

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100225AL\
 Data File : FC069902.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2025 18:39
 Operator : YP/AJ
 Sample : PB169929BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169929BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 04:30:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 Qlast Update : Tue Sep 23 14:56:40 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			
9) S ortho-Terphenyl (SURR)	11.648	7746496	41.359 ug/ml
Spiked Amount 50.000		Recovery =	82.72%
12) S 1-chlorooctadecane (S...	13.082	6206659	39.303 ug/ml
Spiked Amount 50.000		Recovery =	78.61%
Target Compounds			
1) T n-Nonane (C9)	3.398	6811132	53.132 ug/ml
2) T n-Decane (C10)	4.464	7459813	56.140 ug/ml
3) T A~Naphthalene (C11.7)	6.053	8571885	57.743 ug/ml
4) T n-Dodecane (C12)	6.482	8103172	58.088 ug/ml
5) T A~2-methylnaphthalene...	7.111	8152010	55.214 ug/ml
6) T n-Tetradecane (C14)	8.281	8382355	56.516 ug/ml
7) T n-Hexadecane (C16)	9.882	8784512	53.231 ug/ml
8) T n-Octadecane (C18)	11.327	8762107	49.164 ug/ml
10) T n-Eicosane (C20)	12.638	8883217	49.320 ug/ml
11) T n-Heneicosane (C21)	13.249	8419679	46.695 ug/ml
13) T n-Docosane (C22)	13.836	8206887	45.174 ug/ml
14) T n-Tetracosane (C24)	14.936	15340685	83.372 ug/ml
15) T n-Hexacosane (C26)	15.964	7458213	41.078 ug/ml
16) T n-Octacosane (C28)	16.912	7073884	40.072 ug/mlm
17) T n-Tricontane (C30)	17.802	6967446	39.807 ug/ml
18) T n-Dotriacontane (C32)	18.634	6503252	40.197 ug/mlm
19) T n-Tetratriacontane (C34)	19.417	6557229	46.920 ug/ml
20) T n-Hexatriacontane (C36)	20.158	5510851	48.812 ug/ml
21) T n-Octatriacontane (C38)	20.918	5081824	52.680 ug/mlm
22) T n-Tetracontane (C40)	21.868	4711295	54.701 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100225AL\
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Operator : YP/AJ
Sample : PB169929BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

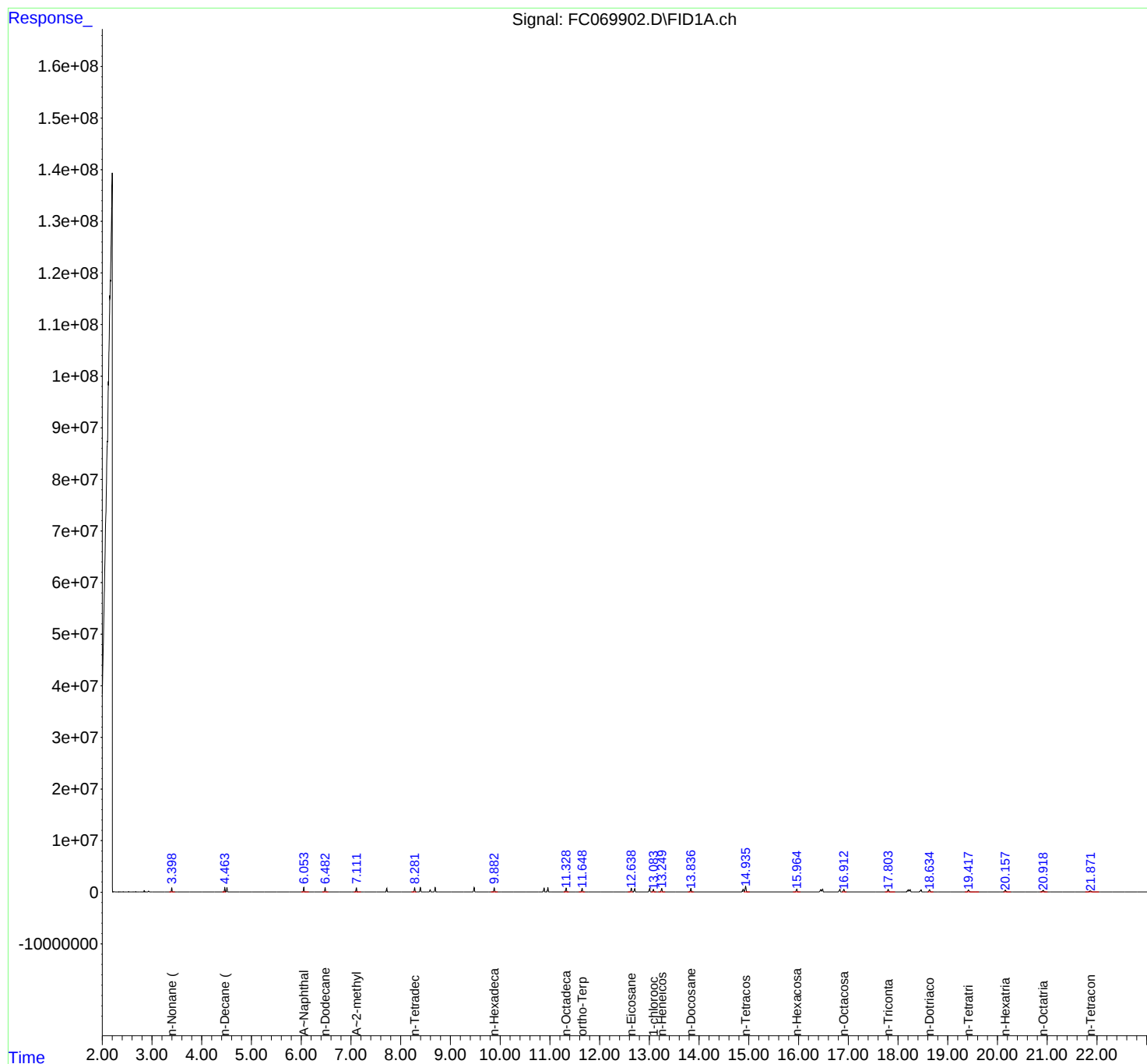
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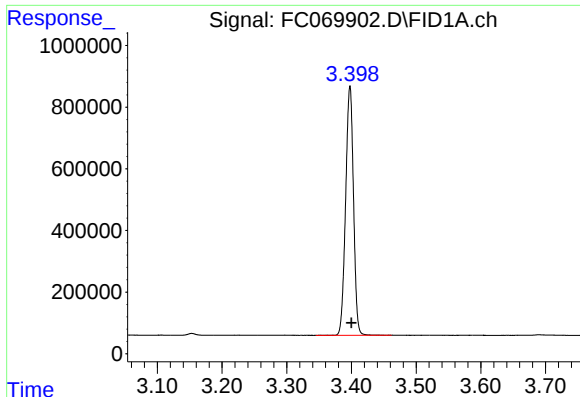
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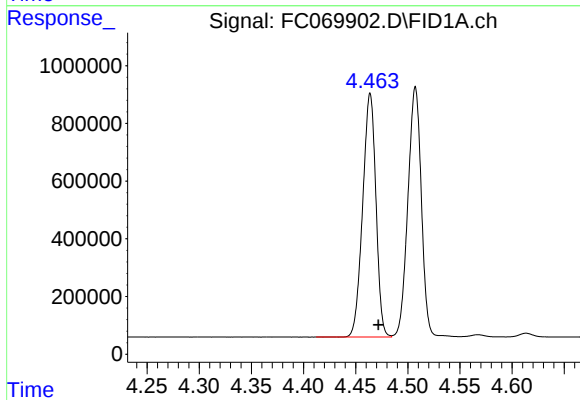
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: -0.002 min
Response: 6811132
Conc: 53.13 ug/ml

Instrument :
FID_C
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PB169929BSD

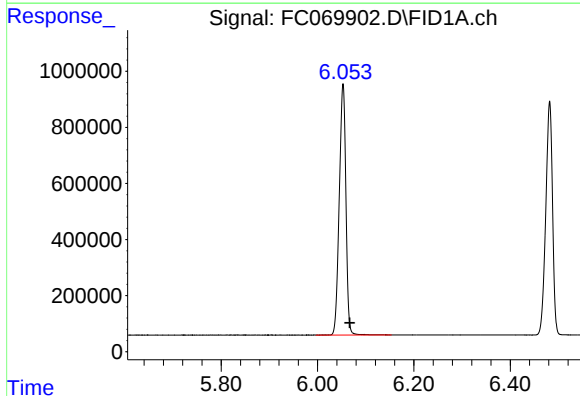
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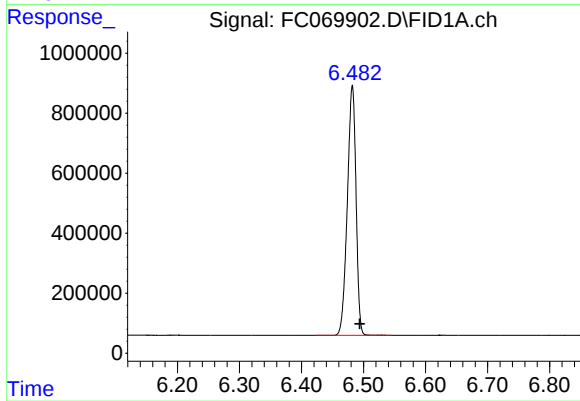
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.008 min
Response: 7459813
Conc: 56.14 ug/ml



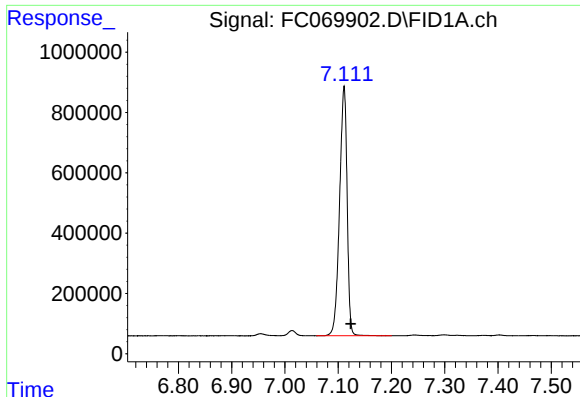
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.014 min
Response: 8571885
Conc: 57.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: -0.012 min
Response: 8103172
Conc: 58.09 ug/ml



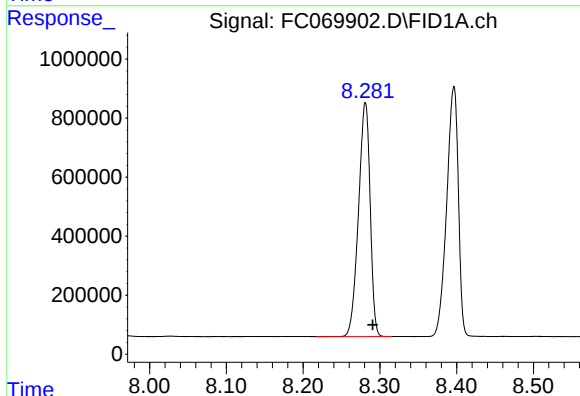
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.111 min
Delta R.T.: -0.013 min
Response: 8152010
Conc: 55.21 ug/ml

Instrument :
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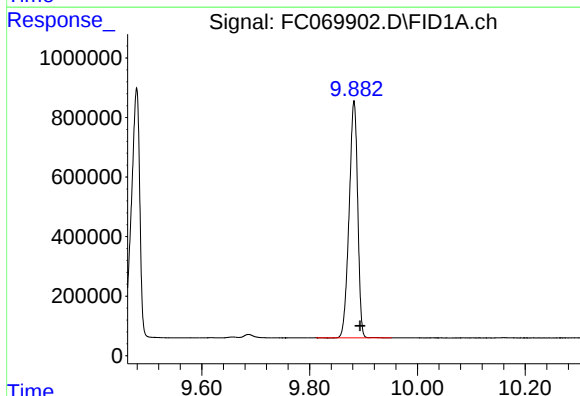
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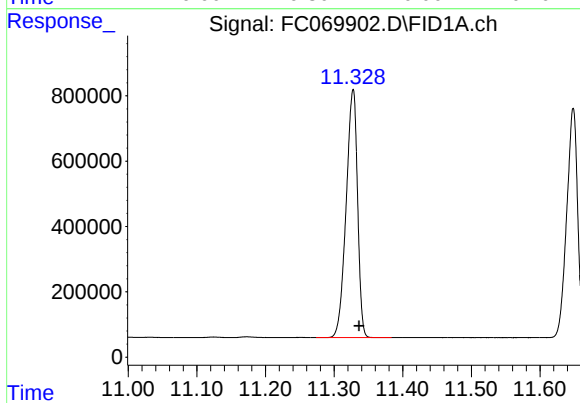
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.010 min
Response: 8382355
Conc: 56.52 ug/ml



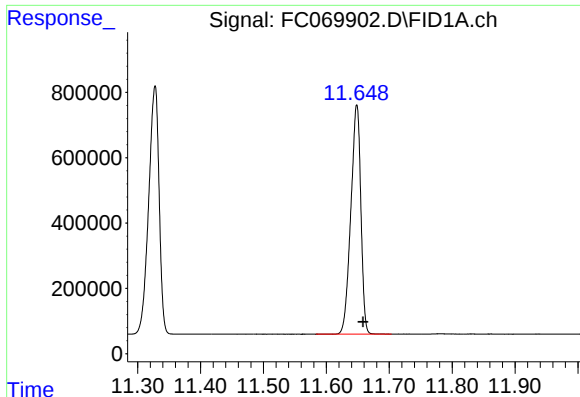
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: -0.011 min
Response: 8784512
Conc: 53.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.327 min
Delta R.T.: -0.009 min
Response: 8762107
Conc: 49.16 ug/ml



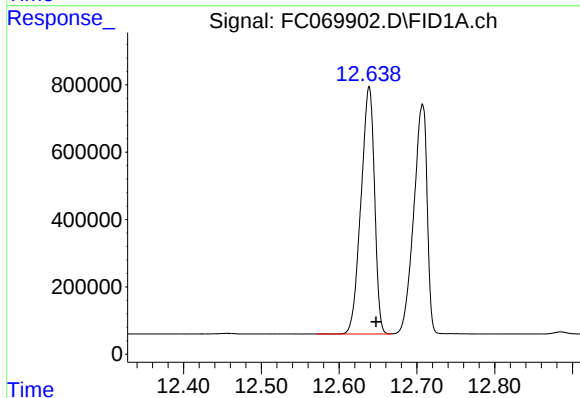
#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.010 min
Response: 7746496
Conc: 41.36 ug/ml

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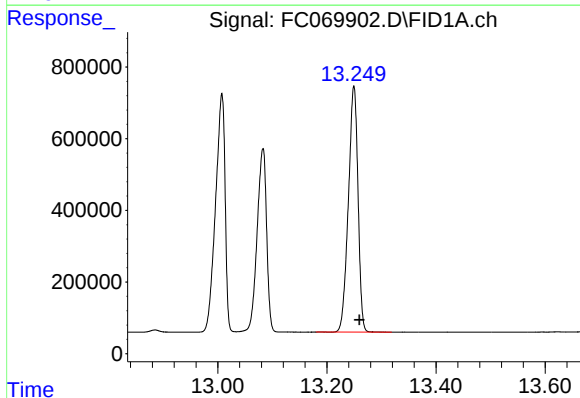
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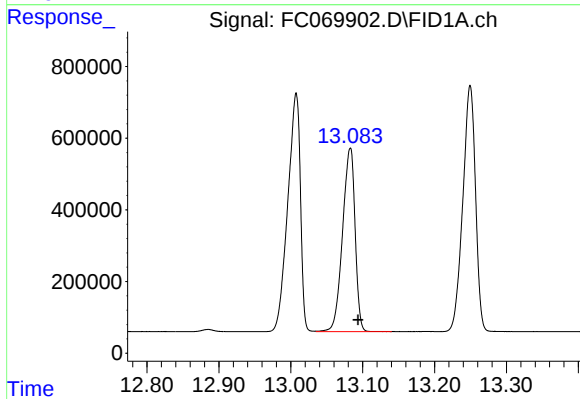
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.009 min
Response: 8883217
Conc: 49.32 ug/ml



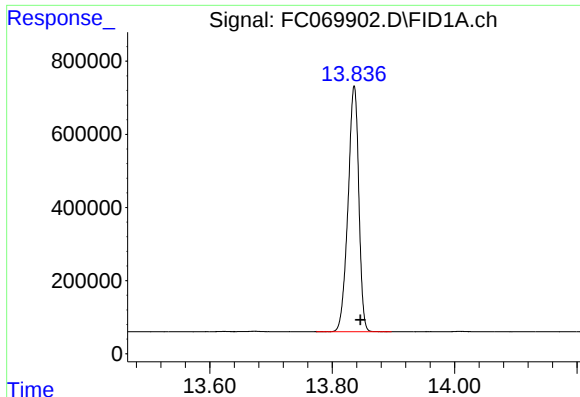
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.010 min
Response: 8419679
Conc: 46.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.011 min
Response: 6206659
Conc: 39.30 ug/ml



#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: -0.010 min
Response: 8206887
Conc: 45.17 ug/ml

Instrument :

FID_C

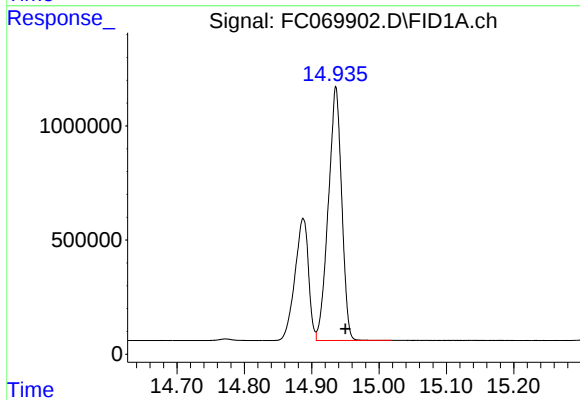
ClientSampleId :

PB169929BSD

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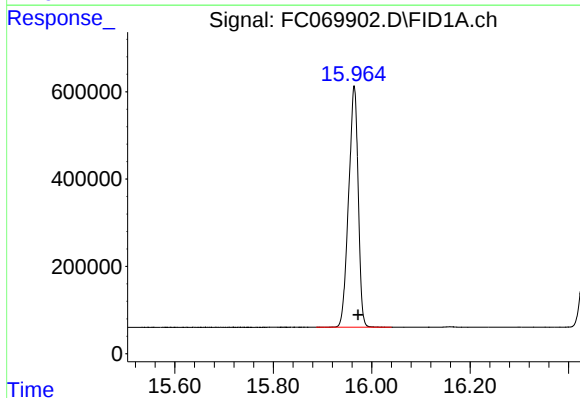
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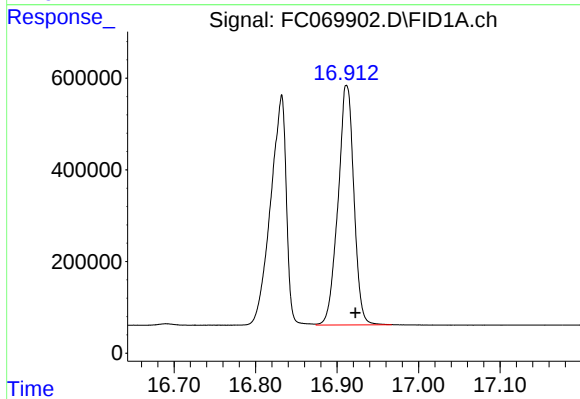
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: -0.015 min
Response: 15340685
Conc: 83.37 ug/ml



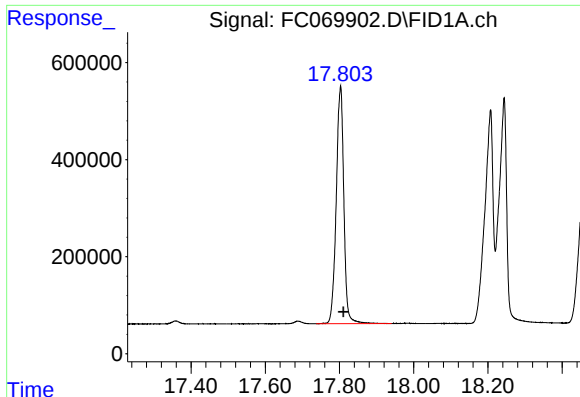
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: -0.008 min
Response: 7458213
Conc: 41.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: -0.011 min
Response: 7073884
Conc: 40.07 ug/ml m



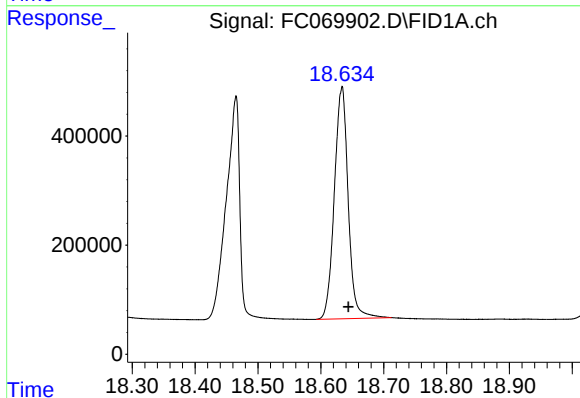
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: -0.008 min
Response: 6967446
Conc: 39.81 ug/ml

Instrument :
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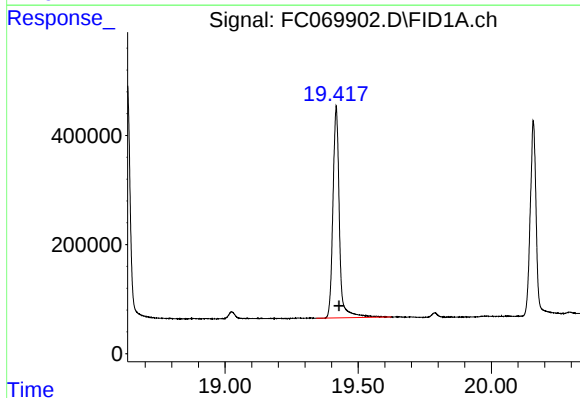
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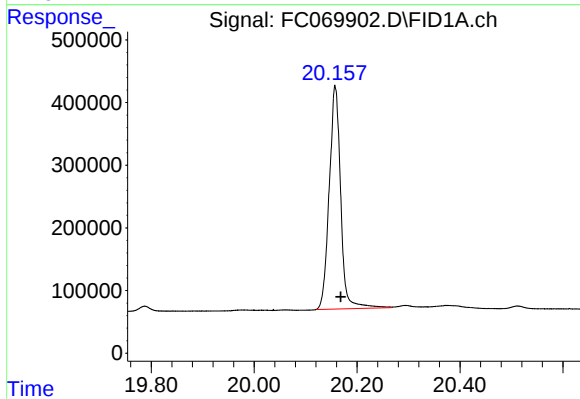
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.010 min
Response: 6503252
Conc: 40.20 ug/ml m



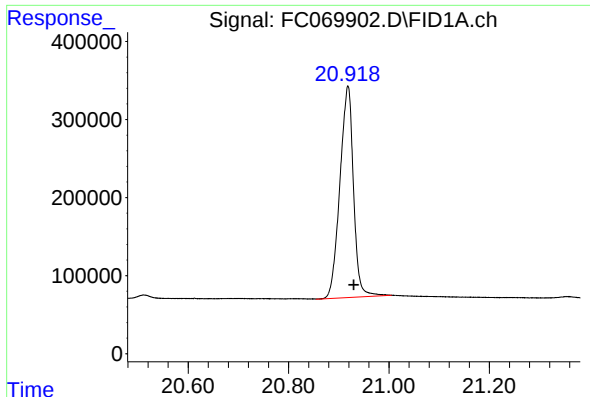
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.011 min
Response: 6557229
Conc: 46.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.158 min
Delta R.T.: -0.011 min
Response: 5510851
Conc: 48.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.012 min
Response: 5081824
Conc: 52.68 ug/ml

Instrument :

FID_C

ClientSampleId :

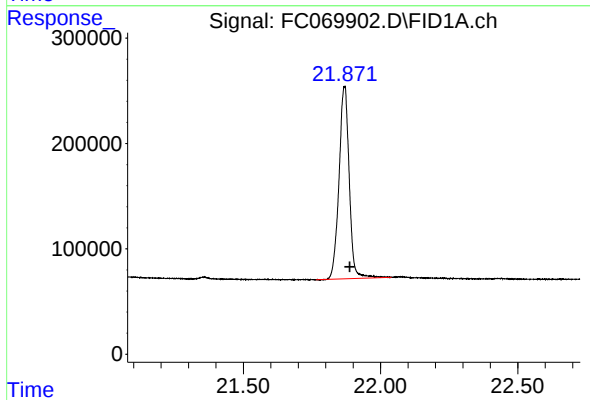
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#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: -0.020 min
Response: 4711295
Conc: 54.70 ug/ml