

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020625AL\
 Data File : FC068213.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2025 17:16
 Operator : YP/AJ
 Sample : Q1299-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File: autoint1.e
 Quant Time: Feb 07 00:33:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.409	4961879	31.753 ug/ml
Spiked Amount 50.000		Recovery =	63.51%
12) S 1-chlorooctadecane (S...	12.850	3841112	33.400 ug/ml
Spiked Amount 50.000		Recovery =	66.80%
Target Compounds			
1) T n-Nonane (C9)	3.214	3844275	28.074 ug/ml
2) T n-Decane (C10)	4.271	4228239	30.456 ug/mlm
3) T A~Naphthalene (C11.7)	5.838	5009903	33.371 ug/ml
4) T n-Dodecane (C12)	6.279	4419307	31.635 ug/ml
5) T A~2-methylnaphthalene...	6.891	4698805	32.714 ug/ml
6) T n-Tetradecane (C14)	8.069	4799105	35.164 ug/ml
7) T n-Hexadecane (C16)	9.665	5016799	36.106 ug/ml
8) T n-Octadecane (C18)	11.104	5016268	35.852 ug/ml
10) T n-Eicosane (C20)	12.451	5397957	40.343 ug/ml
11) T n-Heneicosane (C21)	13.020	4847540	36.908 ug/ml
13) T n-Docosane (C22)	13.604	4781350	36.912 ug/ml
14) T n-Tetracosane (C24)	14.666	9810159	76.411 ug/mlm
15) T n-Hexacosane (C26)	15.728	4575424	36.360 ug/ml
16) T n-Octacosane (C28)	16.674	4545260	36.341 ug/ml
17) T n-Tricontane (C30)	17.561	4562665	35.300 ug/ml
18) T n-Dotriacontane (C32)	18.392	4499851	35.995 ug/ml
19) T n-Tetratriacontane (C34)	19.174	4466220	41.173 ug/ml
20) T n-Hexatriacontane (C36)	19.913	4192992	45.308 ug/ml
21) T n-Octatriacontane (C38)	20.625	3996921	46.645 ug/ml
22) T n-Tetracontane (C40)	21.481	3828819	47.352 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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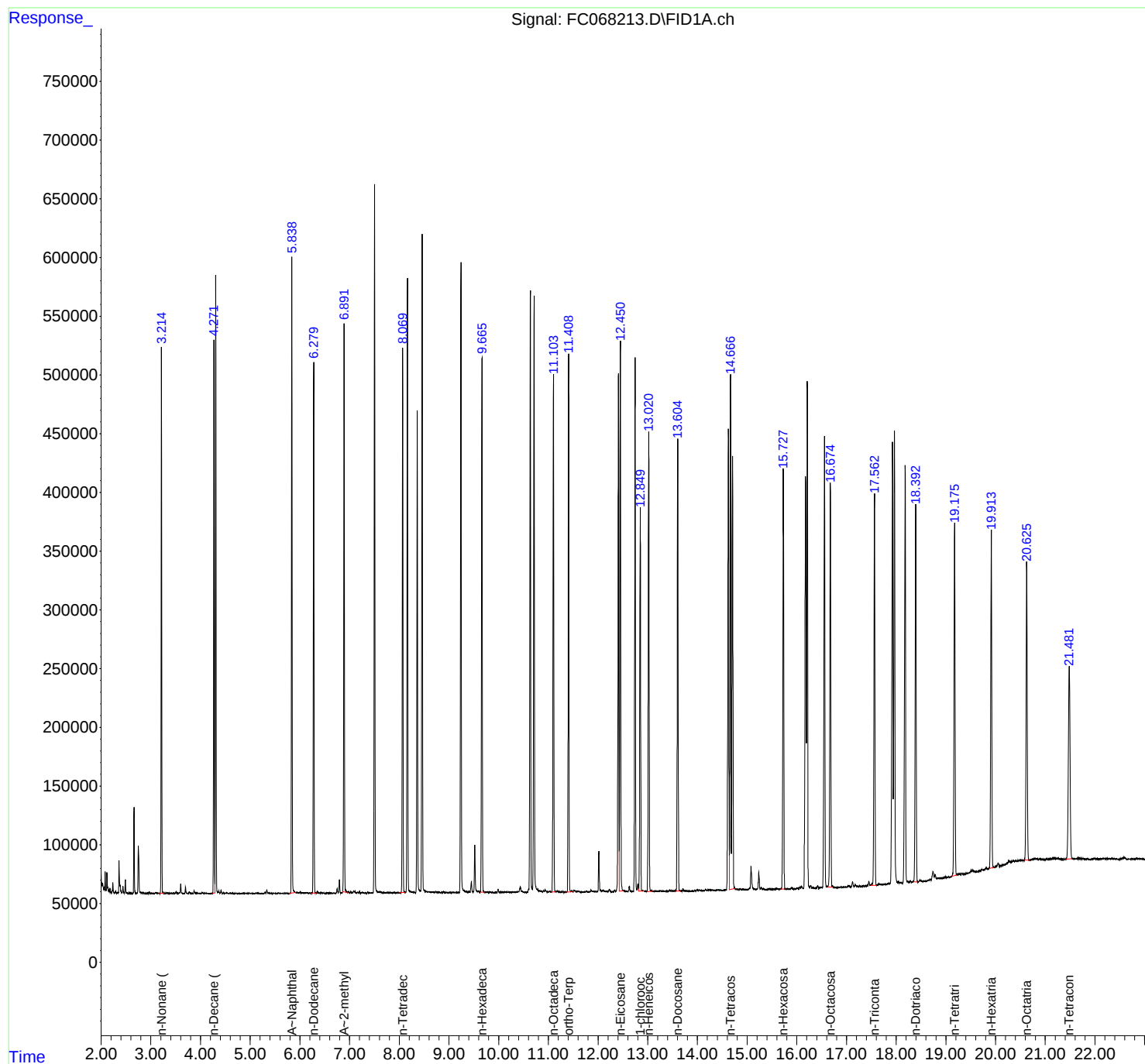
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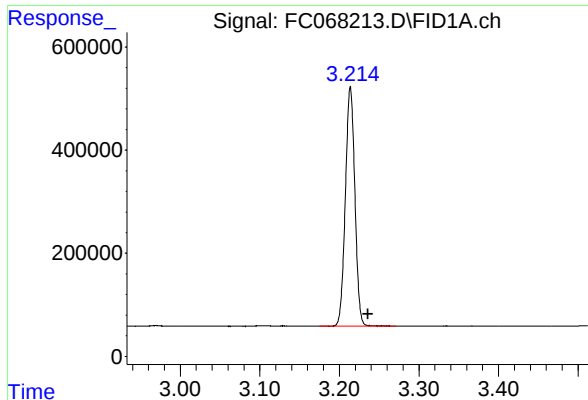
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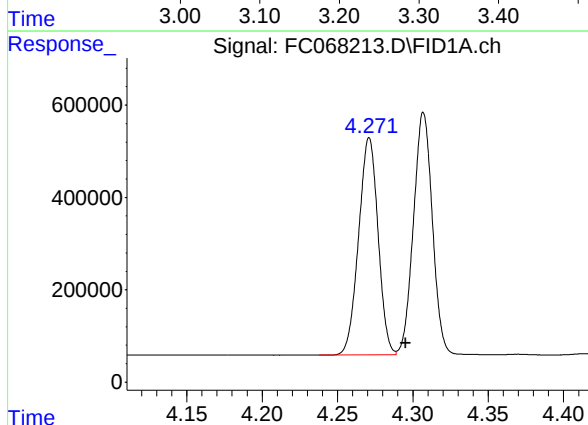
#1 n-Nonane (C9)

R.T.: 3.214 min
Delta R.T.: -0.022 min
Response: 3844275
Conc: 28.07 ug/ml

Instrument :
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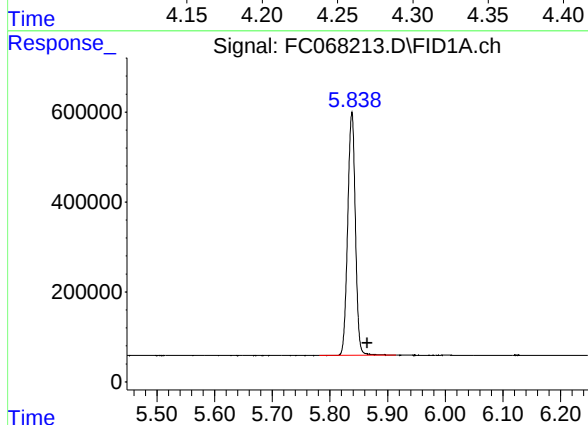
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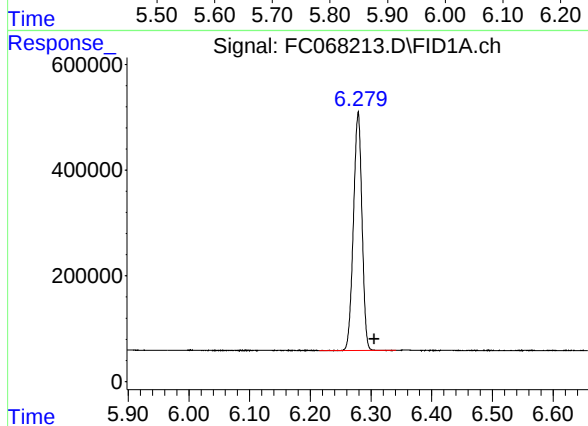
#2 n-Decane (C10)

R.T.: 4.271 min
Delta R.T.: -0.025 min
Response: 4228239
Conc: 30.46 ug/ml m



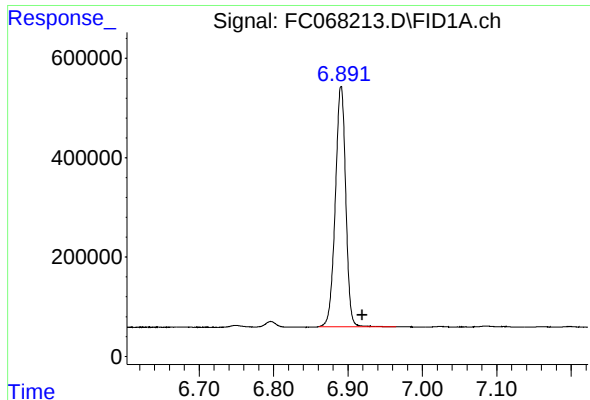
#3 A~Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: -0.027 min
Response: 5009903
Conc: 33.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.279 min
Delta R.T.: -0.027 min
Response: 4419307
Conc: 31.63 ug/ml



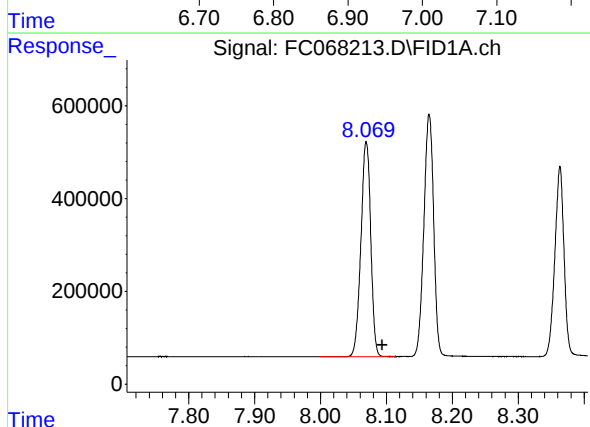
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.029 min
Response: 4698805
Conc: 32.71 ug/ml

Instrument :
FID_C
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WC-1MS

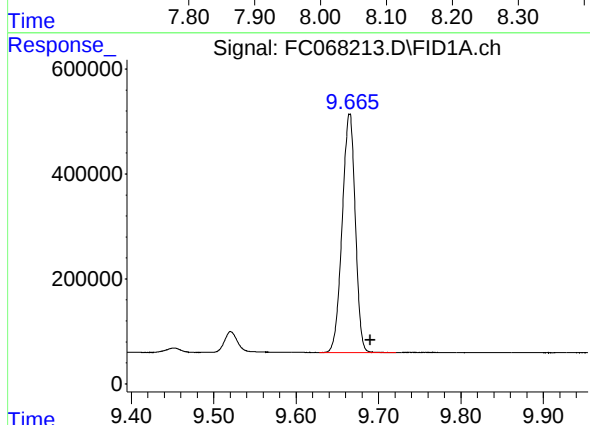
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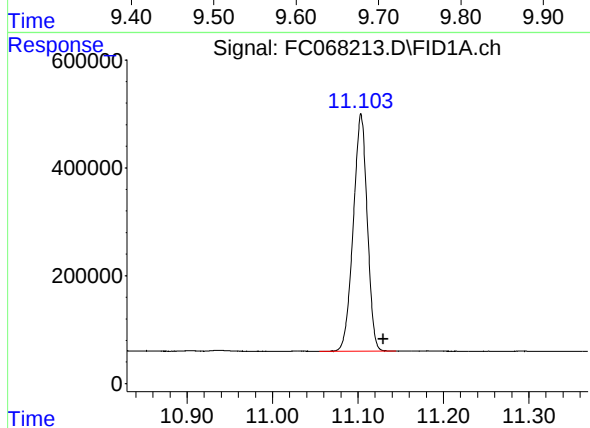
#6 n-Tetradecane (C14)

R.T.: 8.069 min
Delta R.T.: -0.024 min
Response: 4799105
Conc: 35.16 ug/ml



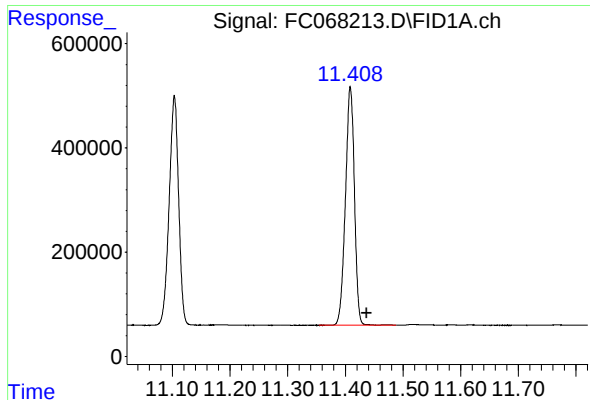
#7 n-Hexadecane (C16)

R.T.: 9.665 min
Delta R.T.: -0.025 min
Response: 5016799
Conc: 36.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.104 min
Delta R.T.: -0.026 min
Response: 5016268
Conc: 35.85 ug/ml



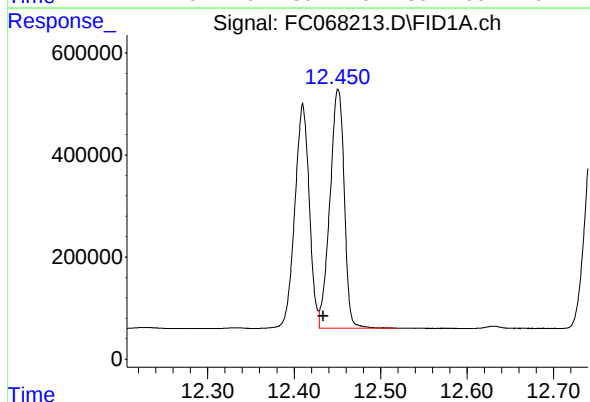
#9 ortho-Terphenyl (SURR)

R.T.: 11.409 min
Delta R.T.: -0.028 min
Response: 4961879
Conc: 31.75 ug/ml

Instrument :
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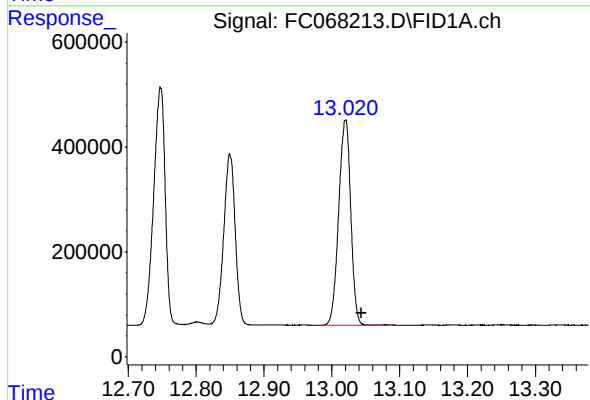
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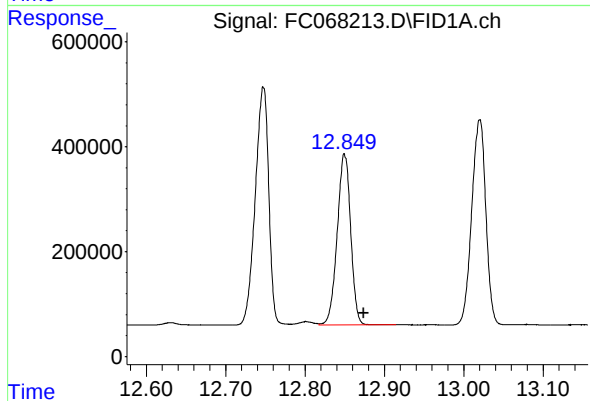
#10 n-Eicosane (C20)

R.T.: 12.451 min
Delta R.T.: 0.017 min
Response: 5397957
Conc: 40.34 ug/ml



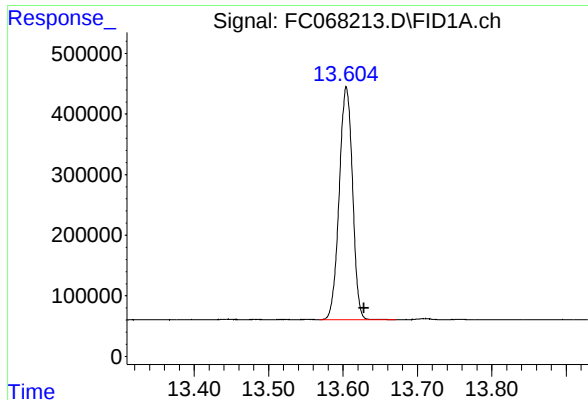
#11 n-Heneicosane (C21)

R.T.: 13.020 min
Delta R.T.: -0.024 min
Response: 4847540
Conc: 36.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.850 min
Delta R.T.: -0.024 min
Response: 3841112
Conc: 33.40 ug/ml



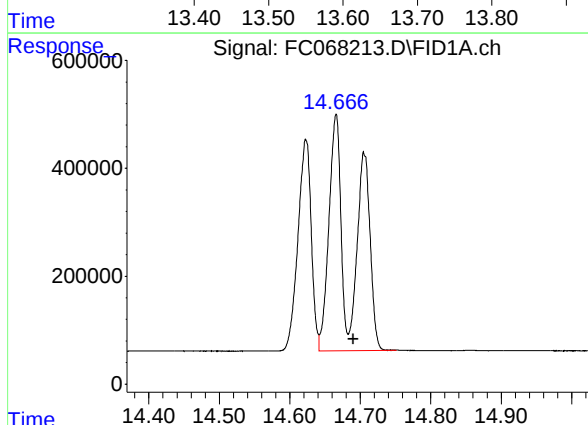
#13 n-Docosane (C22)

R.T.: 13.604 min
Delta R.T.: -0.024 min
Response: 4781350
Conc: 36.91 ug/ml

Instrument :
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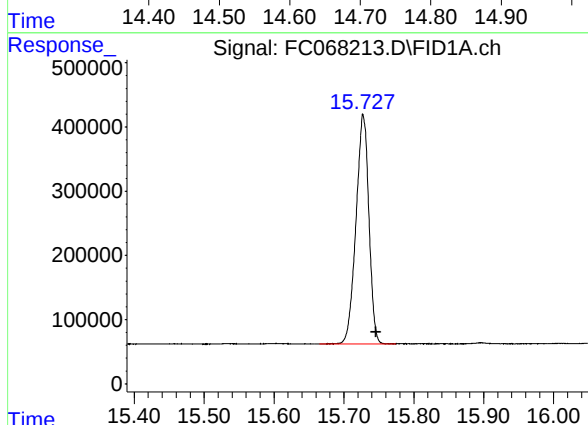
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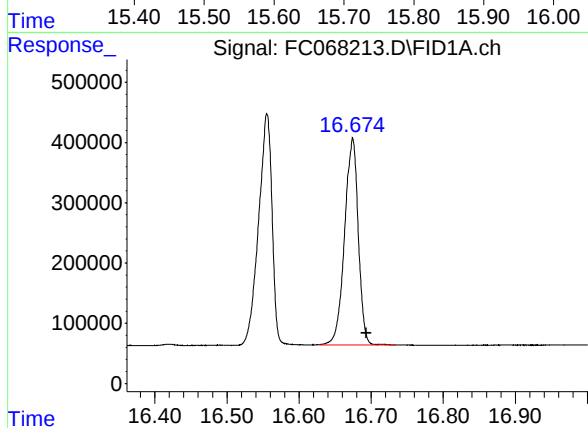
#14 n-Tetracosane (C24)

R.T.: 14.666 min
Delta R.T.: -0.024 min
Response: 9810159
Conc: 76.41 ug/ml



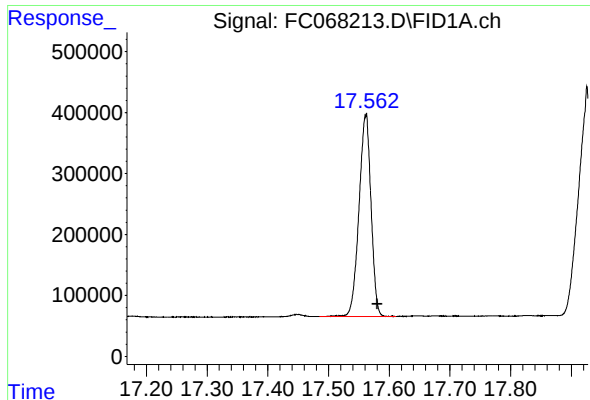
#15 n-Hexacosane (C26)

R.T.: 15.728 min
Delta R.T.: -0.018 min
Response: 4575424
Conc: 36.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.674 min
Delta R.T.: -0.020 min
Response: 4545260
Conc: 36.34 ug/ml



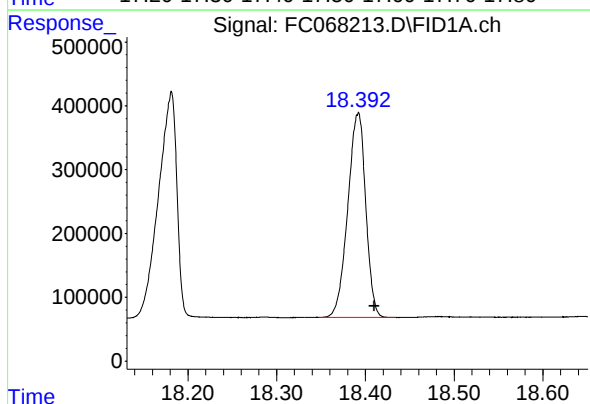
#17 n-Tricontane (C30)

R.T.: 17.561 min
Delta R.T.: -0.019 min
Response: 4562665
Conc: 35.30 ug/ml

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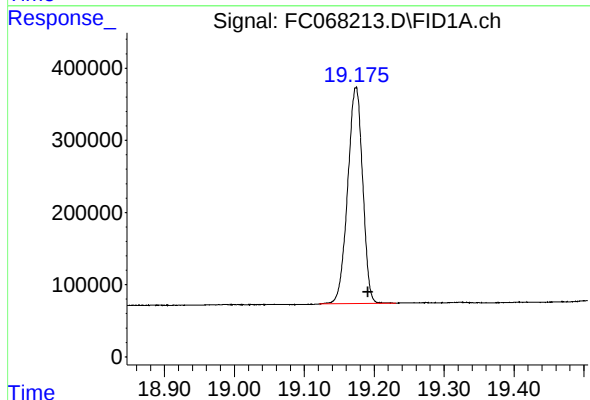
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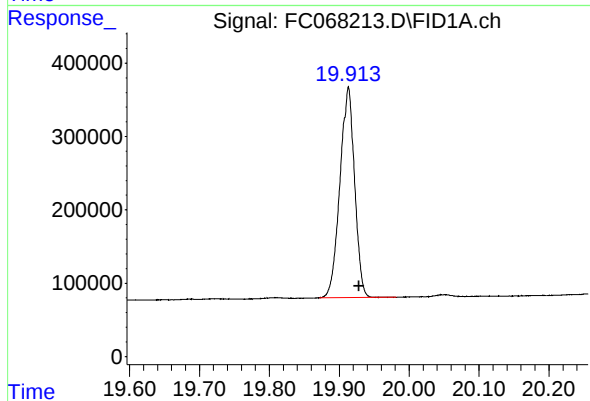
#18 n-Dotriacontane (C32)

R.T.: 18.392 min
Delta R.T.: -0.019 min
Response: 4499851
Conc: 36.00 ug/ml



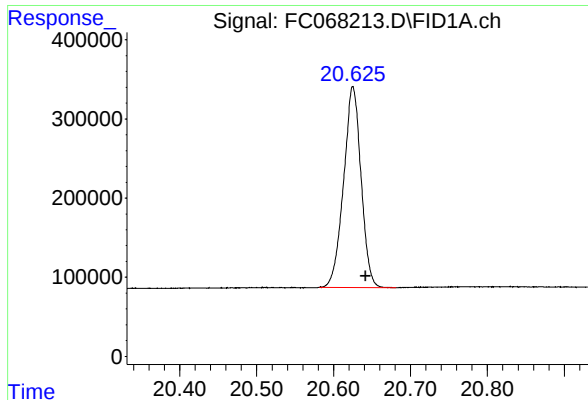
#19 n-Tetratriacontane (C34)

R.T.: 19.174 min
Delta R.T.: -0.017 min
Response: 4466220
Conc: 41.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.913 min
Delta R.T.: -0.015 min
Response: 4192992
Conc: 45.31 ug/ml



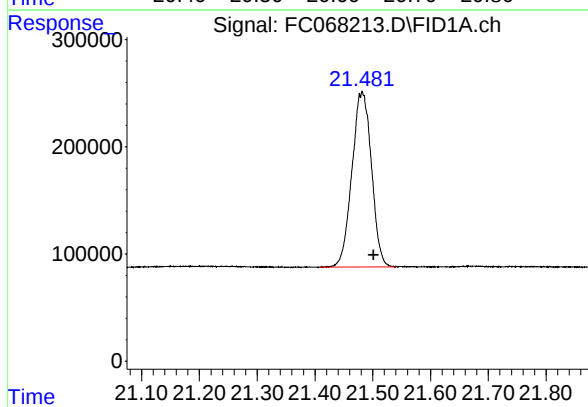
#21 n-Octatriacontane (C38)

R.T.: 20.625 min
Delta R.T.: -0.017 min
Response: 3996921
Conc: 46.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.481 min
Delta R.T.: -0.020 min
Response: 3828819
Conc: 47.35 ug/ml m