

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061045.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 15:30
 Operator : YP/AJ
 Sample : N3980-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Integration File: autoint1.e
 Quant Time: Aug 10 15:54:18 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...	11.996	3630394	27.347 ug/ml
Spiked Amount 50.000		Recovery =	54.69%
Target Compounds			
1) T n-Nonane (C9)	2.644	211477	1.502 ug/ml
2) T n-Decane (C10)	3.640	272185	1.929 ug/ml
4) T n-Dodecane (C12)	5.581	398725	2.690 ug/ml
6) T n-Tetradecane (C14)	7.325	412538	2.748 ug/ml
7) T n-Hexadecane (C16)	8.882	418264	2.733 ug/ml
8) T n-Octadecane (C18)	10.284	492163	3.152 ug/ml
10) T n-Eicosane (C20)	11.559	500001	3.186 ug/ml
11) T n-Heneicosane (C21)	12.156	501492	3.205 ug/ml
13) T n-Docosane (C22)	12.727	501880	3.219 ug/ml
14) T n-Tetracosane (C24)	13.803	492225	3.224 ug/ml
15) T n-Hexacosane (C26)	14.798	480884	3.222 ug/ml
16) T n-Octacosane (C28)	15.724	474793	3.313 ug/ml
17) T n-Tricontane (C30)	16.589	487240	3.480 ug/ml
18) T n-Dotriacontane (C32)	17.401	497641	3.687 ug/ml
19) T n-Tetratriacontane (C34)	18.164	480943	3.835 ug/ml
20) T n-Hexatriacontane (C36)	18.885	450016	3.682 ug/ml
21) T n-Octatriacontane (C38)	19.565	436439	3.698 ug/ml
22) T n-Tetracontane (C40)	20.212	428370	3.722 ug/ml

(f)=RT Delta > 1/2 Window

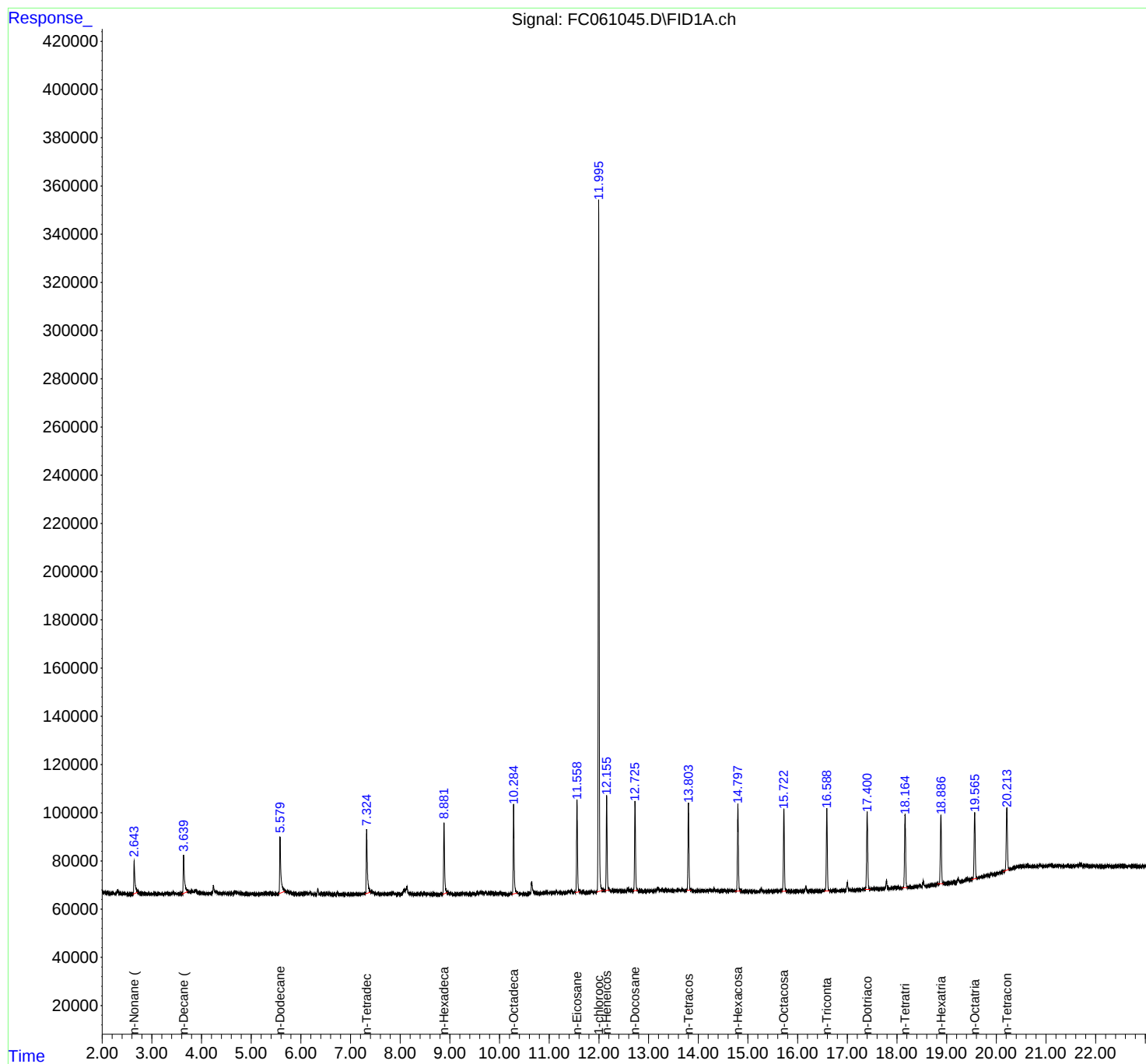
(m)=manual int.

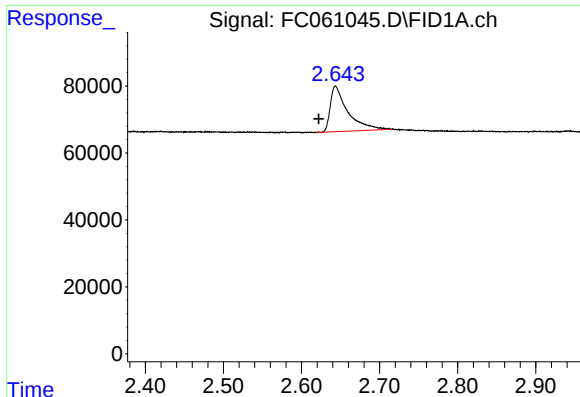
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#1 n-Nonane (C9)

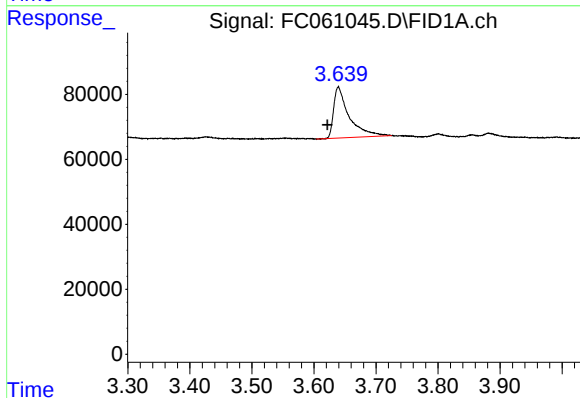
R.T.: 2.644 min
Delta R.T.: 0.022 min
Response: 211477
Conc: 1.50 ug/ml

Instrument :

FID_C

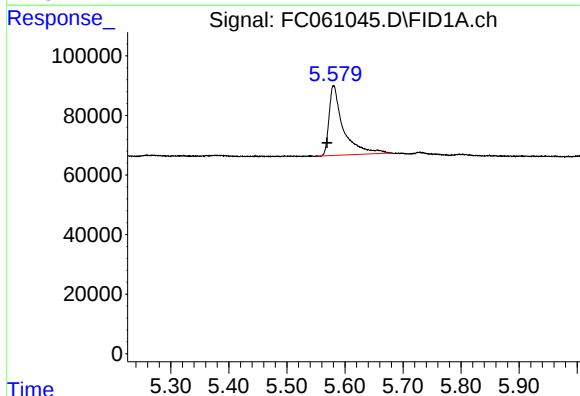
ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



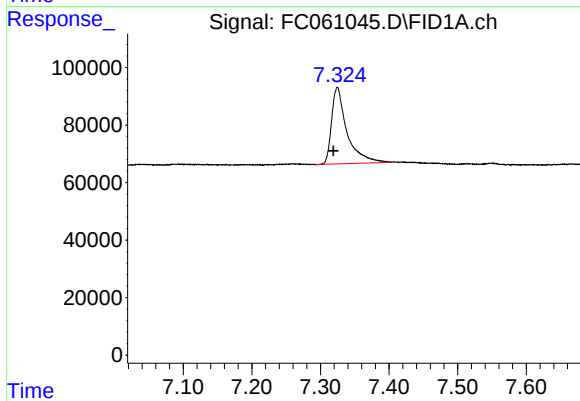
#2 n-Decane (C10)

R.T.: 3.640 min
Delta R.T.: 0.018 min
Response: 272185
Conc: 1.93 ug/ml



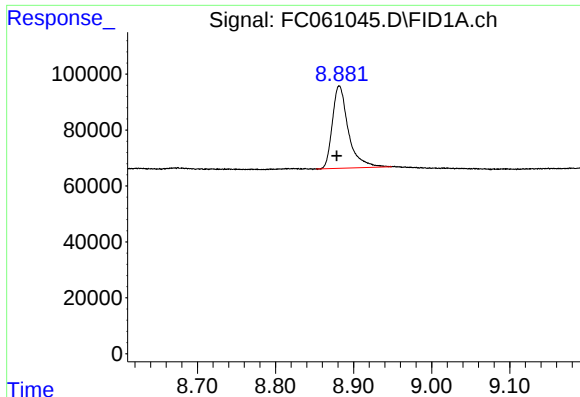
#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: 0.011 min
Response: 398725
Conc: 2.69 ug/ml



#6 n-Tetradecane (C14)

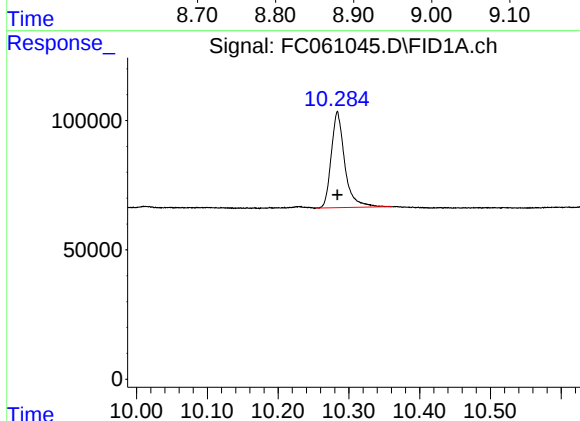
R.T.: 7.325 min
Delta R.T.: 0.006 min
Response: 412538
Conc: 2.75 ug/ml



#7 n-Hexadecane (C16)

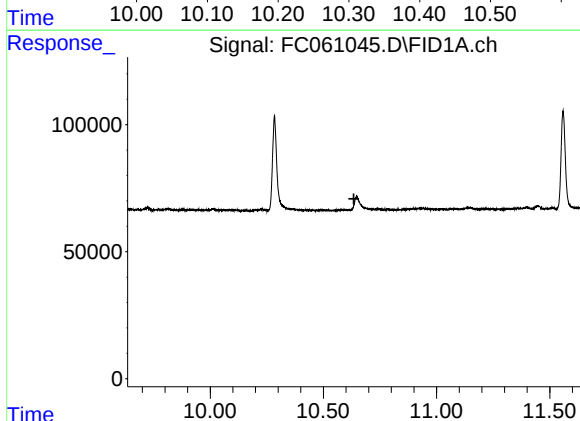
R.T.: 8.882 min
Delta R.T.: 0.003 min
Response: 418264
Conc: 2.73 ug/ml

Instrument :
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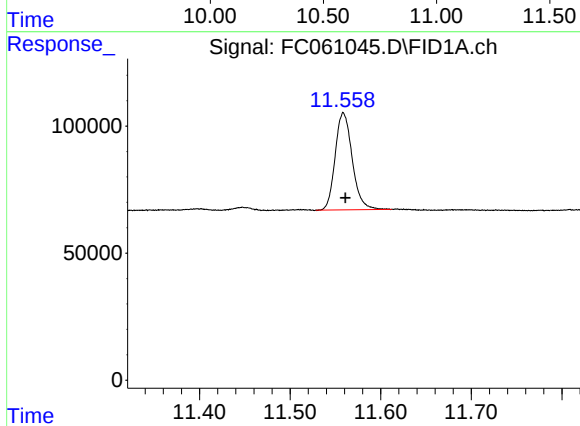
#8 n-Octadecane (C18)

R.T.: 10.284 min
Delta R.T.: 0.000 min
Response: 492163
Conc: 3.15 ug/ml



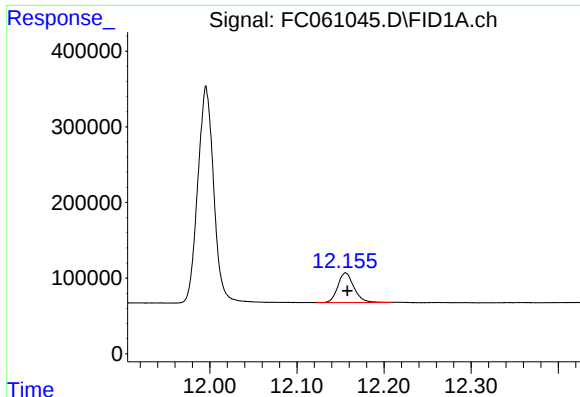
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

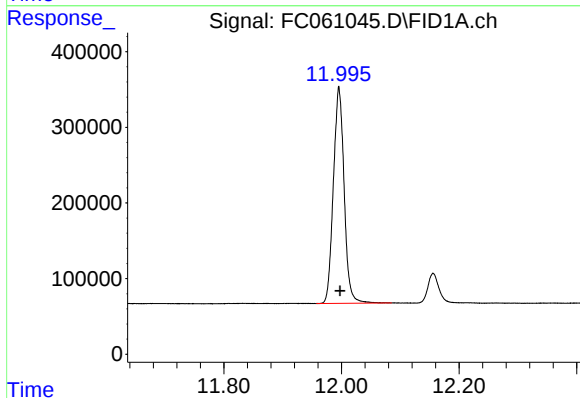
R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 500001
Conc: 3.19 ug/ml



#11 n-Heneicosane (C21)

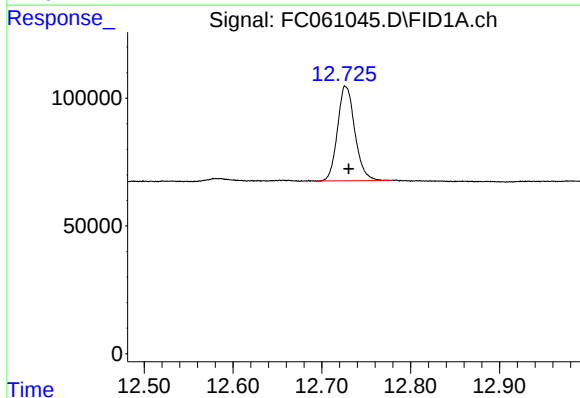
R.T.: 12.156 min
Delta R.T.: -0.002 min
Response: 501492
Conc: 3.21 ug/ml

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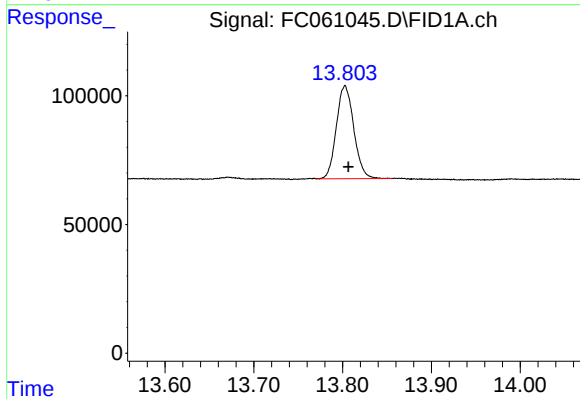
#12 1-chlorooctadecane (SURR)

R.T.: 11.996 min
Delta R.T.: -0.002 min
Response: 3630394
Conc: 27.35 ug/ml



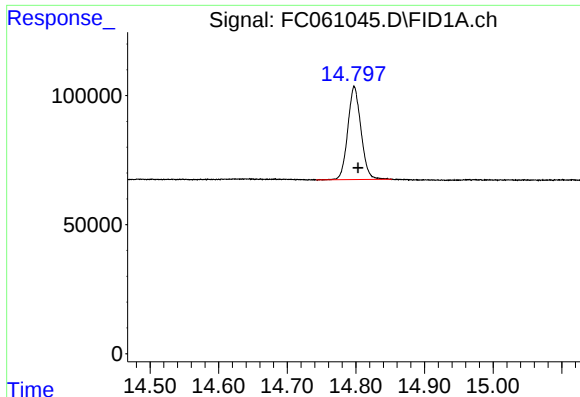
#13 n-Docosane (C22)

R.T.: 12.727 min
Delta R.T.: -0.003 min
Response: 501880
Conc: 3.22 ug/ml



#14 n-Tetracosane (C24)

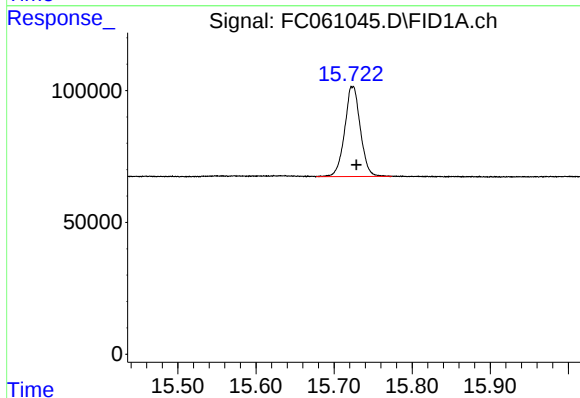
R.T.: 13.803 min
Delta R.T.: -0.004 min
Response: 492225
Conc: 3.22 ug/ml



#15 n-Hexacosane (C26)

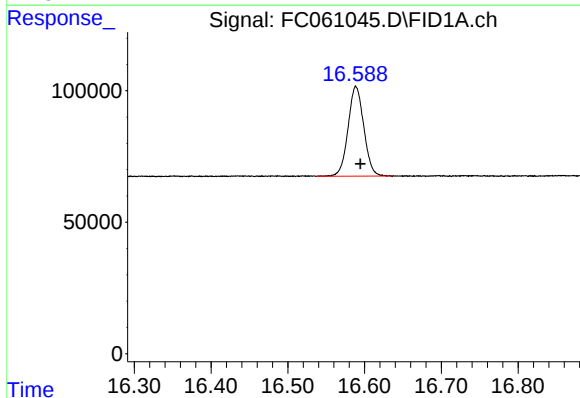
R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 480884
Conc: 3.22 ug/ml

Instrument :
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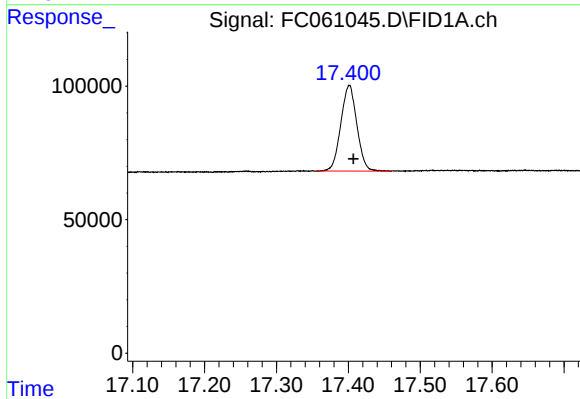
#16 n-Octacosane (C28)

R.T.: 15.724 min
Delta R.T.: -0.005 min
Response: 474793
Conc: 3.31 ug/ml



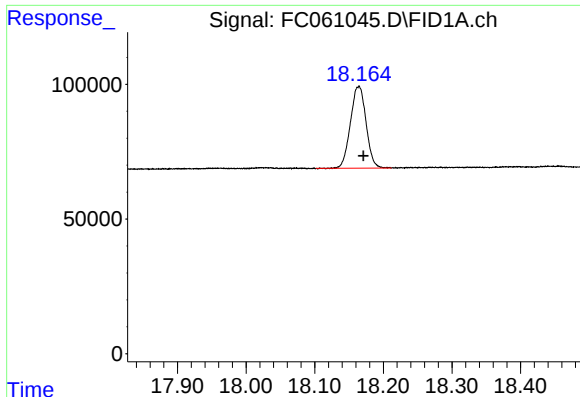
#17 n-Tricontane (C30)

R.T.: 16.589 min
Delta R.T.: -0.006 min
Response: 487240
Conc: 3.48 ug/ml



#18 n-Dotriacontane (C32)

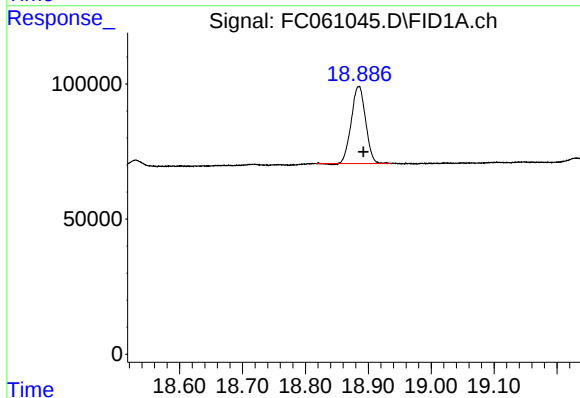
R.T.: 17.401 min
Delta R.T.: -0.006 min
Response: 497641
Conc: 3.69 ug/ml



#19 n-Tetratriacontane (C34)

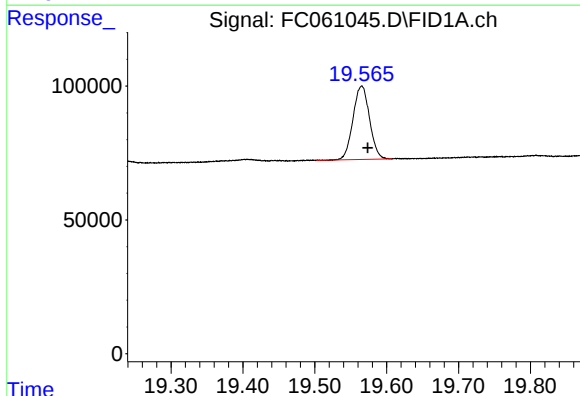
R.T.: 18.164 min
Delta R.T.: -0.007 min
Response: 480943
Conc: 3.83 ug/ml

Instrument :
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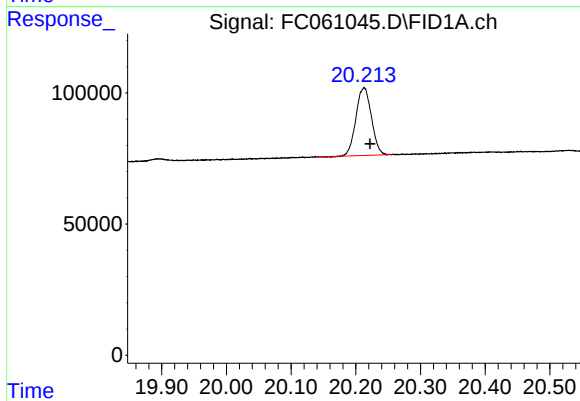
#20 n-Hexatriacontane (C36)

R.T.: 18.885 min
Delta R.T.: -0.007 min
Response: 450016
Conc: 3.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.565 min
Delta R.T.: -0.009 min
Response: 436439
Conc: 3.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.212 min
Delta R.T.: -0.009 min
Response: 428370
Conc: 3.72 ug/ml