

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012825AL\
 Data File : FC068136.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 17:31
 Operator : YP/AJ
 Sample : Q1168-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 00:45:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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...	12.867	4490964	39.051 ug/ml
Spiked Amount 50.000		Recovery =	78.10%
Target Compounds			
1) T n-Nonane (C9)	3.232	198397	1.449 ug/ml
2) T n-Decane (C10)	4.289	224868	1.620 ug/ml
4) T n-Dodecane (C12)	6.297	277484	1.986 ug/ml
6) T n-Tetradecane (C14)	8.085	266952	1.956 ug/ml
7) T n-Hexadecane (C16)	9.681	254173	1.829 ug/ml
8) T n-Octadecane (C18)	11.118	267801	1.914 ug/ml
10) T n-Eicosane (C20)	12.424	275809	2.061 ug/ml
11) T n-Heneicosane (C21)	13.033	257605	1.961 ug/ml
13) T n-Docosane (C22)	13.619	260605	2.012 ug/ml
14) T n-Tetracosane (C24)	14.718	249561	1.944 ug/ml
15) T n-Hexacosane (C26)	15.738	241864	1.922 ug/ml
16) T n-Octacosane (C28)	16.686	242797	1.941 ug/ml
17) T n-Tricontane (C30)	17.571	247455	1.914 ug/ml
18) T n-Dotriacontane (C32)	18.402	251099	2.009 ug/ml
19) T n-Tetratriacontane (C34)	19.186	241436	2.226 ug/ml
20) T n-Hexatriacontane (C36)	19.924	228542	2.470 ug/ml
21) T n-Octatriacontane (C38)	20.638	221986	2.591 ug/ml
22) T n-Tetracontane (C40)	21.497	229378	2.837 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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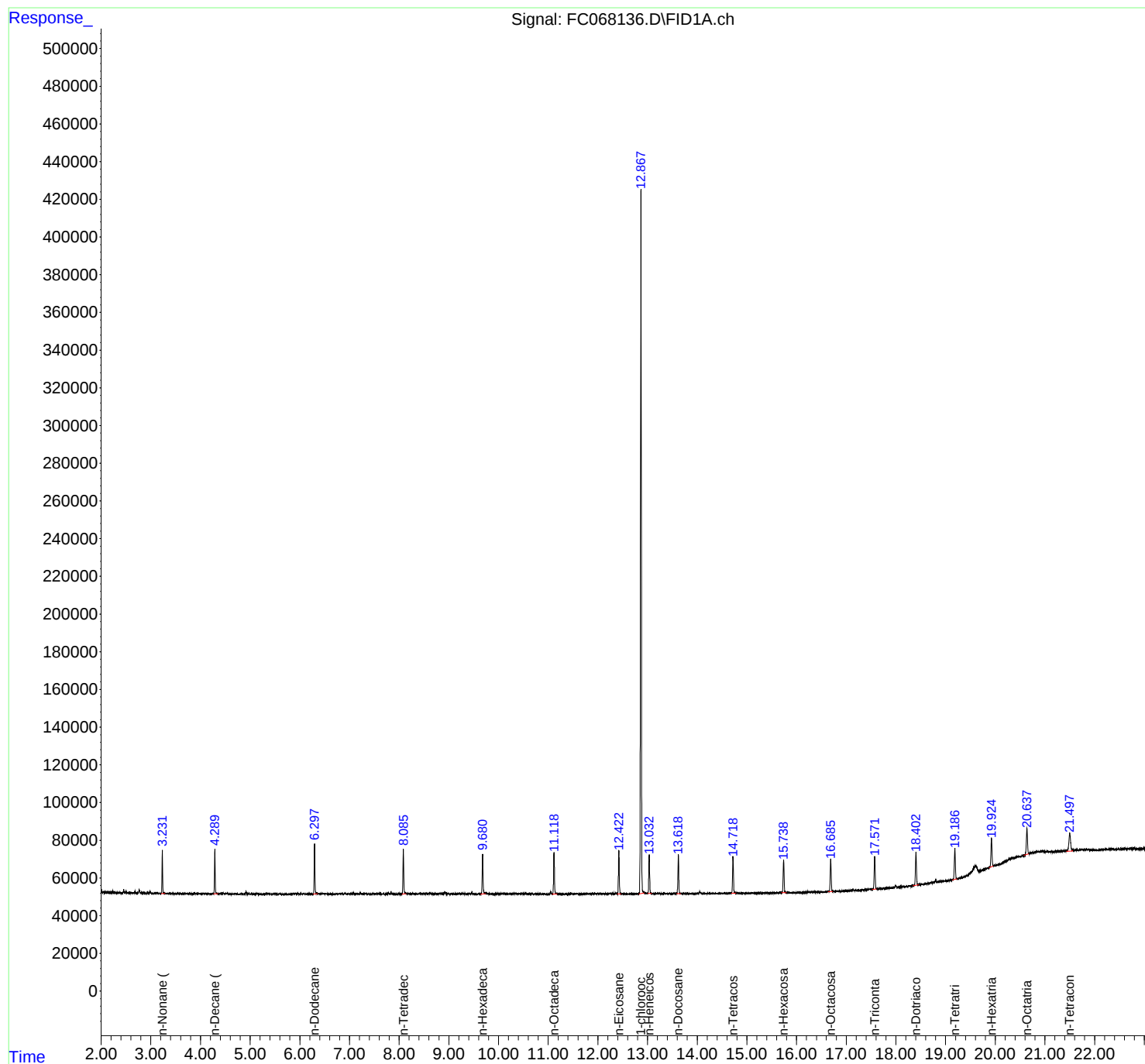
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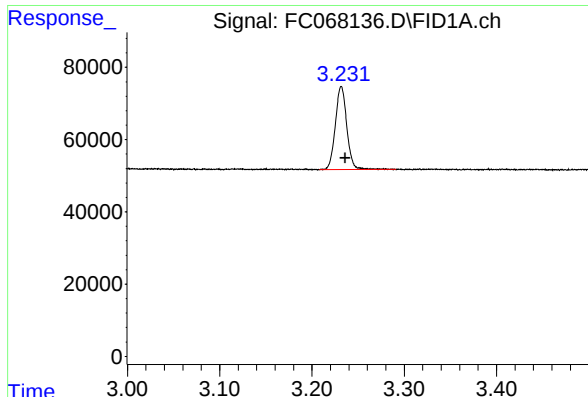
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#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.004 min
Response: 198397
Conc: 1.45 ug/ml

Instrument :

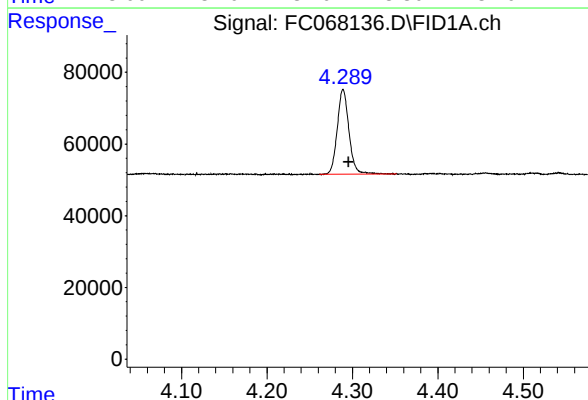
FID_C

ClientSampleId :

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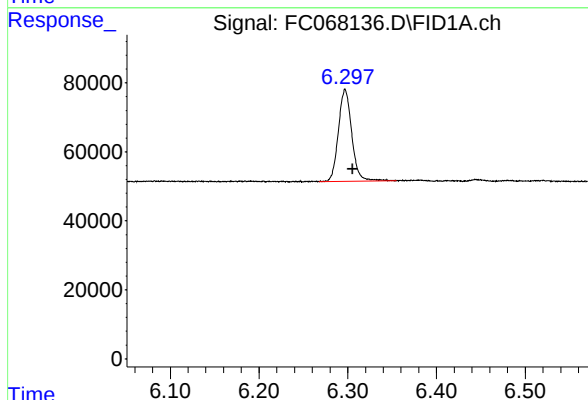
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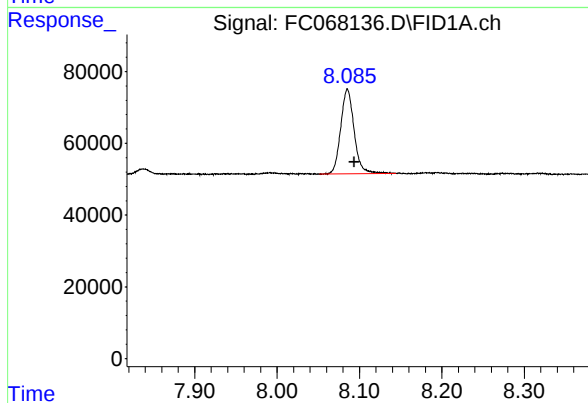
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.006 min
Response: 224868
Conc: 1.62 ug/ml



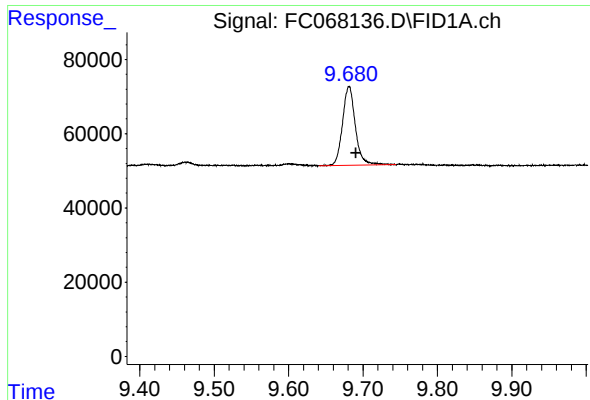
#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 277484
Conc: 1.99 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.085 min
Delta R.T.: -0.009 min
Response: 266952
Conc: 1.96 ug/ml



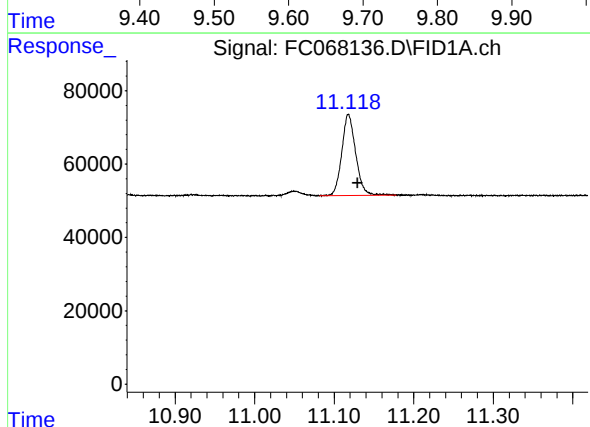
#7 n-Hexadecane (C16)

R.T.: 9.681 min
Delta R.T.: -0.009 min
Response: 254173
Conc: 1.83 ug/ml

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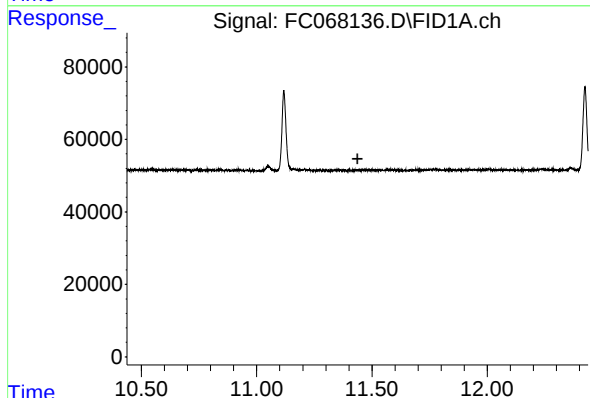
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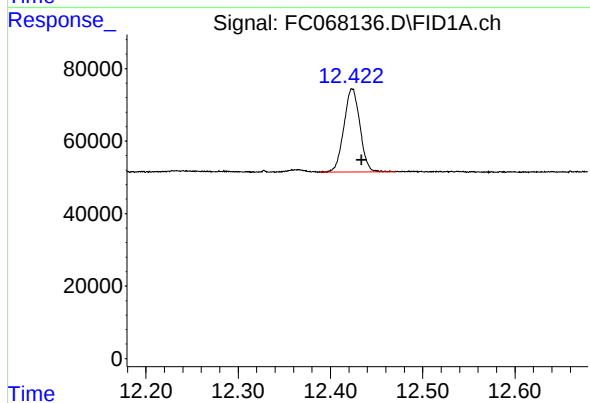
#8 n-Octadecane (C18)

R.T.: 11.118 min
Delta R.T.: -0.011 min
Response: 267801
Conc: 1.91 ug/ml



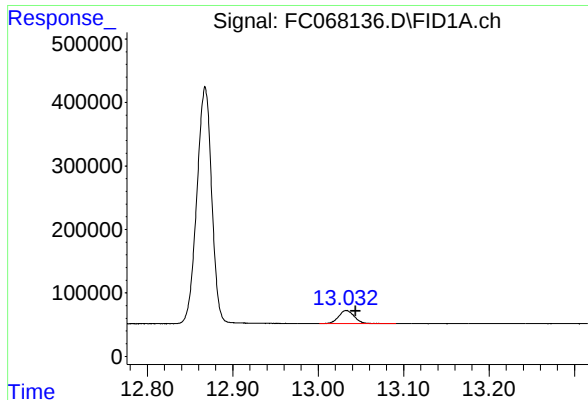
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.437 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.424 min
Delta R.T.: -0.010 min
Response: 275809
Conc: 2.06 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.033 min
Delta R.T.: -0.011 min
Response: 257605
Conc: 1.96 ug/ml

Instrument :

FID_C

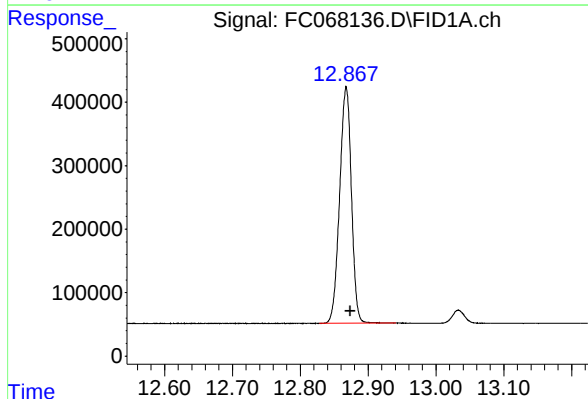
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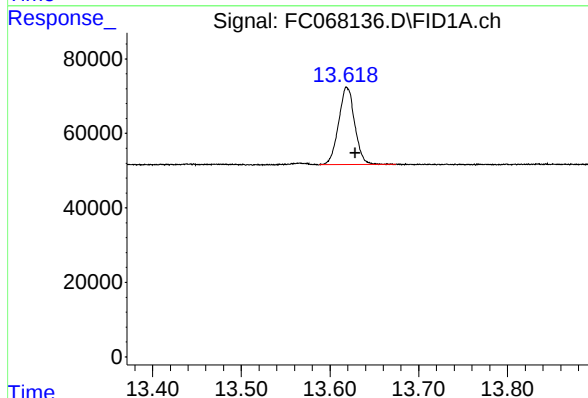
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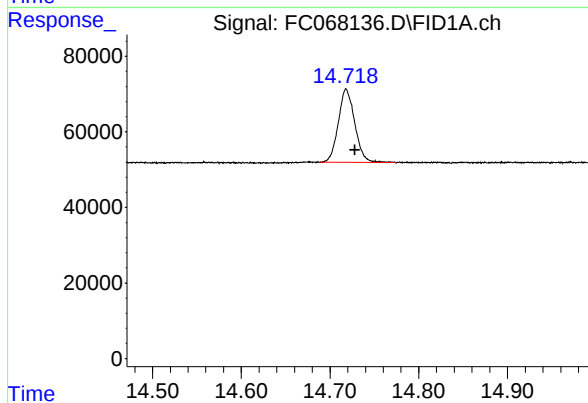
#12 1-chlorooctadecane (SURR)

R.T.: 12.867 min
Delta R.T.: -0.006 min
Response: 4490964
Conc: 39.05 ug/ml



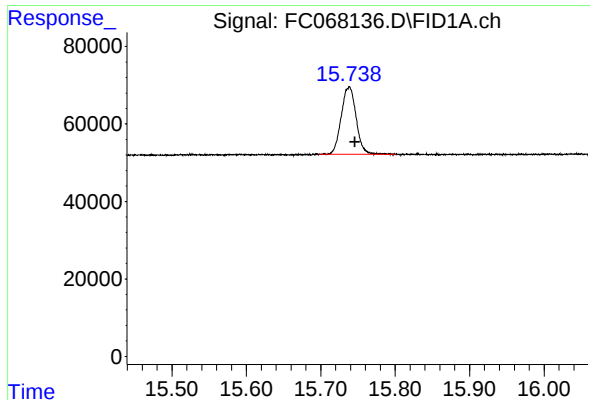
#13 n-Docosane (C22)

R.T.: 13.619 min
Delta R.T.: -0.009 min
Response: 260605
Conc: 2.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.718 min
Delta R.T.: -0.010 min
Response: 249561
Conc: 1.94 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.738 min
Delta R.T.: -0.008 min
Response: 241864
Conc: 1.92 ug/ml

Instrument :

FID_C

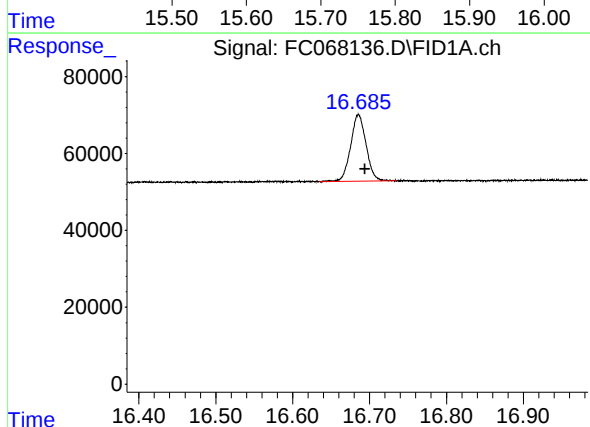
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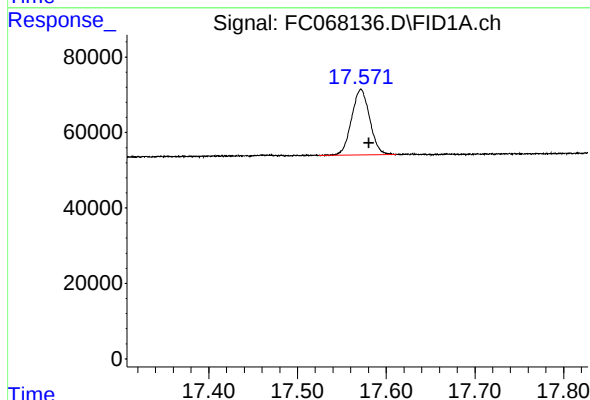
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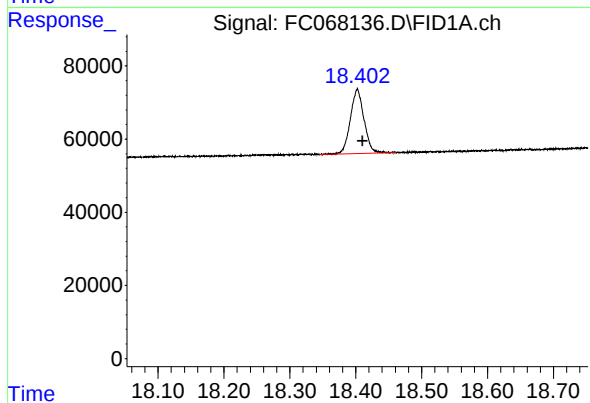
#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.008 min
Response: 242797
Conc: 1.94 ug/ml



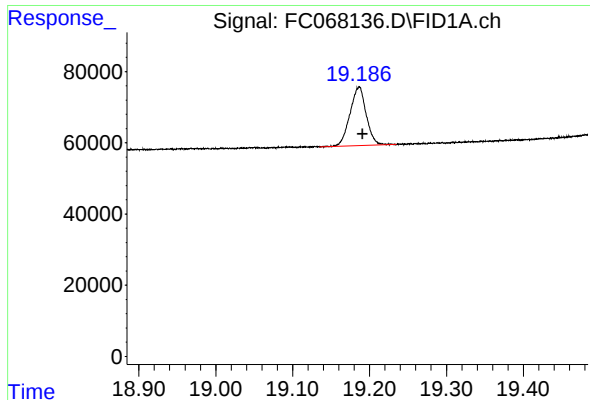
#17 n-Tricontane (C30)

R.T.: 17.571 min
Delta R.T.: -0.009 min
Response: 247455
Conc: 1.91 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.008 min
Response: 251099
Conc: 2.01 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.005 min
Response: 241436
Conc: 2.23 ug/ml

Instrument :

FID_C

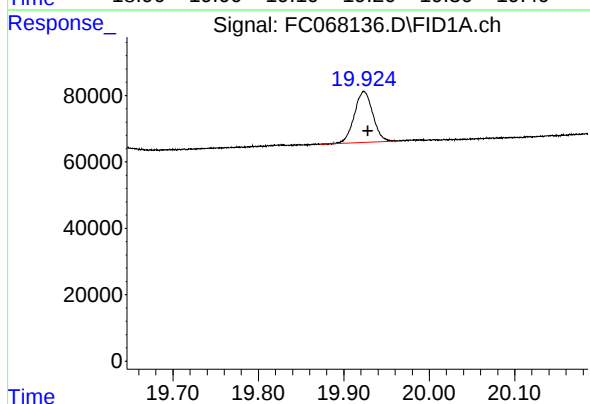
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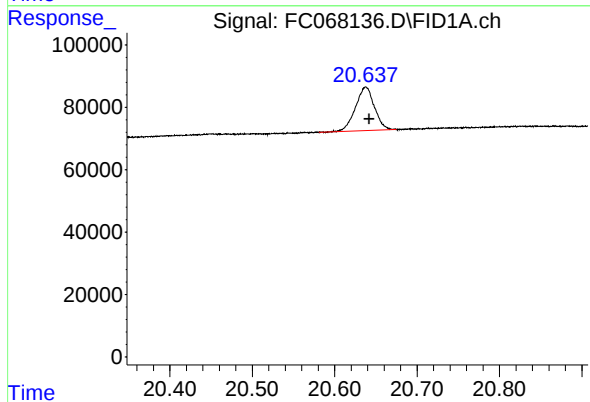
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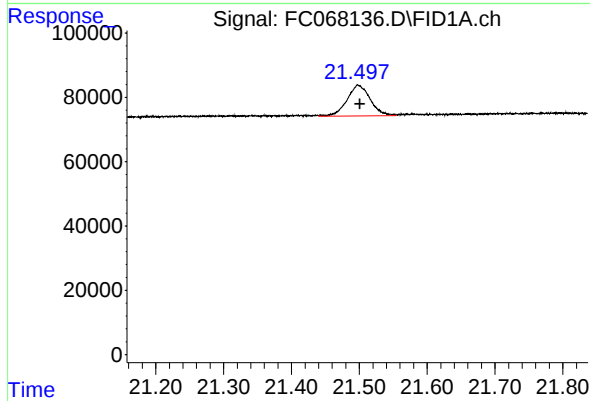
#20 n-Hexatriacontane (C36)

R.T.: 19.924 min
Delta R.T.: -0.005 min
Response: 228542
Conc: 2.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.638 min
Delta R.T.: -0.004 min
Response: 221986
Conc: 2.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.497 min
Delta R.T.: -0.005 min
Response: 229378
Conc: 2.84 ug/ml m