

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080323AL\
 Data File : FC064329.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2023 12:57
 Operator : YP/AJ
 Sample : 03572-01
 Misc : LOD 2.5 PPM
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 05 02:00:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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...	12.950	4964319	39.365 ug/ml
Spiked Amount 50.000		Recovery =	78.73%
Target Compounds			
1) T n-Nonane (C9)	3.310	313825	1.934 ug/ml
2) T n-Decane (C10)	4.370	392756	2.402 ug/ml
4) T n-Dodecane (C12)	6.381	491865	3.013 ug/ml
6) T n-Tetradecane (C14)	8.170	496266	3.161 ug/ml
7) T n-Hexadecane (C16)	9.766	488197	3.105 ug/ml
8) T n-Octadecane (C18)	11.203	545953	3.446 ug/ml
10) T n-Eicosane (C20)	12.507	553591	3.709 ug/ml
11) T n-Heneicosane (C21)	13.117	517087	3.543 ug/ml
13) T n-Docosane (C22)	13.702	519075	3.637 ug/ml
14) T n-Tetracosane (C24)	14.800	508896	3.623 ug/ml
15) T n-Hexacosane (C26)	15.817	502583	3.660 ug/ml
16) T n-Octacosane (C28)	16.762	520328	3.880 ug/ml
17) T n-Tricontane (C30)	17.645	545437	3.930 ug/ml
18) T n-Dotriacontane (C32)	18.475	554346	3.939 ug/ml
19) T n-Tetratriacontane (C34)	19.254	535296	3.855 ug/ml
20) T n-Hexatriacontane (C36)	19.991	478920	3.530 ug/ml
21) T n-Octatriacontane (C38)	20.714	440335	3.246 ug/ml
22) T n-Tetracontane (C40)	21.596	373607	2.781 ug/ml

(f)=RT Delta > 1/2 Window

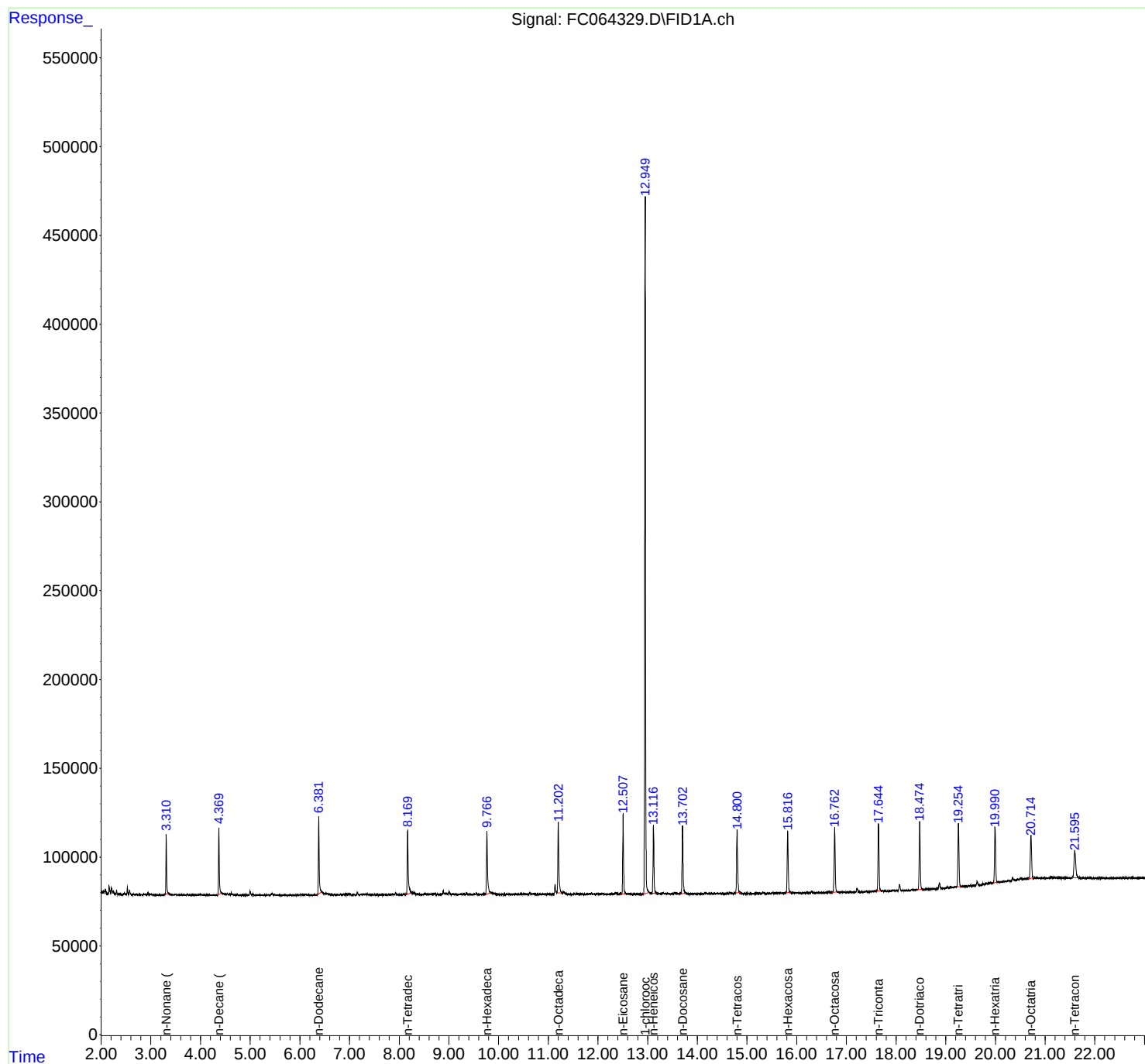
(m)=manual int.

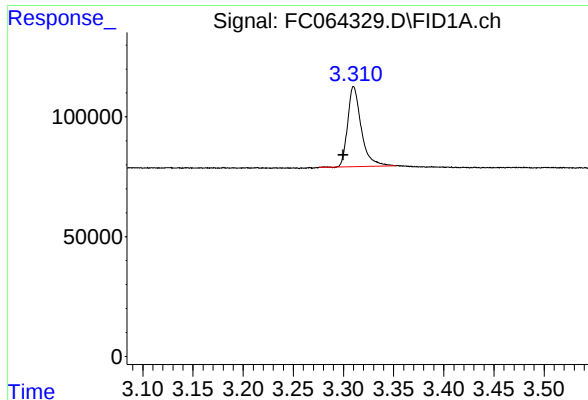
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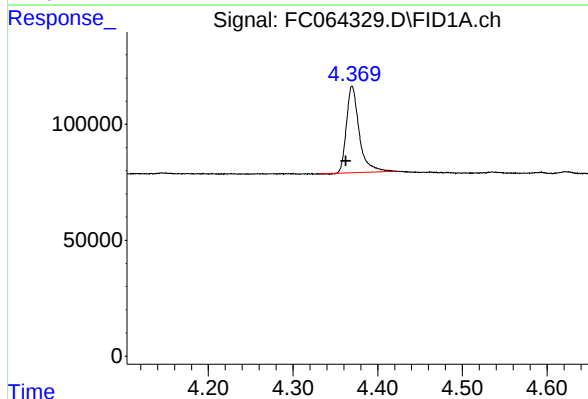




#1 n-Nonane (C9)

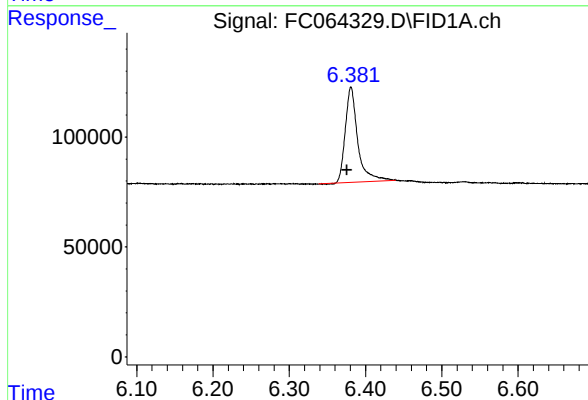
R.T.: 3.310 min
Delta R.T.: 0.010 min
Response: 313825
Conc: 1.93 ug/ml

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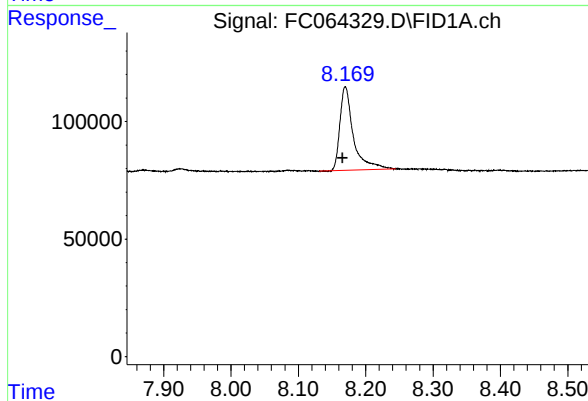
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.007 min
Response: 392756
Conc: 2.40 ug/ml



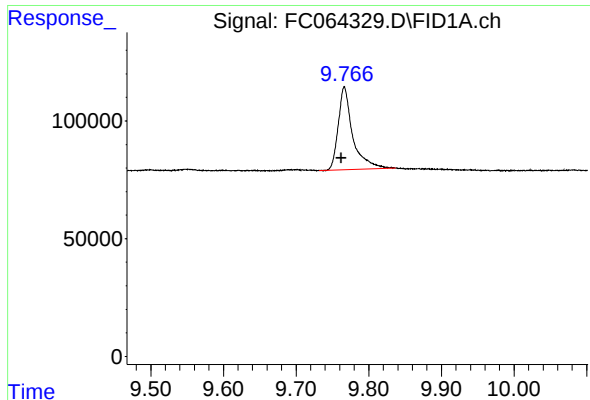
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: 0.005 min
Response: 491865
Conc: 3.01 ug/ml



#6 n-Tetradecane (C14)

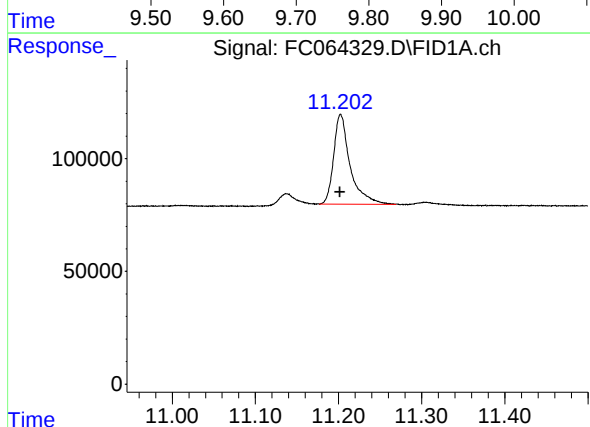
R.T.: 8.170 min
Delta R.T.: 0.004 min
Response: 496266
Conc: 3.16 ug/ml



#7 n-Hexadecane (C16)

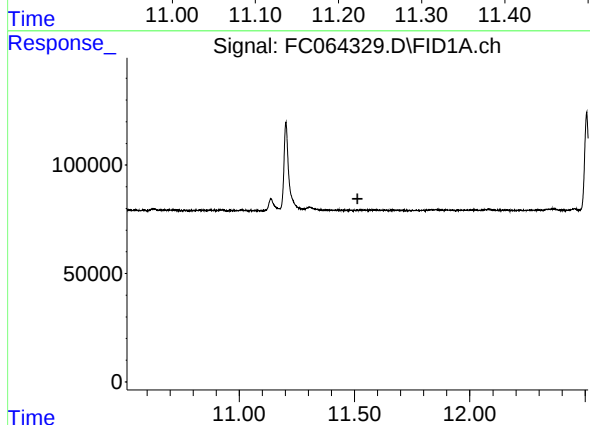
R.T.: 9.766 min
Delta R.T.: 0.004 min
Response: 488197
Conc: 3.10 ug/ml

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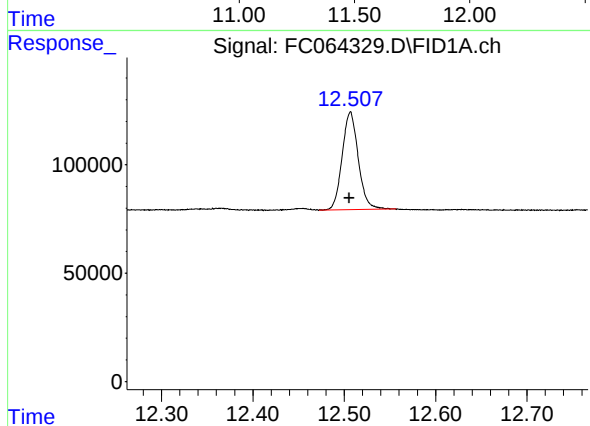
#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: 0.000 min
Response: 545953
Conc: 3.45 ug/ml



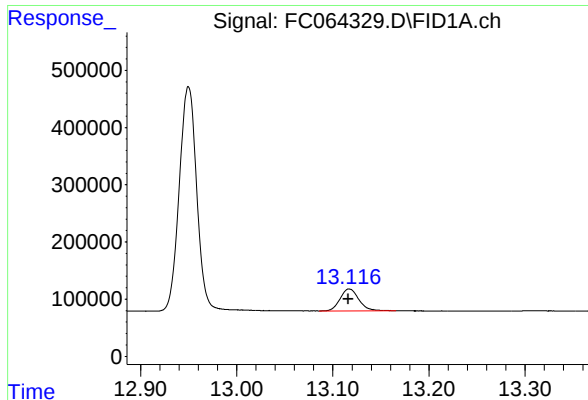
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.513 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

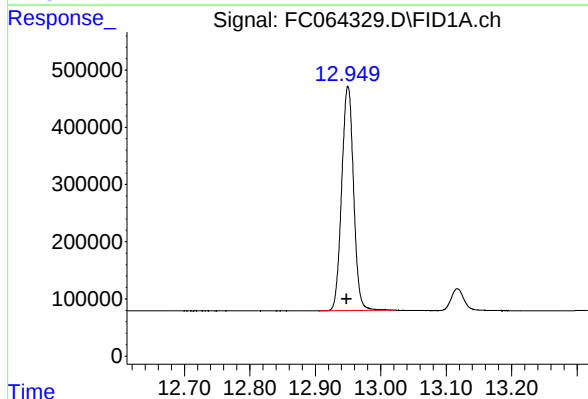
R.T.: 12.507 min
Delta R.T.: 0.001 min
Response: 553591
Conc: 3.71 ug/ml



#11 n-Heneicosane (C21)

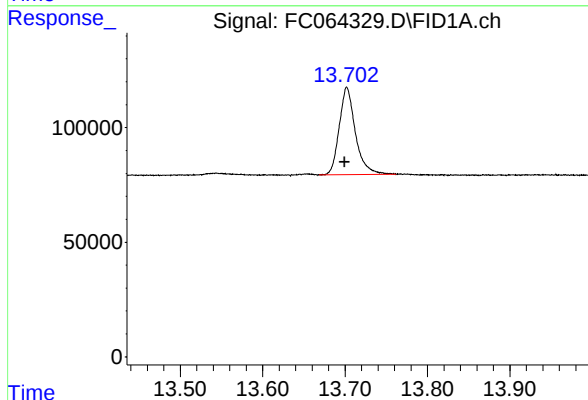
R.T.: 13.117 min
Delta R.T.: 0.001 min
Response: 517087
Conc: 3.54 ug/ml

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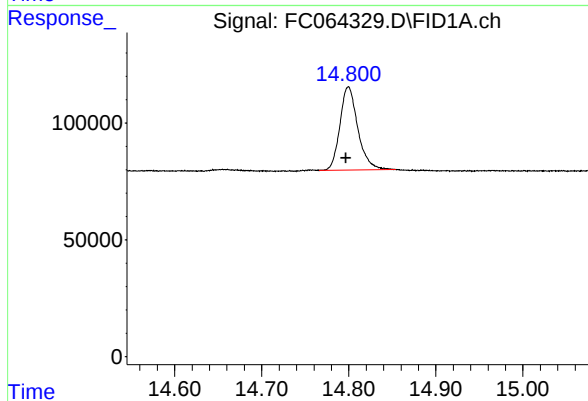
#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 4964319
Conc: 39.36 ug/ml



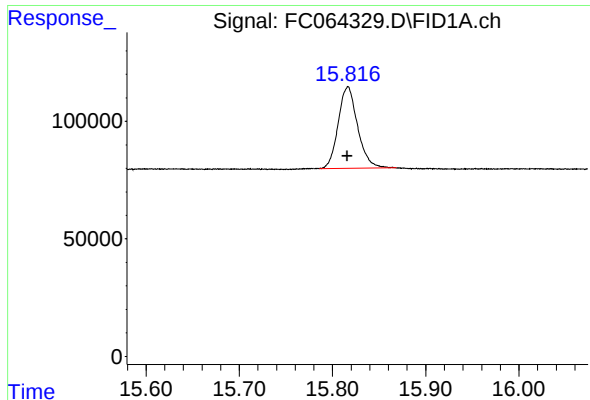
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.003 min
Response: 519075
Conc: 3.64 ug/ml



#14 n-Tetracosane (C24)

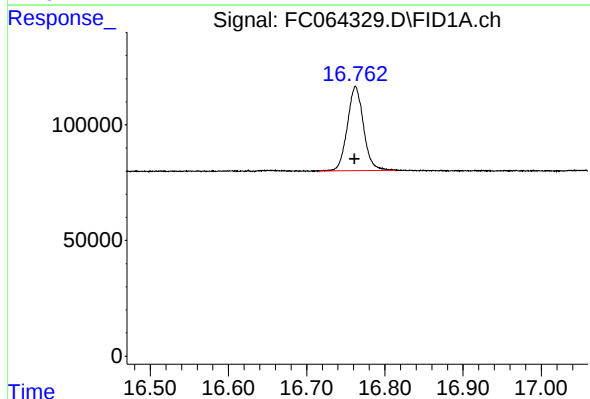
R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 508896
Conc: 3.62 ug/ml



#15 n-Hexacosane (C26)

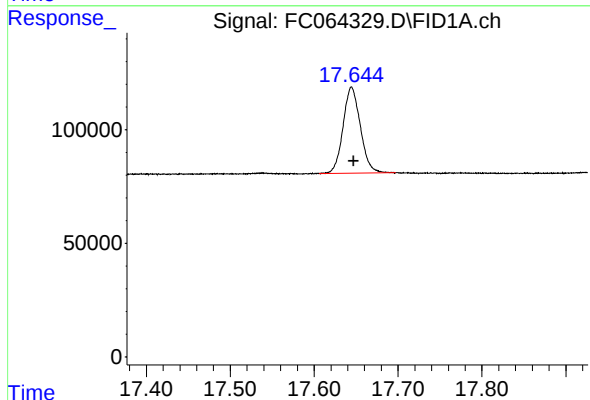
R.T.: 15.817 min
Delta R.T.: 0.000 min
Response: 502583
Conc: 3.66 ug/ml

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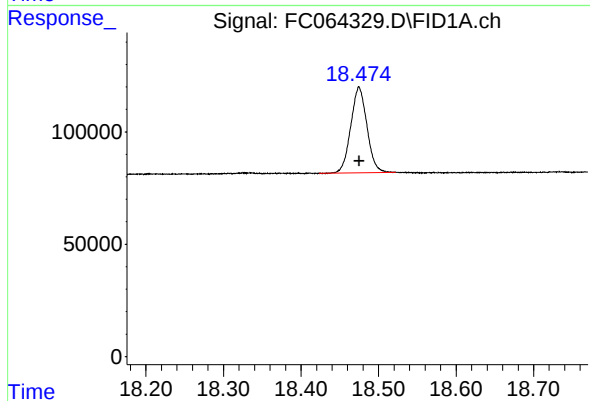
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 520328
Conc: 3.88 ug/ml



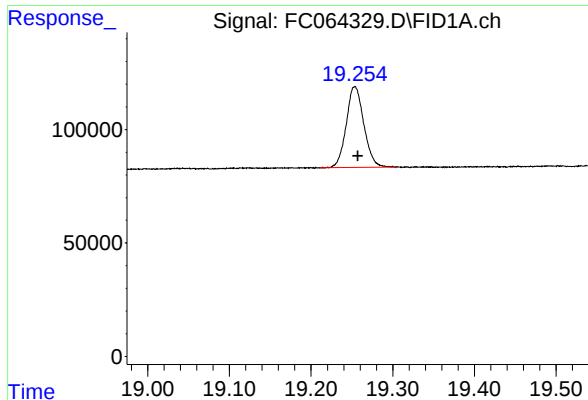
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 545437
Conc: 3.93 ug/ml



#18 n-Dotriacontane (C32)

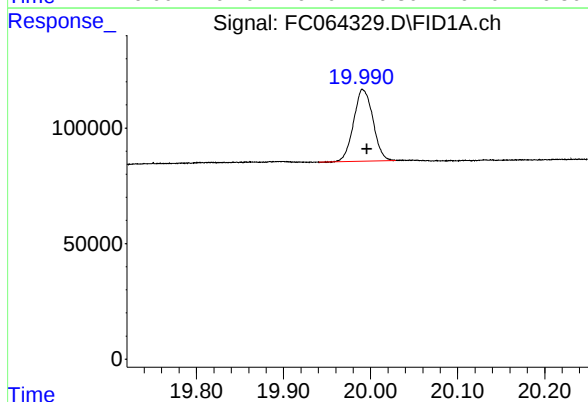
R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 554346
Conc: 3.94 ug/ml



#19 n-Tetratriacontane (C34)

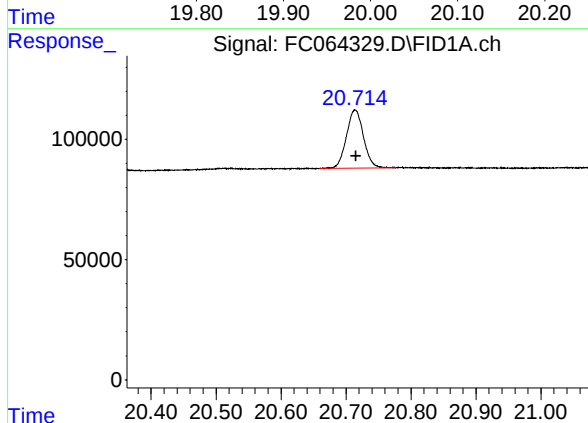
R.T.: 19.254 min
Delta R.T.: -0.004 min
Response: 535296
Conc: 3.86 ug/ml

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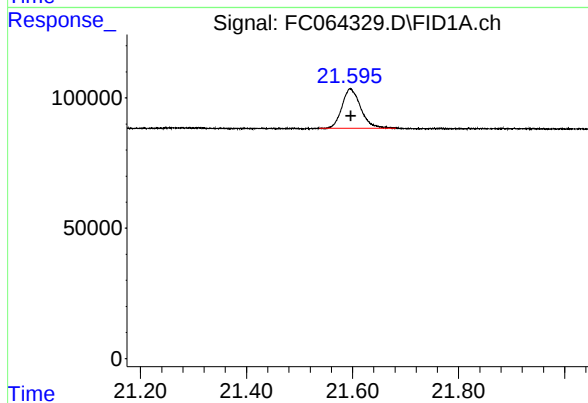
#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: -0.005 min
Response: 478920
Conc: 3.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 440335
Conc: 3.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: -0.001 min
Response: 373607
Conc: 2.78 ug/ml