

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061225AL\
 Data File : FC069197.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 00:44
 Operator : YP/AJ
 Sample : Q2126-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 13 02:19:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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...	13.113	2983201	33.252 ug/ml
Spiked Amount 50.000		Recovery =	66.50%
Target Compounds			
1) T n-Nonane (C9)	3.404	188222	1.774 ug/ml
2) T n-Decane (C10)	4.479	222461	2.101 ug/ml
4) T n-Dodecane (C12)	6.506	259055	2.464 ug/ml
6) T n-Tetradecane (C14)	8.304	279833	2.730 ug/ml
7) T n-Hexadecane (C16)	9.909	258926	2.552 ug/ml
8) T n-Octadecane (C18)	11.353	271379	2.715 ug/ml
10) T n-Eicosane (C20)	12.664	277413	2.848 ug/ml
11) T n-Heneicosane (C21)	13.278	258074	2.681 ug/ml
13) T n-Docosane (C22)	13.865	265966	2.792 ug/ml
14) T n-Tetracosane (C24)	14.969	269461	2.862 ug/mlm
15) T n-Hexacosane (C26)	15.993	259723	2.797 ug/ml
16) T n-Octacosane (C28)	16.945	261458	2.813 ug/ml
17) T n-Tricontane (C30)	17.834	271484	2.806 ug/ml
18) T n-Dotriacontane (C32)	18.668	284651	2.872 ug/ml
19) T n-Tetratriacontane (C34)	19.455	270132	2.803 ug/ml
20) T n-Hexatriacontane (C36)	20.194	242829	2.558 ug/ml
21) T n-Octatriacontane (C38)	20.964	219873	2.410 ug/ml
22) T n-Tetracontane (C40)	21.929	200557	2.273 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 22 Sample Multiplier: 1

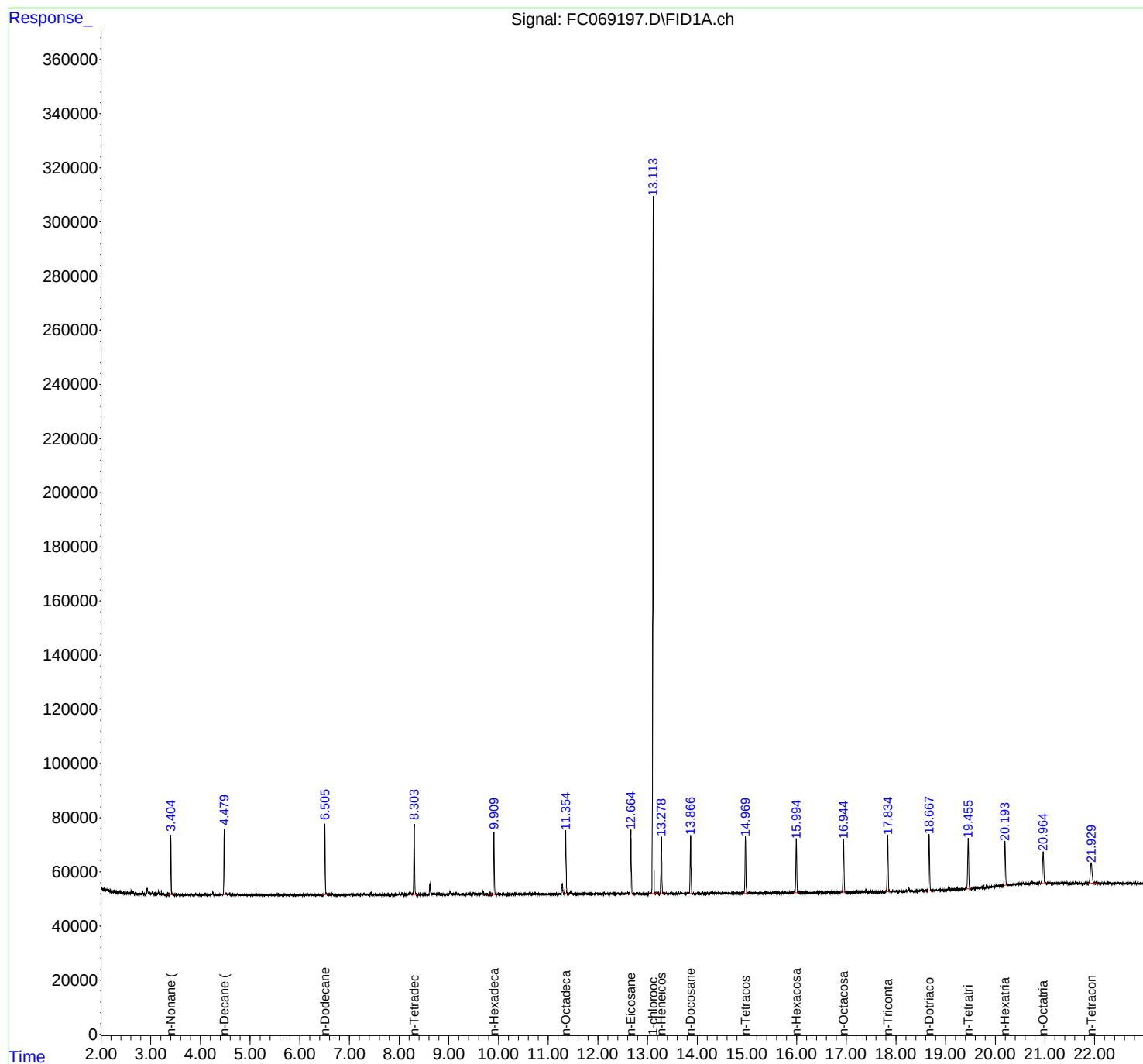
Instrument :
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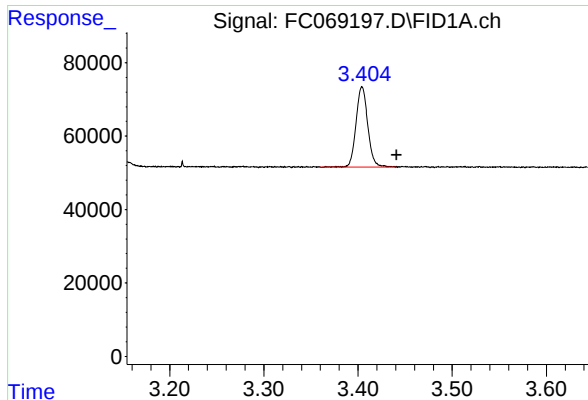
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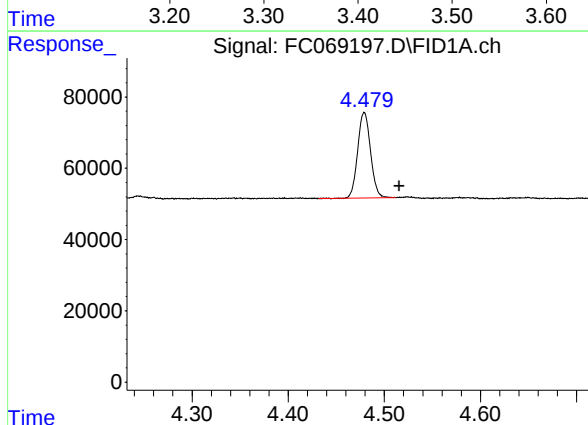
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.037 min
Response: 188222
Conc: 1.77 ug/ml

Instrument :
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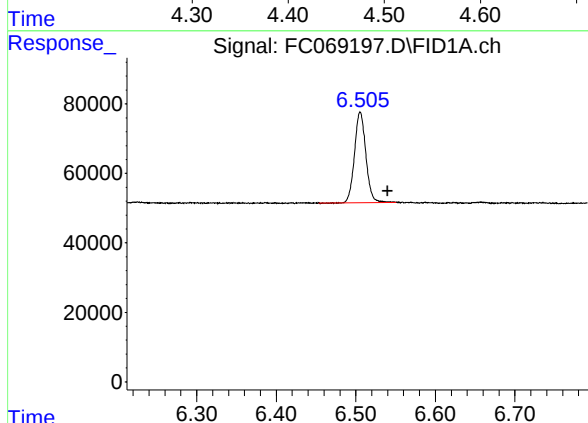
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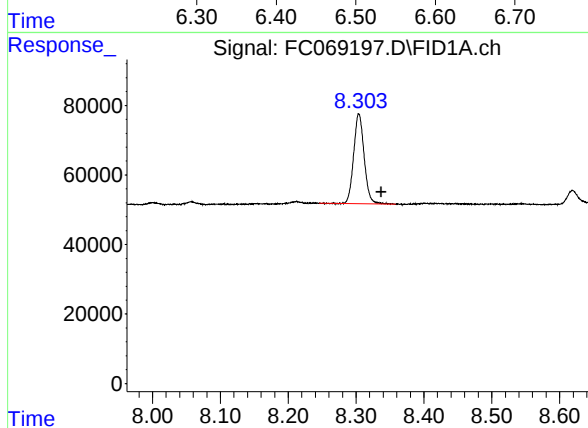
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.036 min
Response: 222461
Conc: 2.10 ug/ml



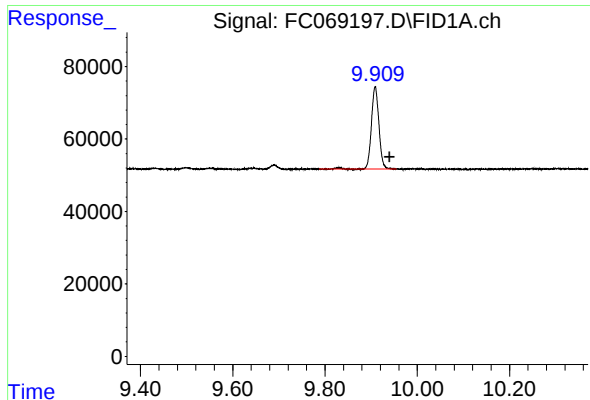
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.034 min
Response: 259055
Conc: 2.46 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: -0.033 min
Response: 279833
Conc: 2.73 ug/ml



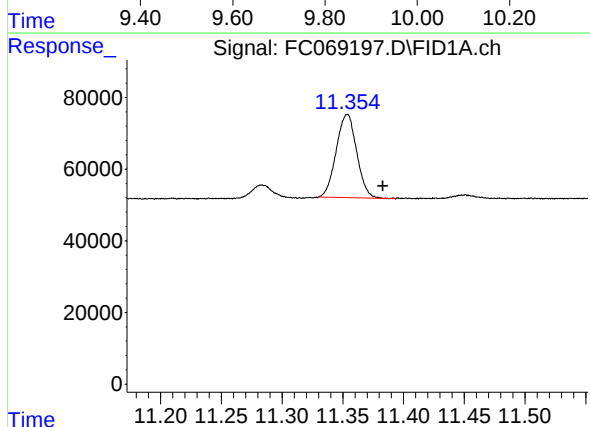
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.031 min
Response: 258926
Conc: 2.55 ug/ml

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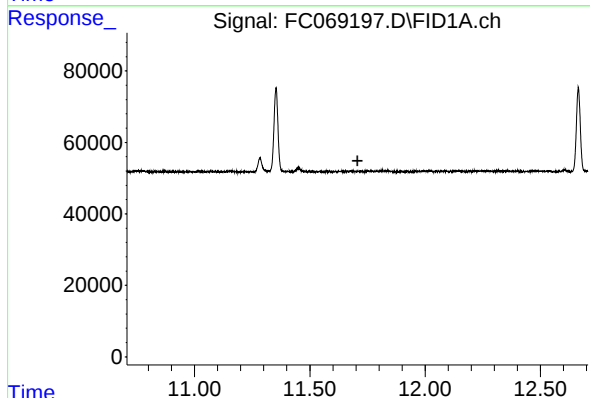
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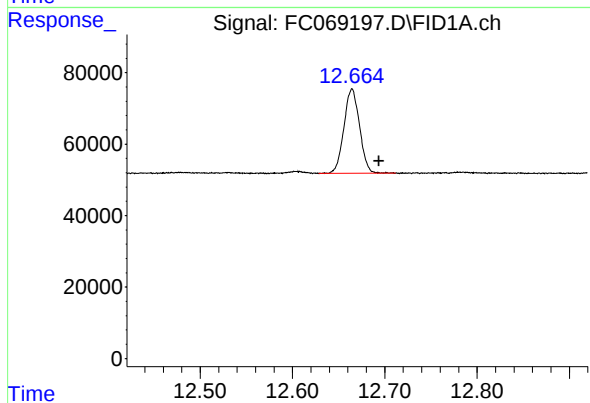
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.030 min
Response: 271379
Conc: 2.72 ug/ml



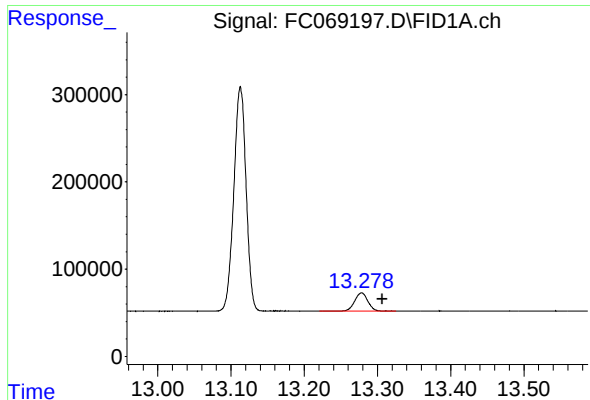
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.029 min
Response: 277413
Conc: 2.85 ug/ml



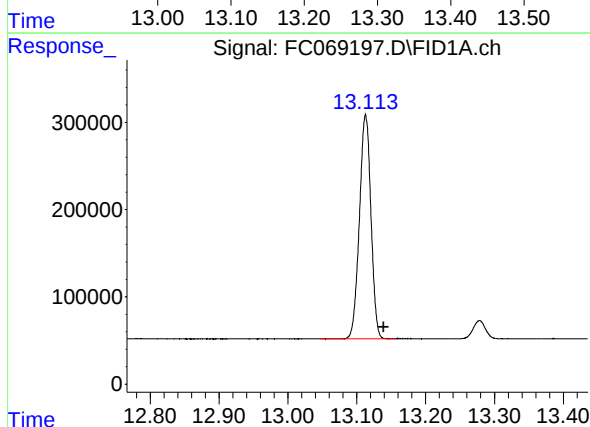
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.029 min
Response: 258074
Conc: 2.68 ug/ml

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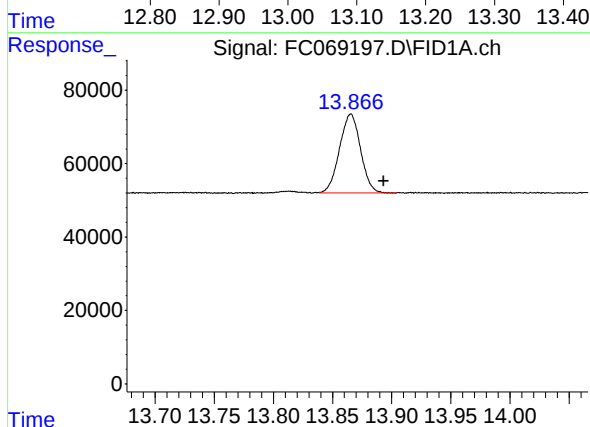
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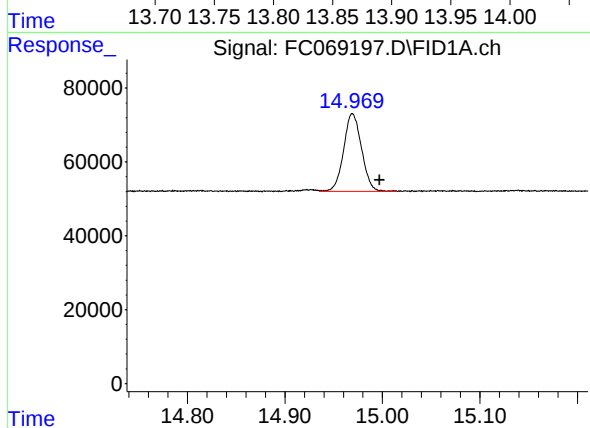
#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.026 min
Response: 2983201
Conc: 33.25 ug/ml



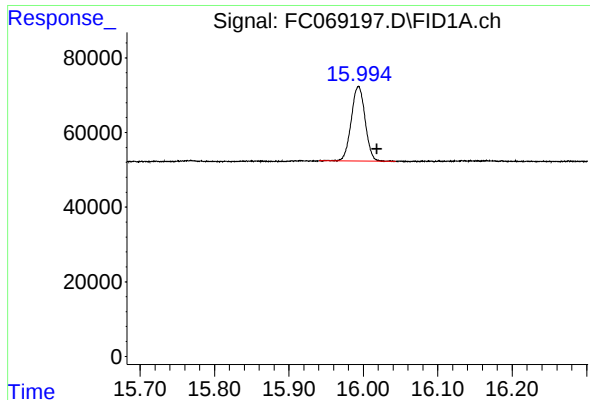
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.028 min
Response: 265966
Conc: 2.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.028 min
Response: 269461
Conc: 2.86 ug/ml m



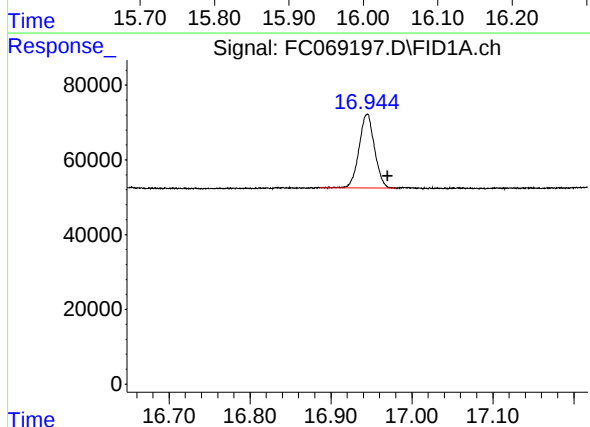
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: -0.025 min
Response: 259723
Conc: 2.80 ug/ml

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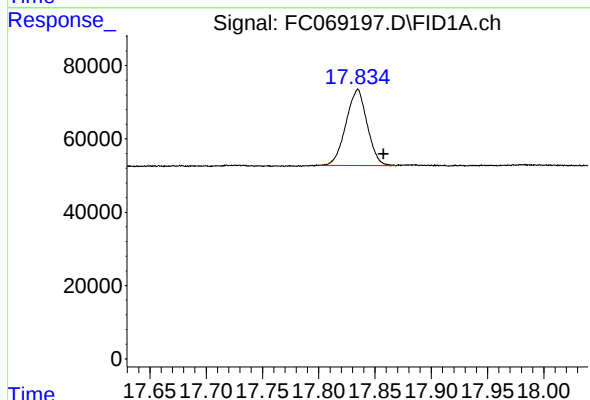
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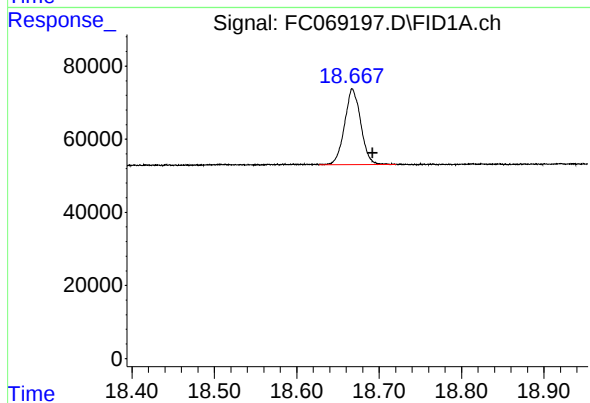
#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.025 min
Response: 261458
Conc: 2.81 ug/ml



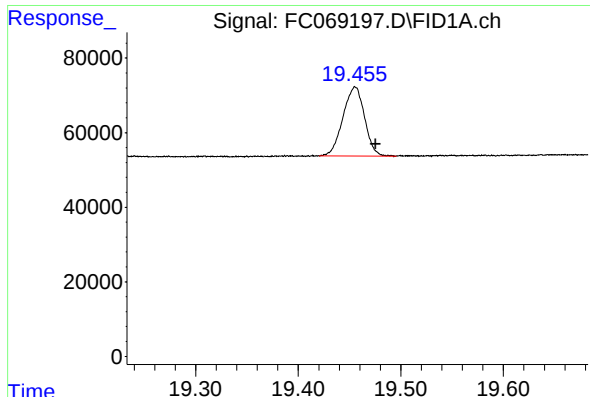
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.023 min
Response: 271484
Conc: 2.81 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: -0.024 min
Response: 284651
Conc: 2.87 ug/ml



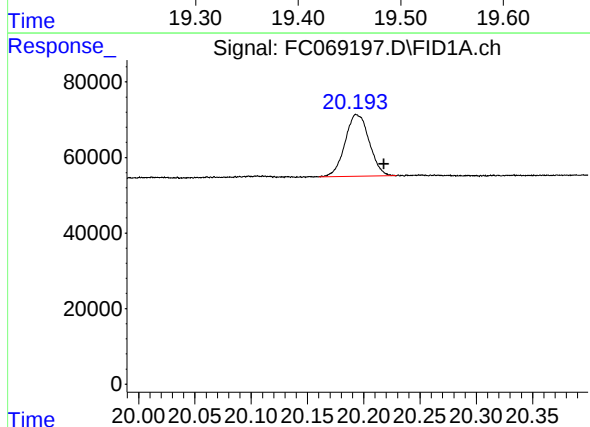
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: -0.020 min
Response: 270132
Conc: 2.80 ug/ml

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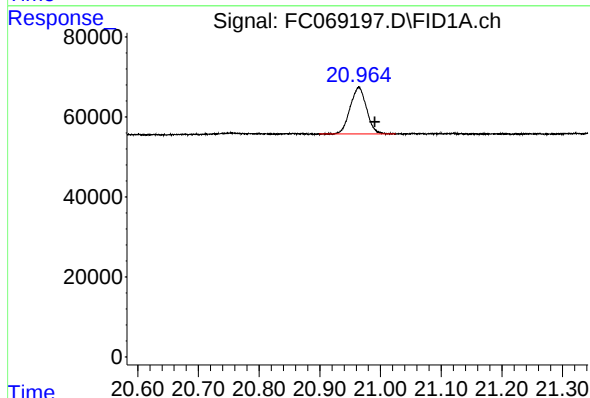
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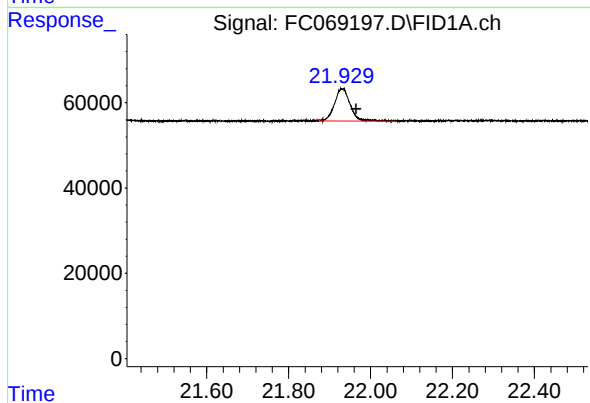
#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.024 min
Response: 242829
Conc: 2.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: -0.027 min
Response: 219873
Conc: 2.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.929 min
Delta R.T.: -0.036 min
Response: 200557
Conc: 2.27 ug/ml m