

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
 Data File : FC061842.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 23:40
 Operator : YP/AJ
 Sample : N4955-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 19 06:35:45 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...	13.022	4113986	35.313 ug/ml
Spiked Amount 50.000		Recovery =	70.63%
Target Compounds			
1) T n-Nonane (C9)	3.342	366870	2.608 ug/ml
2) T n-Decane (C10)	4.409	448777	3.144 ug/ml
4) T n-Dodecane (C12)	6.425	555254	3.825 ug/ml
6) T n-Tetradecane (C14)	8.221	552797	3.803 ug/ml
7) T n-Hexadecane (C16)	9.822	556334	3.820 ug/ml
8) T n-Octadecane (C18)	11.265	595479	4.120 ug/ml
10) T n-Eicosane (C20)	12.574	601512	4.262 ug/ml
11) T n-Heneicosane (C21)	13.187	596068	4.296 ug/ml
13) T n-Docosane (C22)	13.773	596586	4.352 ug/ml
14) T n-Tetracosane (C24)	14.877	613052	4.640 ug/ml
15) T n-Hexacosane (C26)	15.898	566436	4.495 ug/ml
16) T n-Octacosane (C28)	16.848	569091	4.719 ug/ml
17) T n-Tricontane (C30)	17.735	617501	5.190 ug/ml
18) T n-Dotriacontane (C32)	18.567	628365	5.333 ug/ml
19) T n-Tetratriacontane (C34)	19.350	587125	5.197 ug/ml
20) T n-Hexatriacontane (C36)	20.090	539801	4.760 ug/ml
21) T n-Octatriacontane (C38)	20.827	499226	4.437 ug/ml
22) T n-Tetracontane (C40)	21.742	479795	4.274 ug/ml

(f)=RT Delta > 1/2 Window

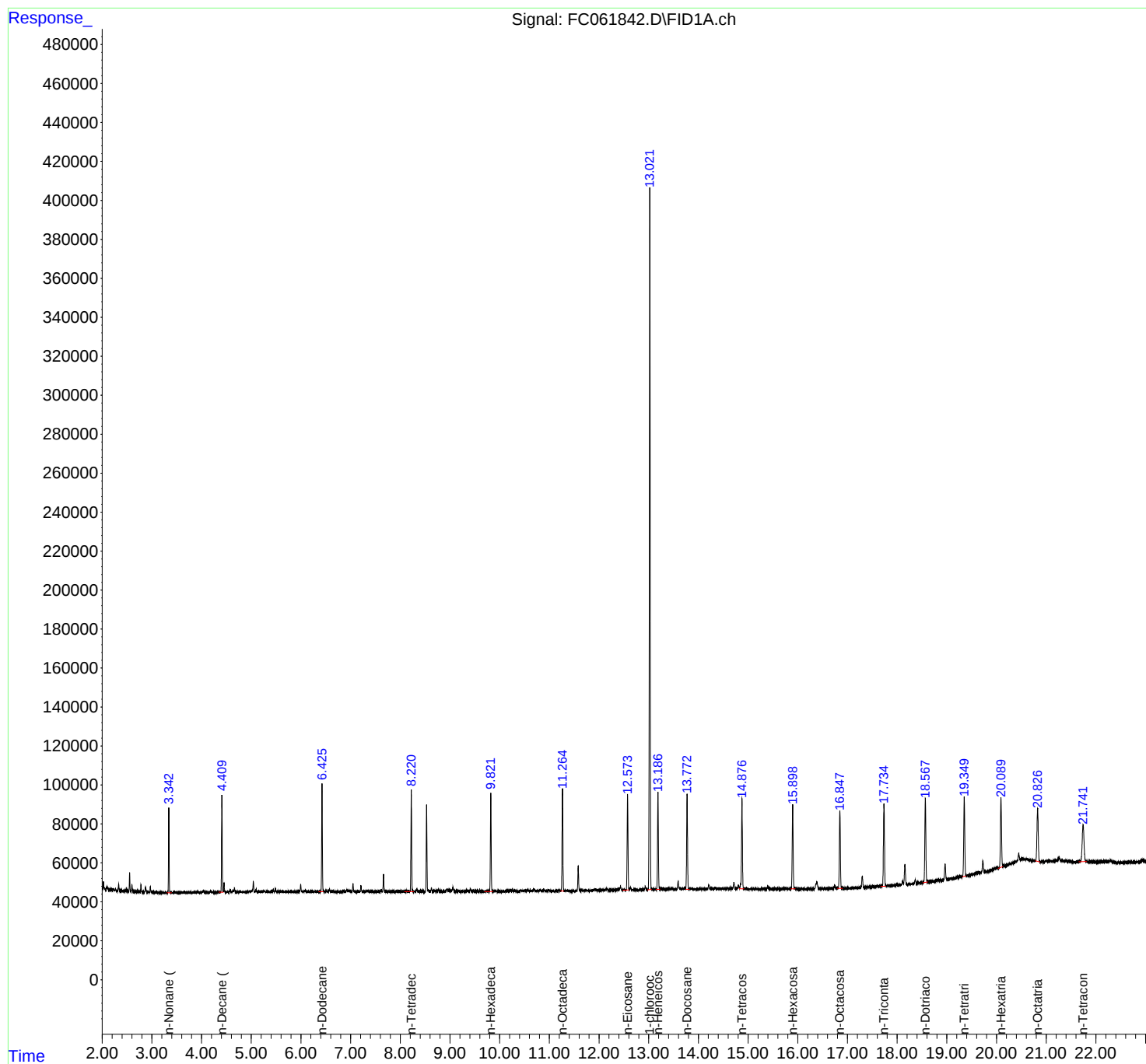
(m)=manual int.

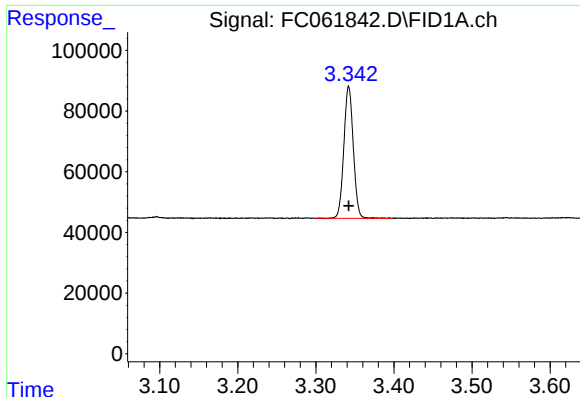
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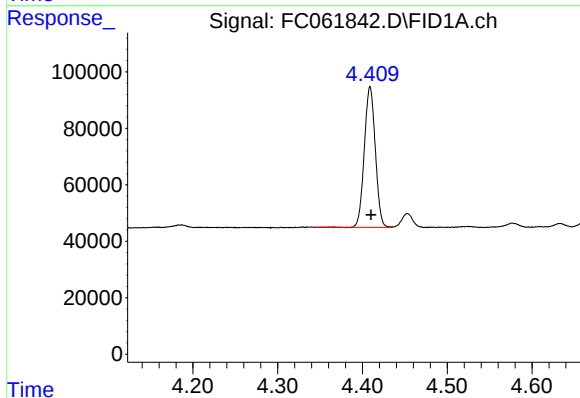




#1 n-Nonane (C9)

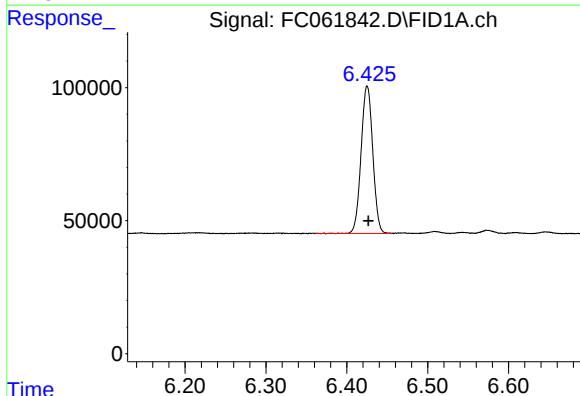
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 366870
Conc: 2.61 ug/ml

Instrument :
FID_C
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LOQ-WATER-02-QT4-2022



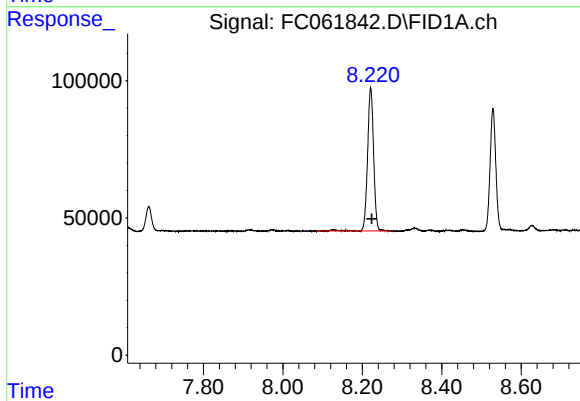
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 448777
Conc: 3.14 ug/ml



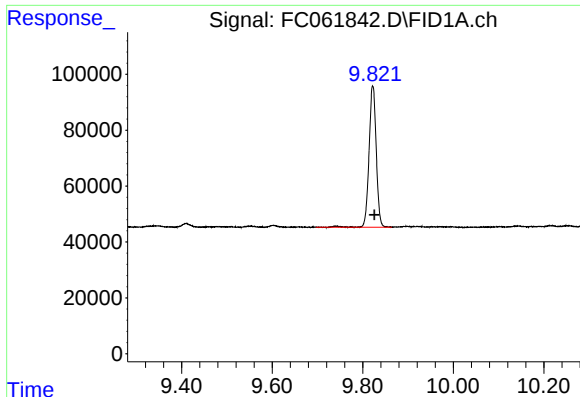
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.002 min
Response: 555254
Conc: 3.82 ug/ml



#6 n-Tetradecane (C14)

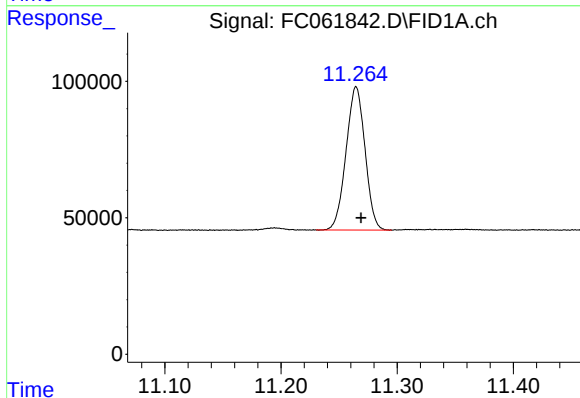
R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 552797
Conc: 3.80 ug/ml



#7 n-Hexadecane (C16)

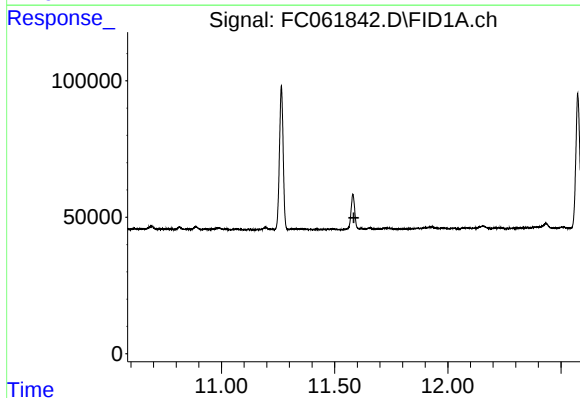
R.T.: 9.822 min
Delta R.T.: -0.004 min
Response: 556334
Conc: 3.82 ug/ml

Instrument :
FID_C
ClientSampleId :
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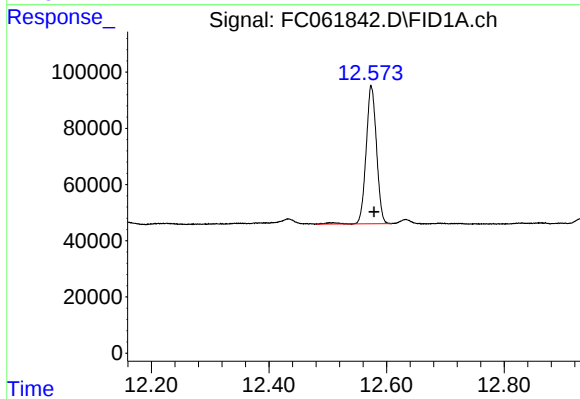
#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: -0.004 min
Response: 595479
Conc: 4.12 ug/ml



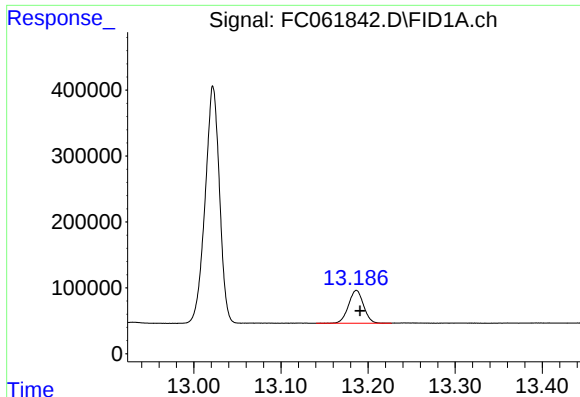
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

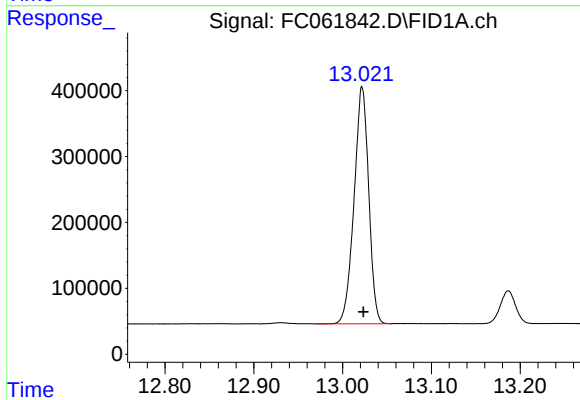
R.T.: 12.574 min
Delta R.T.: -0.005 min
Response: 601512
Conc: 4.26 ug/ml



#11 n-Heneicosane (C21)

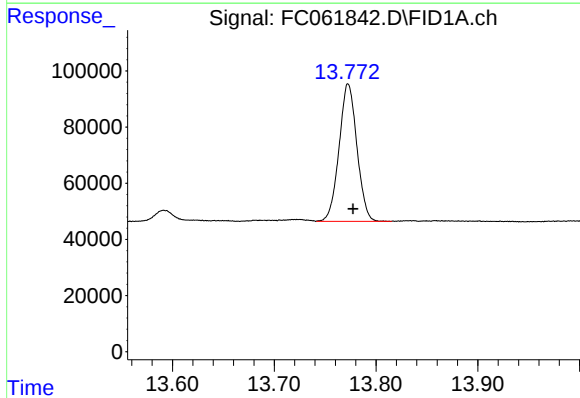
R.T.: 13.187 min
Delta R.T.: -0.004 min
Response: 596068
Conc: 4.30 ug/ml

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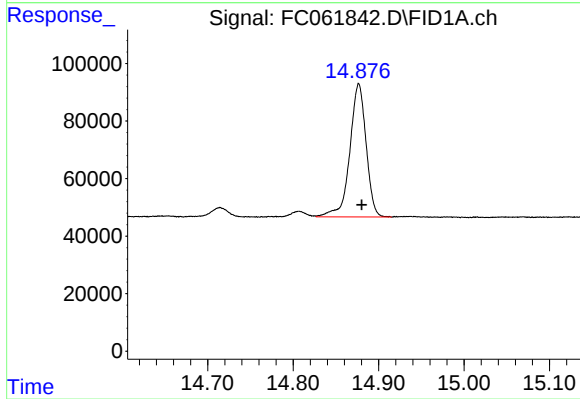
#12 1-chlorooctadecane (SURR)

R.T.: 13.022 min
Delta R.T.: -0.001 min
Response: 4113986
Conc: 35.31 ug/ml



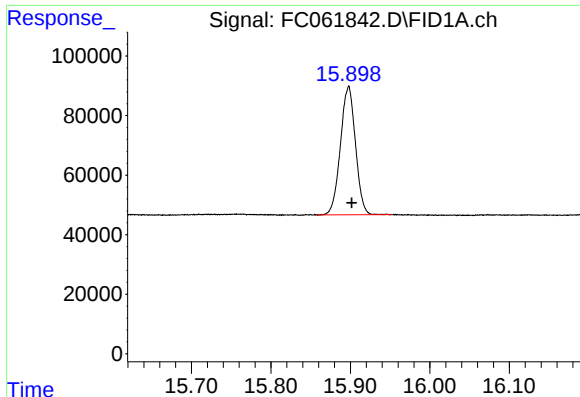
#13 n-Docosane (C22)

R.T.: 13.773 min
Delta R.T.: -0.005 min
Response: 596586
Conc: 4.35 ug/ml



#14 n-Tetracosane (C24)

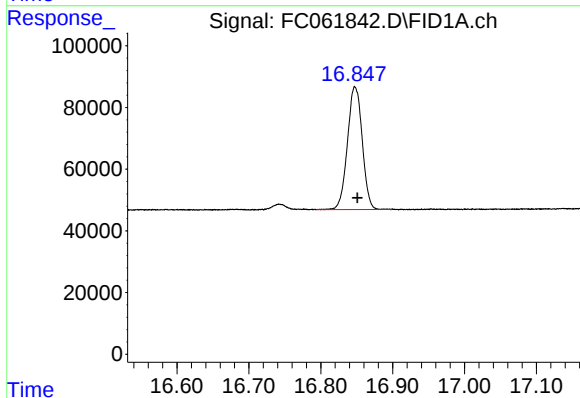
R.T.: 14.877 min
Delta R.T.: -0.004 min
Response: 613052
Conc: 4.64 ug/ml



#15 n-Hexacosane (C26)

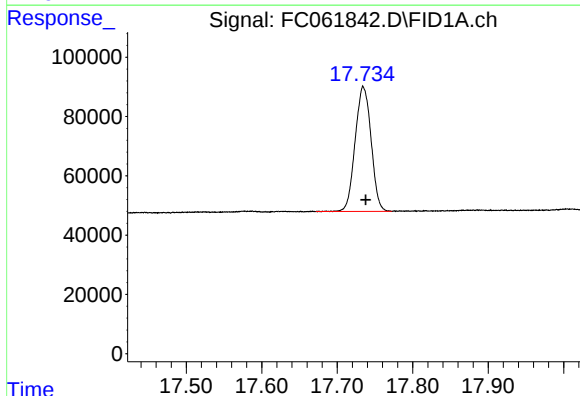
R.T.: 15.898 min
Delta R.T.: -0.004 min
Response: 566436
Conc: 4.50 ug/ml

Instrument :
FID_C
ClientSampleId :
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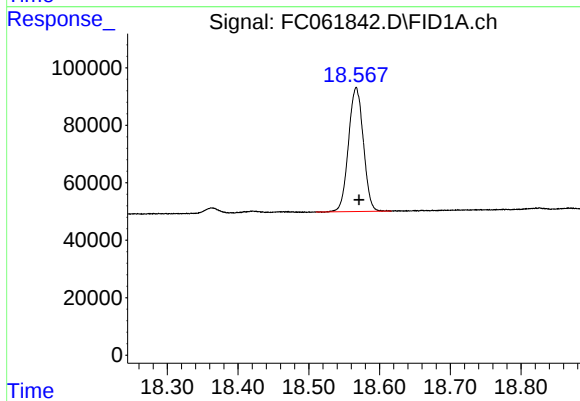
#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.003 min
Response: 569091
Conc: 4.72 ug/ml



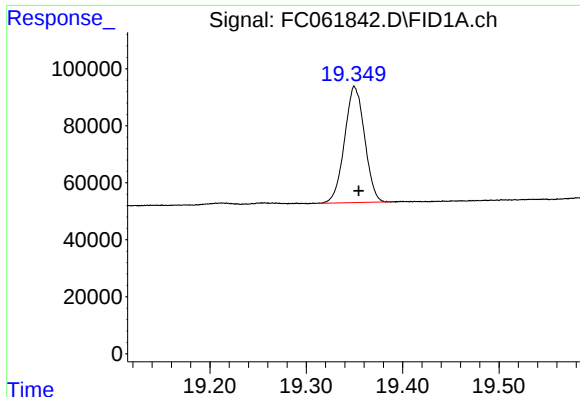
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: -0.003 min
Response: 617501
Conc: 5.19 ug/ml



#18 n-Dotriacontane (C32)

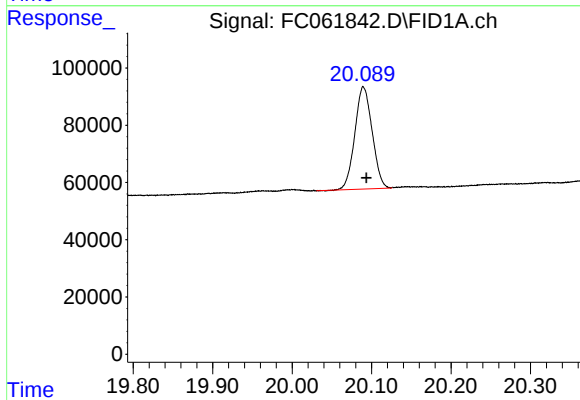
R.T.: 18.567 min
Delta R.T.: -0.004 min
Response: 628365
Conc: 5.33 ug/ml



#19 n-Tetratriacontane (C34)

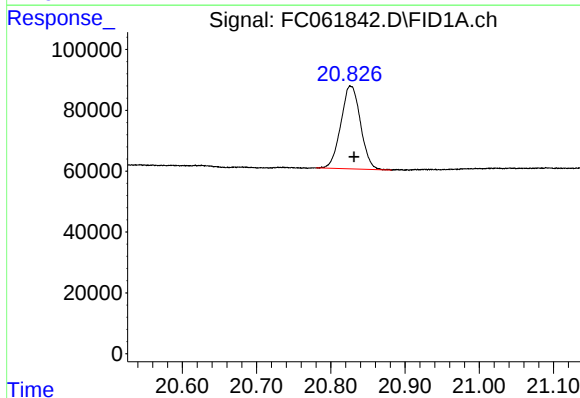
R.T.: 19.350 min
Delta R.T.: -0.004 min
Response: 587125
Conc: 5.20 ug/ml

Instrument :
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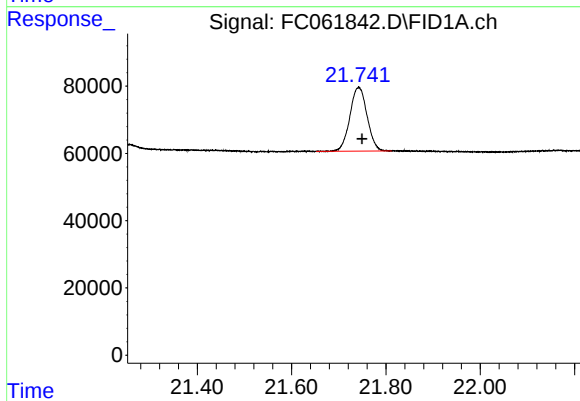
#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: -0.004 min
Response: 539801
Conc: 4.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.004 min
Response: 499226
Conc: 4.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.742 min
Delta R.T.: -0.008 min
Response: 479795
Conc: 4.27 ug/ml