

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
 Data File : FC069176.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2025 06:44
 Operator : YP/AJ
 Sample : Q2126-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 07:13:40 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...	13.114	2926813	32.624 ug/ml
Spiked Amount 50.000		Recovery =	65.25%
Target Compounds			
1) T n-Nonane (C9)	3.403	146267	1.378 ug/mlm
2) T n-Decane (C10)	4.479	177144	1.673 ug/mlm
4) T n-Dodecane (C12)	6.506	194843	1.853 ug/ml
6) T n-Tetradecane (C14)	8.305	219847	2.145 ug/ml
7) T n-Hexadecane (C16)	9.910	192465	1.897 ug/ml
8) T n-Octadecane (C18)	11.354	201468	2.016 ug/ml
10) T n-Eicosane (C20)	12.665	205371	2.109 ug/ml
11) T n-Heneicosane (C21)	13.279	187707	1.950 ug/ml
13) T n-Docosane (C22)	13.866	197045	2.068 ug/ml
14) T n-Tetracosane (C24)	14.971	200852	2.133 ug/ml
15) T n-Hexacosane (C26)	15.994	194041	2.090 ug/ml
16) T n-Octacosane (C28)	16.946	199413	2.145 ug/ml
17) T n-Tricontane (C30)	17.835	214533	2.217 ug/ml
18) T n-Dotriacontane (C32)	18.670	225497	2.275 ug/ml
19) T n-Tetratriacontane (C34)	19.456	210572	2.185 ug/ml
20) T n-Hexatriacontane (C36)	20.198	186081	1.960 ug/ml
21) T n-Octatriacontane (C38)	20.967	168482	1.847 ug/ml
22) T n-Tetracontane (C40)	21.933	165572	1.876 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q2126-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

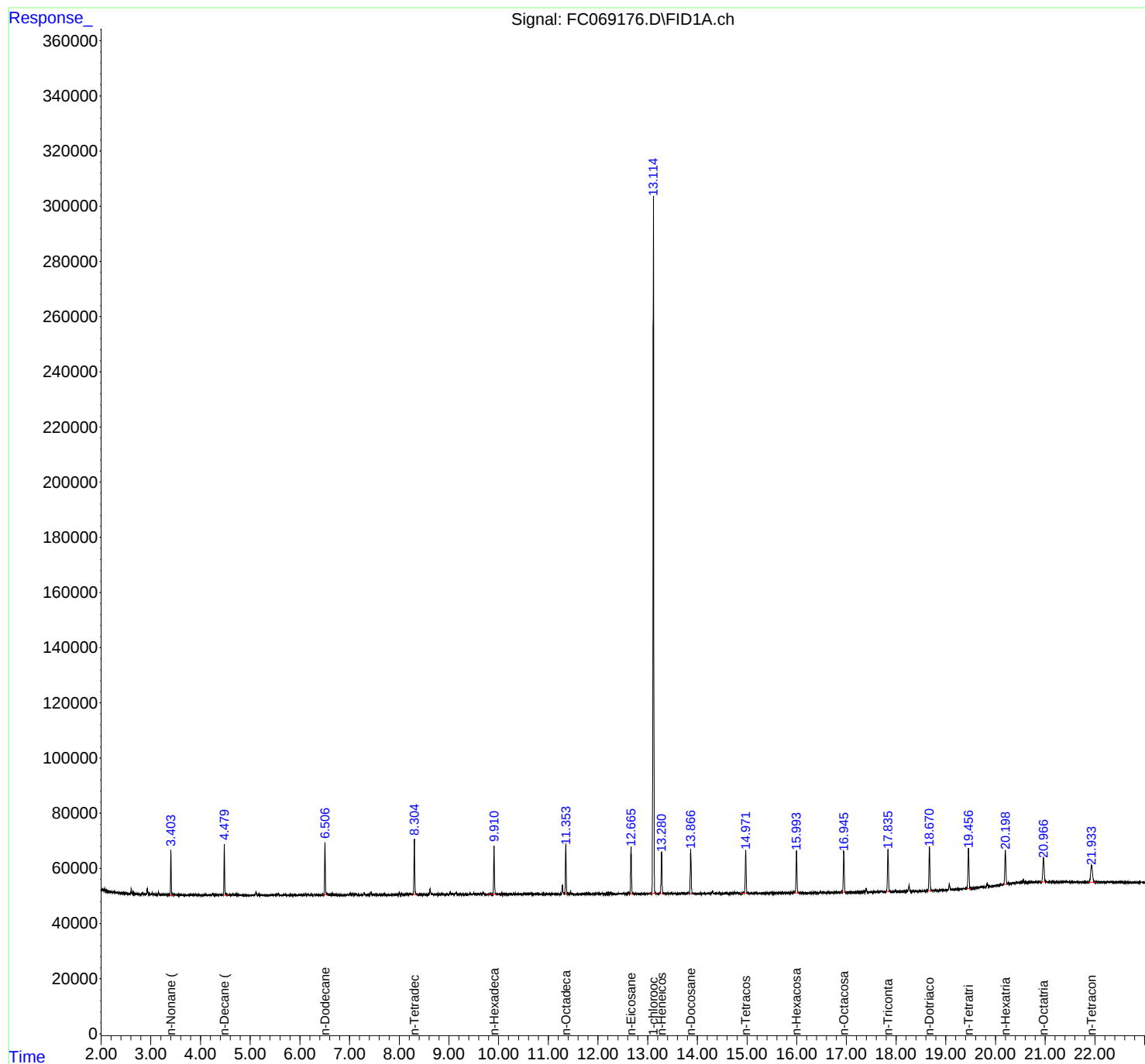
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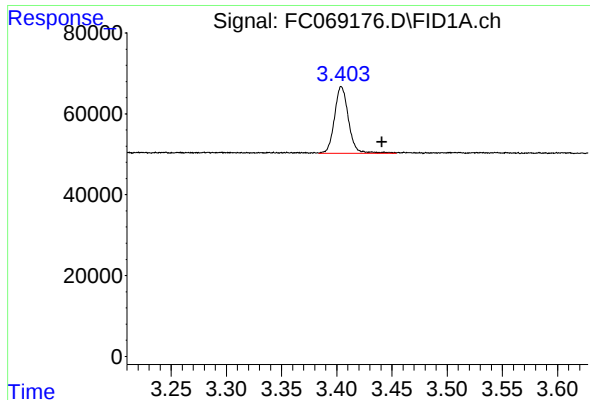
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.038 min
Response: 146267
Conc: 1.38 ug/ml

Instrument :

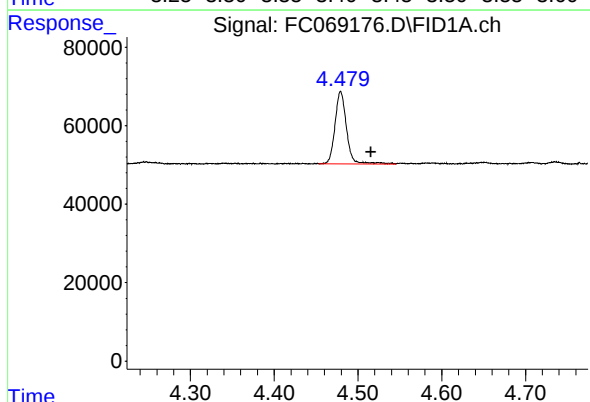
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ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

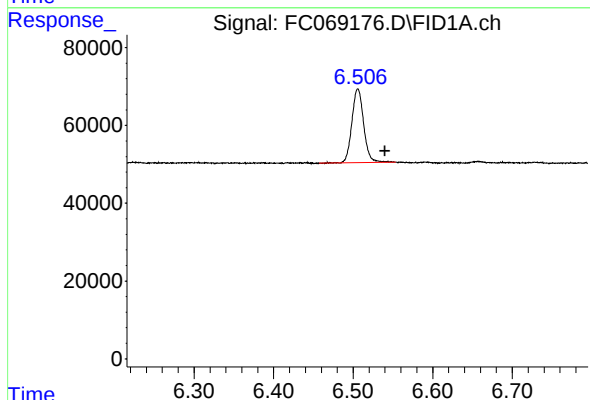
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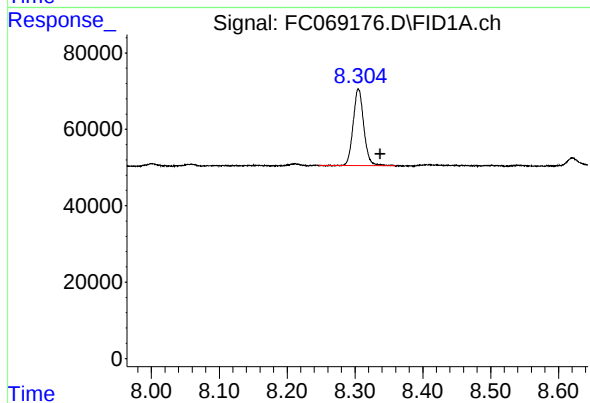
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.037 min
Response: 177144
Conc: 1.67 ug/ml m



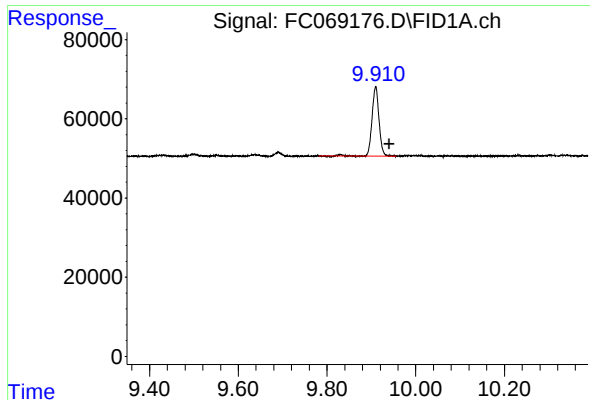
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.034 min
Response: 194843
Conc: 1.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.032 min
Response: 219847
Conc: 2.14 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.030 min
Response: 192465
Conc: 1.90 ug/ml

Instrument :

FID_C

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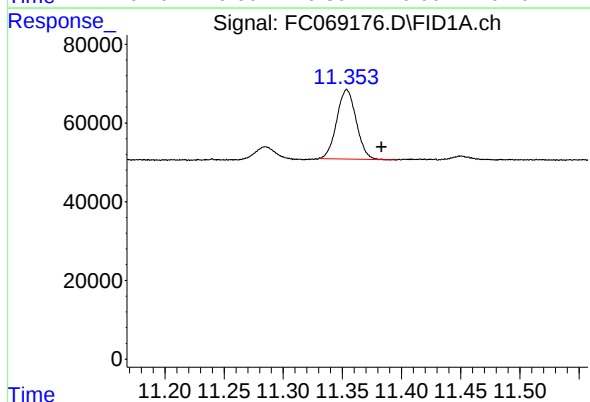
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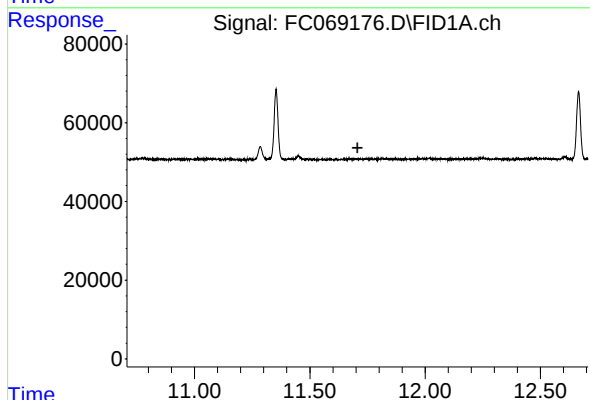
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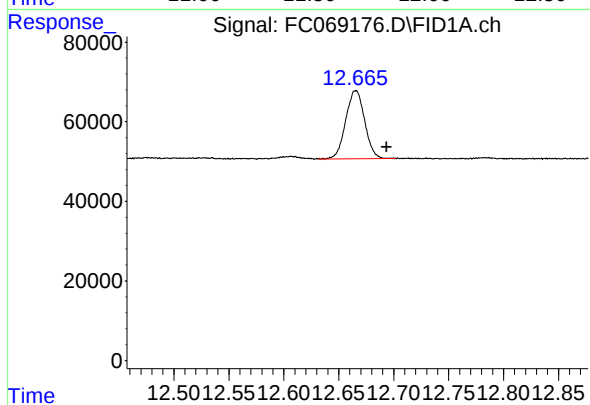
#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.030 min
Response: 201468
Conc: 2.02 ug/ml



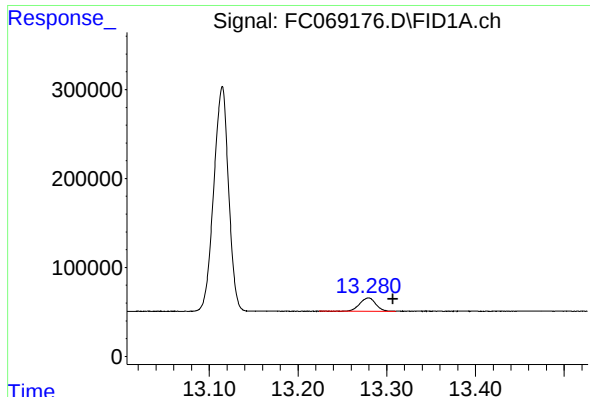
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.028 min
Response: 205371
Conc: 2.11 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.028 min
Response: 187707
Conc: 1.95 ug/ml

Instrument :

FID_C

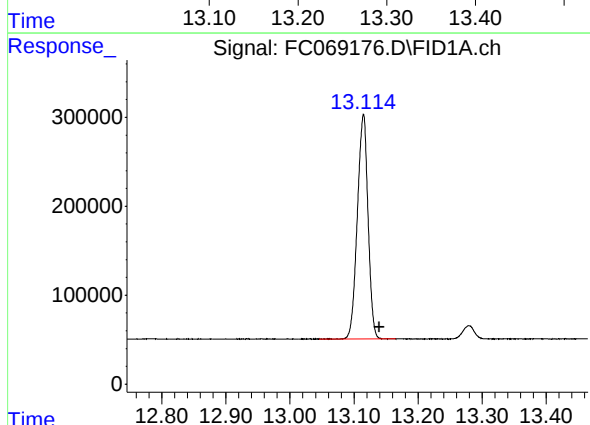
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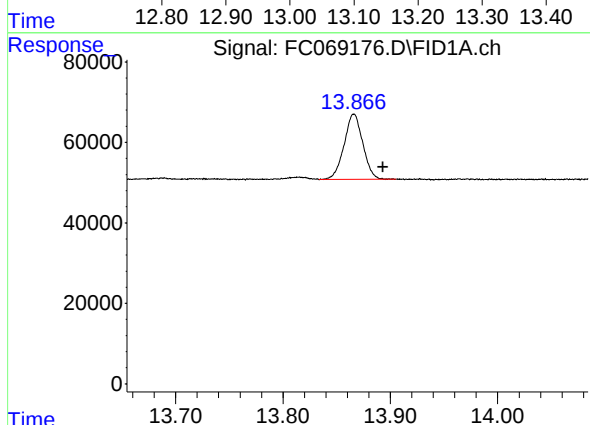
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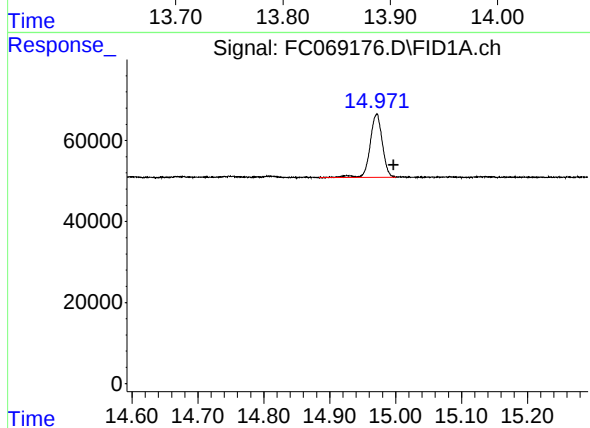
#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.025 min
Response: 2926813
Conc: 32.62 ug/ml



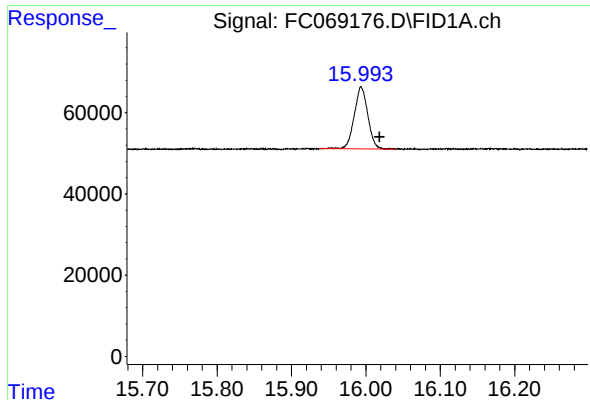
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.027 min
Response: 197045
Conc: 2.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: -0.026 min
Response: 200852
Conc: 2.13 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.025 min
Response: 194041
Conc: 2.09 ug/ml

Instrument :

FID_C

ClientSampleId :

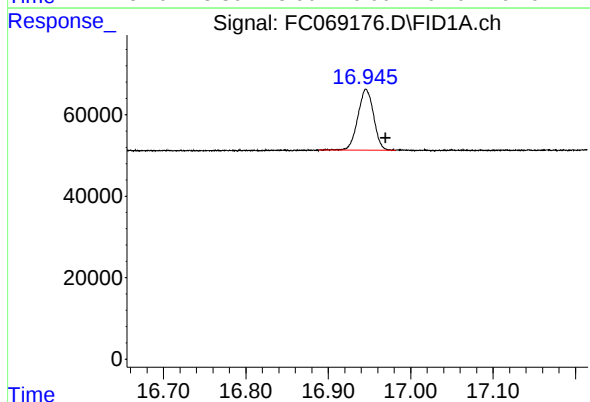
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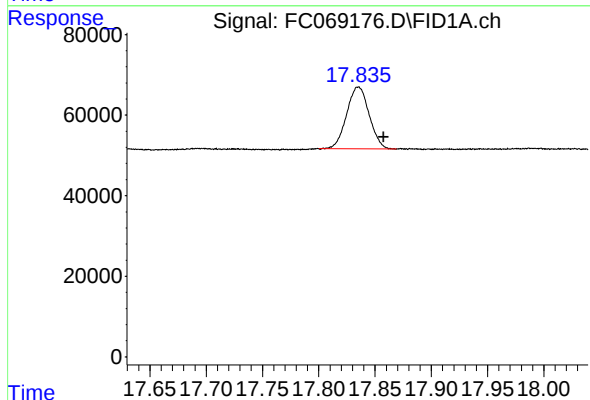
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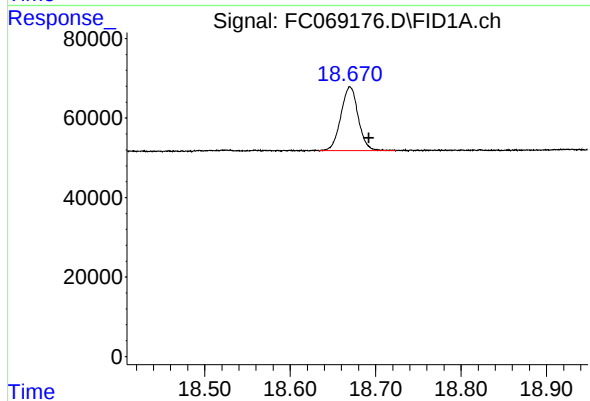
#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: -0.024 min
Response: 199413
Conc: 2.15 ug/ml



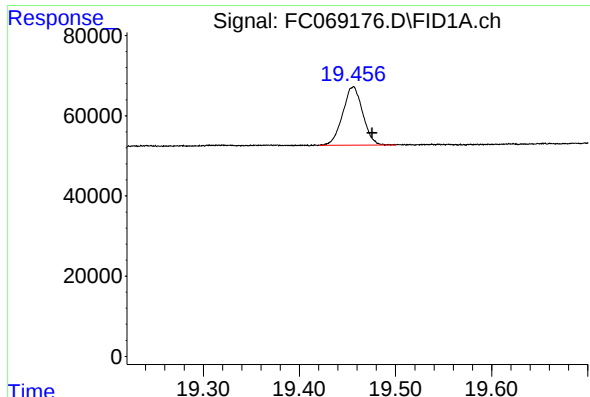
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.023 min
Response: 214533
Conc: 2.22 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.022 min
Response: 225497
Conc: 2.28 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.020 min
Response: 210572
Conc: 2.18 ug/ml

Instrument :

FID_C

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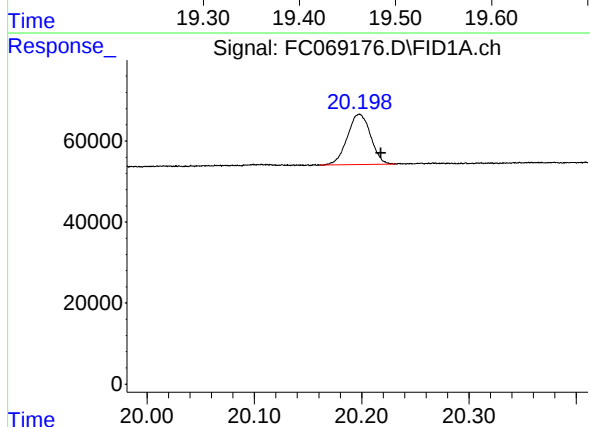
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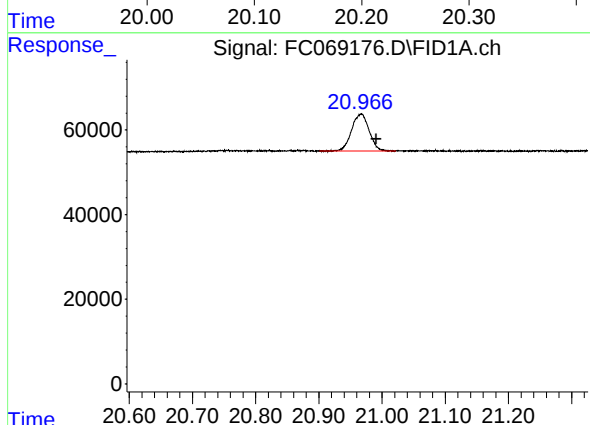
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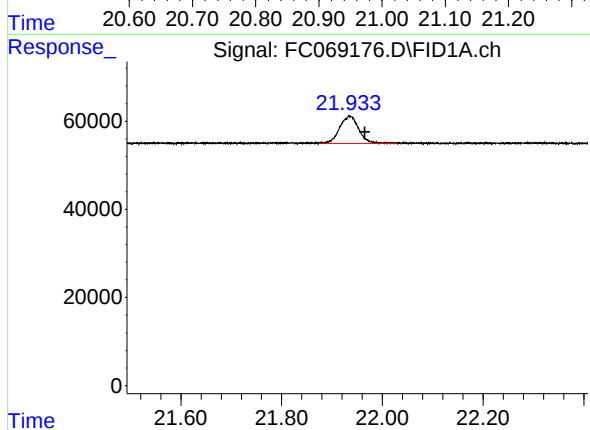
#20 n-Hexatriacontane (C36)

R.T.: 20.198 min
Delta R.T.: -0.020 min
Response: 186081
Conc: 1.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: -0.024 min
Response: 168482
Conc: 1.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.032 min
Response: 165572
Conc: 1.88 ug/ml m