

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070119.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 12:49
 Operator : YP/AJ
 Sample : IDOC-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 IDOC-03

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 03:26:30 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...	13.075	5051080	37.211 ug/ml
Spiked Amount 50.000		Recovery =	74.42%
Target Compounds			
1) T n-Nonane (C9)	3.378	2787211	20.298 ug/ml
2) T n-Decane (C10)	4.449	3582401	24.919 ug/ml
4) T n-Dodecane (C12)	6.472	4393464	28.664 ug/ml
6) T n-Tetradecane (C14)	8.270	4892881	30.764 ug/ml
7) T n-Hexadecane (C16)	9.874	5310326	31.511 ug/ml
8) T n-Octadecane (C18)	11.317	5618687	33.026 ug/ml
10) T n-Eicosane (C20)	12.628	5783003	36.046 ug/ml
11) T n-Heneicosane (C21)	13.241	5535920	35.653 ug/ml
13) T n-Docosane (C22)	13.828	5475126	35.577 ug/ml
14) T n-Tetracosane (C24)	14.933	5321148	35.093 ug/ml
15) T n-Hexacosane (C26)	15.955	5033586	34.777 ug/ml
16) T n-Octacosane (C28)	16.906	4884462	35.317 ug/ml
17) T n-Tricontane (C30)	17.796	5006174	36.666 ug/ml
18) T n-Dotriacontane (C32)	18.629	5024043	38.966 ug/mlm
19) T n-Tetratriacontane (C34)	19.413	4838004	42.402 ug/ml
20) T n-Hexatriacontane (C36)	20.153	4396640	45.462 ug/mlm
21) T n-Octatriacontane (C38)	20.912	4212543	48.332 ug/mlm
22) T n-Tetracontane (C40)	21.861	3947971	48.051 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

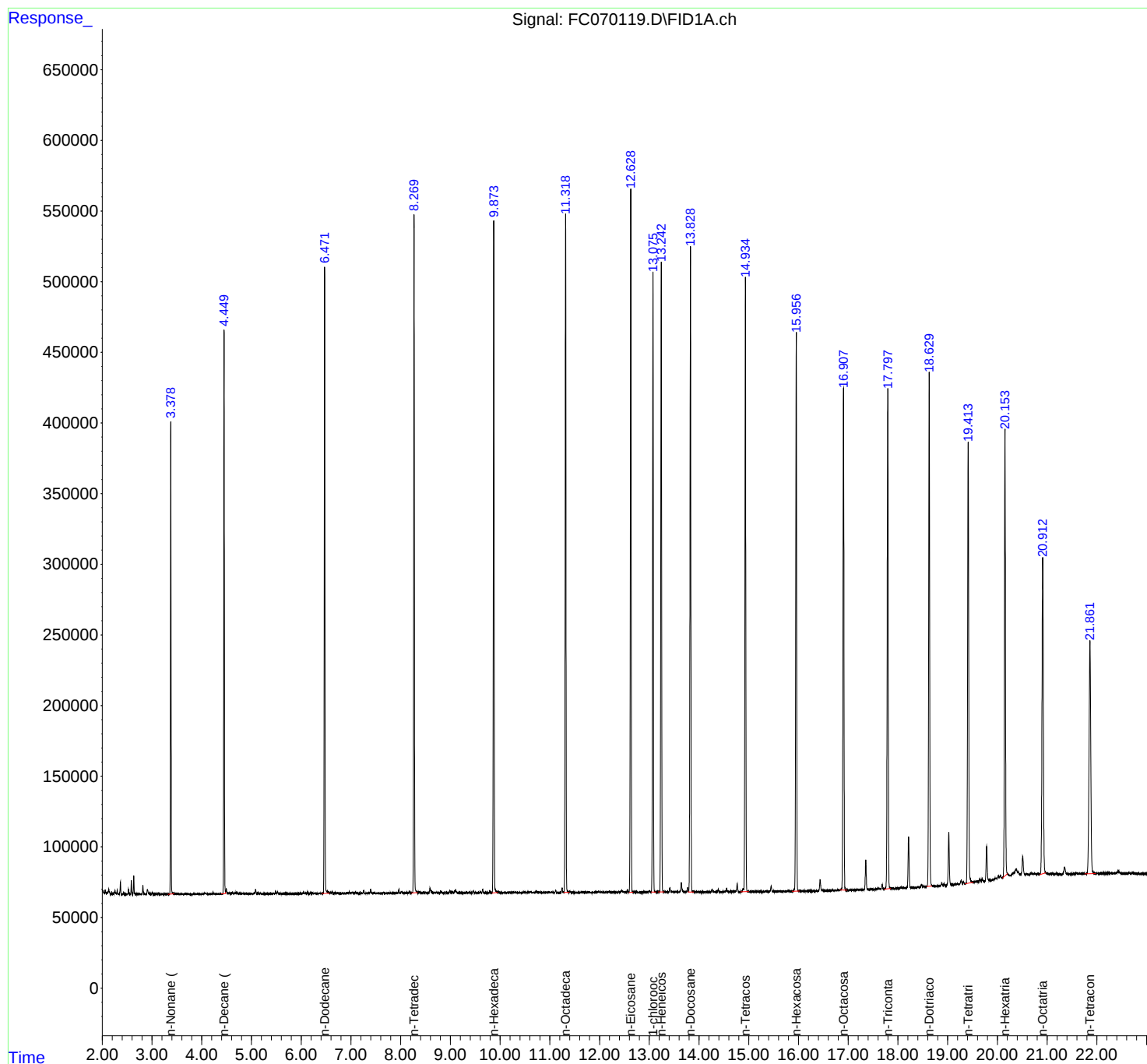
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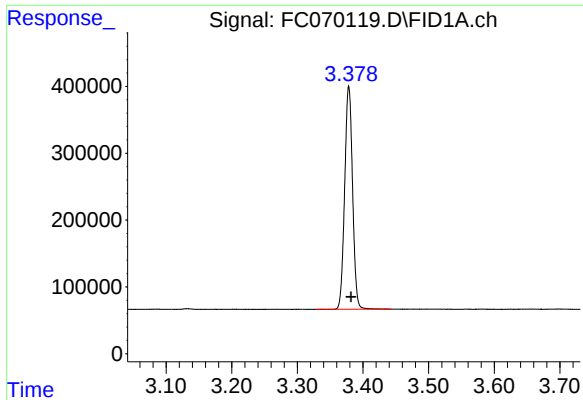
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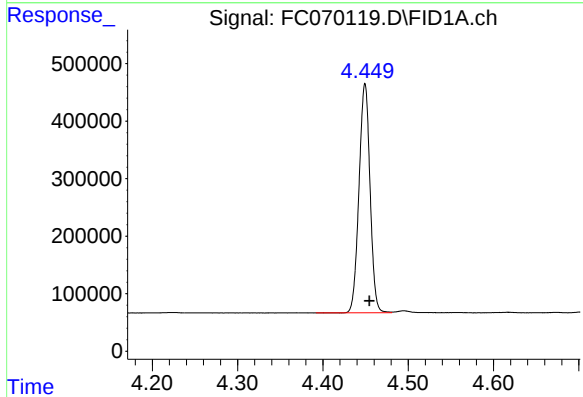
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.004 min
Response: 2787211
Conc: 20.30 ug/ml

Instrument :
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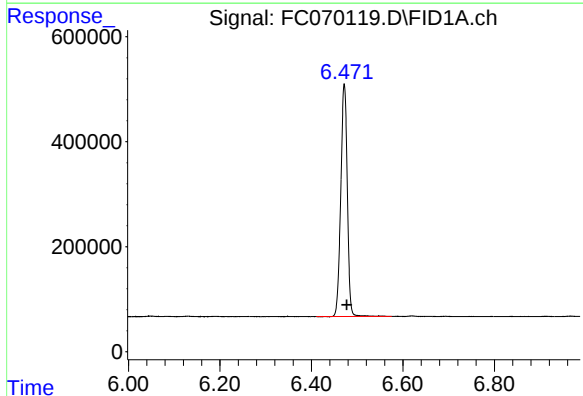
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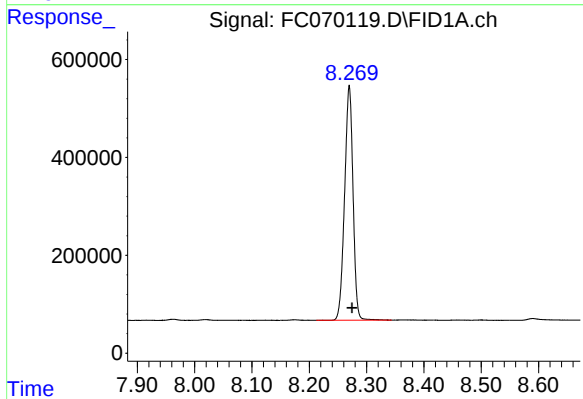
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.005 min
Response: 3582401
Conc: 24.92 ug/ml



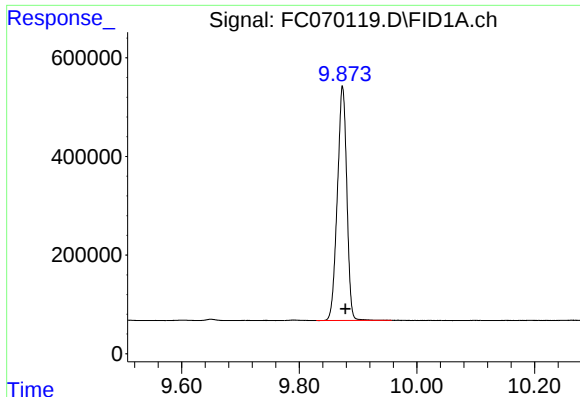
#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 4393464
Conc: 28.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: -0.005 min
Response: 4892881
Conc: 30.76 ug/ml



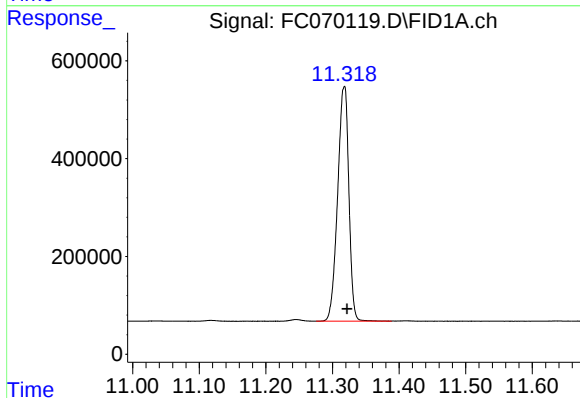
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.005 min
Response: 5310326
Conc: 31.51 ug/ml

Instrument :
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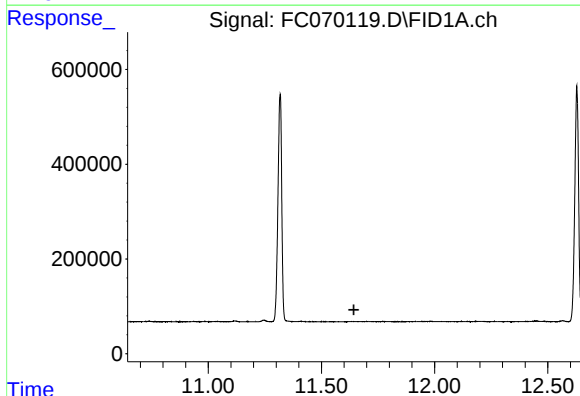
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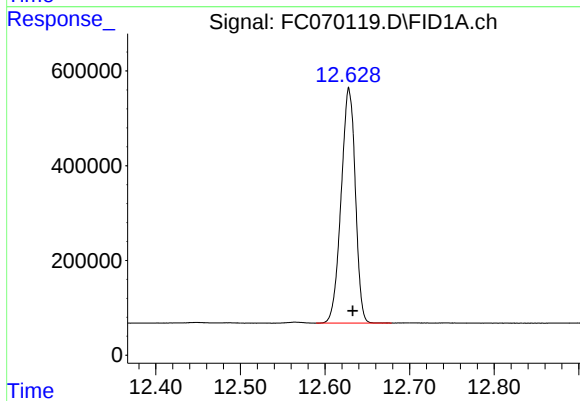
#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.005 min
Response: 5618687
Conc: 33.03 ug/ml



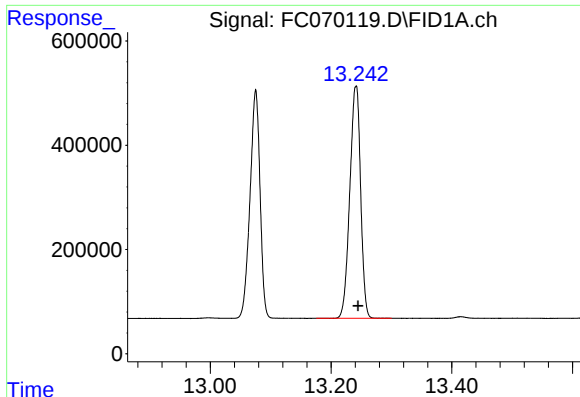
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: -0.004 min
Response: 5783003
Conc: 36.05 ug/ml



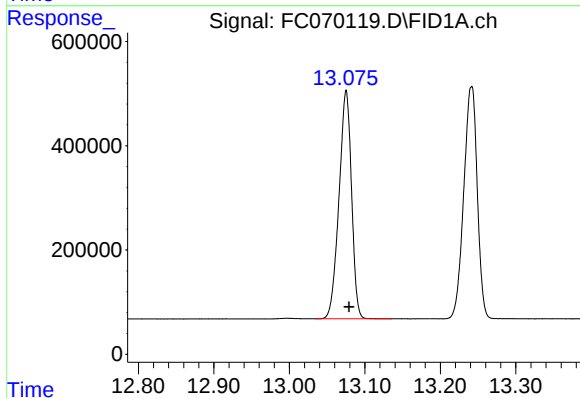
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.004 min
Response: 5535920
Conc: 35.65 ug/ml

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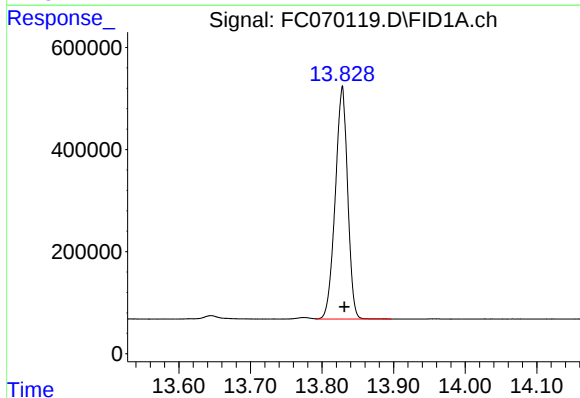
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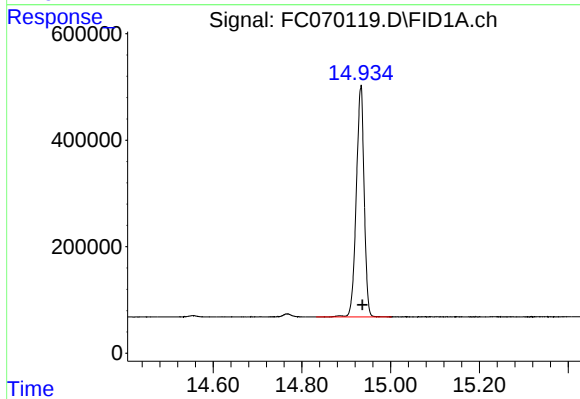
#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: -0.004 min
Response: 5051080
Conc: 37.21 ug/ml



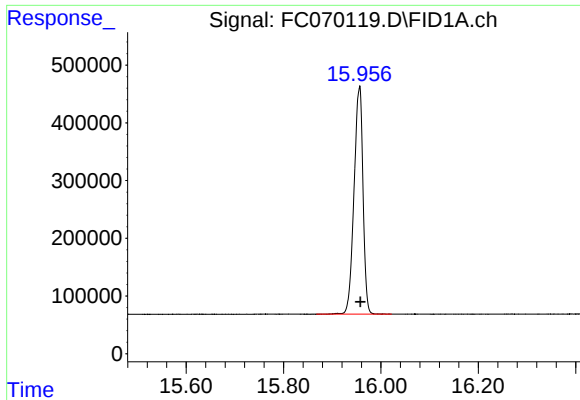
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.003 min
Response: 5475126
Conc: 35.58 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.004 min
Response: 5321148
Conc: 35.09 ug/ml



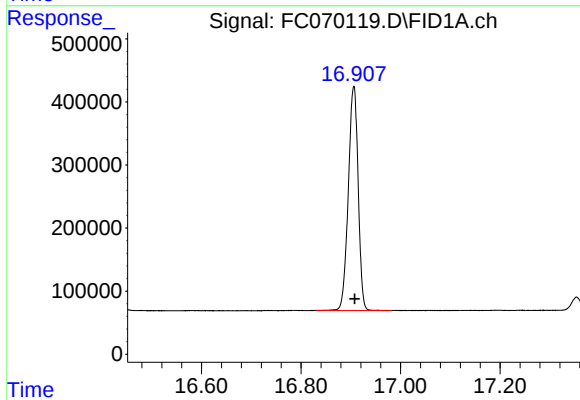
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.002 min
Response: 5033586
Conc: 34.78 ug/ml

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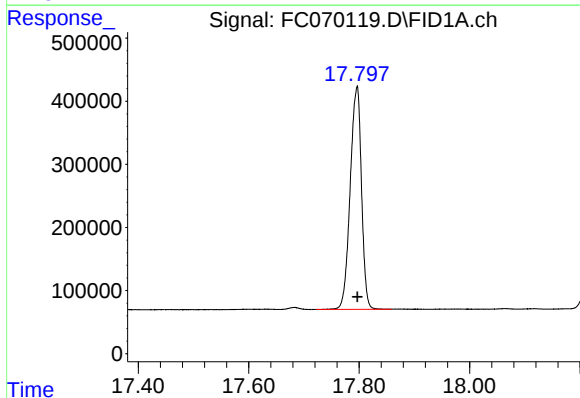
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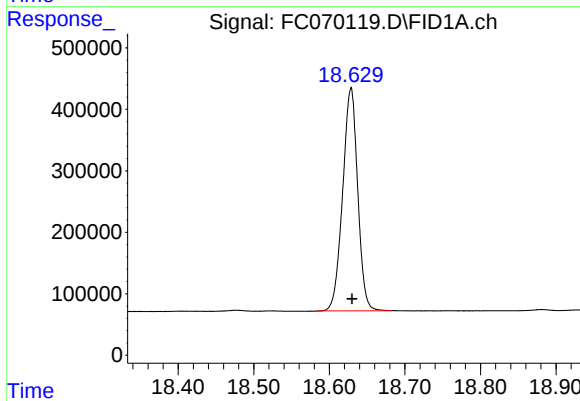
#16 n-Octacosane (C28)

R.T.: 16.906 min
Delta R.T.: -0.002 min
Response: 4884462
Conc: 35.32 ug/ml



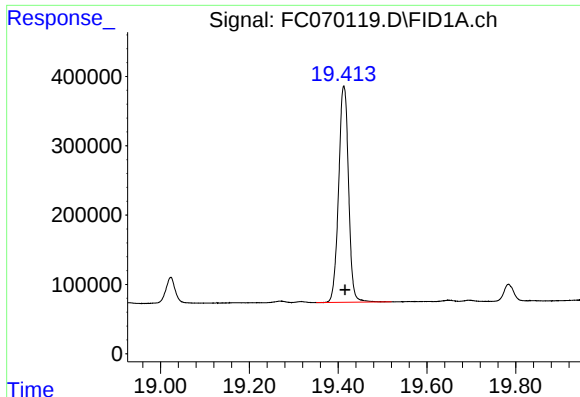
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.001 min
Response: 5006174
Conc: 36.67 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.001 min
Response: 5024043
Conc: 38.97 ug/ml m



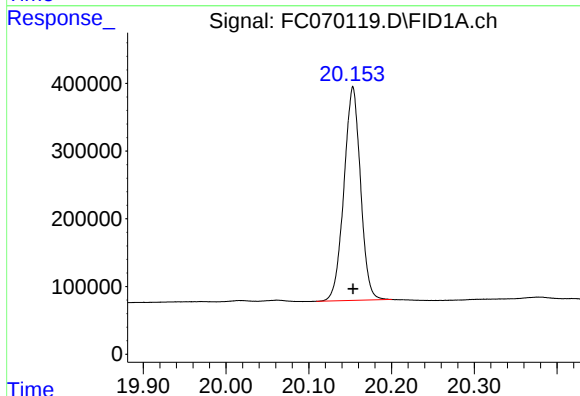
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: -0.002 min
Response: 4838004
Conc: 42.40 ug/ml

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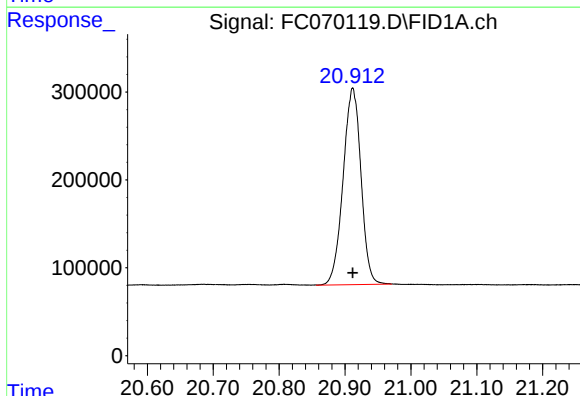
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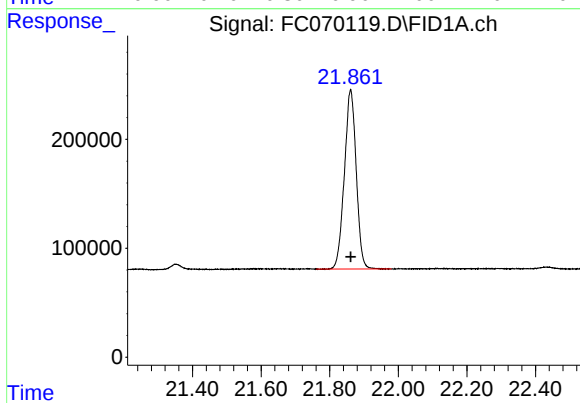
#20 n-Hexatriacontane (C36)

R.T.: 20.153 min
Delta R.T.: 0.000 min
Response: 4396640
Conc: 45.46 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: 0.000 min
Response: 4212543
Conc: 48.33 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: 0.000 min
Response: 3947971
Conc: 48.05 ug/ml