

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070124.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 16:15
 Operator : YP/AJ
 Sample : PB170385BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB170385BS

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 03:29:02 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			
9) S ortho-Terphenyl (SURR)	11.641	5796301	33.008 ug/ml
Spiked Amount 50.000		Recovery =	66.02%
12) S 1-chlorooctadecane (S...	13.075	4603159	33.911 ug/ml
Spiked Amount 50.000		Recovery =	67.82%
Target Compounds			
1) T n-Nonane (C9)	3.392	4557214	33.187 ug/ml
2) T n-Decane (C10)	4.456	4846664	33.713 ug/ml
3) T A~Naphthalene (C11.7)	6.045	5738937	35.510 ug/ml
4) T n-Dodecane (C12)	6.473	5105776	33.311 ug/ml
5) T A~2-methylnaphthalene...	7.103	5265926	33.005 ug/ml
6) T n-Tetradecane (C14)	8.271	5125730	32.228 ug/ml
7) T n-Hexadecane (C16)	9.873	5154547	30.587 ug/ml
8) T n-Octadecane (C18)	11.317	5056170	29.720 ug/ml
10) T n-Eicosane (C20)	12.629	5052274	31.491 ug/ml
11) T n-Heneicosane (C21)	13.241	4776817	30.764 ug/ml
13) T n-Docosane (C22)	13.828	4665480	30.316 ug/ml
14) T n-Tetracosane (C24)	14.927	9059239	59.746 ug/ml
15) T n-Hexacosane (C26)	15.956	4304689	29.741 ug/ml
16) T n-Octacosane (C28)	16.906	4201801	30.381 ug/mlm
17) T n-Tricontane (C30)	17.795	4135977	30.293 ug/ml
18) T n-Dotriacontane (C32)	18.629	4018820	31.170 ug/mlm
19) T n-Tetratriacontane (C34)	19.413	3990861	34.977 ug/ml
20) T n-Hexatriacontane (C36)	20.151	3431329	35.480 ug/mlm
21) T n-Octatriacontane (C38)	20.913	2801744	32.145 ug/mlm
22) T n-Tetracontane (C40)	21.861	2105431	25.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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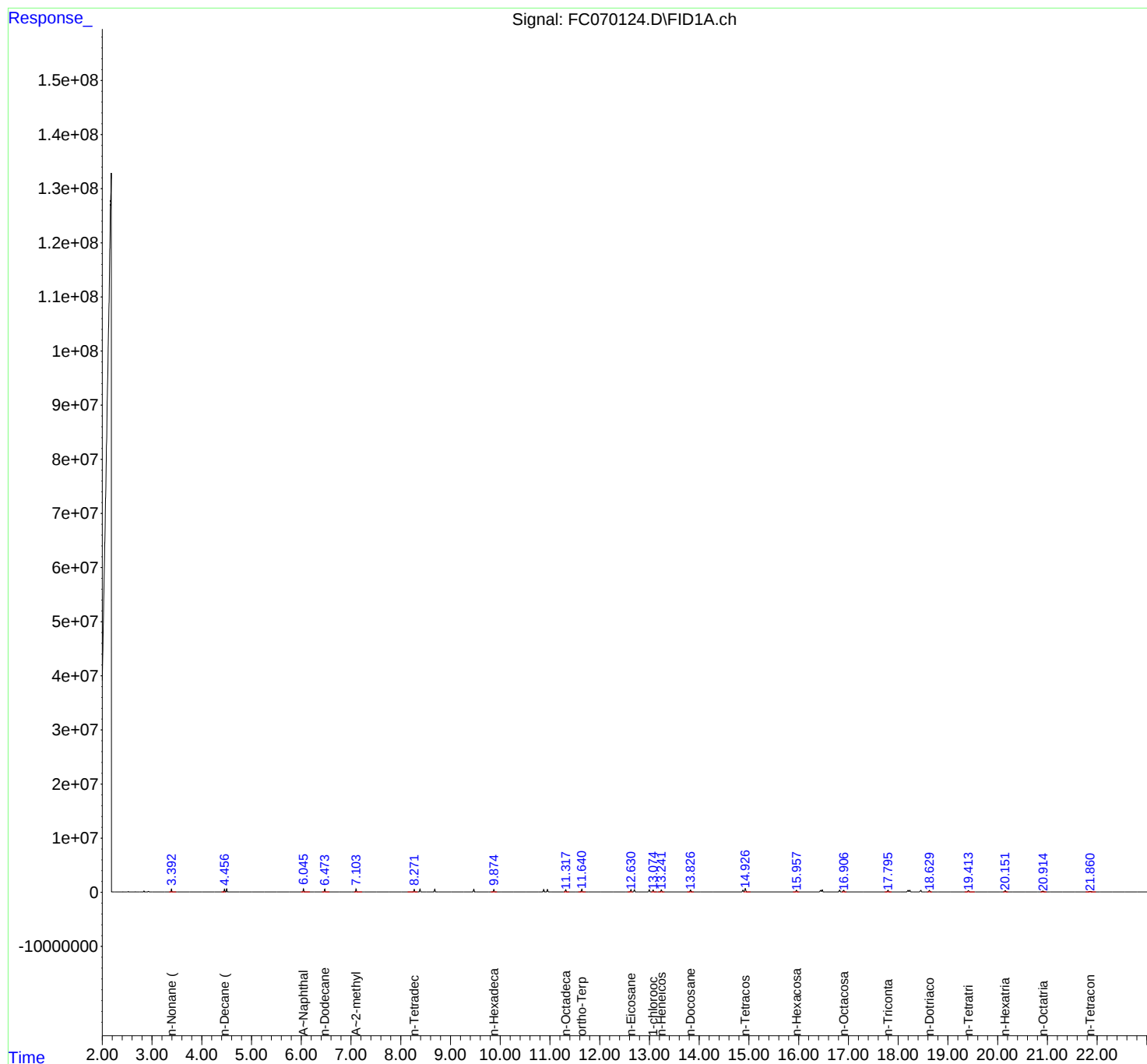
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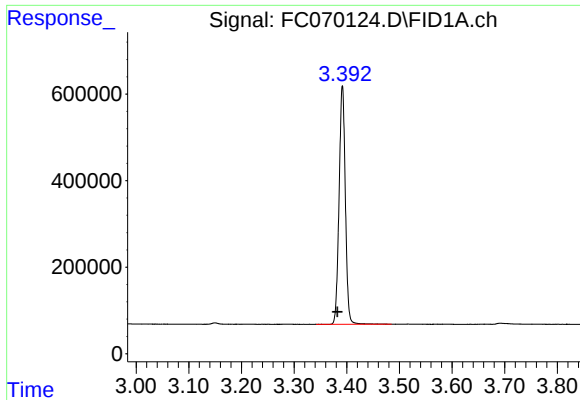
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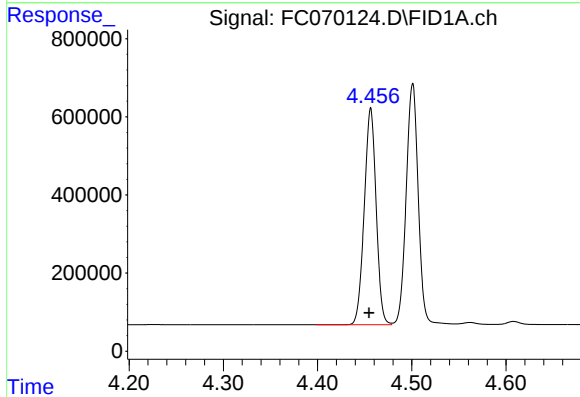
#1 n-Nonane (C9)

R.T.: 3.392 min
Delta R.T.: 0.010 min
Response: 4557214
Conc: 33.19 ug/ml

Instrument :
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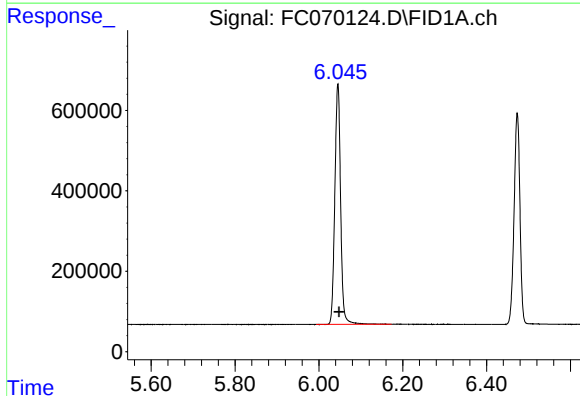
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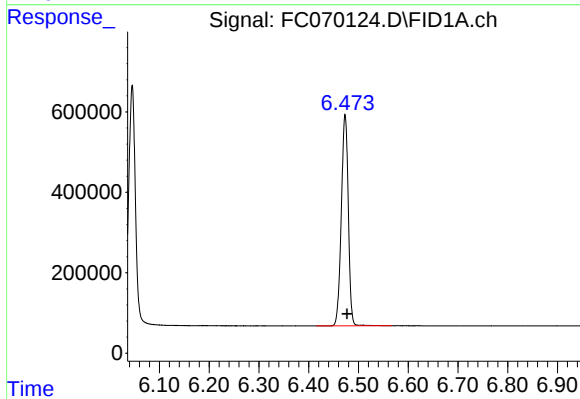
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: 0.002 min
Response: 4846664
Conc: 33.71 ug/ml



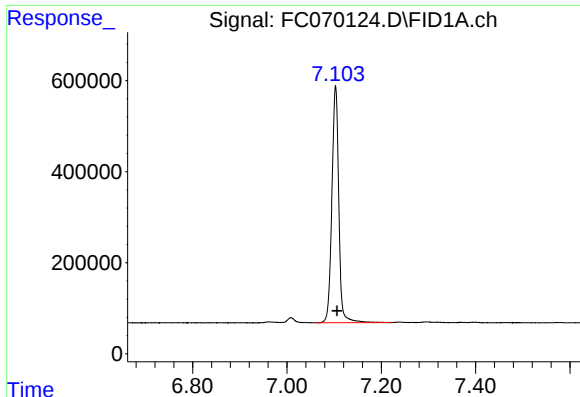
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 5738937
Conc: 35.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 5105776
Conc: 33.31 ug/ml



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

R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 5265926
Conc: 33.00 ug/ml

Instrument :

FID_C

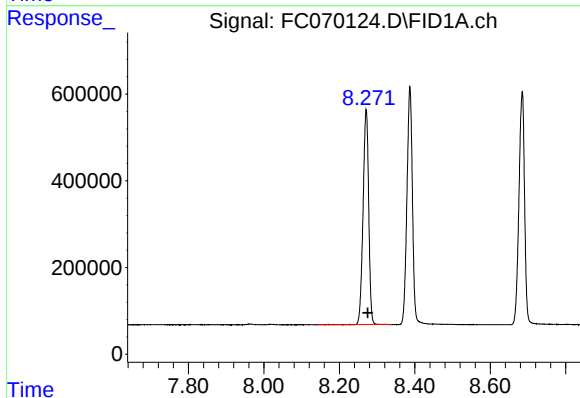
ClientSampleId :

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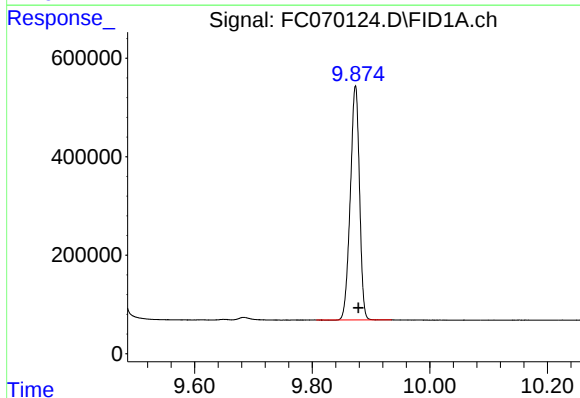
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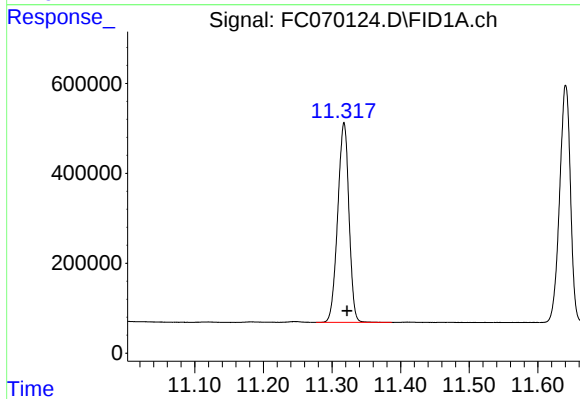
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 5125730
Conc: 32.23 ug/ml



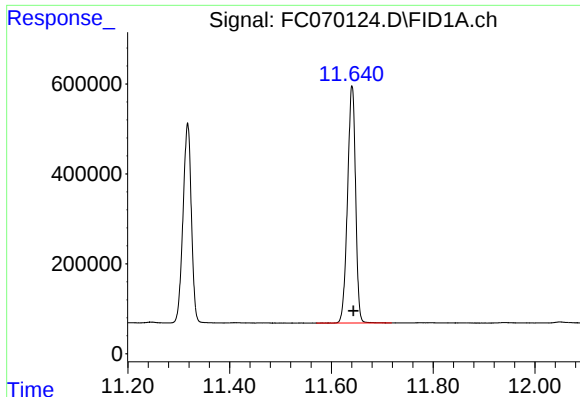
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.005 min
Response: 5154547
Conc: 30.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.005 min
Response: 5056170
Conc: 29.72 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 5796301
Conc: 33.01 ug/ml

Instrument :

FID_C

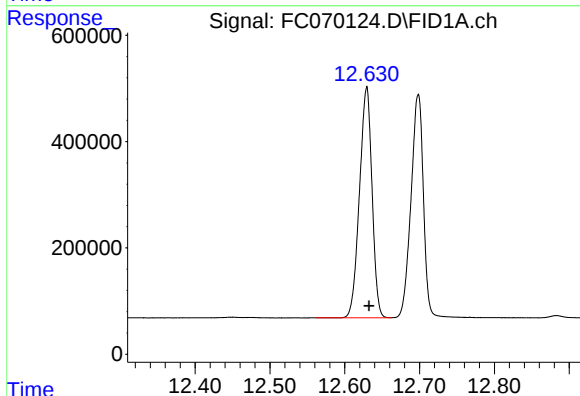
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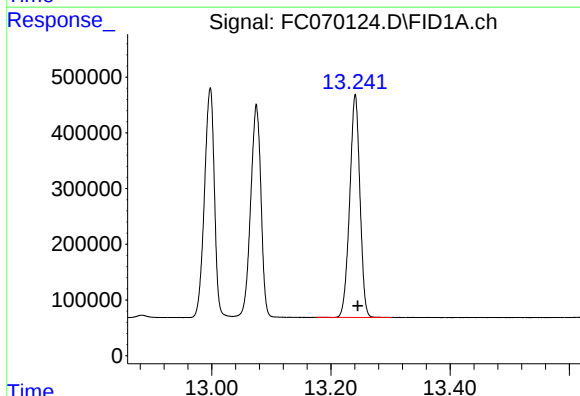
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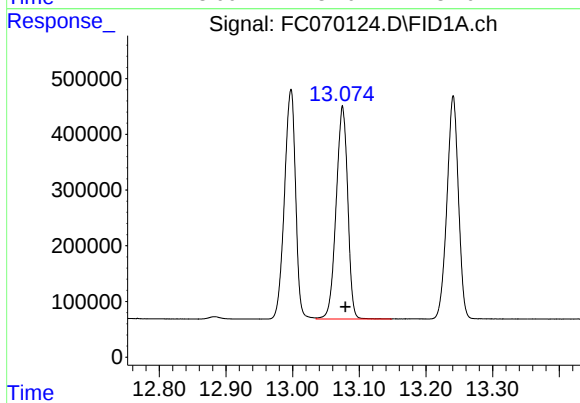
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: -0.004 min
Response: 5052274
Conc: 31.49 ug/ml



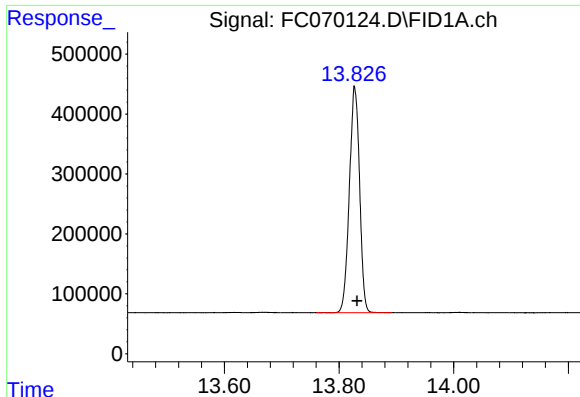
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.004 min
Response: 4776817
Conc: 30.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: -0.004 min
Response: 4603159
Conc: 33.91 ug/ml



#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.004 min
Response: 4665480
Conc: 30.32 ug/ml

Instrument :

FID_C

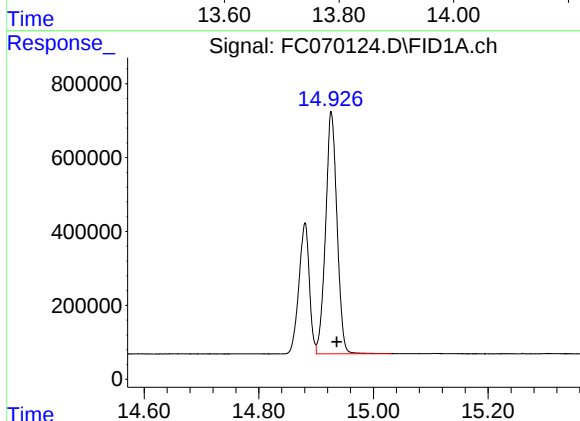
ClientSampleId :

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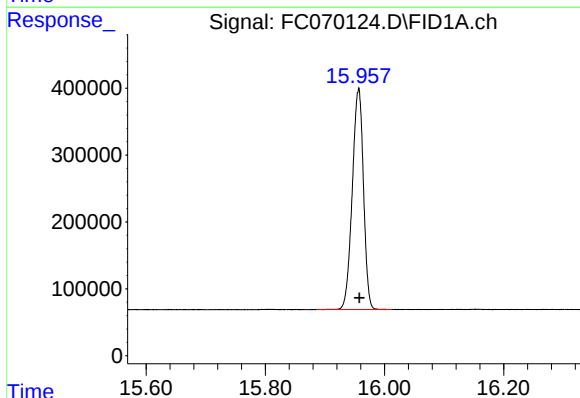
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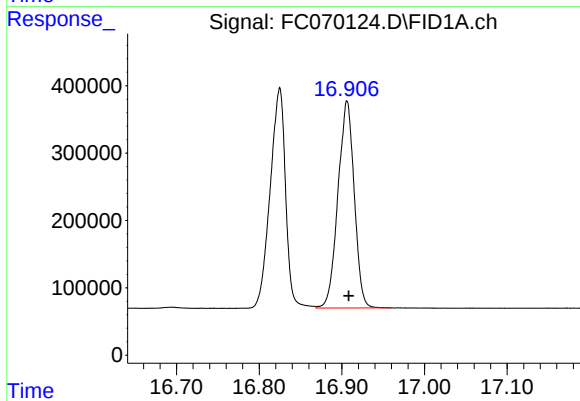
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.009 min
Response: 9059239
Conc: 59.75 ug/ml



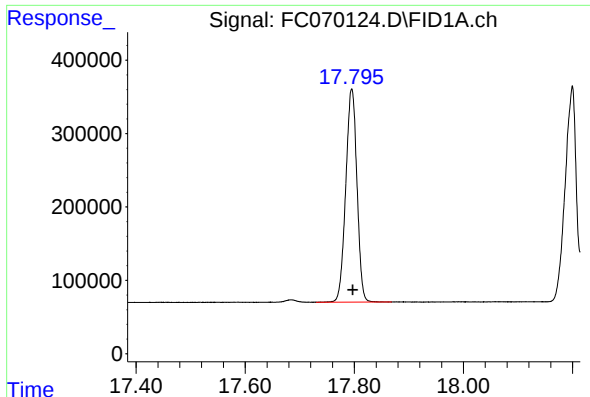
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.002 min
Response: 4304689
Conc: 29.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.906 min
Delta R.T.: -0.002 min
Response: 4201801
Conc: 30.38 ug/ml m



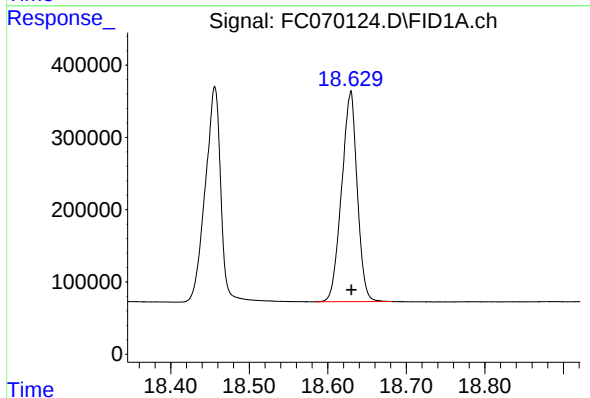
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.002 min
Response: 4135977
Conc: 30.29 ug/ml

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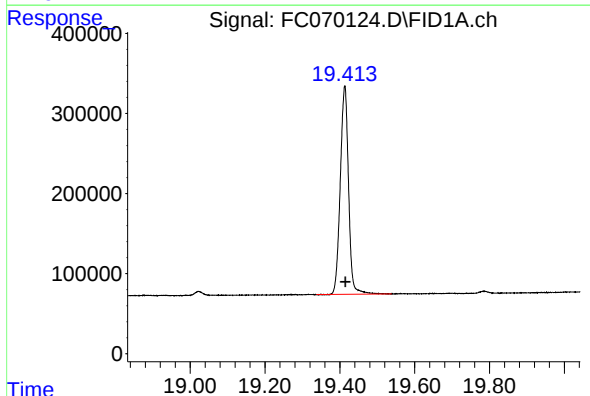
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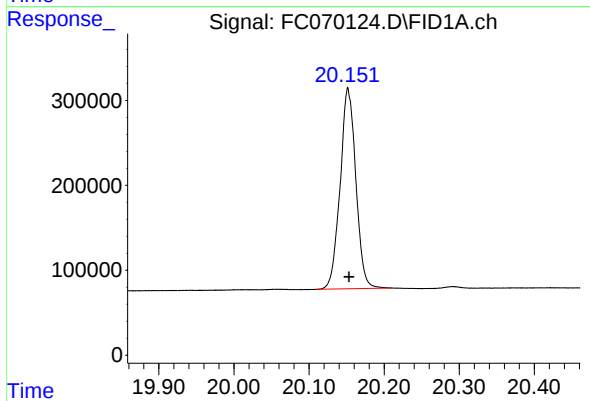
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 4018820
Conc: 31.17 ug/ml m



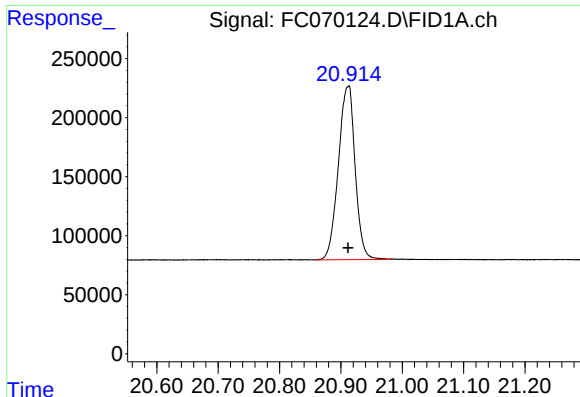
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: -0.002 min
Response: 3990861
Conc: 34.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.002 min
Response: 3431329
Conc: 35.48 ug/ml m



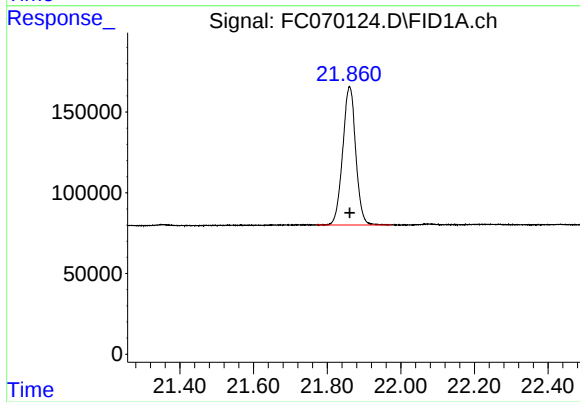
#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: 0.002 min
Response: 2801744
Conc: 32.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: 0.000 min
Response: 2105431
Conc: 25.63 ug/ml