

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070120.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 13:30
 Operator : YP/AJ
 Sample : IDOC-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 IDOC-04

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 03:27:09 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...	13.074	4959712	36.538 ug/ml
Spiked Amount 50.000		Recovery =	73.08%
Target Compounds			
1) T n-Nonane (C9)	3.379	2810438	20.467 ug/ml
2) T n-Decane (C10)	4.450	3570443	24.836 ug/ml
4) T n-Dodecane (C12)	6.472	4392939	28.660 ug/ml
6) T n-Tetradecane (C14)	8.270	4864691	30.587 ug/ml
7) T n-Hexadecane (C16)	9.873	5245713	31.128 ug/ml
8) T n-Octadecane (C18)	11.317	5535310	32.536 ug/ml
10) T n-Eicosane (C20)	12.628	5684513	35.432 ug/ml
11) T n-Heneicosane (C21)	13.241	5434656	35.001 ug/ml
13) T n-Docosane (C22)	13.828	5377752	34.944 ug/ml
14) T n-Tetracosane (C24)	14.932	5233924	34.518 ug/ml
15) T n-Hexacosane (C26)	15.954	4966241	34.311 ug/ml
16) T n-Octacosane (C28)	16.904	4823361	34.875 ug/ml
17) T n-Tricontane (C30)	17.795	4952887	36.276 ug/ml
18) T n-Dotriacontane (C32)	18.627	4982172	38.642 ug/mlm
19) T n-Tetratriacontane (C34)	19.412	4804246	42.106 ug/ml
20) T n-Hexatriacontane (C36)	20.153	4389943	45.392 ug/mlm
21) T n-Octatriacontane (C38)	20.909	4208450	48.285 ug/mlm
22) T n-Tetracontane (C40)	21.864	3953662	48.120 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : IDOC-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

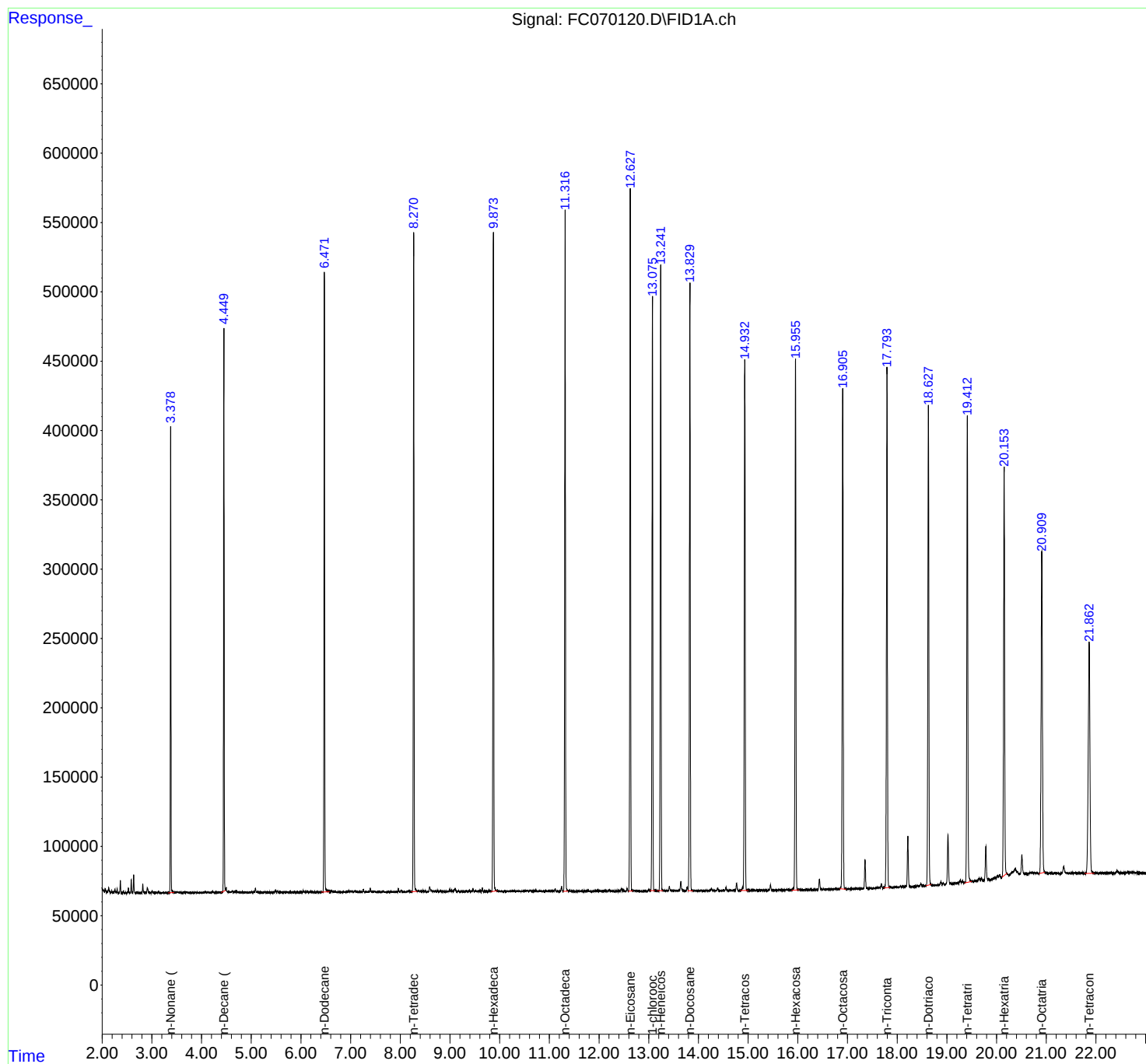
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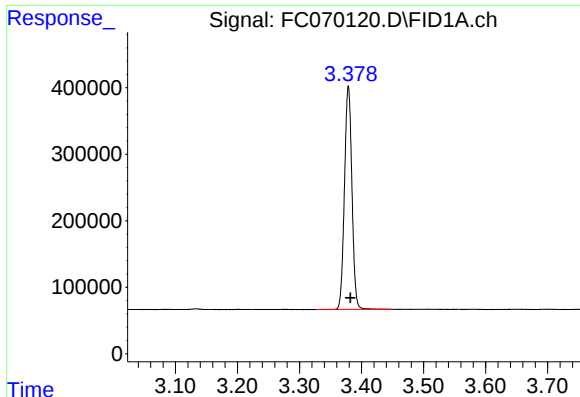
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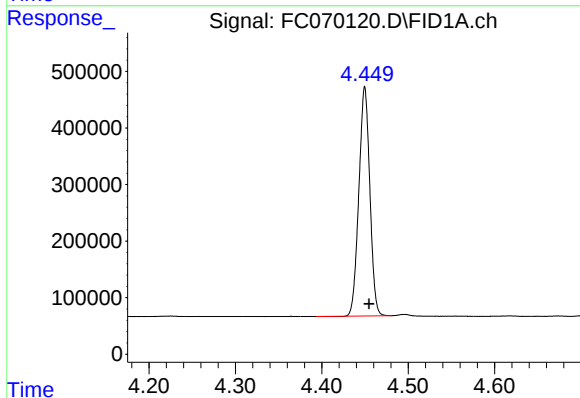
#1 n-Nonane (C9)

R.T.: 3.379 min
Delta R.T.: -0.003 min
Response: 2810438
Conc: 20.47 ug/ml

Instrument :
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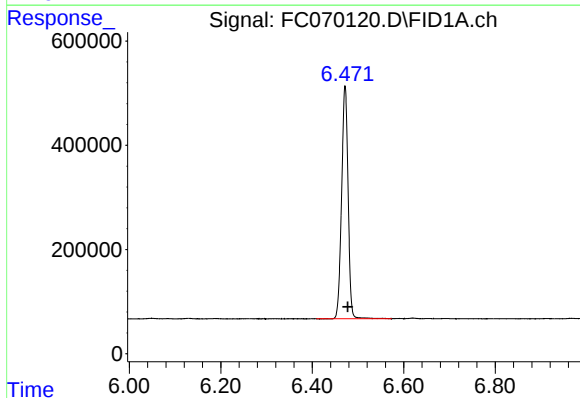
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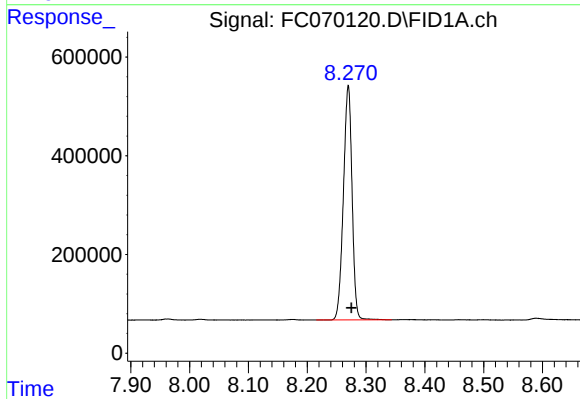
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.005 min
Response: 3570443
Conc: 24.84 ug/ml



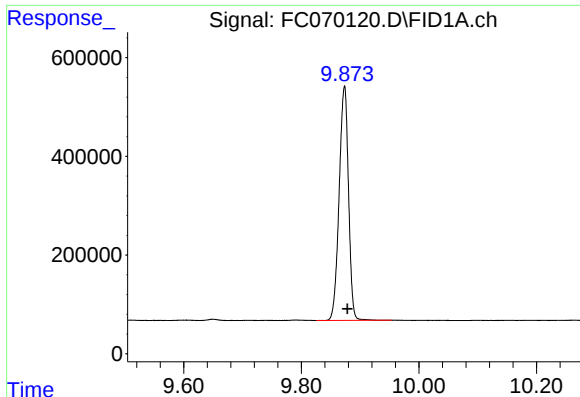
#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: -0.006 min
Response: 4392939
Conc: 28.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: -0.005 min
Response: 4864691
Conc: 30.59 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.006 min
Response: 5245713
Conc: 31.13 ug/ml

Instrument :

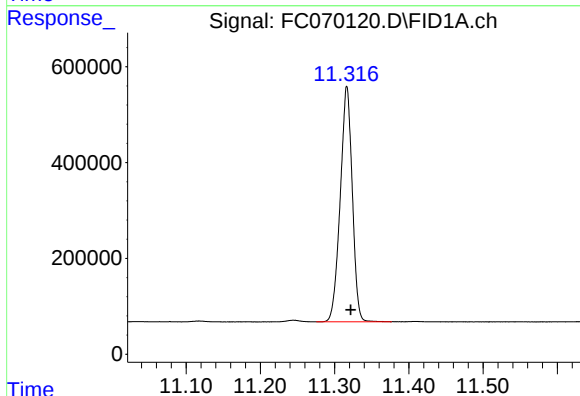
FID_C

ClientSampleId :

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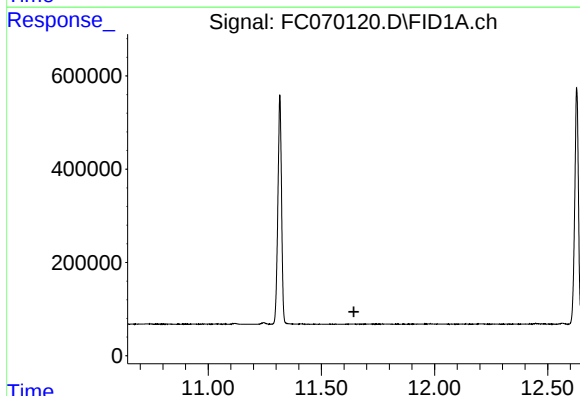
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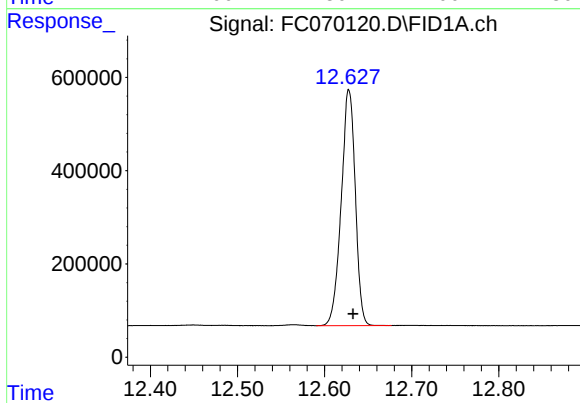
#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.005 min
Response: 5535310
Conc: 32.54 ug/ml



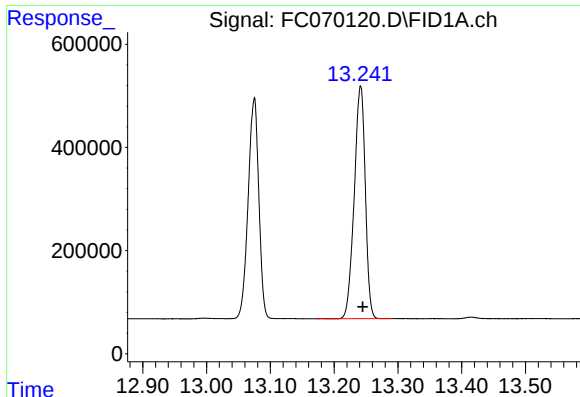
#9 ortho-Terphenyl (SURR)

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.: -0.005 min
Response: 5684513
Conc: 35.43 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.004 min
Response: 5434656
Conc: 35.00 ug/ml

Instrument :

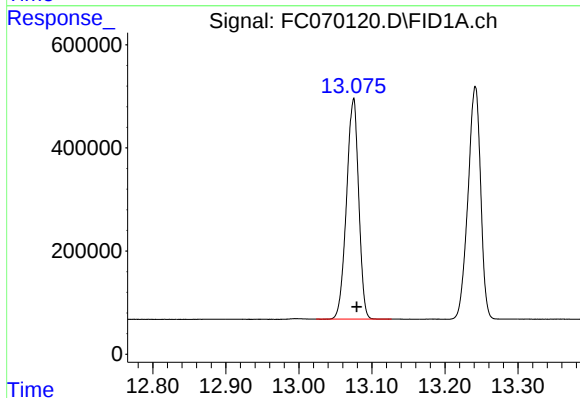
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ClientSampleId :

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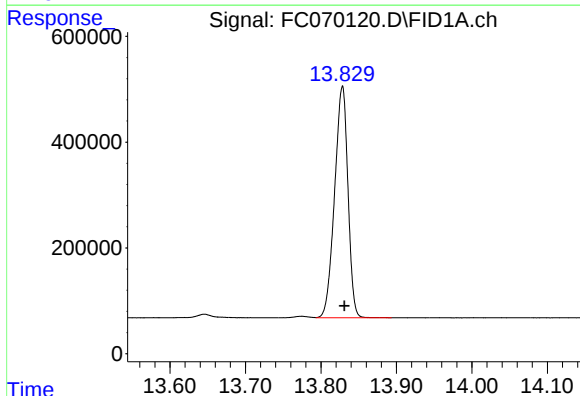
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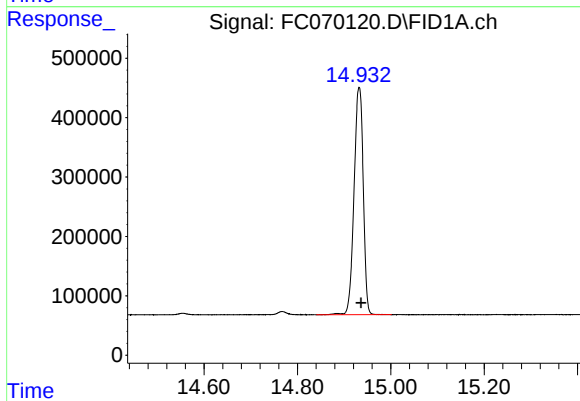
#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: -0.005 min
Response: 4959712
Conc: 36.54 ug/ml



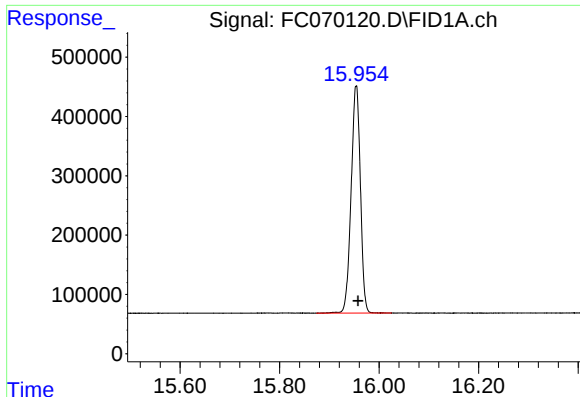
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.003 min
Response: 5377752
Conc: 34.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.004 min
Response: 5233924
Conc: 34.52 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.004 min
Response: 4966241
Conc: 34.31 ug/ml

Instrument :

FID_C

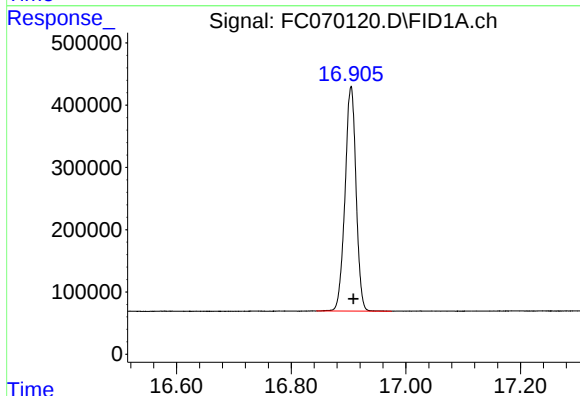
ClientSampleId :

IDOC-04

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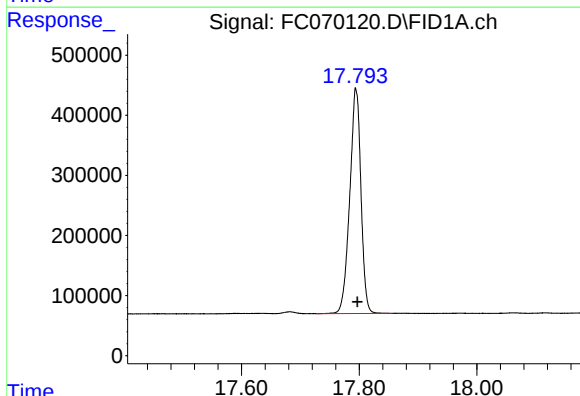
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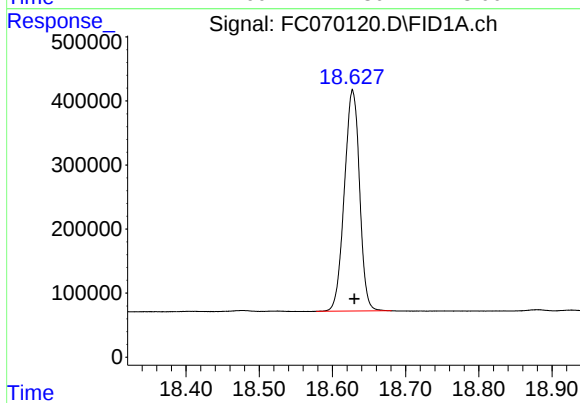
#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: -0.004 min
Response: 4823361
Conc: 34.88 ug/ml



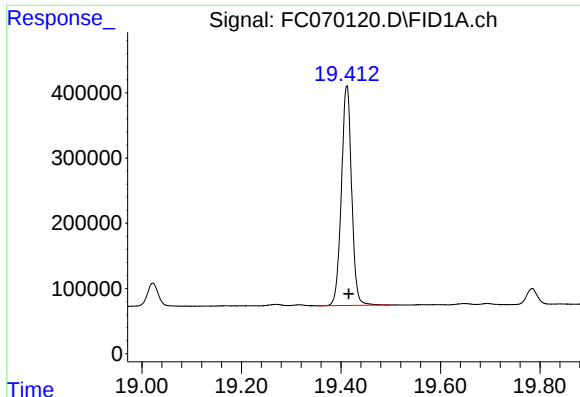
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.002 min
Response: 4952887
Conc: 36.28 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.003 min
Response: 4982172
Conc: 38.64 ug/ml m



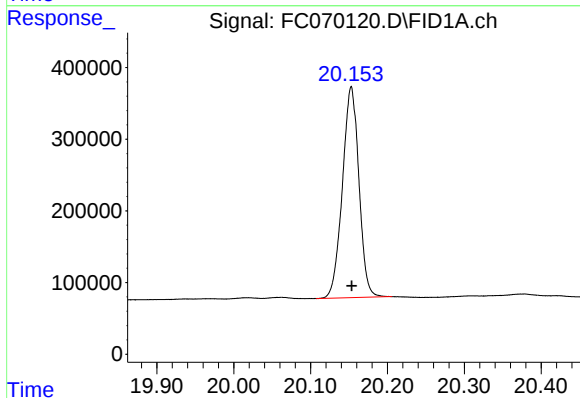
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.004 min
Response: 4804246
Conc: 42.11 ug/ml

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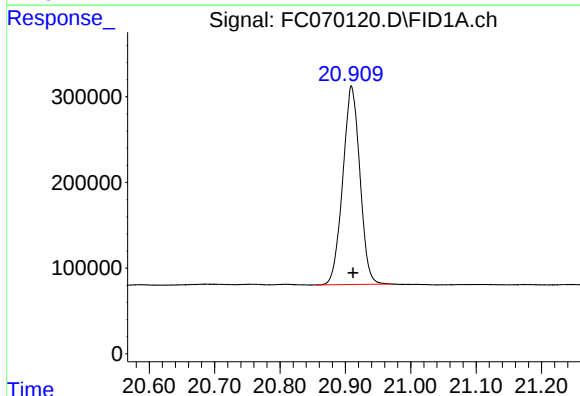
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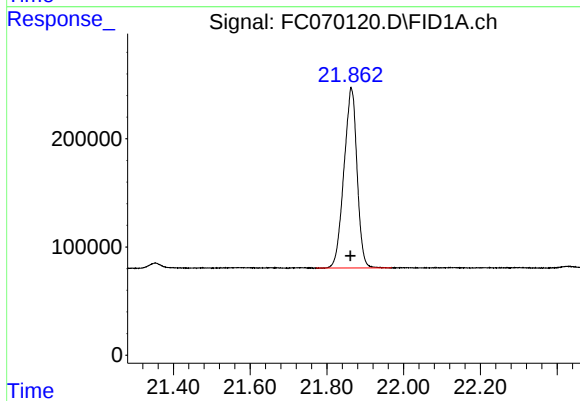
#20 n-Hexatriacontane (C36)

R.T.: 20.153 min
Delta R.T.: 0.000 min
Response: 4389943
Conc: 45.39 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: -0.003 min
Response: 4208450
Conc: 48.28 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: 0.002 min
Response: 3953662
Conc: 48.12 ug/ml