

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020525AL\
 Data File : FC068198.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 16:35
 Operator : YP/AJ
 Sample : Q1290-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: autoint1.e
 Quant Time: Feb 06 04:13:45 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)	11.404	4301527	27.527 ug/ml
Spiked Amount 50.000		Recovery =	55.05%
12) S 1-chlorooctadecane (S...	12.846	3325967	28.921 ug/ml
Spiked Amount 50.000		Recovery =	57.84%
Target Compounds			
1) T n-Nonane (C9)	3.225	5059240	36.947 ug/ml
2) T n-Decane (C10)	4.276	5274752	37.994 ug/mlm
3) T A~Naphthalene (C11.7)	5.840	6134009	40.859 ug/ml
4) T n-Dodecane (C12)	6.280	5306399	37.985 ug/ml
5) T A~2-methylnaphthalene...	6.891	5502320	38.308 ug/ml
6) T n-Tetradecane (C14)	8.068	5346178	39.172 ug/ml
7) T n-Hexadecane (C16)	9.663	5199295	37.419 ug/ml
8) T n-Octadecane (C18)	11.100	5041796	36.034 ug/ml
10) T n-Eicosane (C20)	12.447	5875470	43.912 ug/ml
11) T n-Heneicosane (C21)	13.015	4832091	36.791 ug/ml
13) T n-Docosane (C22)	13.601	4735002	36.554 ug/ml
14) T n-Tetracosane (C24)	14.659	9772123	76.115 ug/mlm
15) T n-Hexacosane (C26)	15.721	4480247	35.604 ug/ml
16) T n-Octacosane (C28)	16.667	4461707	35.673 ug/ml
17) T n-Tricontane (C30)	17.553	4371445	33.820 ug/ml
18) T n-Dotriacontane (C32)	18.384	4404616	35.234 ug/ml
19) T n-Tetratriacontane (C34)	19.166	4348329	40.086 ug/ml
20) T n-Hexatriacontane (C36)	19.904	4127988	44.606 ug/ml
21) T n-Octatriacontane (C38)	20.617	4121303	48.097 ug/mlm
22) T n-Tetracontane (C40)	21.472	4095664	50.652 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

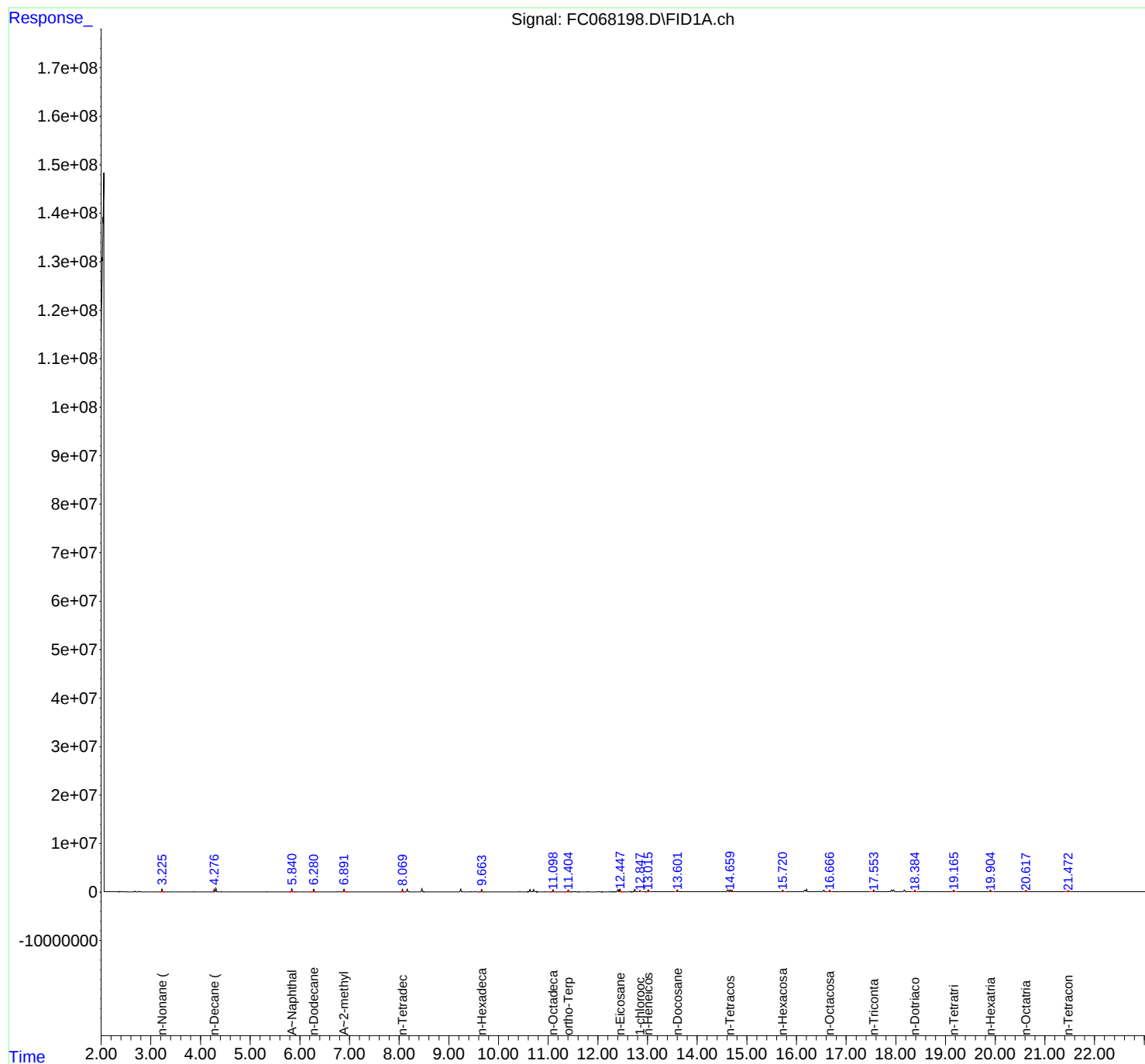
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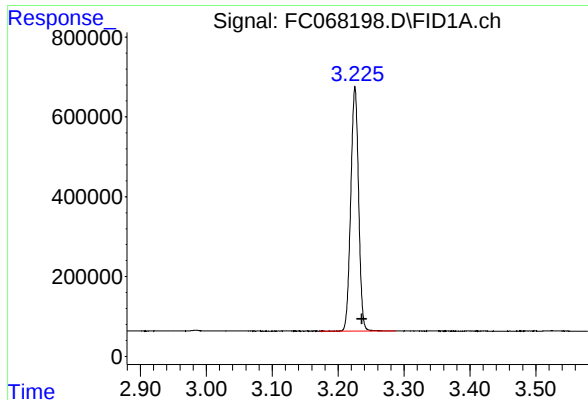
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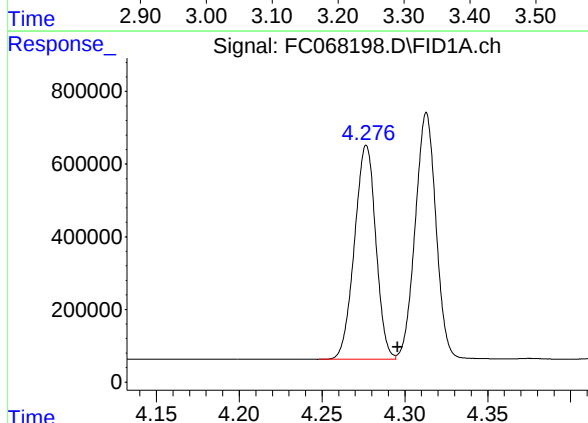
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.011 min
Response: 5059240
Conc: 36.95 ug/ml

Instrument :
FID_C
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1MSD

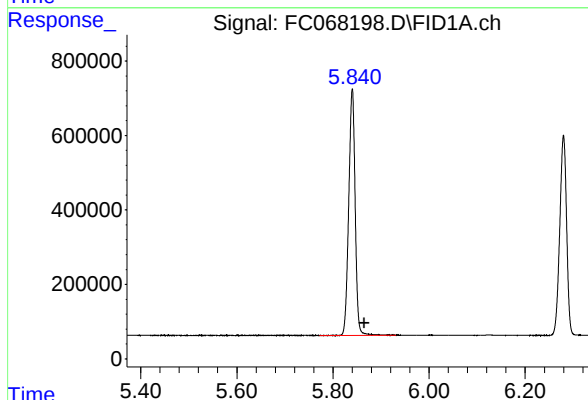
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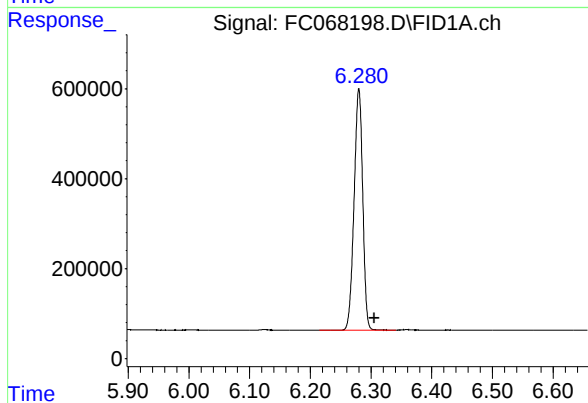
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.019 min
Response: 5274752
Conc: 37.99 ug/ml



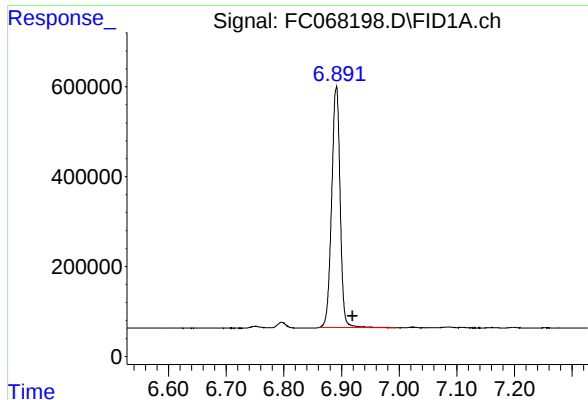
#3 A~Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.025 min
Response: 6134009
Conc: 40.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.280 min
Delta R.T.: -0.026 min
Response: 5306399
Conc: 37.98 ug/ml



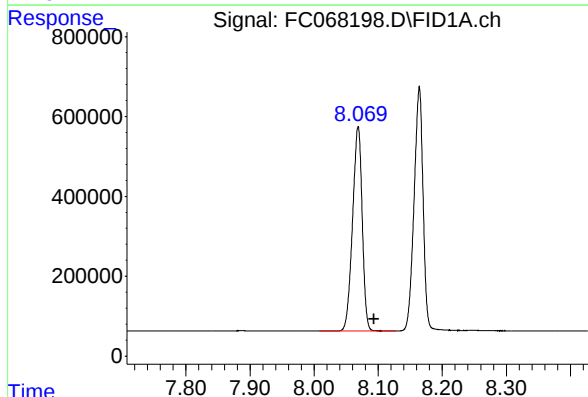
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.028 min
Response: 5502320
Conc: 38.31 ug/ml

Instrument :
FID_C
ClientSampleId :
1MSD

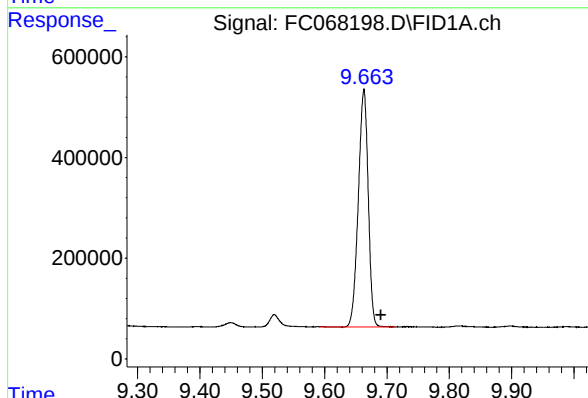
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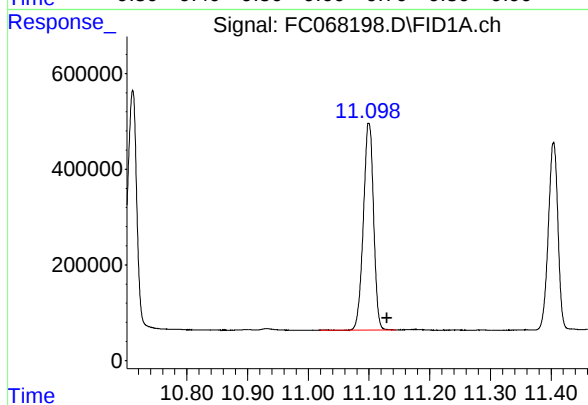
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: -0.026 min
Response: 5346178
Conc: 39.17 ug/ml



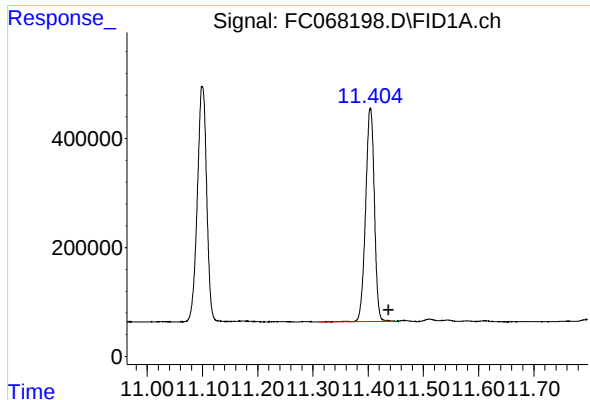
#7 n-Hexadecane (C16)

R.T.: 9.663 min
Delta R.T.: -0.027 min
Response: 5199295
Conc: 37.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.100 min
Delta R.T.: -0.030 min
Response: 5041796
Conc: 36.03 ug/ml



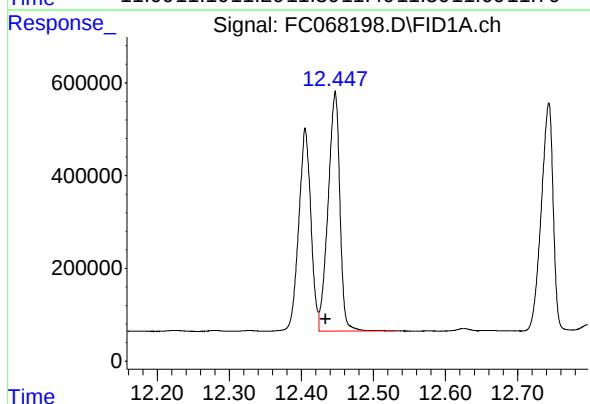
#9 ortho-Terphenyl (SURR)

R.T.: 11.404 min
Delta R.T.: -0.033 min
Response: 4301527
Conc: 27.53 ug/ml

Instrument :
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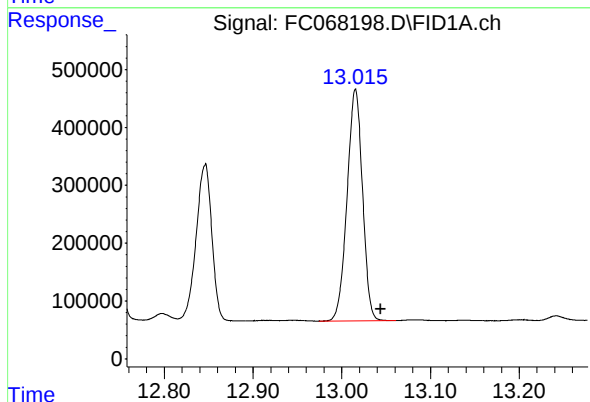
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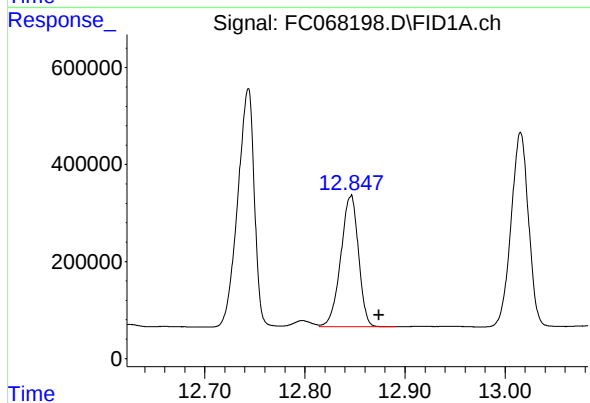
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: 0.013 min
Response: 5875470
Conc: 43.91 ug/ml



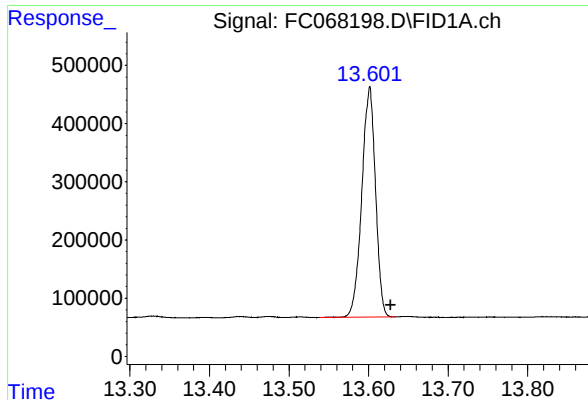
#11 n-Heneicosane (C21)

R.T.: 13.015 min
Delta R.T.: -0.028 min
Response: 4832091
Conc: 36.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.846 min
Delta R.T.: -0.028 min
Response: 3325967
Conc: 28.92 ug/ml



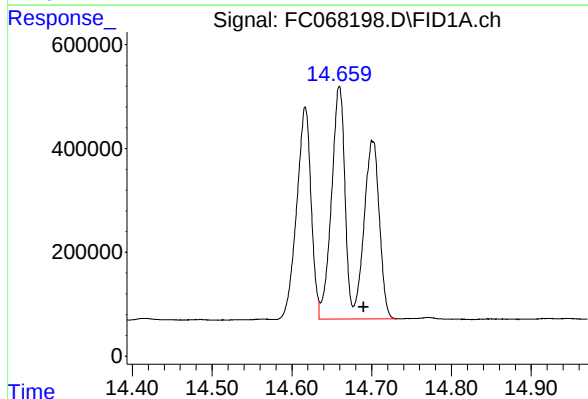
#13 n-Docosane (C22)

R.T.: 13.601 min
Delta R.T.: -0.027 min
Response: 4735002
Conc: 36.55 ug/ml

Instrument :
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ClientSampleId :
1MSD

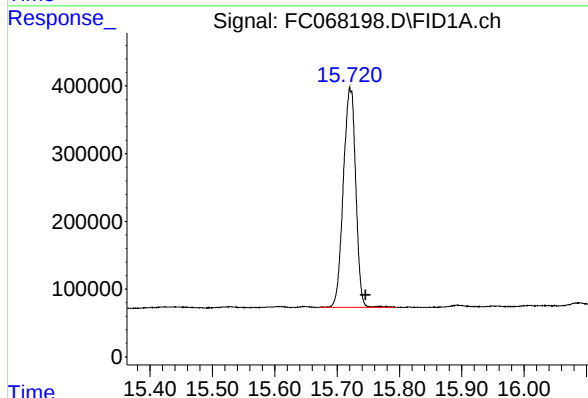
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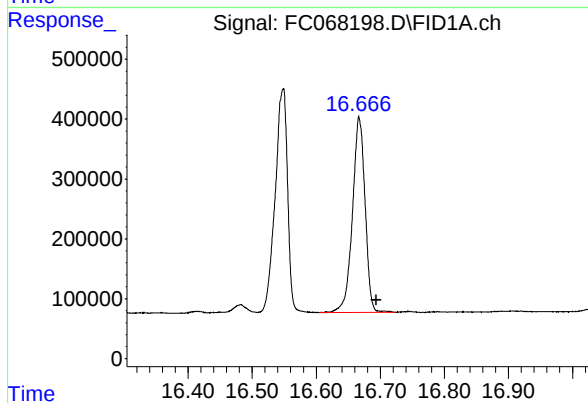
#14 n-Tetracosane (C24)

R.T.: 14.659 min
Delta R.T.: -0.031 min
Response: 9772123
Conc: 76.12 ug/ml



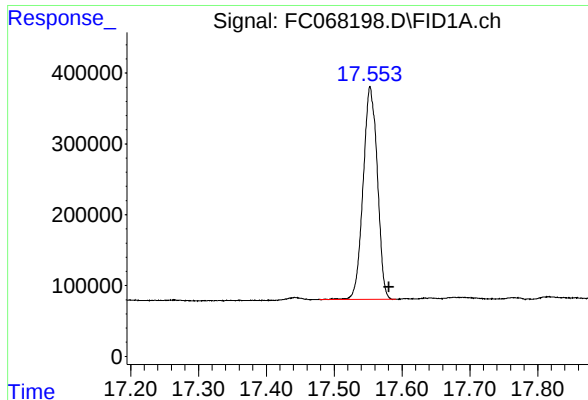
#15 n-Hexacosane (C26)

R.T.: 15.721 min
Delta R.T.: -0.025 min
Response: 4480247
Conc: 35.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.667 min
Delta R.T.: -0.027 min
Response: 4461707
Conc: 35.67 ug/ml



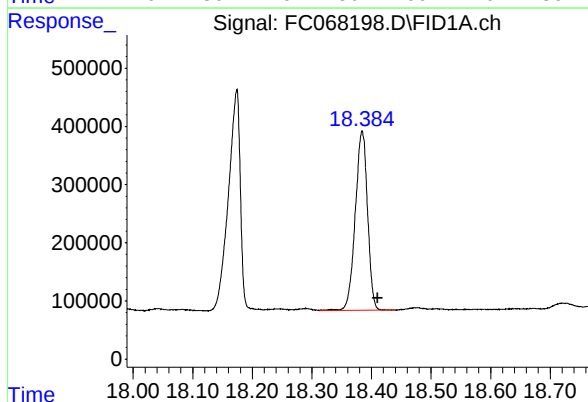
#17 n-Tricontane (C30)

R.T.: 17.553 min
Delta R.T.: -0.027 min
Response: 4371445
Conc: 33.82 ug/ml

Instrument :
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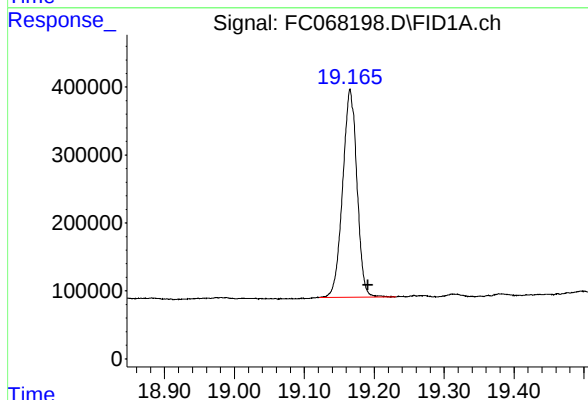
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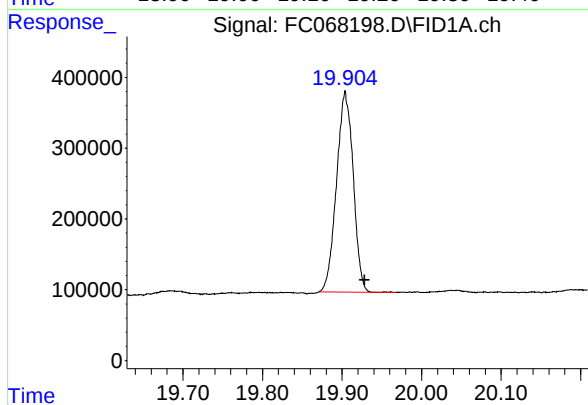
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: -0.026 min
Response: 4404616
Conc: 35.23 ug/ml



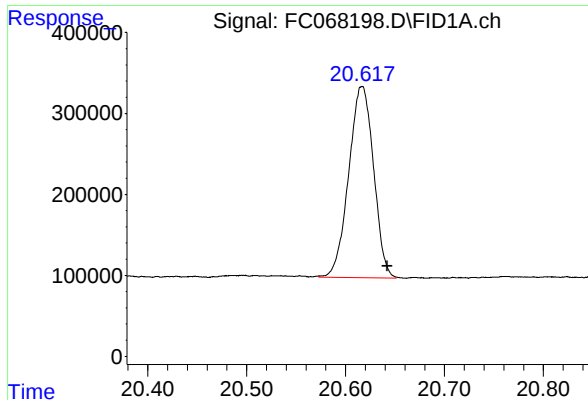
#19 n-Tetratriacontane (C34)

R.T.: 19.166 min
Delta R.T.: -0.025 min
Response: 4348329
Conc: 40.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.904 min
Delta R.T.: -0.024 min
Response: 4127988
Conc: 44.61 ug/ml



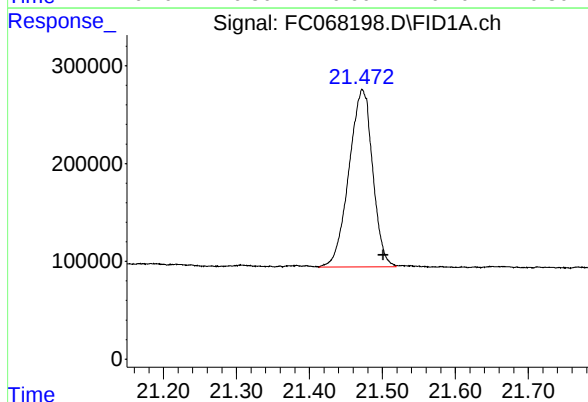
#21 n-Octatriacontane (C38)

R.T.: 20.617 min
Delta R.T.: -0.025 min
Response: 4121303
Conc: 48.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.472 min
Delta R.T.: -0.029 min
Response: 4095664
Conc: 50.65 ug/ml