

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080124AL\
 Data File : FC066890.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2024 19:05
 Operator : YP/AJ
 Sample : P3390-09
 Misc : 2.5 PPM WATER MDL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 02 02:56:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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...	12.956	3369111	30.131 ug/ml
Spiked Amount 50.000		Recovery =	60.26%
Target Compounds			
1) T n-Nonane (C9)	3.286	194384	1.370 ug/ml
2) T n-Decane (C10)	4.351	239383	1.619 ug/ml
4) T n-Dodecane (C12)	6.367	365224	2.436 ug/ml
6) T n-Tetradecane (C14)	8.161	327644	2.239 ug/ml
7) T n-Hexadecane (C16)	9.761	278794	1.863 ug/ml
8) T n-Octadecane (C18)	11.202	286570	1.931 ug/ml
10) T n-Eicosane (C20)	12.511	294922	2.116 ug/ml
11) T n-Heneicosane (C21)	13.122	267261	1.962 ug/ml
13) T n-Docosane (C22)	13.708	283935	2.114 ug/ml
14) T n-Tetracosane (C24)	14.811	284630	2.140 ug/ml
15) T n-Hexacosane (C26)	15.832	287032	2.206 ug/ml
16) T n-Octacosane (C28)	16.782	287968	2.283 ug/ml
17) T n-Tricontane (C30)	17.668	332595	2.586 ug/ml
18) T n-Dotriacontane (C32)	18.500	338705	2.690 ug/ml
19) T n-Tetratriacontane (C34)	19.283	318918	2.578 ug/ml
20) T n-Hexatriacontane (C36)	20.023	277934	2.389 ug/ml
21) T n-Octatriacontane (C38)	20.751	254162	2.288 ug/ml
22) T n-Tetracontane (C40)	21.645	241603	2.222 ug/ml

(f)=RT Delta > 1/2 Window

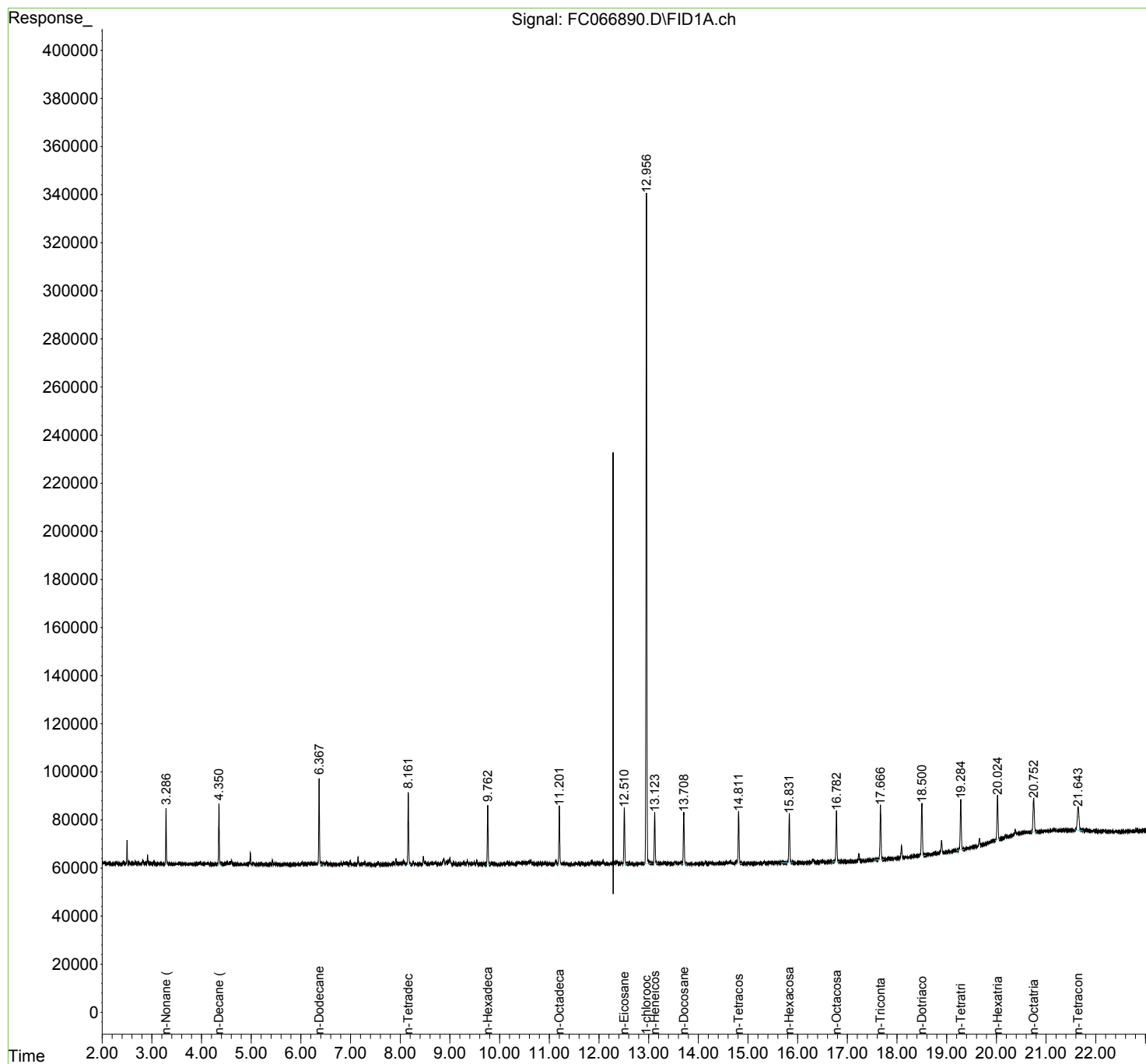
(m)=manual int.

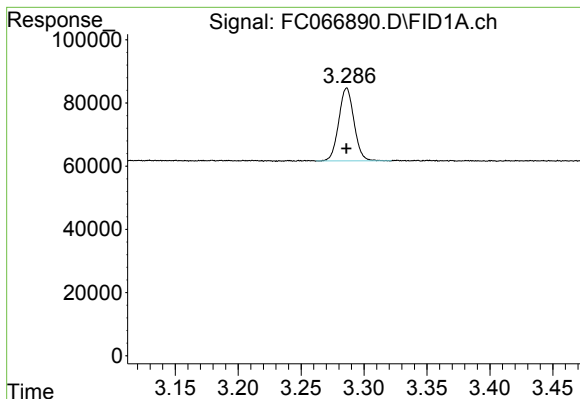
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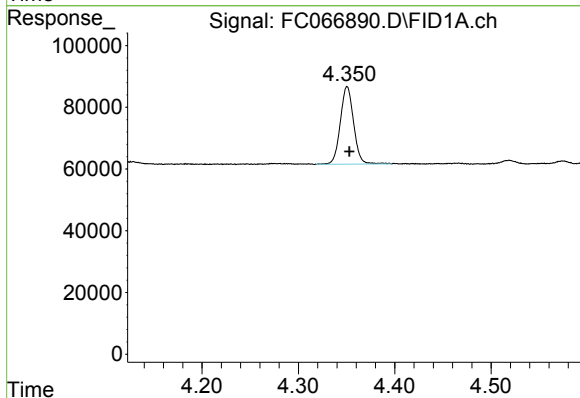




#1 n-Nonane (C9)

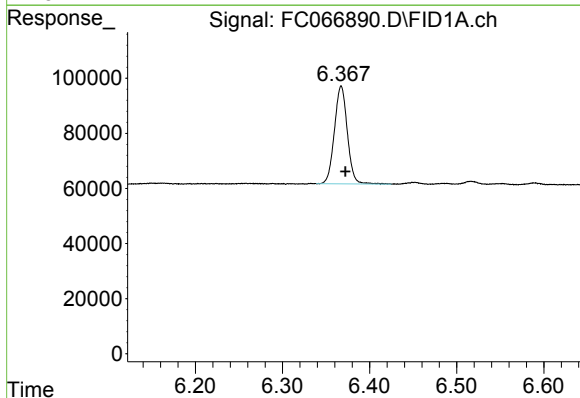
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 194384
Conc: 1.37 ug/ml

Instrument :
FID_C
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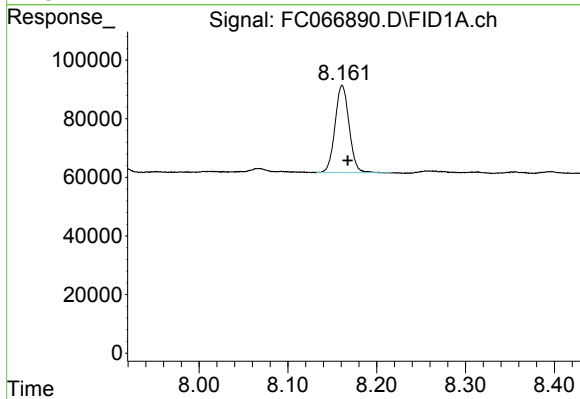
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 239383
Conc: 1.62 ug/ml



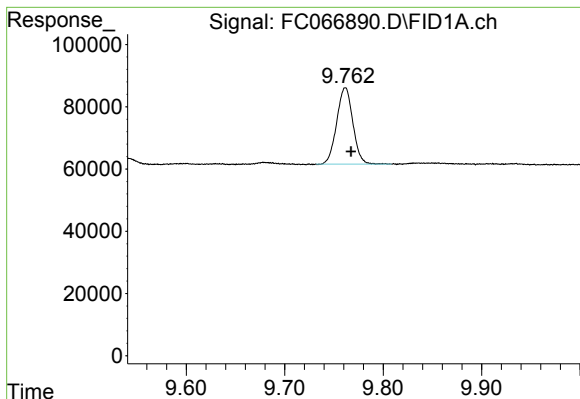
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 365224
Conc: 2.44 ug/ml



#6 n-Tetradecane (C14)

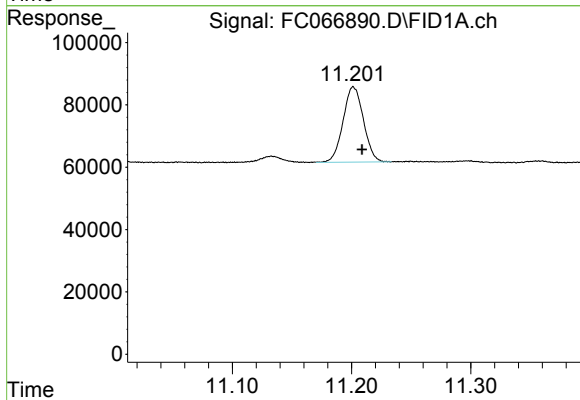
R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 327644
Conc: 2.24 ug/ml



#7 n-Hexadecane (C16)

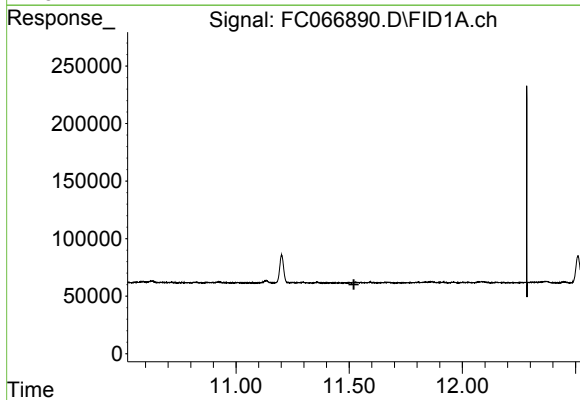
R.T.: 9.761 min
Delta R.T.: -0.006 min
Response: 278794
Conc: 1.86 ug/ml

Instrument :
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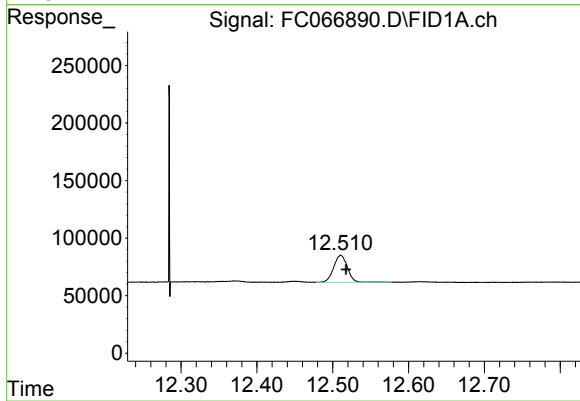
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: -0.007 min
Response: 286570
Conc: 1.93 ug/ml



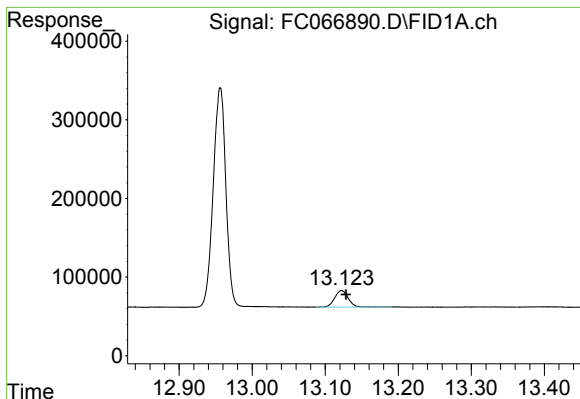
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.521 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

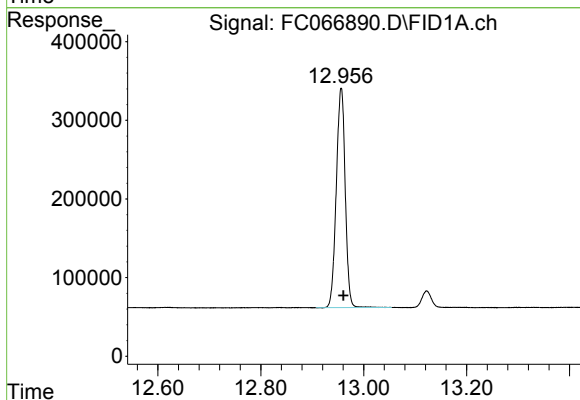
R.T.: 12.511 min
Delta R.T.: -0.007 min
Response: 294922
Conc: 2.12 ug/ml



#11 n-Heneicosane (C21)

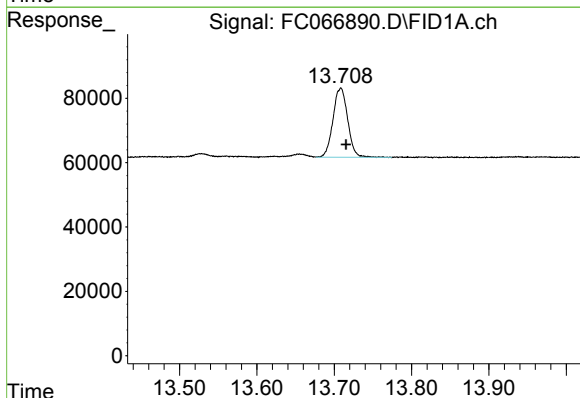
R.T.: 13.122 min
Delta R.T.: -0.006 min
Response: 267261
Conc: 1.96 ug/ml

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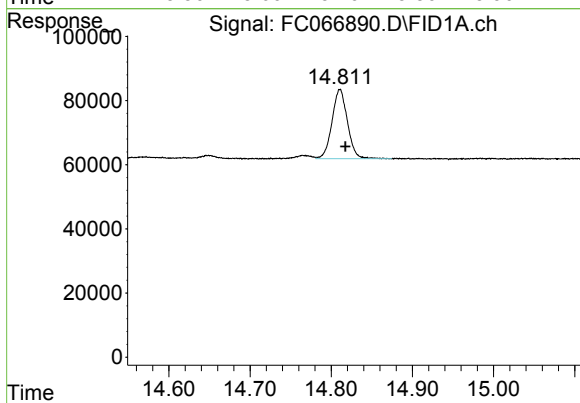
#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 3369111
Conc: 30.13 ug/ml



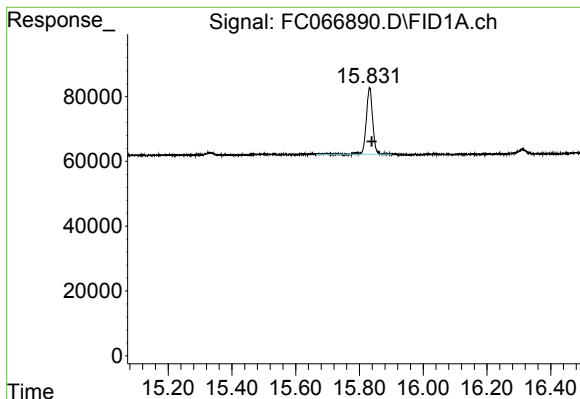
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.007 min
Response: 283935
Conc: 2.11 ug/ml



#14 n-Tetracosane (C24)

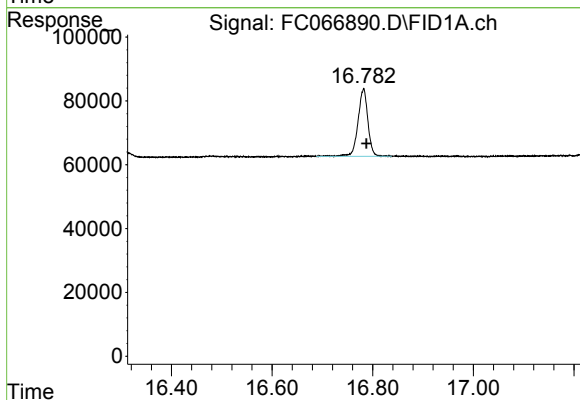
R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 284630
Conc: 2.14 ug/ml



#15 n-Hexacosane (C26)

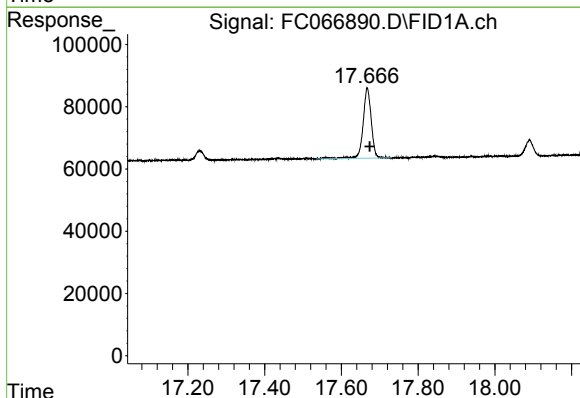
R.T.: 15.832 min
Delta R.T.: -0.006 min
Response: 287032
Conc: 2.21 ug/ml

Instrument :
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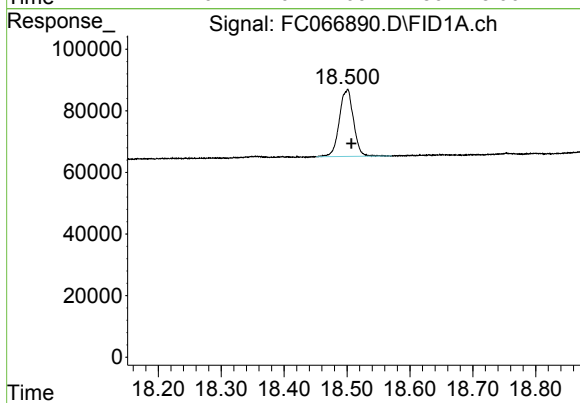
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.006 min
Response: 287968
Conc: 2.28 ug/ml



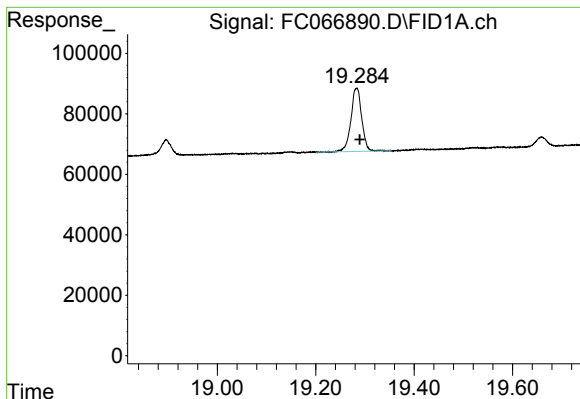
#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: -0.007 min
Response: 332595
Conc: 2.59 ug/ml



#18 n-Dotriacontane (C32)

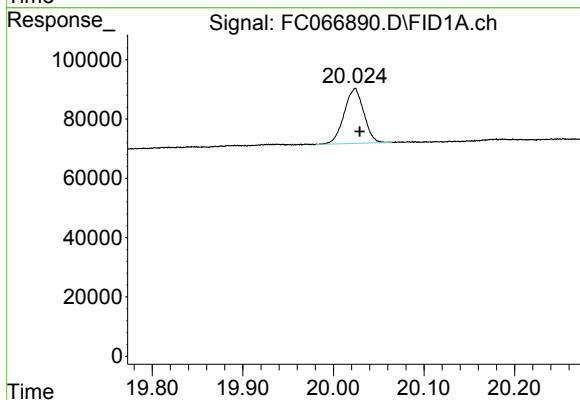
R.T.: 18.500 min
Delta R.T.: -0.007 min
Response: 338705
Conc: 2.69 ug/ml



#19 n-Tetratriacontane (C34)

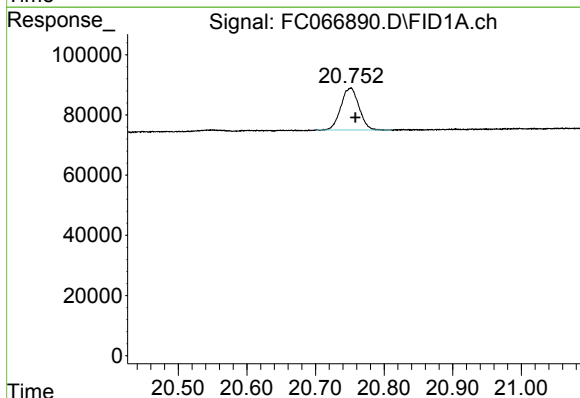
R.T.: 19.283 min
Delta R.T.: -0.007 min
Response: 318918
Conc: 2.58 ug/ml

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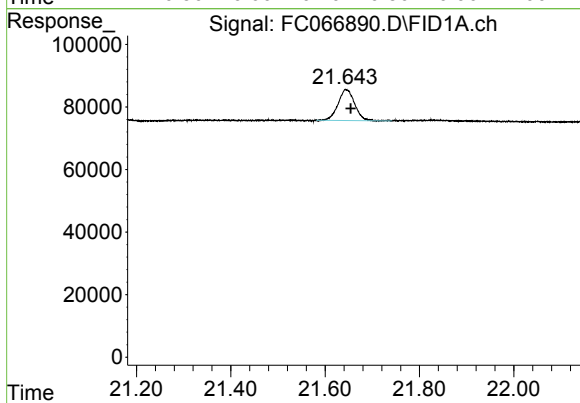
#20 n-Hexatriacontane (C36)

R.T.: 20.023 min
Delta R.T.: -0.006 min
Response: 277934
Conc: 2.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: -0.008 min
Response: 254162
Conc: 2.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: -0.009 min
Response: 241603
Conc: 2.22 ug/ml