

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061043.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 13:54
 Operator : YP/AJ
 Sample : N3980-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Integration File: autoint1.e
 Quant Time: Aug 10 14:22:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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...	11.997	4065918	30.627 ug/ml
Spiked Amount 50.000		Recovery =	61.25%
Target Compounds			
1) T n-Nonane (C9)	2.645	286772	2.036 ug/ml
2) T n-Decane (C10)	3.639	382629	2.712 ug/ml
4) T n-Dodecane (C12)	5.580	512356	3.457 ug/ml
6) T n-Tetradecane (C14)	7.323	557260	3.712 ug/ml
7) T n-Hexadecane (C16)	8.882	541705	3.540 ug/ml
8) T n-Octadecane (C18)	10.285	583425	3.736 ug/ml
10) T n-Eicosane (C20)	11.561	602160	3.837 ug/ml
11) T n-Heneicosane (C21)	12.158	643801	4.115 ug/ml
13) T n-Docosane (C22)	12.729	651615	4.179 ug/ml
14) T n-Tetracosane (C24)	13.803	622578	4.078 ug/ml
15) T n-Hexacosane (C26)	14.799	557924	3.738 ug/ml
16) T n-Octacosane (C28)	15.724	521514	3.639 ug/ml
17) T n-Tricontane (C30)	16.590	509701	3.641 ug/ml
18) T n-Dotriacontane (C32)	17.401	534918	3.963 ug/ml
19) T n-Tetratriacontane (C34)	18.164	505169	4.028 ug/ml
20) T n-Hexatriacontane (C36)	18.884	493557	4.038 ug/ml
21) T n-Octatriacontane (C38)	19.566	470081	3.983 ug/ml
22) T n-Tetracontane (C40)	20.214	560099	4.866 ug/ml

(f)=RT Delta > 1/2 Window

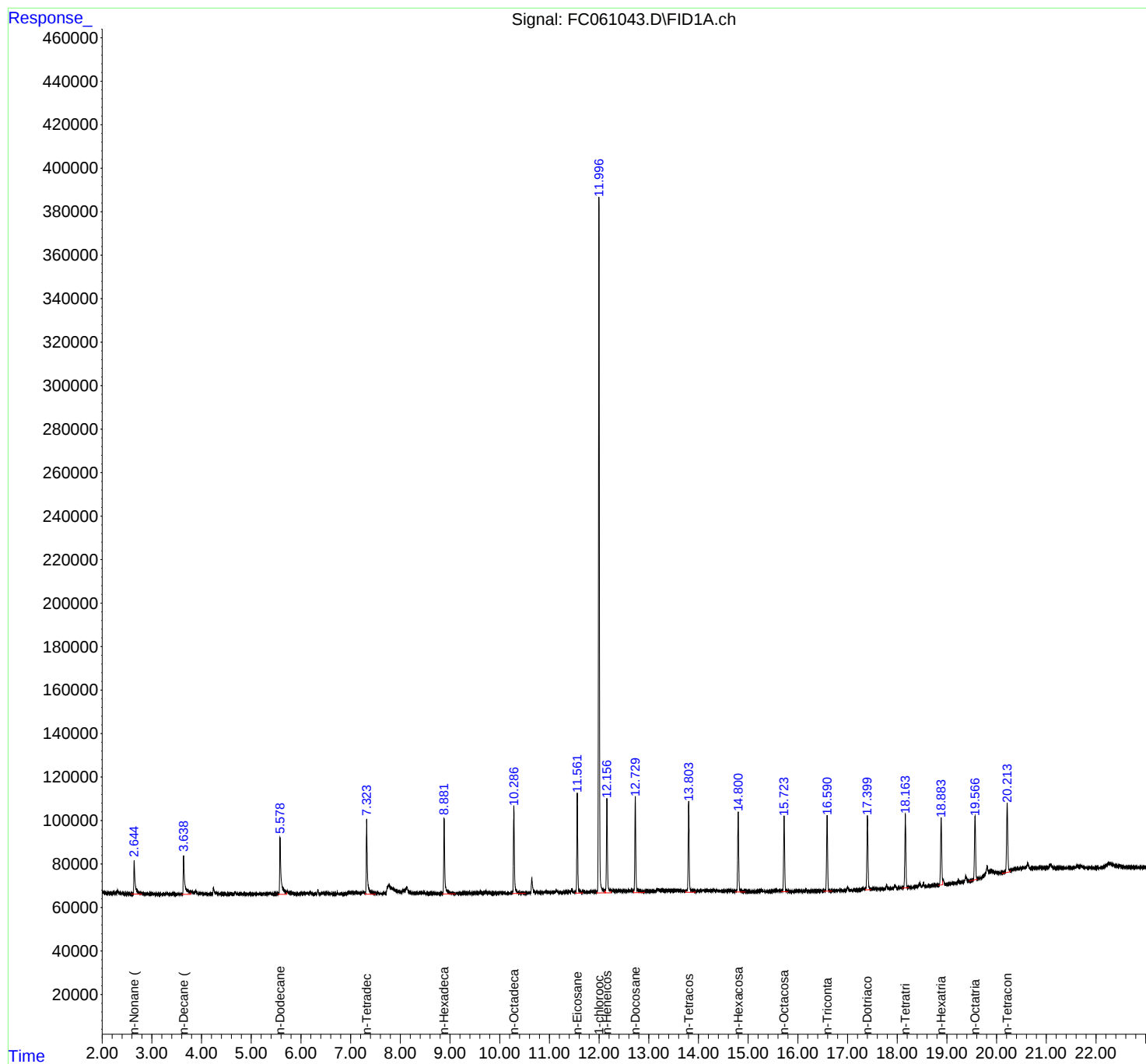
(m)=manual int.

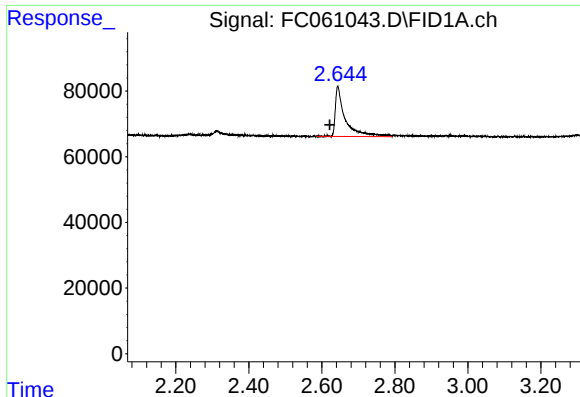
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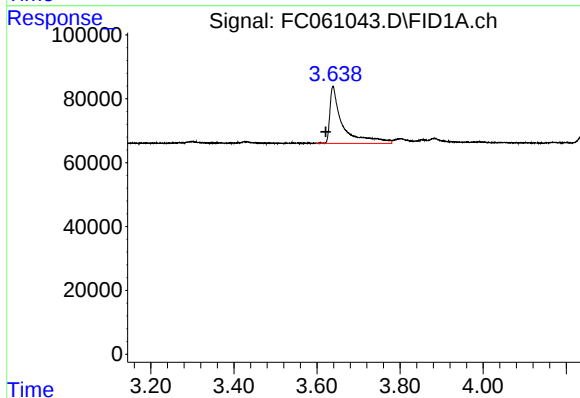




#1 n-Nonane (C9)

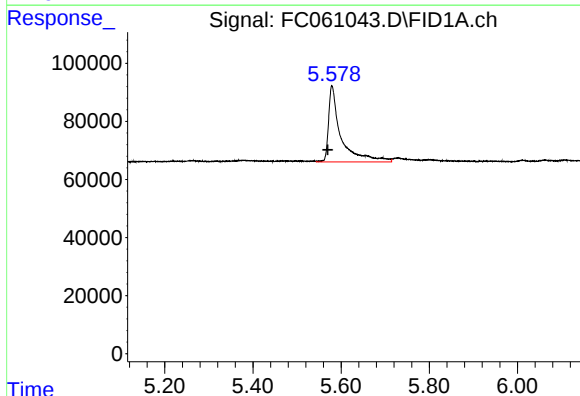
R.T.: 2.645 min
Delta R.T.: 0.023 min
Response: 286772
Conc: 2.04 ug/ml

Instrument :
FID_C
ClientSampleId :
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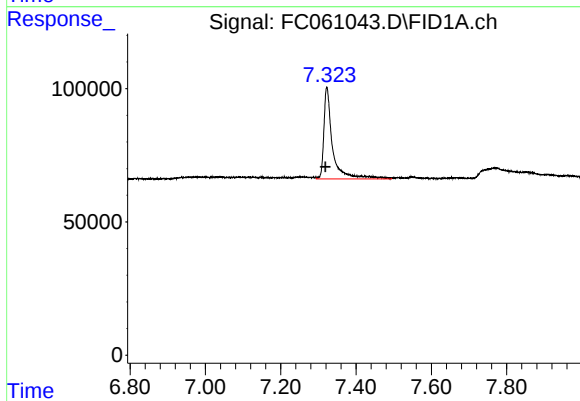
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: 0.018 min
Response: 382629
Conc: 2.71 ug/ml



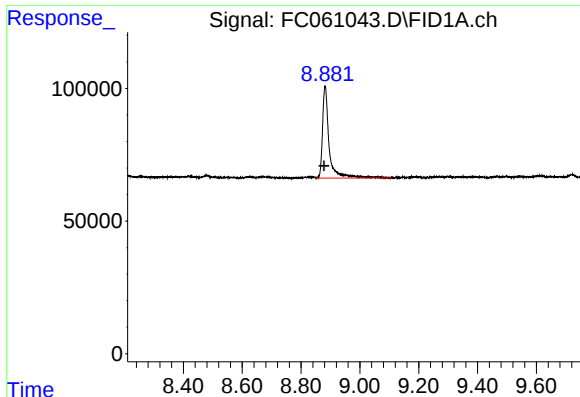
#4 n-Dodecane (C12)

R.T.: 5.580 min
Delta R.T.: 0.010 min
Response: 512356
Conc: 3.46 ug/ml



#6 n-Tetradecane (C14)

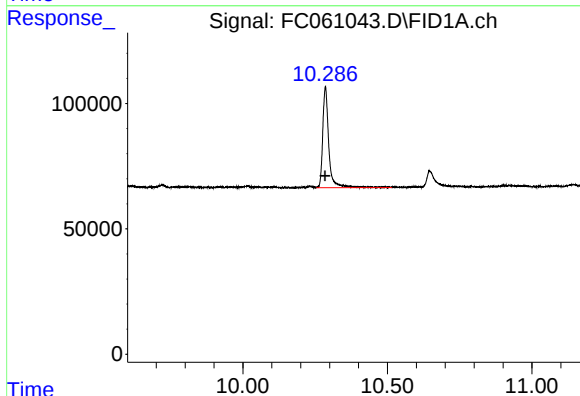
R.T.: 7.323 min
Delta R.T.: 0.004 min
Response: 557260
Conc: 3.71 ug/ml



#7 n-Hexadecane (C16)

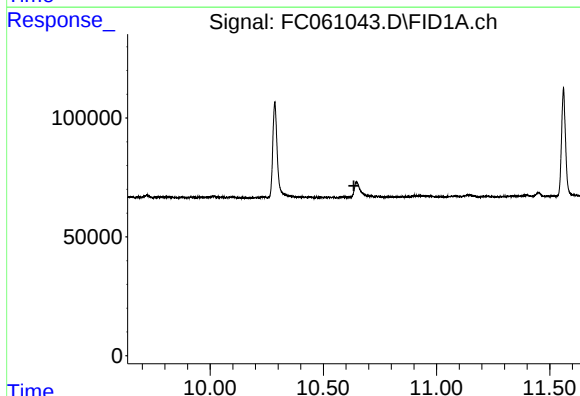
R.T.: 8.882 min
Delta R.T.: 0.003 min
Response: 541705
Conc: 3.54 ug/ml

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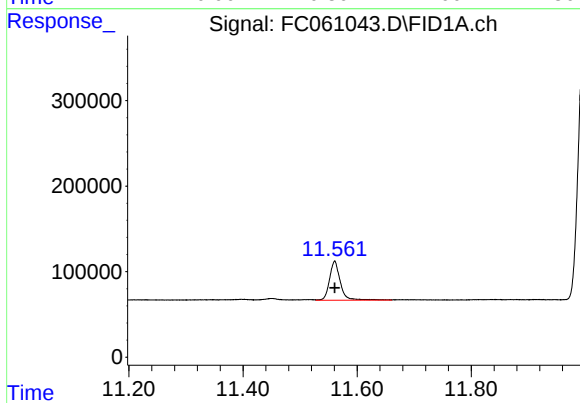
#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.002 min
Response: 583425
Conc: 3.74 ug/ml



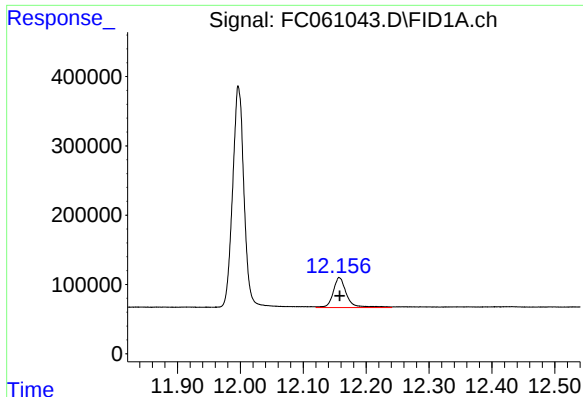
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

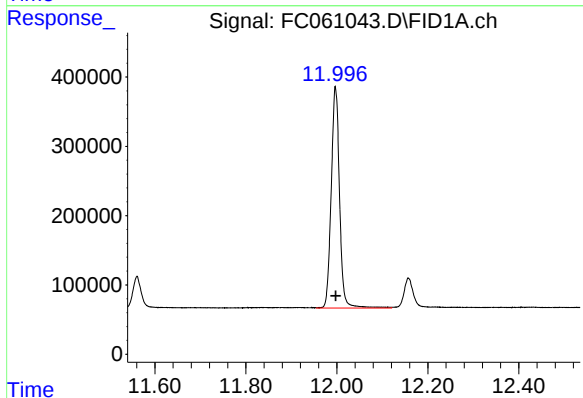
R.T.: 11.561 min
Delta R.T.: 0.000 min
Response: 602160
Conc: 3.84 ug/ml



#11 n-Heneicosane (C21)

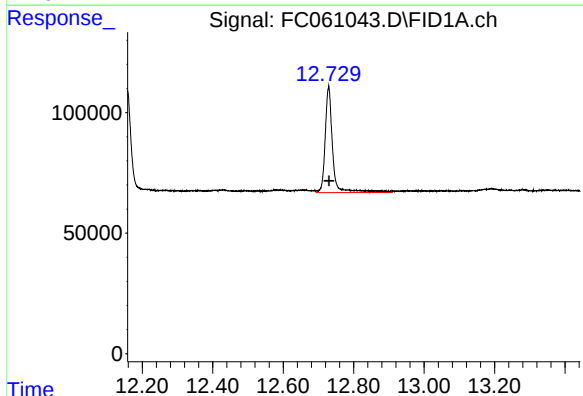
R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 643801
Conc: 4.11 ug/ml

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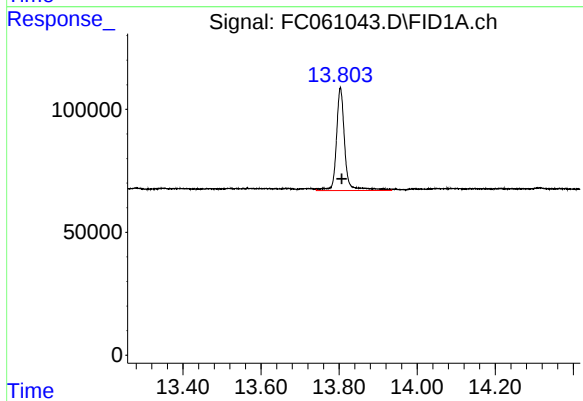
#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 4065918
Conc: 30.63 ug/ml



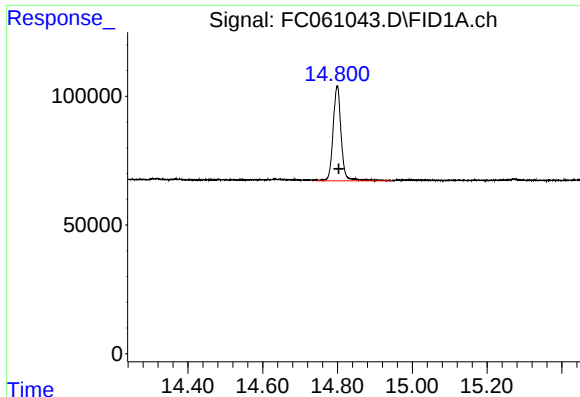
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 651615
Conc: 4.18 ug/ml



#14 n-Tetracosane (C24)

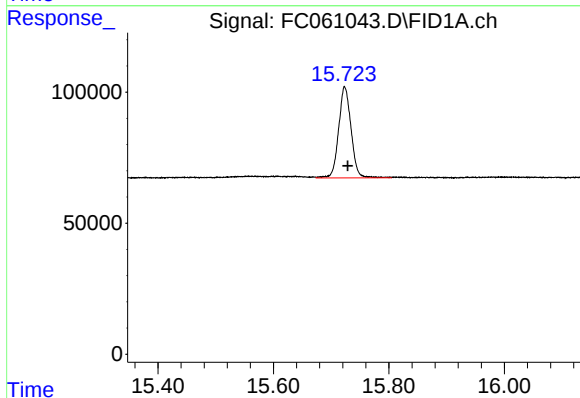
R.T.: 13.803 min
Delta R.T.: -0.003 min
Response: 622578
Conc: 4.08 ug/ml



#15 n-Hexacosane (C26)

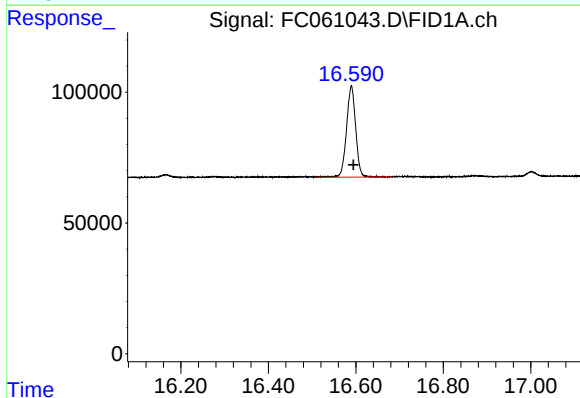
R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 557924
Conc: 3.74 ug/ml

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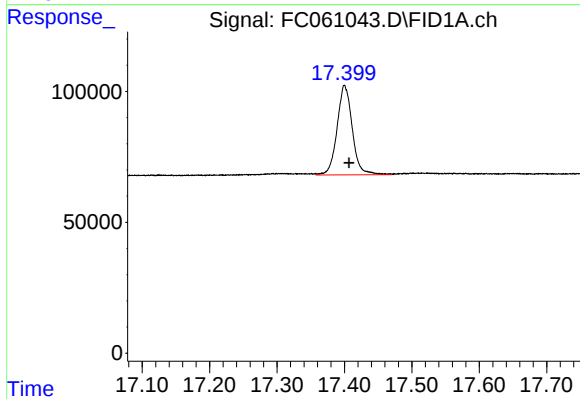
#16 n-Octacosane (C28)

R.T.: 15.724 min
Delta R.T.: -0.005 min
Response: 521514
Conc: 3.64 ug/ml



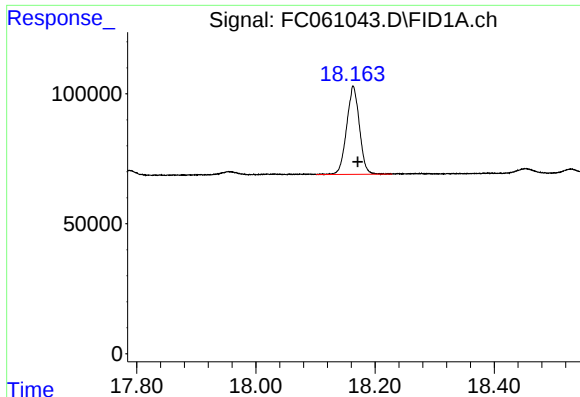
#17 n-Tricontane (C30)

R.T.: 16.590 min
Delta R.T.: -0.005 min
Response: 509701
Conc: 3.64 ug/ml



#18 n-Dotriacontane (C32)

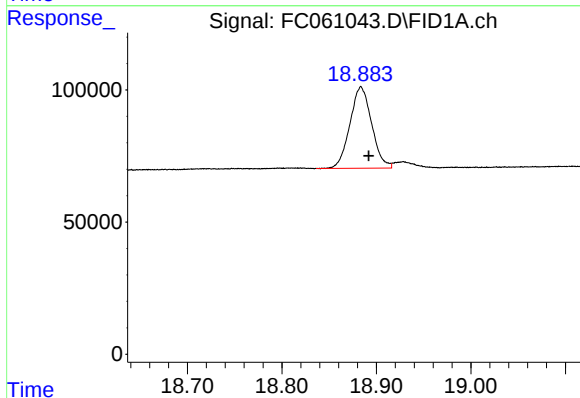
R.T.: 17.401 min
Delta R.T.: -0.007 min
Response: 534918
Conc: 3.96 ug/ml



#19 n-Tetratriacontane (C34)

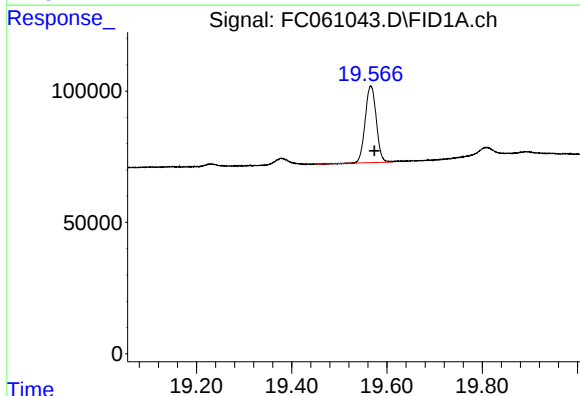
R.T.: 18.164 min
Delta R.T.: -0.007 min
Response: 505169
Conc: 4.03 ug/ml

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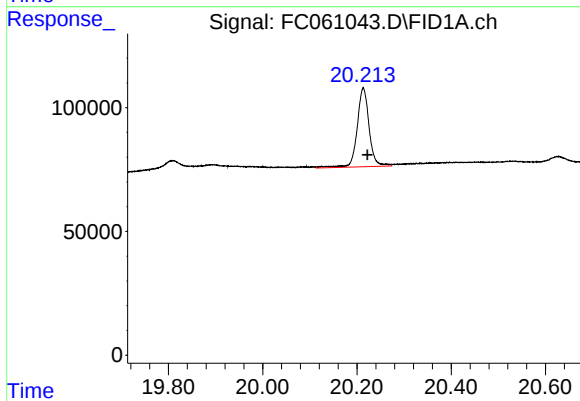
#20 n-Hexatriacontane (C36)

R.T.: 18.884 min
Delta R.T.: -0.008 min
Response: 493557
Conc: 4.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.566 min
Delta R.T.: -0.008 min
Response: 470081
Conc: 3.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.214 min
Delta R.T.: -0.008 min
Response: 560099
Conc: 4.87 ug/ml