

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
 Data File : FC061841.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 23:00
 Operator : YP/AJ
 Sample : N4955-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 19 06:35:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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...	13.023	3453911	29.647 ug/ml
Spiked Amount 50.000		Recovery =	59.29%
Target Compounds			
1) T n-Nonane (C9)	3.341	304671	2.166 ug/ml
2) T n-Decane (C10)	4.408	389875	2.731 ug/ml
4) T n-Dodecane (C12)	6.424	486348	3.350 ug/ml
6) T n-Tetradecane (C14)	8.222	466970	3.212 ug/ml
7) T n-Hexadecane (C16)	9.824	457767	3.143 ug/ml
8) T n-Octadecane (C18)	11.266	499152	3.453 ug/ml
10) T n-Eicosane (C20)	12.576	511301	3.623 ug/ml
11) T n-Heneicosane (C21)	13.188	514901	3.711 ug/ml
13) T n-Docosane (C22)	13.773	509446	3.716 ug/ml
14) T n-Tetracosane (C24)	14.877	499725	3.782 ug/ml
15) T n-Hexacosane (C26)	15.898	473466	3.758 ug/ml
16) T n-Octacosane (C28)	16.847	450473	3.735 ug/ml
17) T n-Tricontane (C30)	17.736	443255	3.725 ug/ml
18) T n-Dotriacontane (C32)	18.567	441710	3.749 ug/ml
19) T n-Tetratriacontane (C34)	19.353	426487	3.775 ug/ml
20) T n-Hexatriacontane (C36)	20.091	408868	3.605 ug/ml
21) T n-Octatriacontane (C38)	20.829	399625	3.552 ug/ml
22) T n-Tetracontane (C40)	21.746	415966	3.705 ug/ml

(f)=RT Delta > 1/2 Window

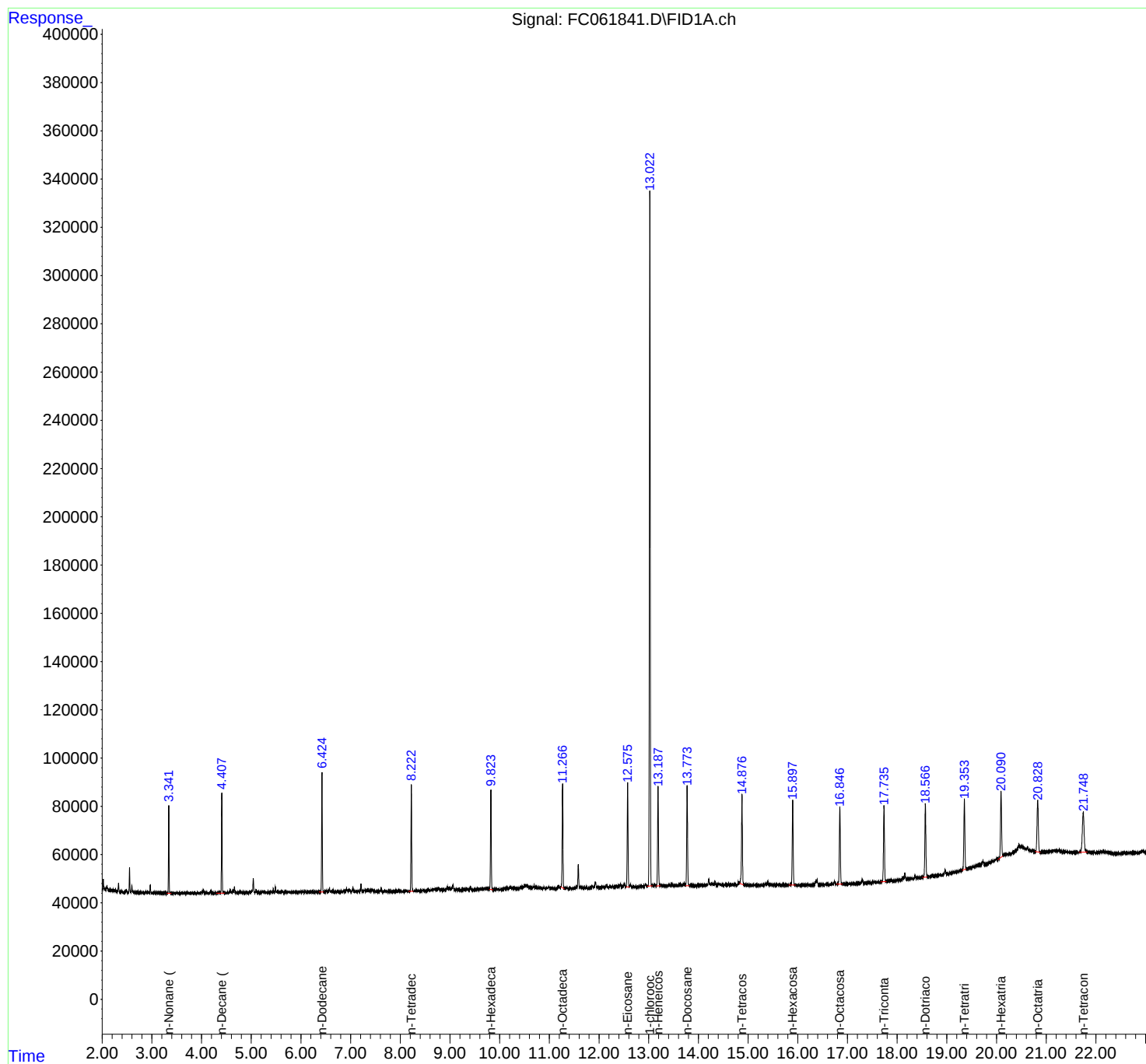
(m)=manual int.

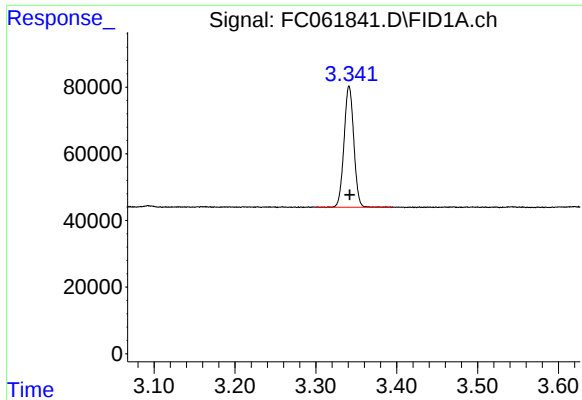
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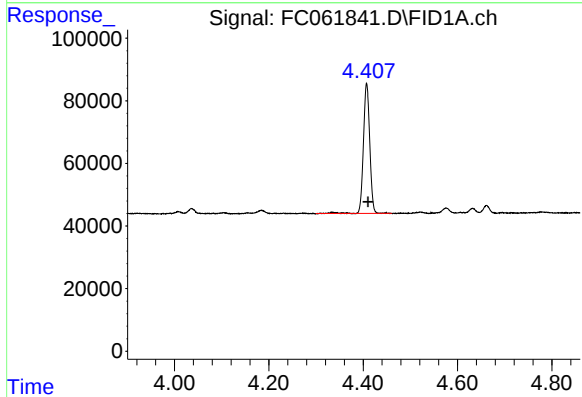




#1 n-Nonane (C9)

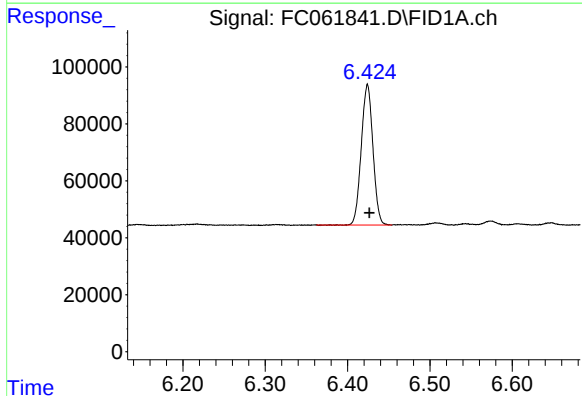
R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 304671
Conc: 2.17 ug/ml

Instrument :
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LOD-MDL-WATER-01-QT4-2022



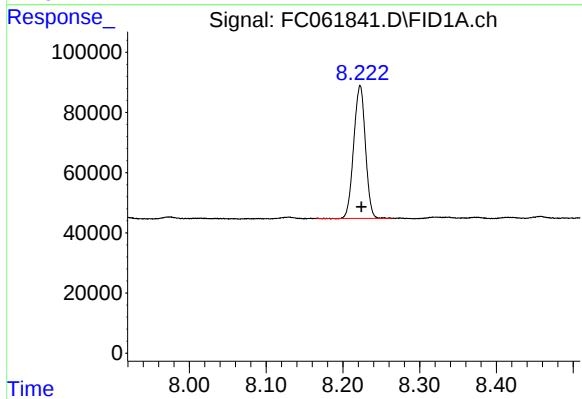
#2 n-Decane (C10)

R.T.: 4.408 min
Delta R.T.: -0.003 min
Response: 389875
Conc: 2.73 ug/ml



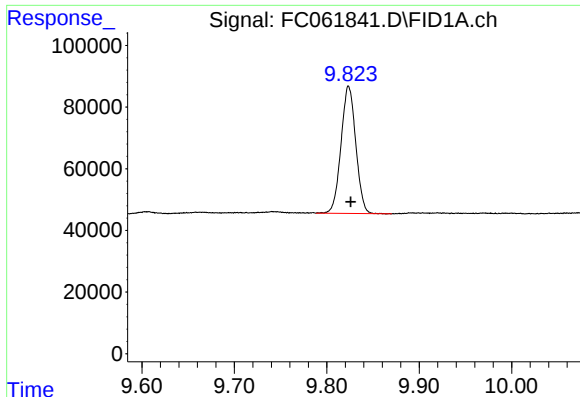
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 486348
Conc: 3.35 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 466970
Conc: 3.21 ug/ml



#7 n-Hexadecane (C16)

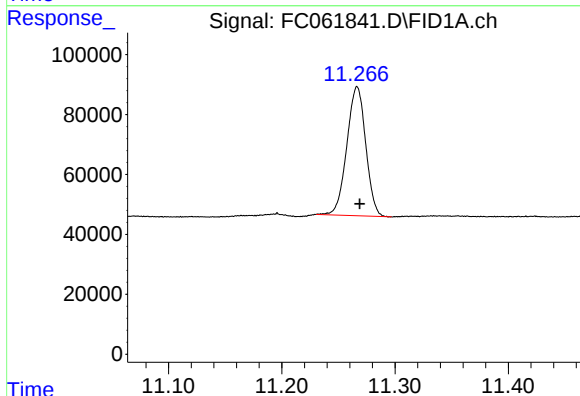
R.T.: 9.824 min
Delta R.T.: -0.002 min
Response: 457767
Conc: 3.14 ug/ml

Instrument :

FID_C

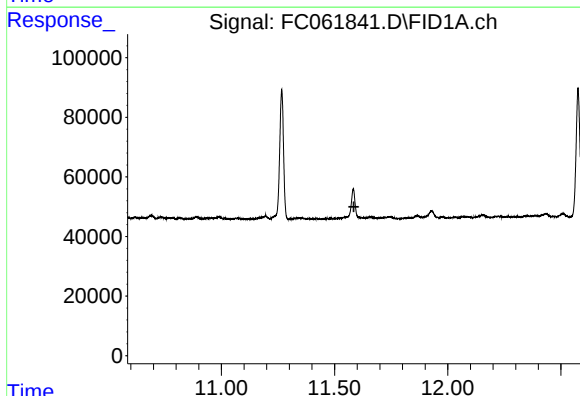
ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



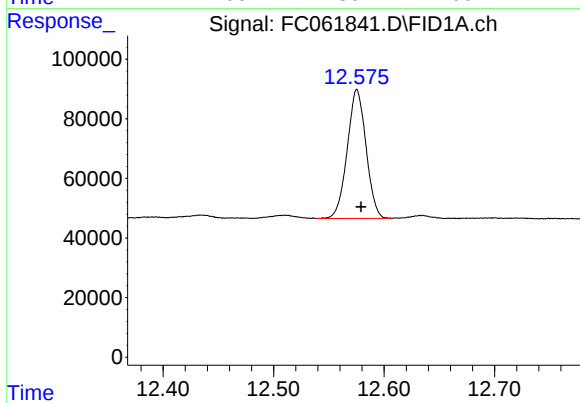
#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: -0.002 min
Response: 499152
Conc: 3.45 ug/ml



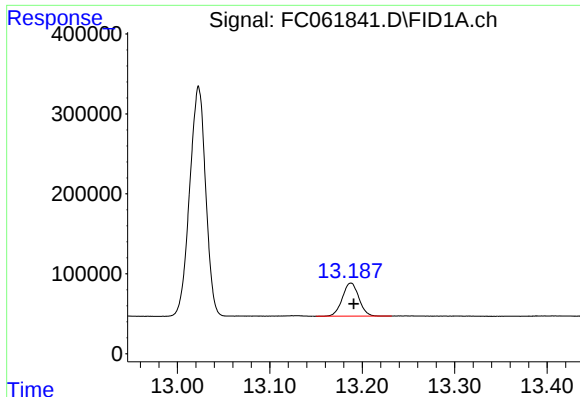
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.585 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

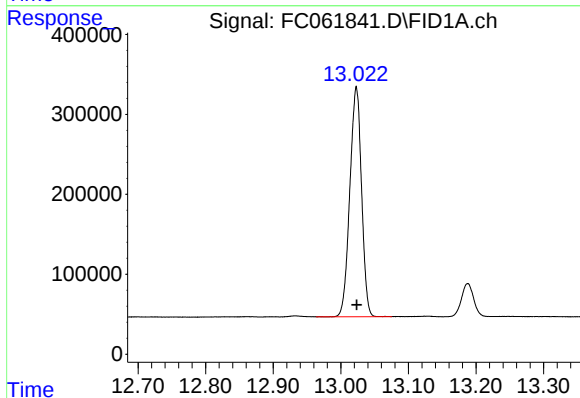
R.T.: 12.576 min
Delta R.T.: -0.003 min
Response: 511301
Conc: 3.62 ug/ml



#11 n-Heneicosane (C21)

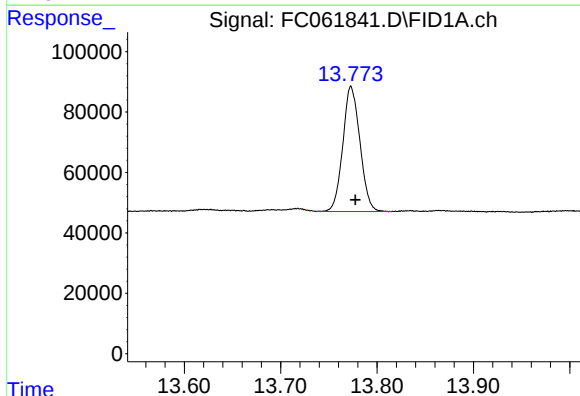
R.T.: 13.188 min
Delta R.T.: -0.003 min
Response: 514901
Conc: 3.71 ug/ml

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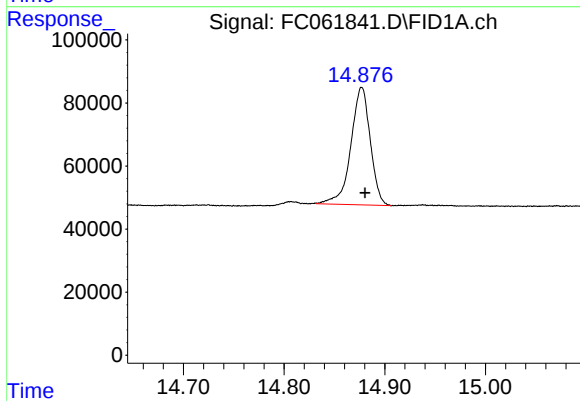
#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: 0.000 min
Response: 3453911
Conc: 29.65 ug/ml



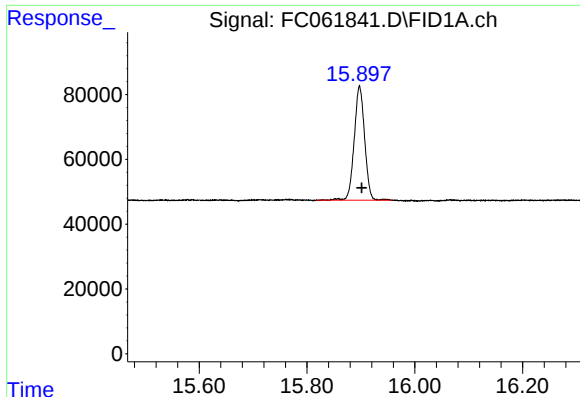
#13 n-Docosane (C22)

R.T.: 13.773 min
Delta R.T.: -0.004 min
Response: 509446
Conc: 3.72 ug/ml



#14 n-Tetracosane (C24)

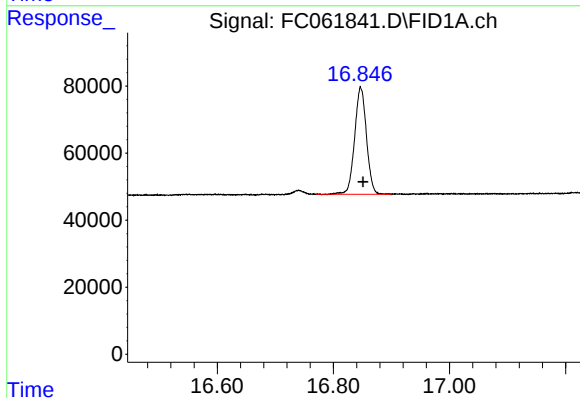
R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 499725
Conc: 3.78 ug/ml



#15 n-Hexacosane (C26)

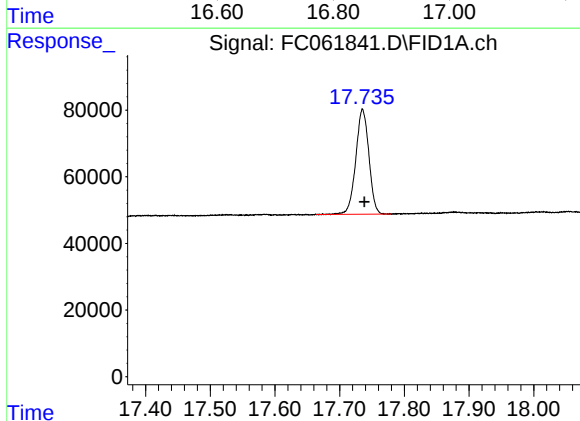
R.T.: 15.898 min
Delta R.T.: -0.004 min
Response: 473466
Conc: 3.76 ug/ml

Instrument :
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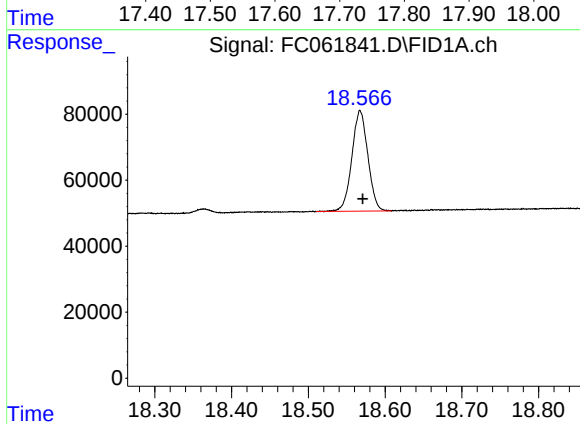
#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: -0.004 min
Response: 450473
Conc: 3.74 ug/ml



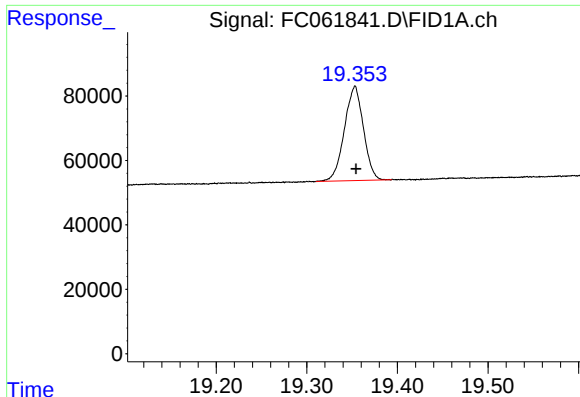
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.002 min
Response: 443255
Conc: 3.73 ug/ml



#18 n-Dotriacontane (C32)

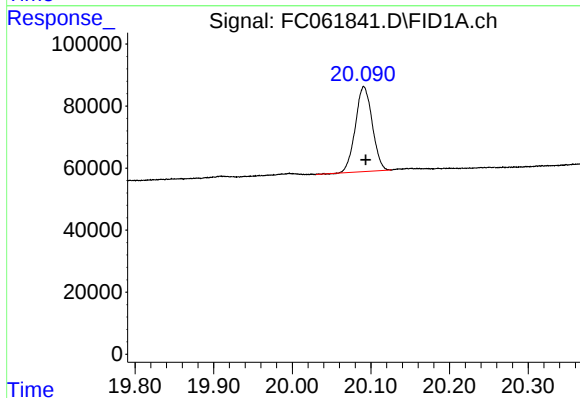
R.T.: 18.567 min
Delta R.T.: -0.004 min
Response: 441710
Conc: 3.75 ug/ml



#19 n-Tetratriacontane (C34)

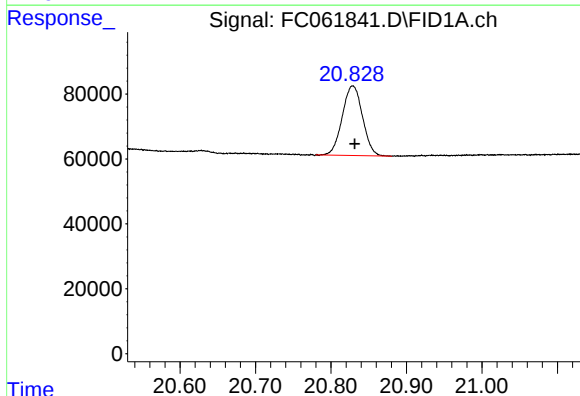
R.T.: 19.353 min
Delta R.T.: -0.002 min
Response: 426487
Conc: 3.78 ug/ml

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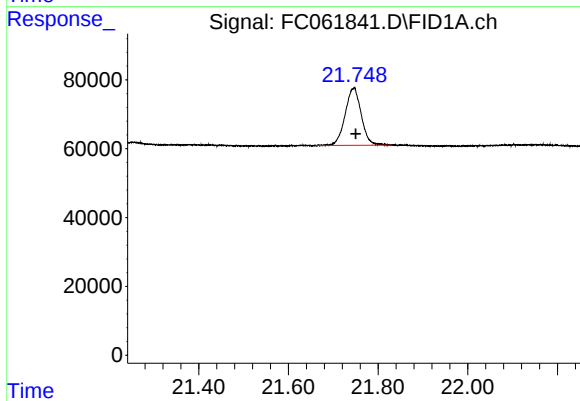
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.003 min
Response: 408868
Conc: 3.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.003 min
Response: 399625
Conc: 3.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: -0.004 min
Response: 415966
Conc: 3.71 ug/ml