

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
 Data File : FC064676.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2023 22:48
 Operator : YP/AJ
 Sample : 04536-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-4MSD

Integration File: autoint1.e
 Quant Time: Sep 27 01:10:15 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			
12) S 1-chlorooctadecane (S...	12.951	5165161	35.461 ug/ml
Spiked Amount 50.000		Recovery =	70.92%
Target Compounds			
1) T n-Nonane (C9)	3.320	5420852	30.675 ug/ml
2) T n-Decane (C10)	4.380	6677775	37.172 ug/ml
4) T n-Dodecane (C12)	6.389	7454533	41.040 ug/ml
6) T n-Tetradecane (C14)	8.177	7862814	44.313 ug/ml
7) T n-Hexadecane (C16)	9.772	8732783	48.581 ug/ml
8) T n-Octadecane (C18)	11.207	9288439	51.302 ug/ml
10) T n-Eicosane (C20)	12.511	9377558	55.052 ug/ml
11) T n-Heneicosane (C21)	13.121	8986685	54.259 ug/ml
13) T n-Docosane (C22)	13.704	8842247	54.277 ug/ml
14) T n-Tetracosane (C24)	14.801	8568185	53.970 ug/ml
15) T n-Hexacosane (C26)	15.816	8166676	53.500 ug/ml
16) T n-Octacosane (C28)	16.761	7873634	53.201 ug/ml
17) T n-Tricontane (C30)	17.645	7612056	51.240 ug/ml
18) T n-Dotriacontane (C32)	18.473	7275143	49.850 ug/ml
19) T n-Tetratriacontane (C34)	19.253	7041064	49.527 ug/ml
20) T n-Hexatriacontane (C36)	19.989	6710268	48.719 ug/ml
21) T n-Octatriacontane (C38)	20.710	6654728	48.557 ug/ml
22) T n-Tetracontane (C40)	21.593	6483335	47.662 ug/ml

(f)=RT Delta > 1/2 Window

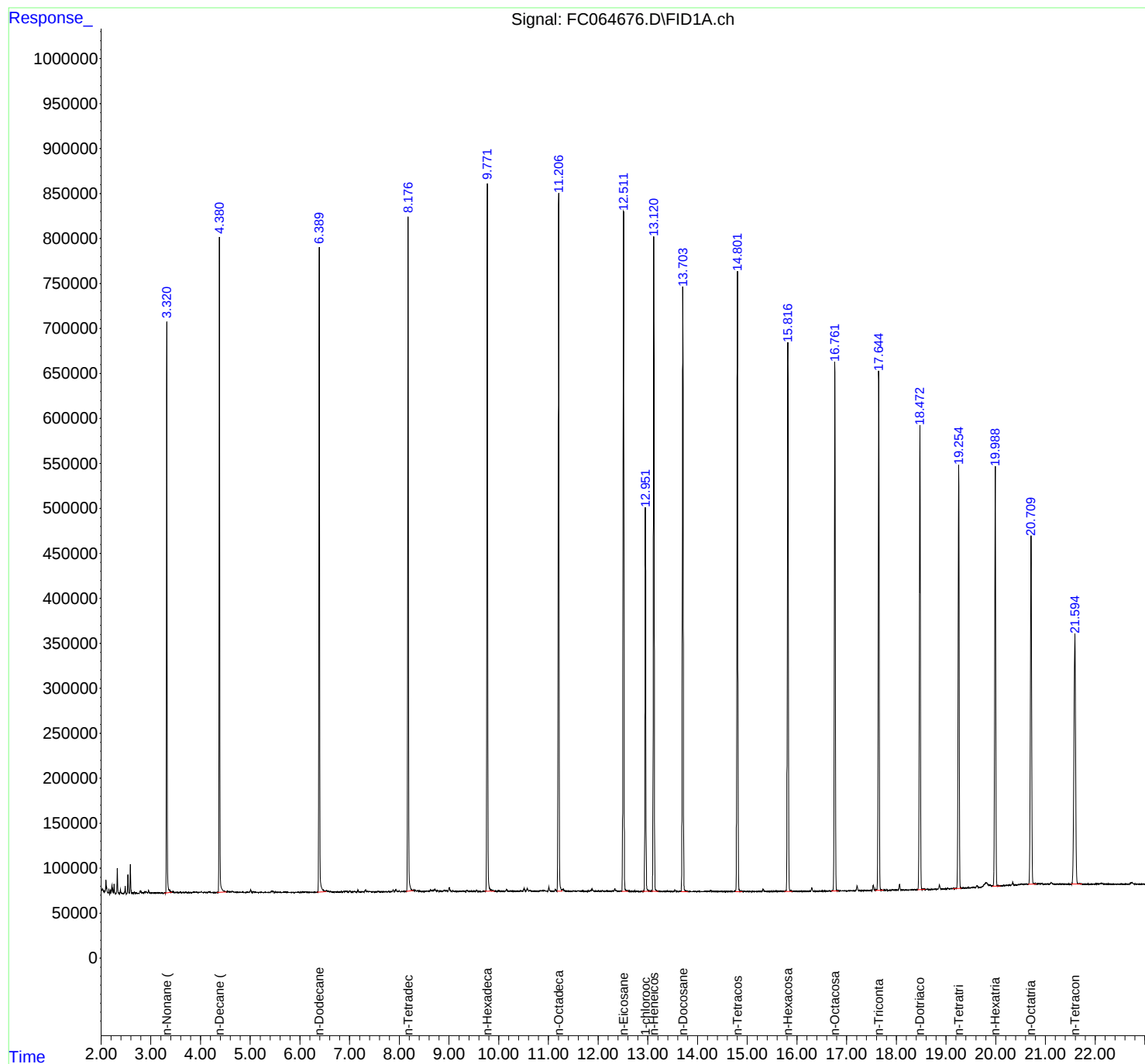
(m)=manual int.

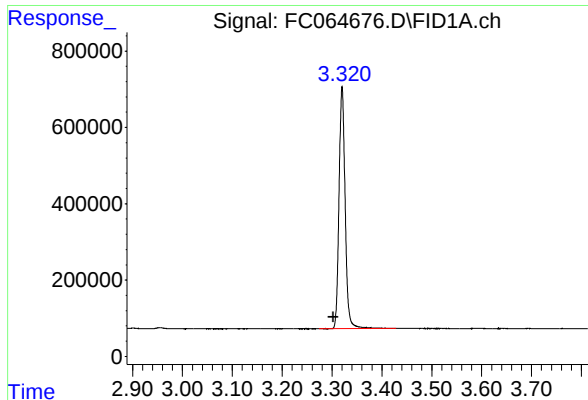
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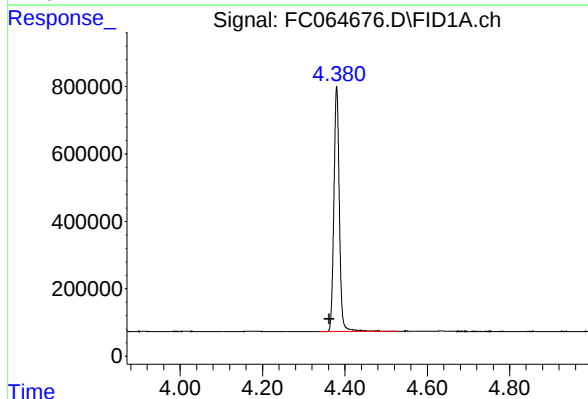




#1 n-Nonane (C9)

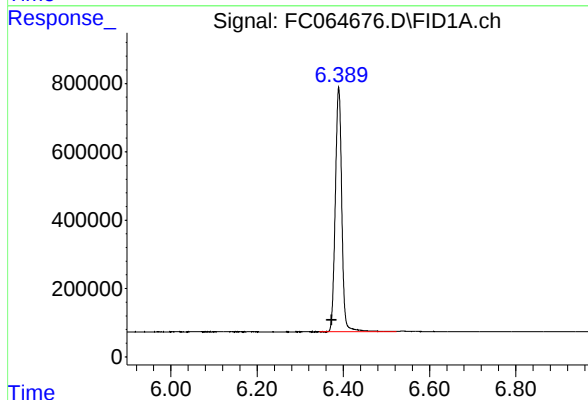
R.T.: 3.320 min
Delta R.T.: 0.018 min
Response: 5420852
Conc: 30.68 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MSD



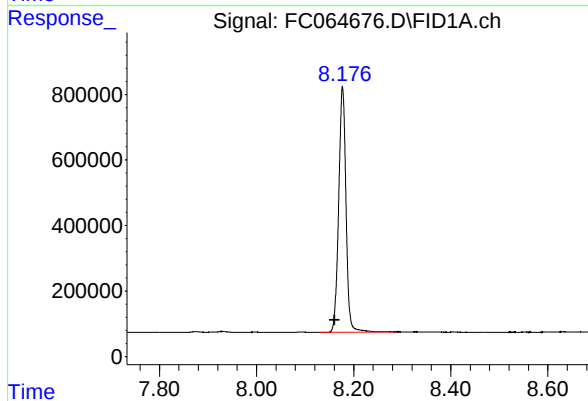
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.018 min
Response: 6677775
Conc: 37.17 ug/ml



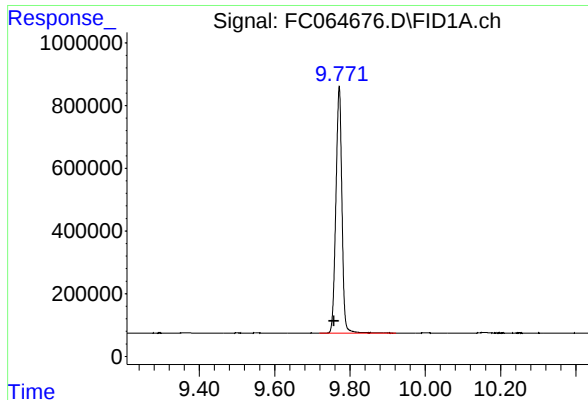
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: 0.017 min
Response: 7454533
Conc: 41.04 ug/ml



#6 n-Tetradecane (C14)

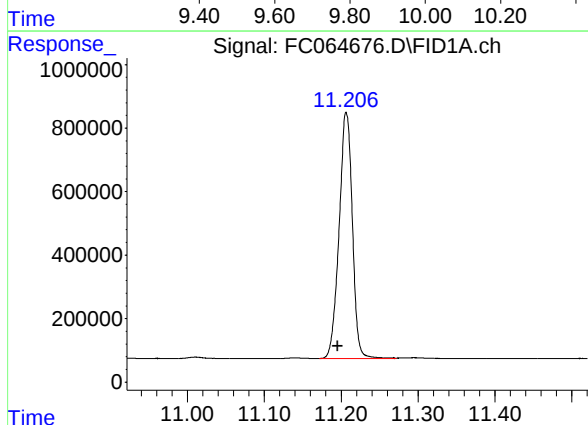
R.T.: 8.177 min
Delta R.T.: 0.016 min
Response: 7862814
Conc: 44.31 ug/ml



#7 n-Hexadecane (C16)

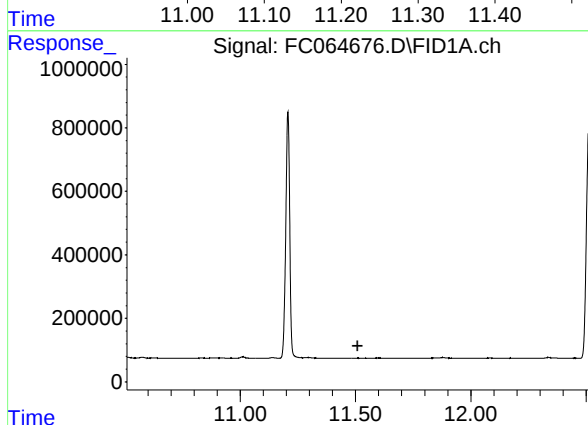
R.T.: 9.772 min
Delta R.T.: 0.013 min
Response: 8732783
Conc: 48.58 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MSD



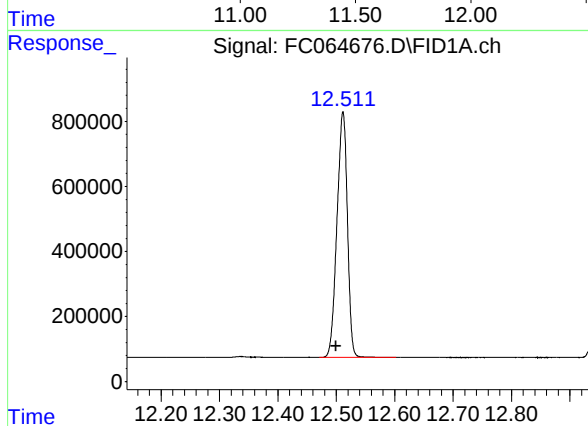
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: 0.011 min
Response: 9288439
Conc: 51.30 ug/ml



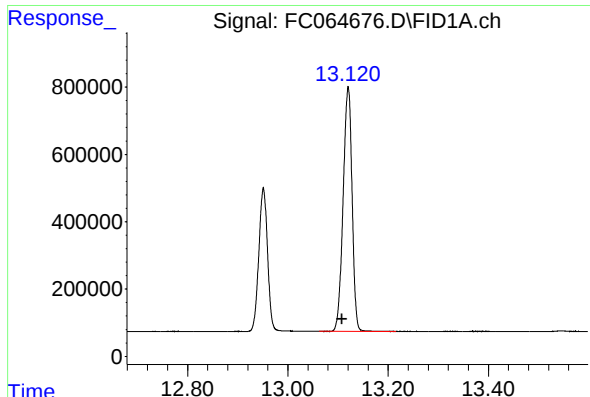
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.508 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

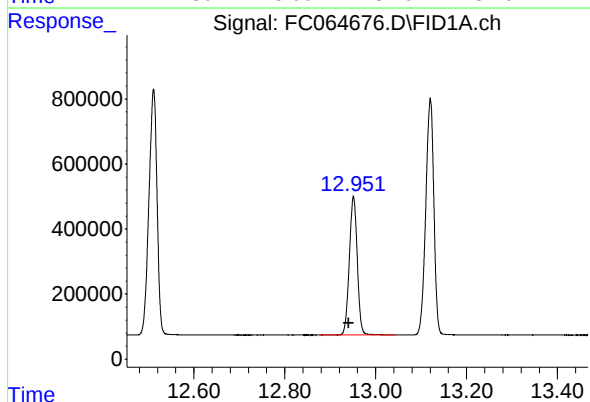
R.T.: 12.511 min
Delta R.T.: 0.012 min
Response: 9377558
Conc: 55.05 ug/ml



#11 n-Heneicosane (C21)

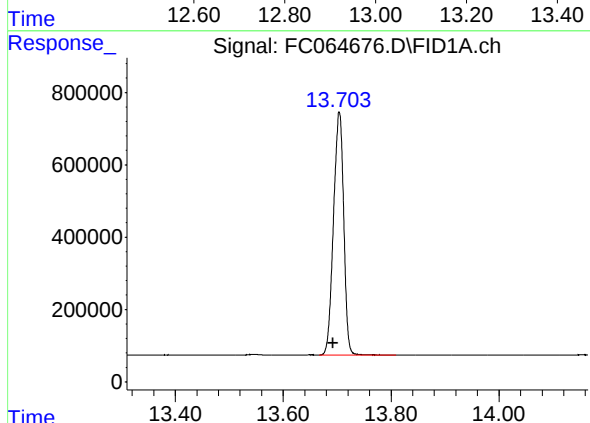
R.T.: 13.121 min
Delta R.T.: 0.012 min
Response: 8986685
Conc: 54.26 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MSD



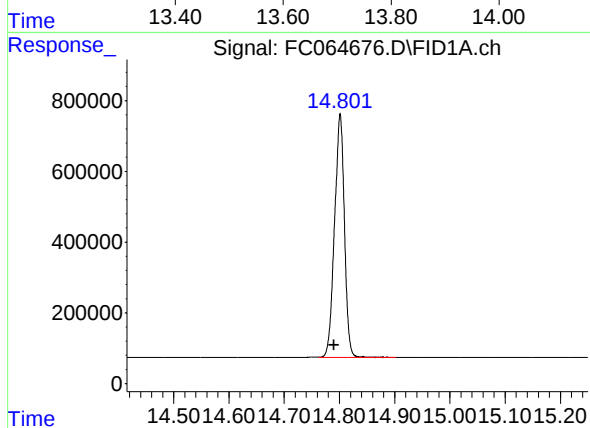
#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 5165161
Conc: 35.46 ug/ml



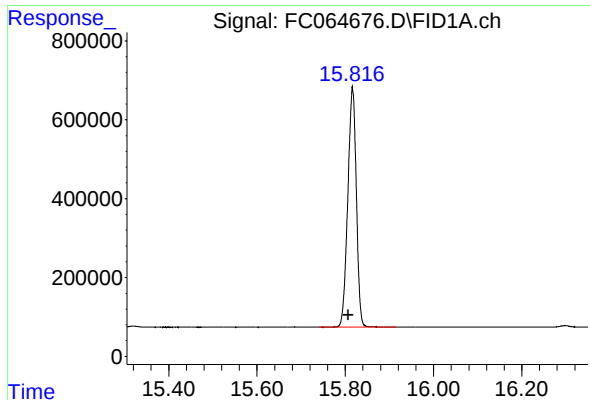
#13 n-Docosane (C22)

R.T.: 13.704 min
Delta R.T.: 0.012 min
Response: 8842247
Conc: 54.28 ug/ml



#14 n-Tetracosane (C24)

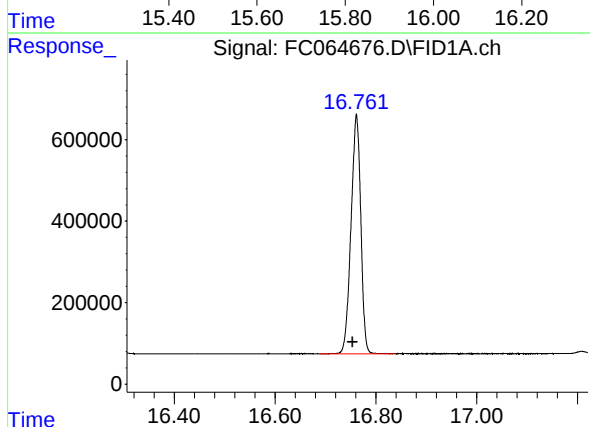
R.T.: 14.801 min
Delta R.T.: 0.011 min
Response: 8568185
Conc: 53.97 ug/ml



#15 n-Hexacosane (C26)

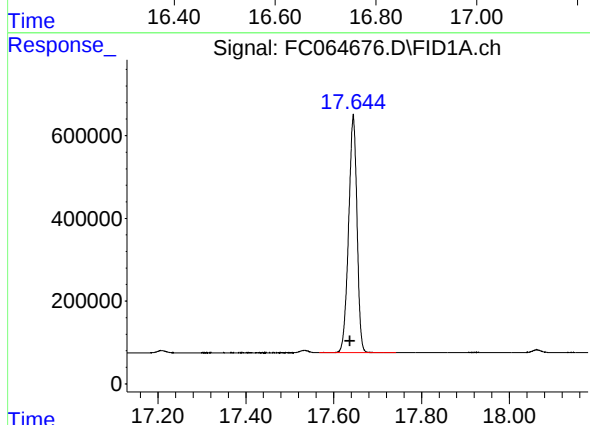
R.T.: 15.816 min
Delta R.T.: 0.010 min
Response: 8166676
Conc: 53.50 ug/ml

Instrument :
FID_C
ClientSampleId :
T-4MSD



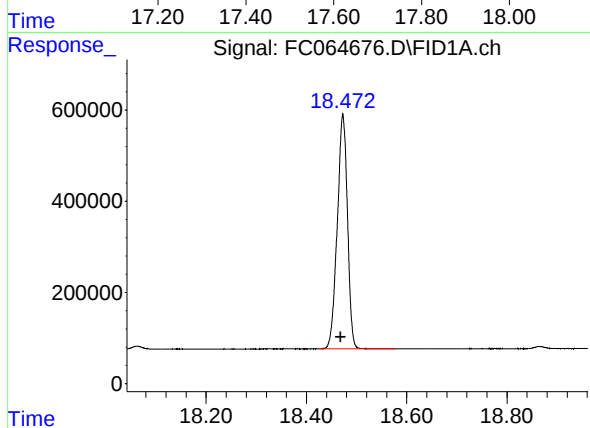
#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.008 min
Response: 7873634
Conc: 53.20 ug/ml



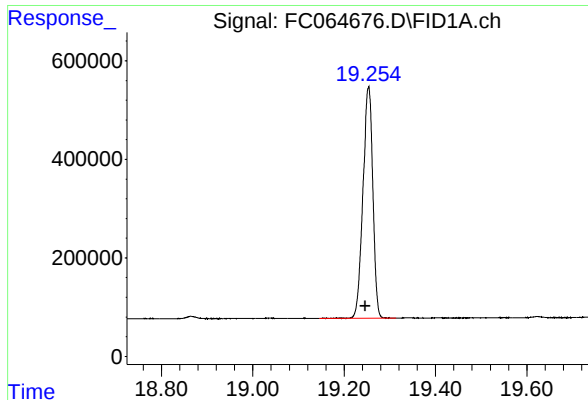
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.007 min
Response: 7612056
Conc: 51.24 ug/ml



#18 n-Dotriacontane (C32)

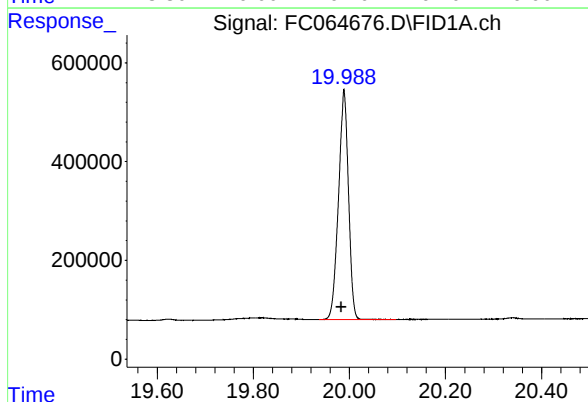
R.T.: 18.473 min
Delta R.T.: 0.005 min
Response: 7275143
Conc: 49.85 ug/ml



#19 n-Tetratriacontane (C34)

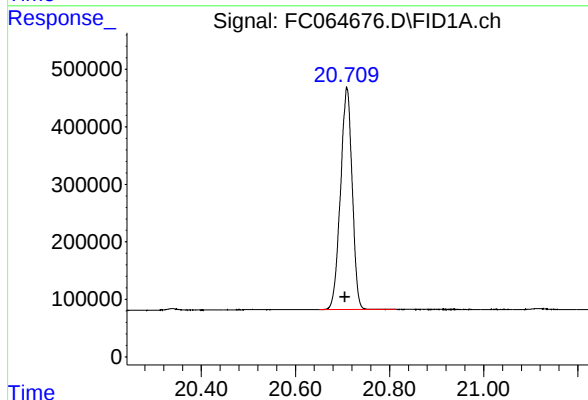
R.T.: 19.253 min
Delta R.T.: 0.008 min
Response: 7041064
Conc: 49.53 ug/ml

Instrument :
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ClientSampleId :
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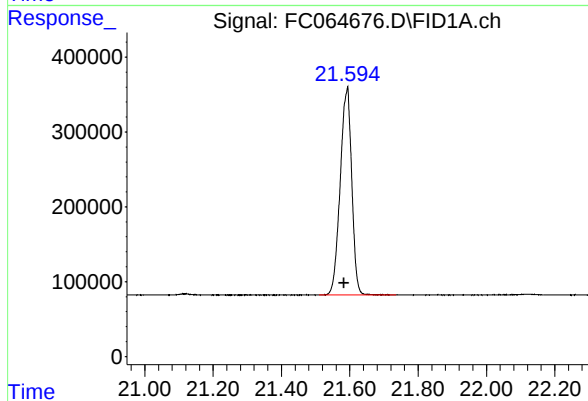
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: 0.005 min
Response: 6710268
Conc: 48.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.004 min
Response: 6654728
Conc: 48.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.010 min
Response: 6483335
Conc: 47.66 ug/ml