

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070118.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 12:10
 Operator : YP/AJ
 Sample : IDOC-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 IDOC-02

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File: autoint1.e
 Quant Time: Nov 04 03:26:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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			
12) S 1-chlorooctadecane (S...	13.076	4929342	36.314 ug/ml
Spiked Amount 50.000		Recovery =	72.63%
Target Compounds			
1) T n-Nonane (C9)	3.376	2768351	20.160 ug/ml
2) T n-Decane (C10)	4.447	3518133	24.472 ug/ml
4) T n-Dodecane (C12)	6.471	4312938	28.138 ug/ml
6) T n-Tetradecane (C14)	8.270	4769273	29.987 ug/ml
7) T n-Hexadecane (C16)	9.874	5138794	30.493 ug/ml
8) T n-Octadecane (C18)	11.317	5441328	31.983 ug/ml
10) T n-Eicosane (C20)	12.629	5626115	35.068 ug/ml
11) T n-Heneicosane (C21)	13.242	5399802	34.776 ug/ml
13) T n-Docosane (C22)	13.829	5356663	34.807 ug/ml
14) T n-Tetracosane (C24)	14.932	5209269	34.355 ug/ml
15) T n-Hexacosane (C26)	15.956	4967137	34.318 ug/ml
16) T n-Octacosane (C28)	16.906	4813339	34.803 ug/ml
17) T n-Tricontane (C30)	17.796	4909468	35.958 ug/ml
18) T n-Dotriacontane (C32)	18.629	4942739	38.336 ug/mlm
19) T n-Tetratriacontane (C34)	19.413	4747168	41.606 ug/ml
20) T n-Hexatriacontane (C36)	20.155	4298614	44.448 ug/mlm
21) T n-Octatriacontane (C38)	20.913	4109747	47.152 ug/mlm
22) T n-Tetracontane (C40)	21.864	3889232	47.336 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 12 Sample Multiplier: 1

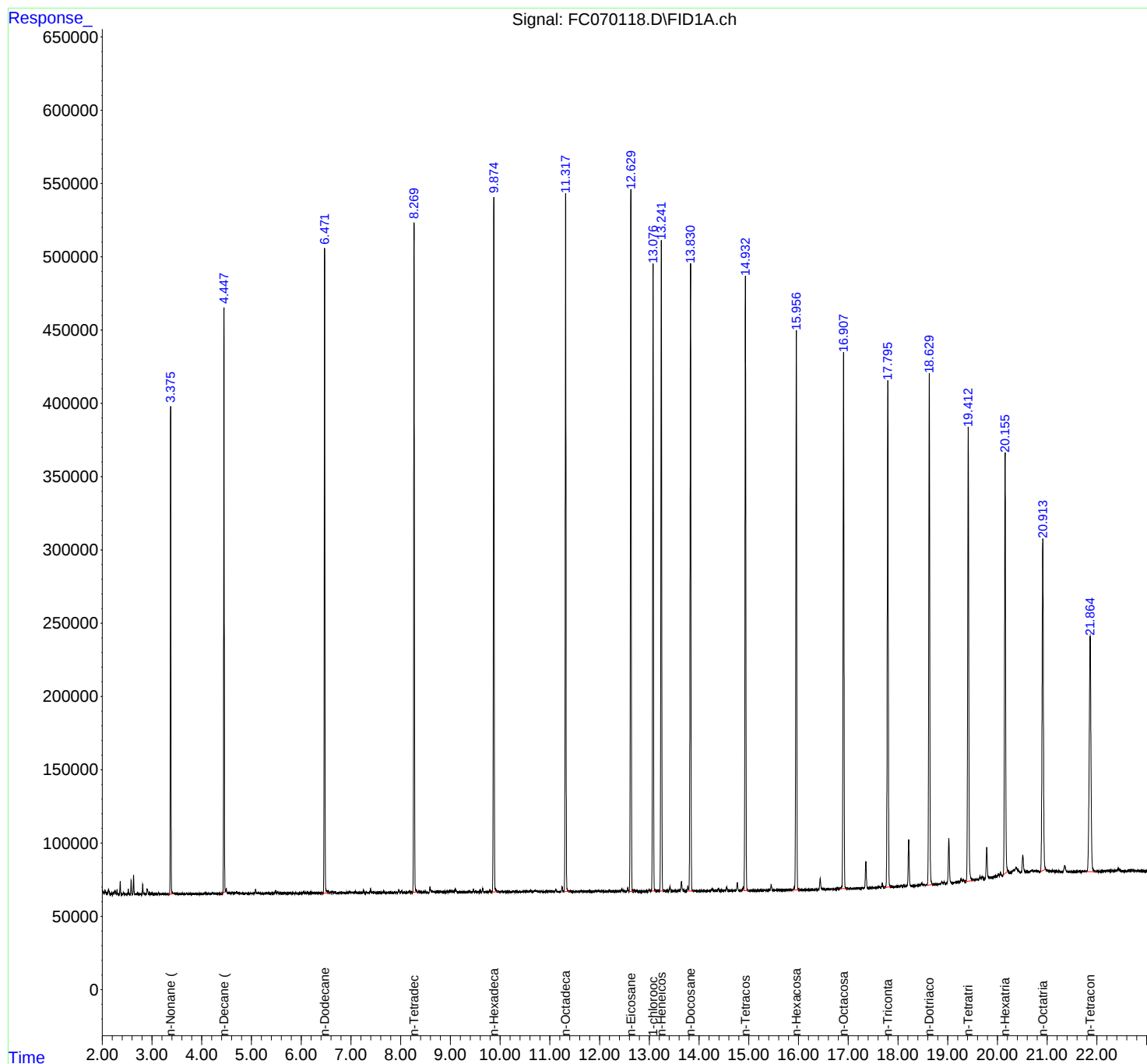
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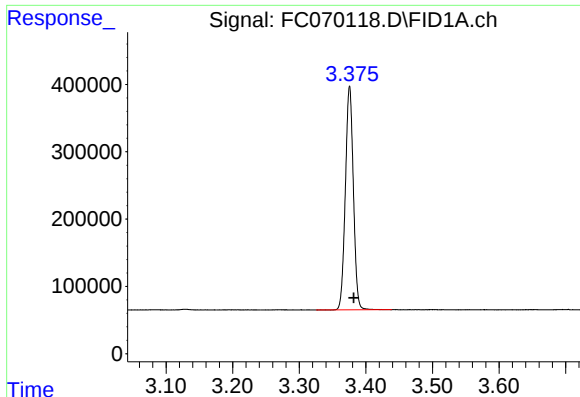
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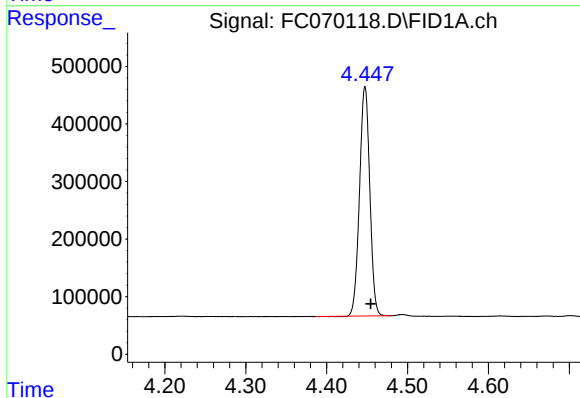
#1 n-Nonane (C9)

R.T.: 3.376 min
Delta R.T.: -0.006 min
Response: 2768351
Conc: 20.16 ug/ml

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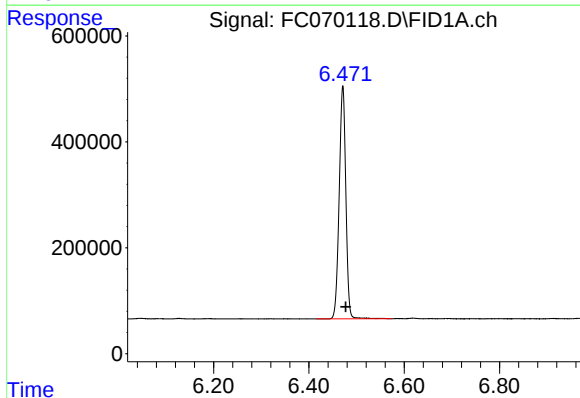
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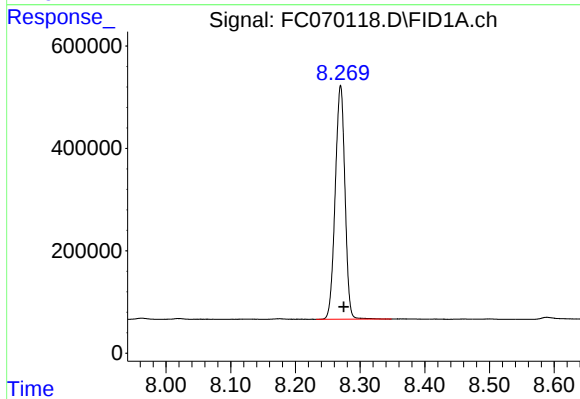
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.007 min
Response: 3518133
Conc: 24.47 ug/ml



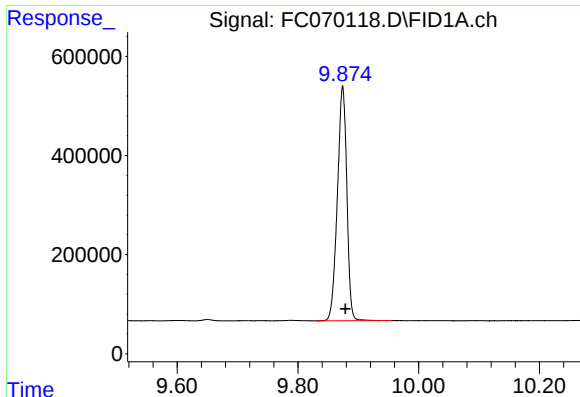
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 4312938
Conc: 28.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: -0.005 min
Response: 4769273
Conc: 29.99 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.004 min
Response: 5138794
Conc: 30.49 ug/ml

Instrument :

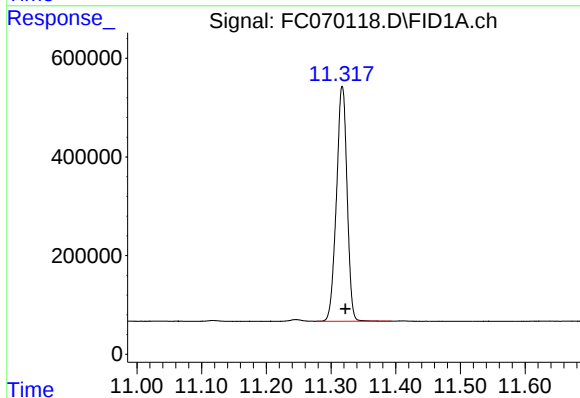
FID_C

ClientSampleId :

IDOC-02

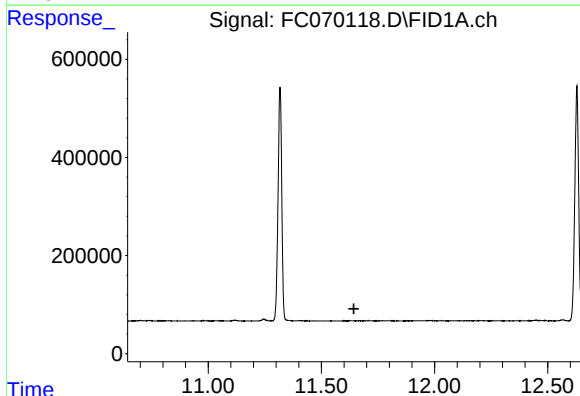
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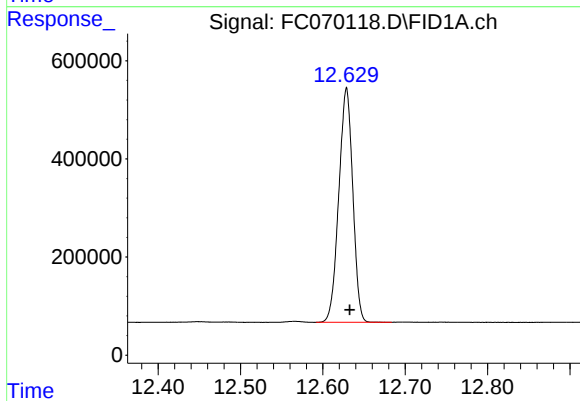
#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.005 min
Response: 5441328
Conc: 31.98 ug/ml



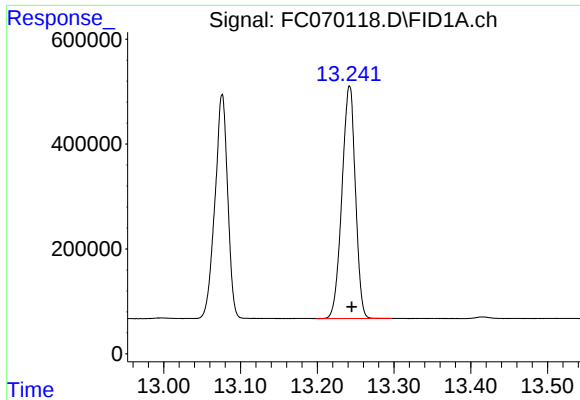
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.644 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.004 min
Response: 5626115
Conc: 35.07 ug/ml



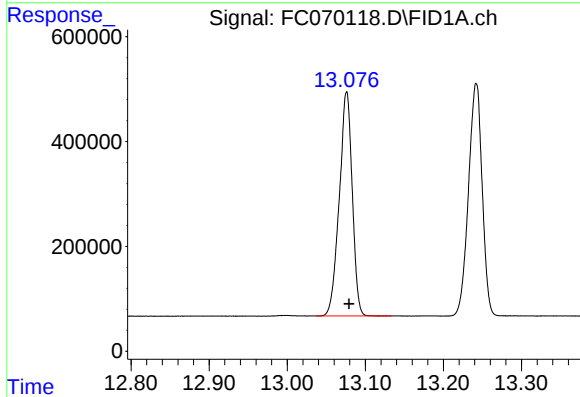
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: -0.003 min
Response: 5399802
Conc: 34.78 ug/ml

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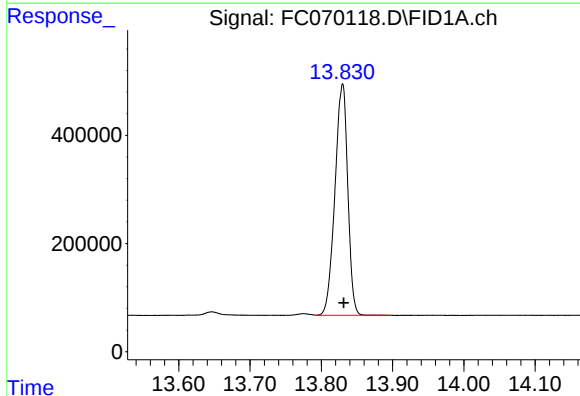
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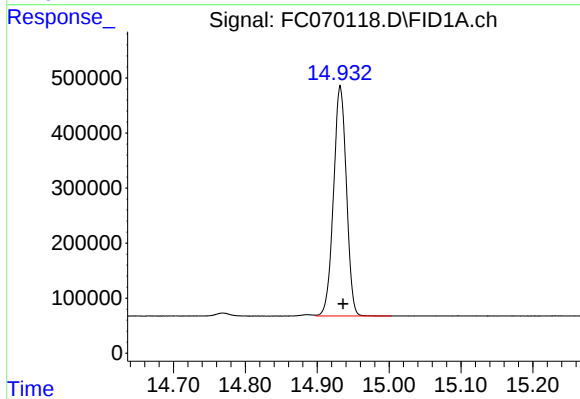
#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min
Delta R.T.: -0.003 min
Response: 4929342
Conc: 36.31 ug/ml



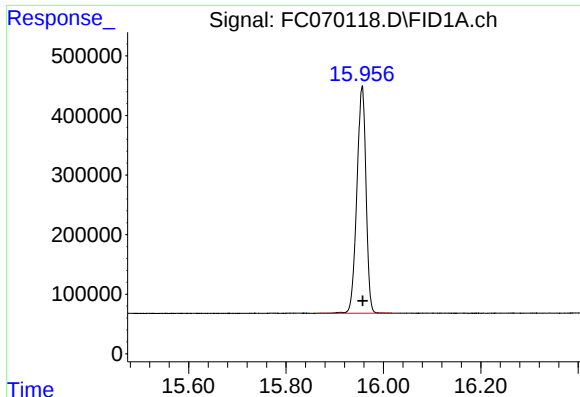
#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: -0.002 min
Response: 5356663
Conc: 34.81 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.004 min
Response: 5209269
Conc: 34.36 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.002 min
Response: 4967137
Conc: 34.32 ug/ml

Instrument :

FID_C

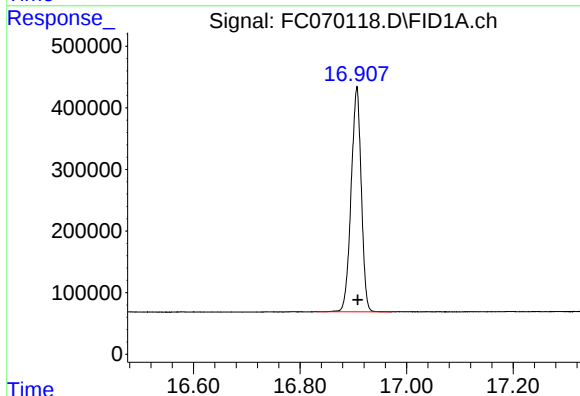
ClientSampleId :

IDOC-02

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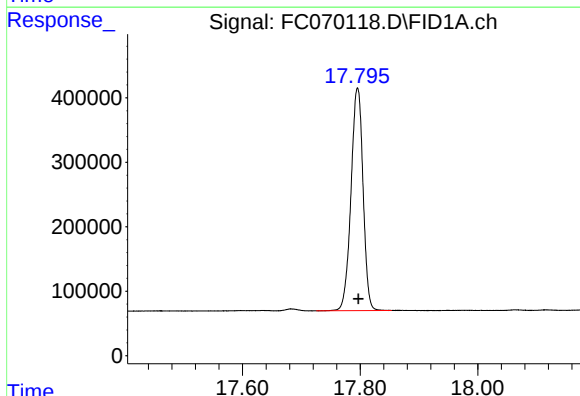
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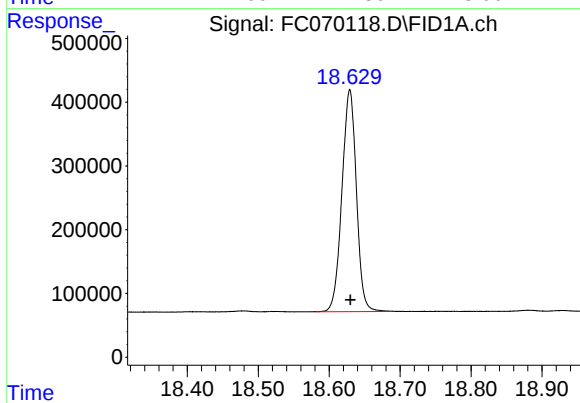
#16 n-Octacosane (C28)

R.T.: 16.906 min
Delta R.T.: -0.002 min
Response: 4813339
Conc: 34.80 ug/ml



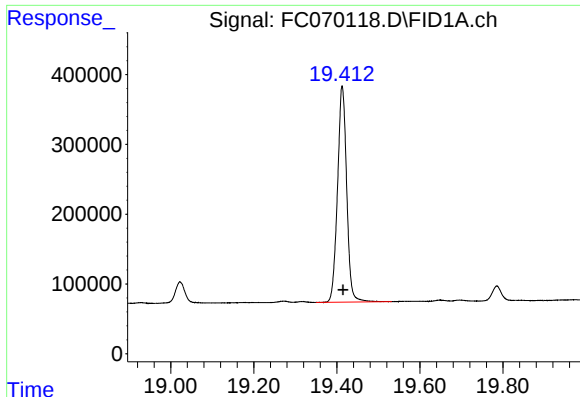
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.001 min
Response: 4909468
Conc: 35.96 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.001 min
Response: 4942739
Conc: 38.34 ug/ml m



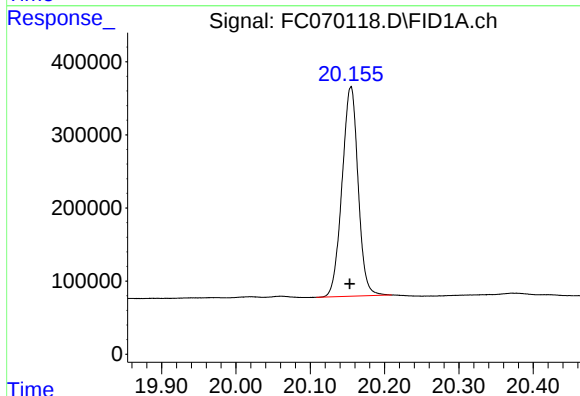
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: -0.002 min
Response: 4747168
Conc: 41.61 ug/ml

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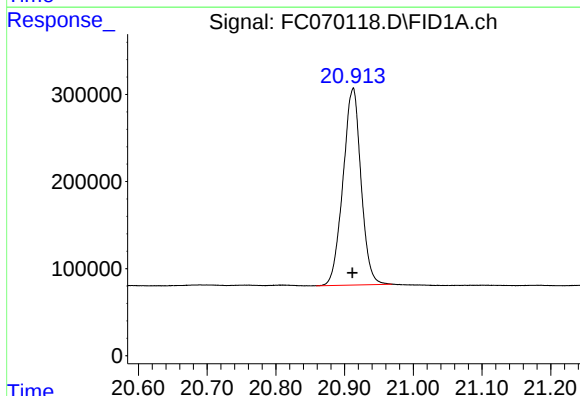
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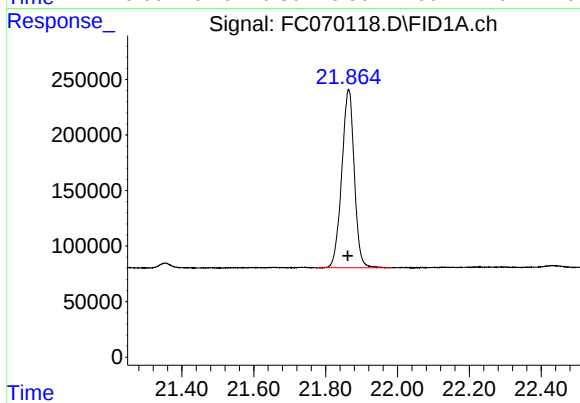
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: 0.002 min
Response: 4298614
Conc: 44.45 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: 0.001 min
Response: 4109747
Conc: 47.15 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: 0.003 min
Response: 3889232
Conc: 47.34 ug/ml