

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069766.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 12:20
 Operator : YP/AJ
 Sample : Q2893-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: sample.E
 Quant Time: Aug 29 01:36:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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...	13.099	6189769	64.689 ug/ml
Spiked Amount 50.000		Recovery =	129.38%
Target Compounds			
1) T n-Nonane (C9)	3.396	254022	2.026 ug/ml
2) T n-Decane (C10)	4.467	308420	2.420 ug/ml
4) T n-Dodecane (C12)	6.490	391272	3.054 ug/ml
6) T n-Tetradecane (C14)	8.288	413554	3.243 ug/mlm
7) T n-Hexadecane (C16)	9.891	360940	2.795 ug/mlm
8) T n-Octadecane (C18)	11.336	393326	3.137 ug/mlm
10) T n-Eicosane (C20)	12.647	386183	3.327 ug/ml
11) T n-Heneicosane (C21)	13.260	346545	3.099 ug/ml
13) T n-Docosane (C22)	13.848	353308	3.238 ug/ml
14) T n-Tetracosane (C24)	14.951	339073	3.233 ug/mlm
15) T n-Hexacosane (C26)	15.975	321869	3.212 ug/mlm
16) T n-Octacosane (C28)	16.925	316717	3.289 ug/ml
17) T n-Tricontane (C30)	17.815	316376	3.290 ug/ml
18) T n-Dotriacontane (C32)	18.648	329061	3.532 ug/ml
19) T n-Tetratriacontane (C34)	19.433	310152	3.594 ug/ml
20) T n-Hexatriacontane (C36)	20.175	278732	3.654 ug/ml
21) T n-Octatriacontane (C38)	20.938	252327	3.588 ug/ml
22) T n-Tetracontane (C40)	21.898	208132	3.133 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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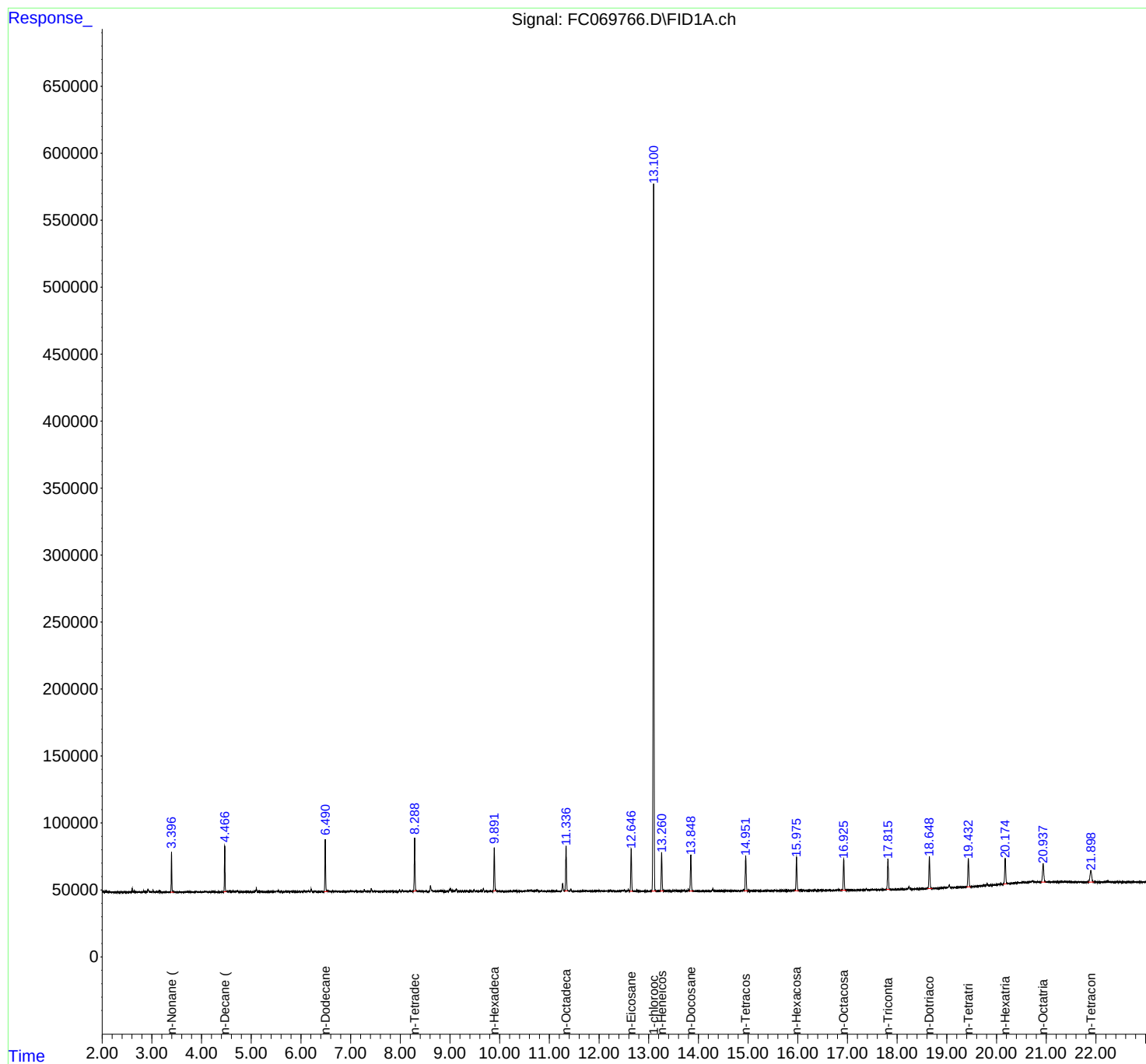
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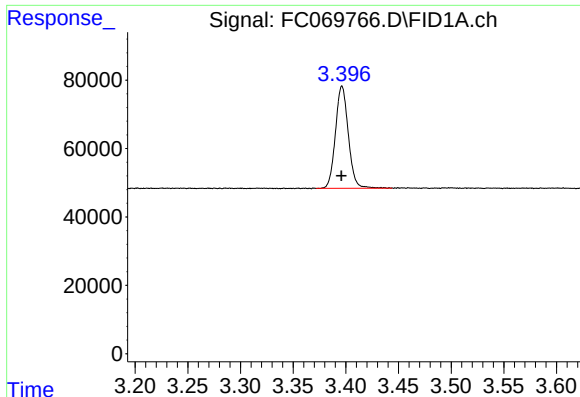
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#1 n-Nonane (C9)

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 254022
Conc: 2.03 ug/ml

Instrument :

FID_C

ClientSampleId :

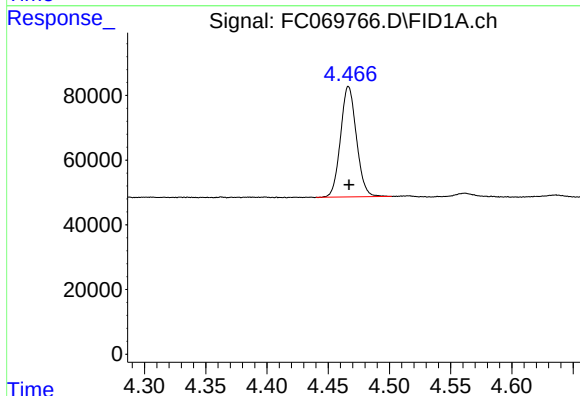
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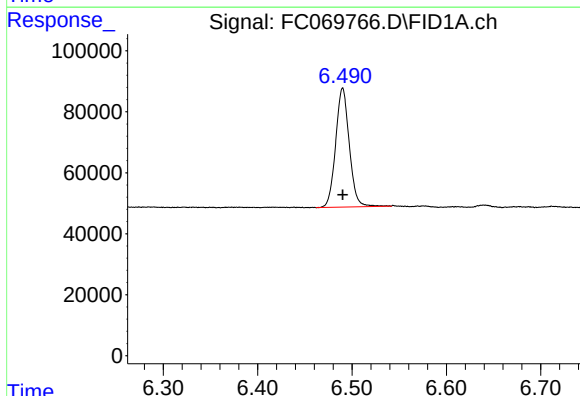
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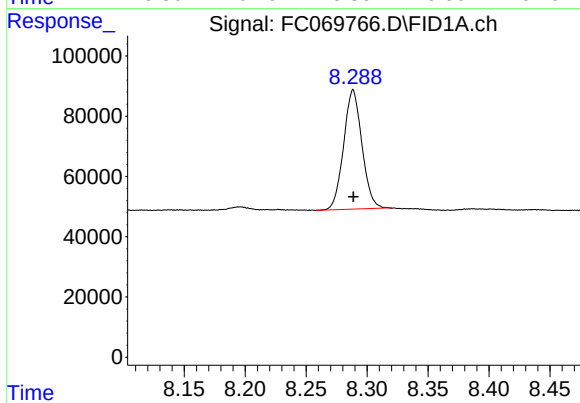
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 308420
Conc: 2.42 ug/ml



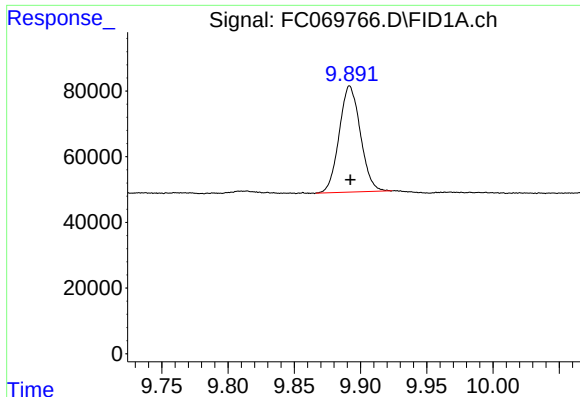
#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 391272
Conc: 3.05 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: 0.000 min
Response: 413554
Conc: 3.24 ug/ml m



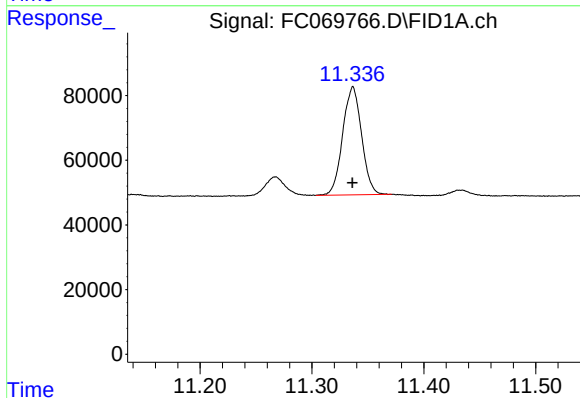
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: -0.001 min
Response: 360940
Conc: 2.79 ug/ml

Instrument :
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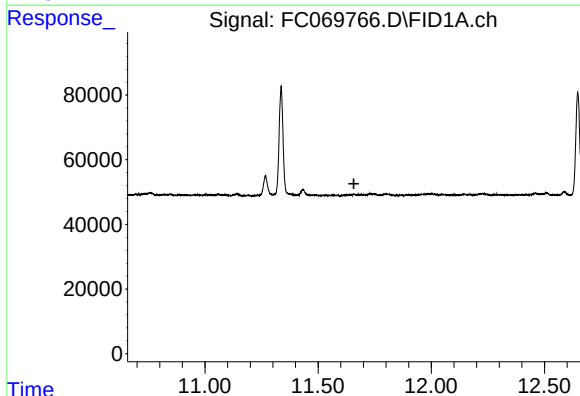
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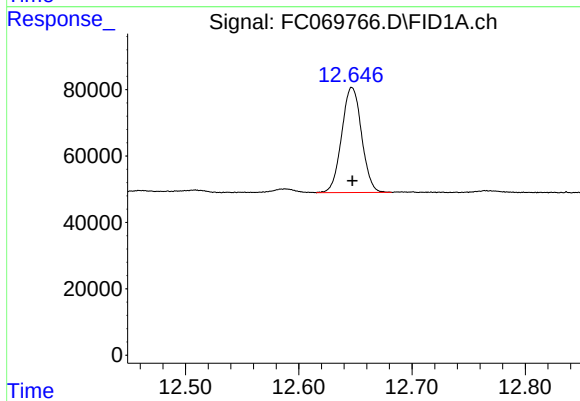
#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 393326
Conc: 3.14 ug/ml m



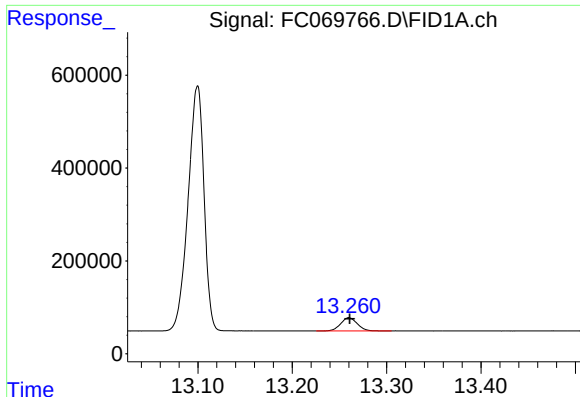
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 386183
Conc: 3.33 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.000 min
Response: 346545
Conc: 3.10 ug/ml

Instrument :

FID_C

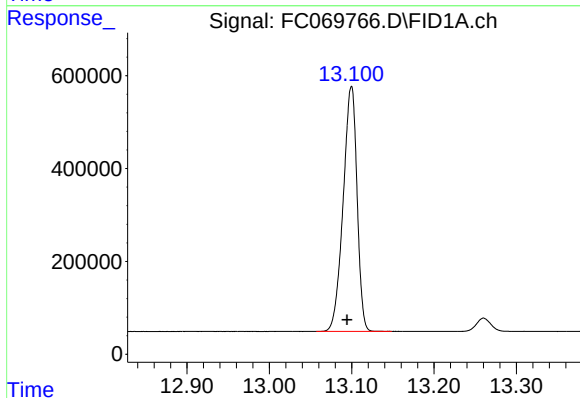
ClientSampleId :

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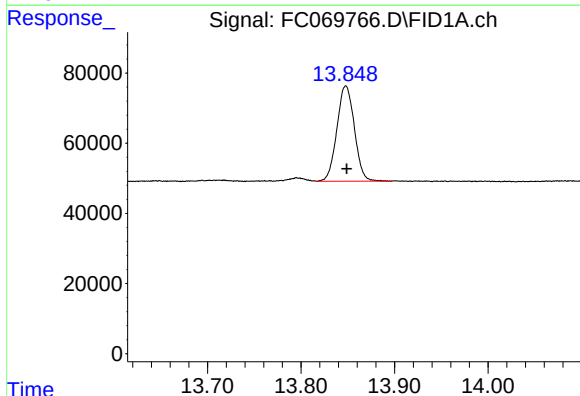
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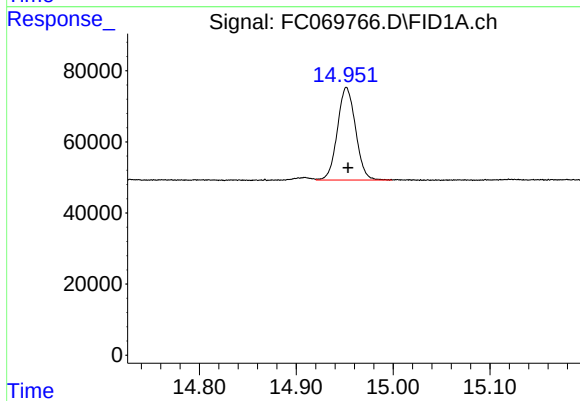
#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: 0.005 min
Response: 6189769
Conc: 64.69 ug/ml



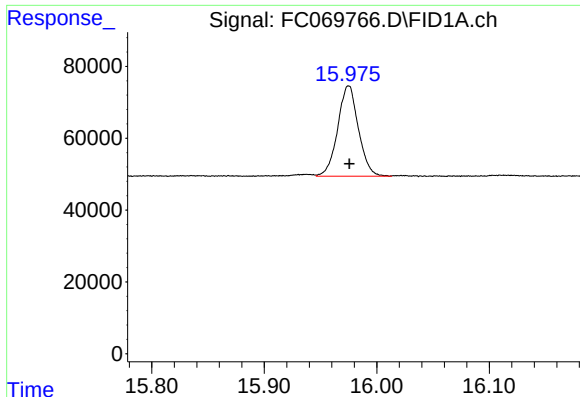
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: 0.000 min
Response: 353308
Conc: 3.24 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.002 min
Response: 339073
Conc: 3.23 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: -0.001 min
Response: 321869
Conc: 3.21 ug/ml

Instrument :

FID_C

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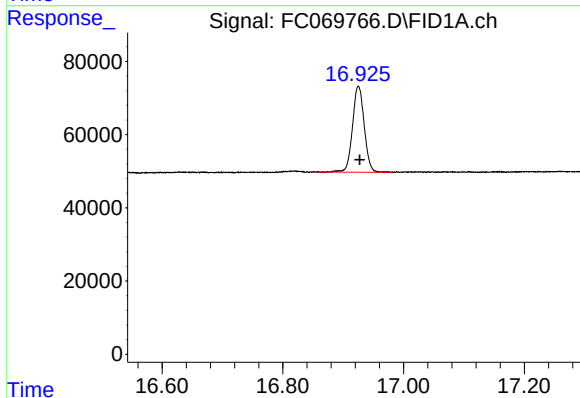
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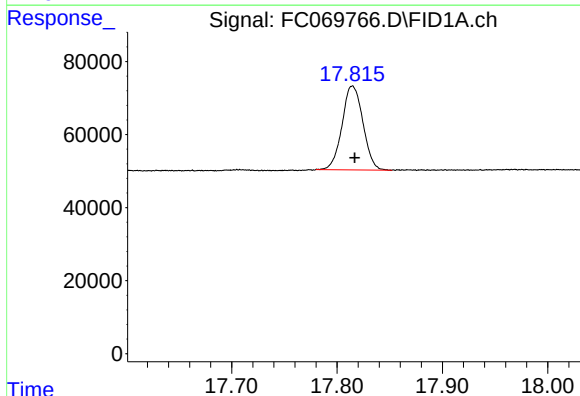
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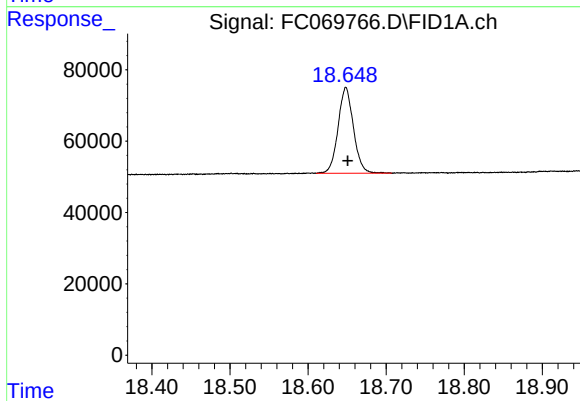
#16 n-Octacosane (C28)

R.T.: 16.925 min
Delta R.T.: -0.002 min
Response: 316717
Conc: 3.29 ug/ml



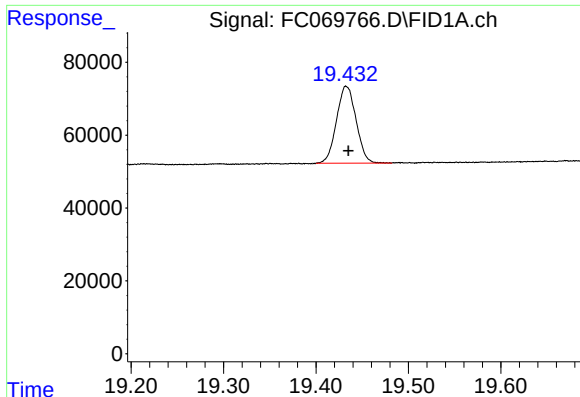
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: -0.002 min
Response: 316376
Conc: 3.29 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.002 min
Response: 329061
Conc: 3.53 ug/ml



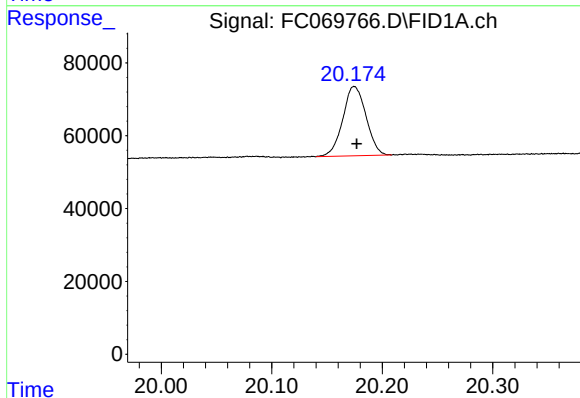
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: -0.002 min
Response: 310152
Conc: 3.59 ug/ml

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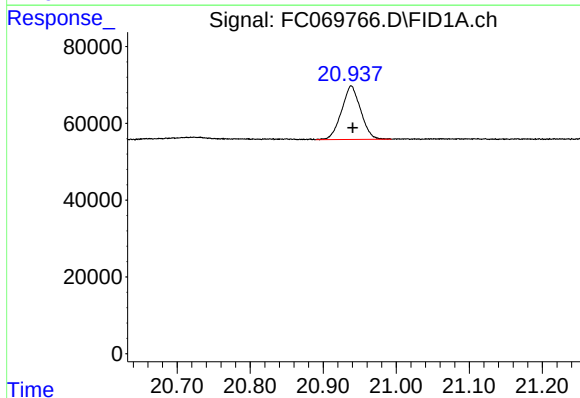
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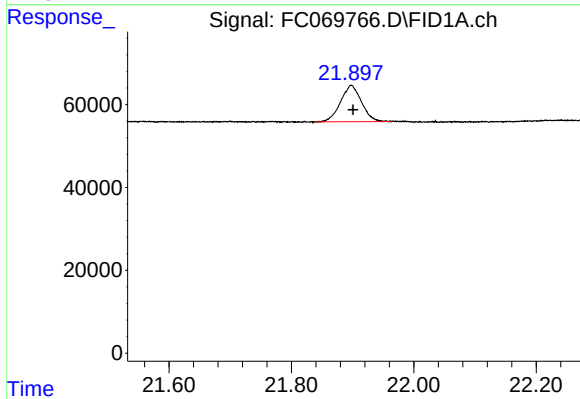
#20 n-Hexatriacontane (C36)

R.T.: 20.175 min
Delta R.T.: -0.002 min
Response: 278732
Conc: 3.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.938 min
Delta R.T.: -0.002 min
Response: 252327
Conc: 3.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: -0.003 min
Response: 208132
Conc: 3.13 ug/ml