



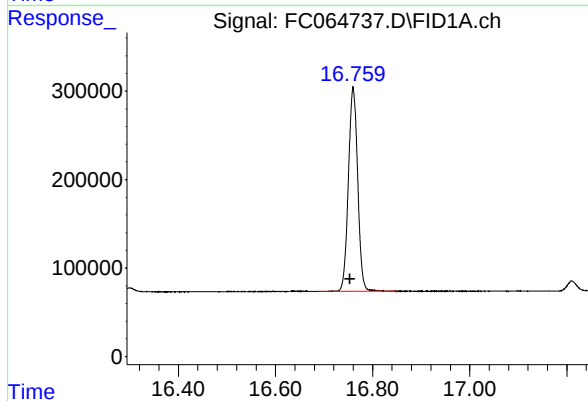
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.008 min
Response: 3278870
Conc: 20.65 ug/ml



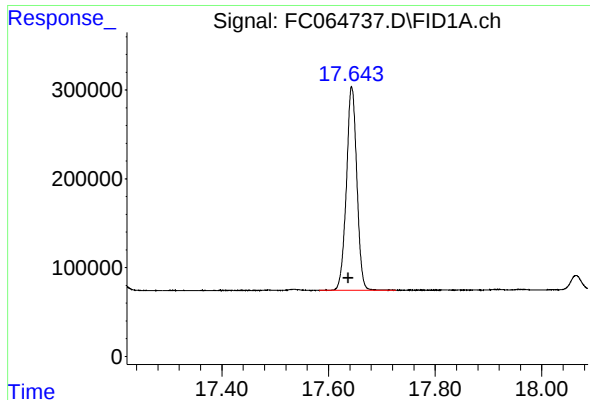
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 3137375
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

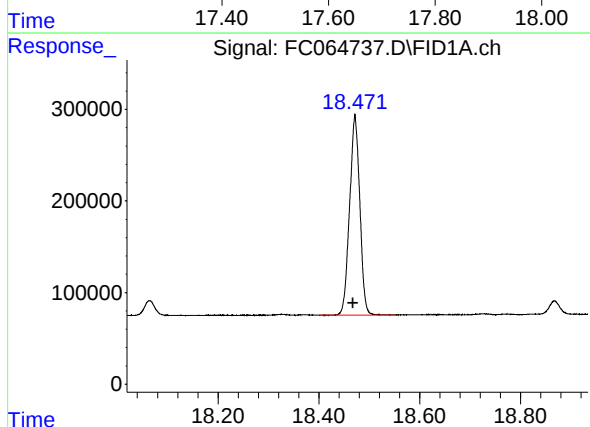
R.T.: 16.760 min
Delta R.T.: 0.006 min
Response: 3070083
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

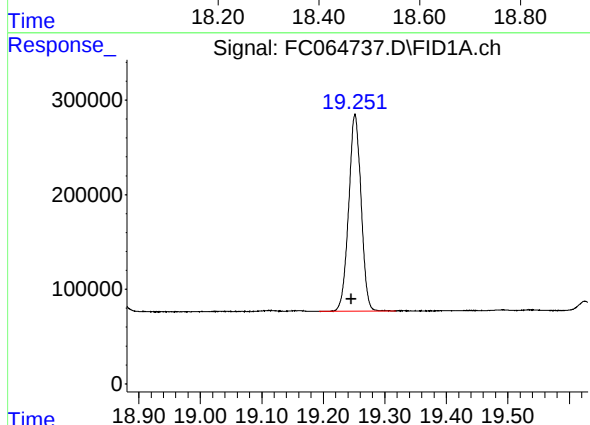
R.T.: 17.644 min
Delta R.T.: 0.006 min
Response: 3115302
Conc: 20.97 ug/ml

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20 PPM ALIPHATIC HC STD



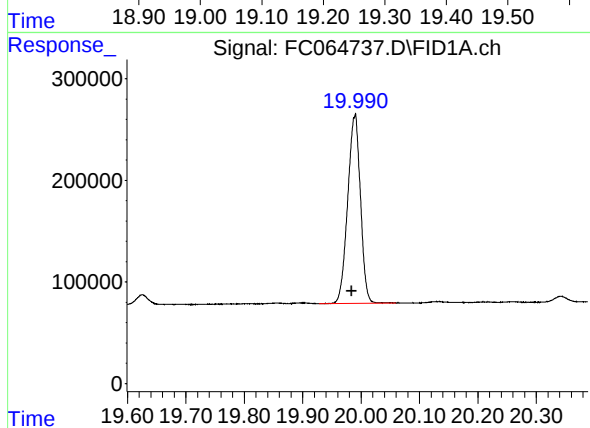
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.004 min
Response: 3071276
Conc: 21.04 ug/ml



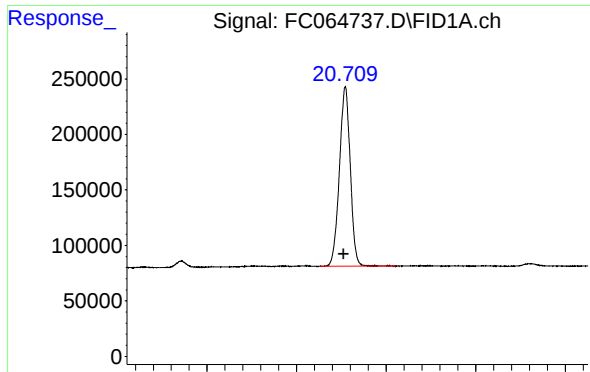
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.006 min
Response: 2922947
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

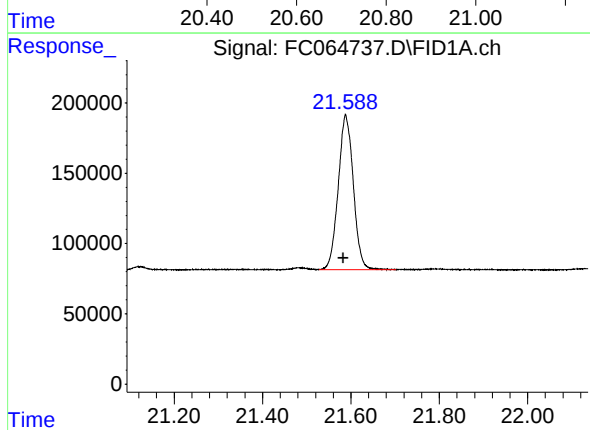
R.T.: 19.990 min
Delta R.T.: 0.006 min
Response: 2820418
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.004 min
Response: 2726317
Conc: 19.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: 0.005 min
Response: 2614967
Conc: 19.22 ug/ml