

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010323AL\
 Data File : FC062552.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jan 2023 20:21
 Operator : YP/AJ
 Sample : N6248-12MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-20MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2023
 Supervised By :Ankita Jodhani 01/04/2023

Integration File: autoint1.e
 Quant Time: Jan 04 02:45:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.560	4255069	30.165 ug/ml
Spiked Amount 50.000		Recovery =	60.33%
12) S 1-chlorooctadecane (S...	12.996	3323129	31.178 ug/ml
Spiked Amount 50.000		Recovery =	62.36%
Target Compounds			
1) T n-Nonane (C9)	3.320	2499278	19.432 ug/ml
2) T n-Decane (C10)	4.386	2730269	21.948 ug/ml
3) T A~Naphthalene (C11.7)	5.969	4858979	34.242 ug/ml
4) T n-Dodecane (C12)	6.404	2815275	22.476 ug/ml
5) T A~2-methylnaphthalene...	7.027	4526163	35.201 ug/ml
6) T n-Tetradecane (C14)	8.202	2735125	22.459 ug/ml
7) T n-Hexadecane (C16)	9.803	2854922	22.746 ug/ml
8) T n-Octadecane (C18)	11.244	2923042	22.880 ug/ml
10) T n-Eicosane (C20)	12.552	2820138	22.671 ug/ml
11) T n-Heneicosane (C21)	13.163	2690599	21.773 ug/ml
13) T n-Docosane (C22)	13.750	2675565	22.026 ug/ml
14) T n-Tetracosane (C24)	14.849	1934182	16.136 ug/mlm
15) T n-Hexacosane (C26)	15.872	2459980	21.176 ug/ml
16) T n-Octacosane (C28)	16.819	2400773	21.123 ug/ml
17) T n-Tricontane (C30)	17.706	2305619	20.623 ug/ml
18) T n-Dotriacontane (C32)	18.536	2352834	21.174 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2562751	23.689 ug/ml
20) T n-Hexatriacontane (C36)	20.056	2894312	28.509 ug/ml
21) T n-Octatriacontane (C38)	20.789	3189943	31.180 ug/ml
22) T n-Tetracontane (C40)	21.698	3489232	34.428 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : N6248-12MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

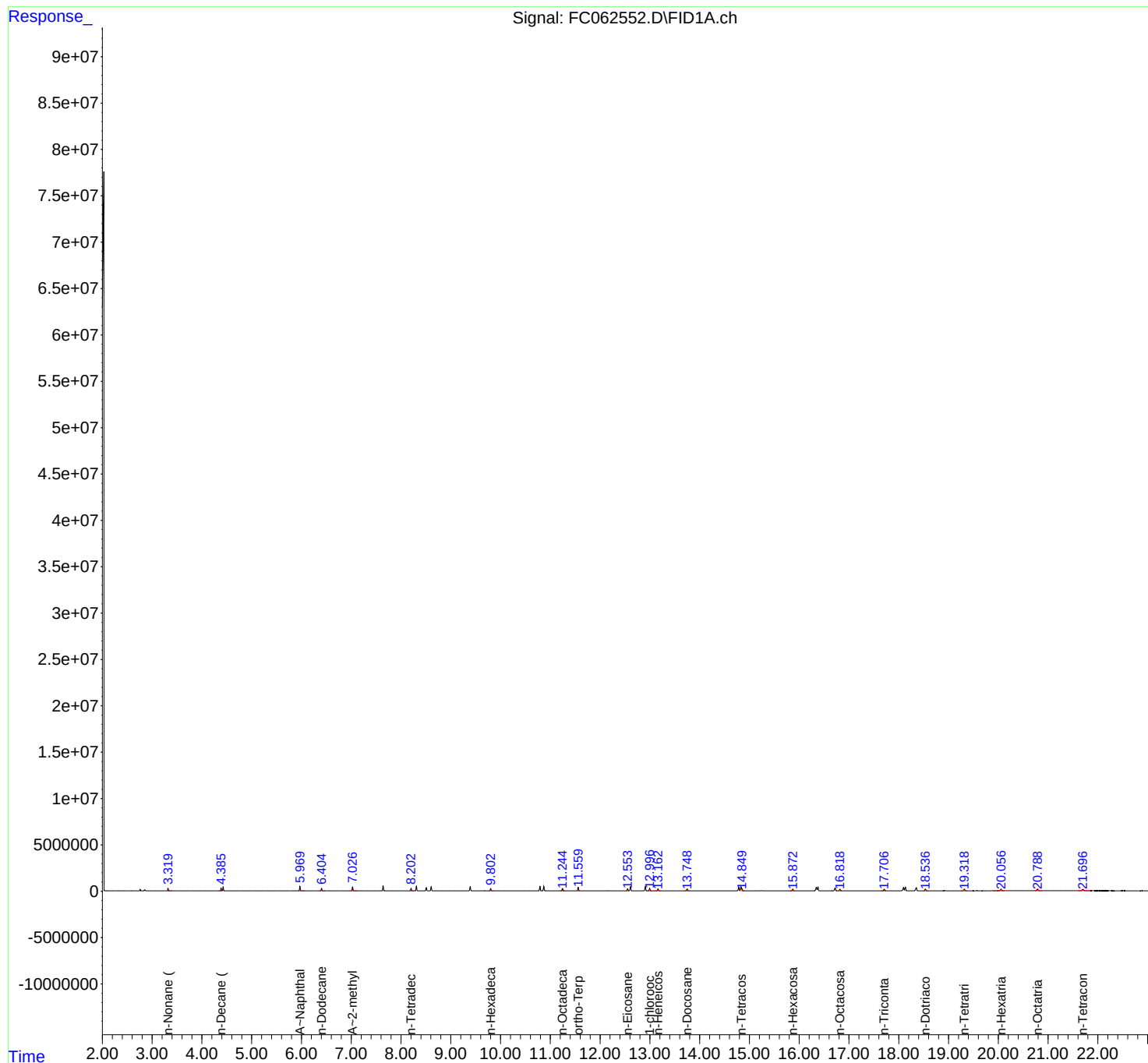
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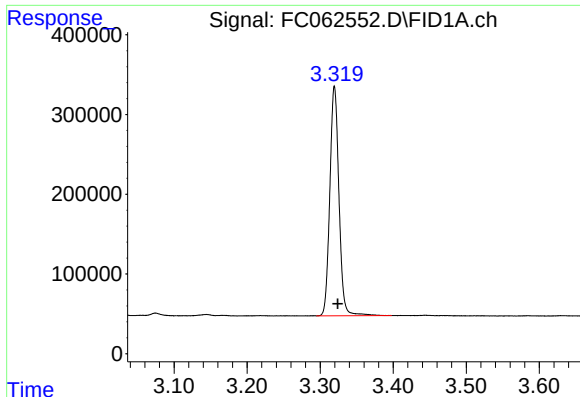
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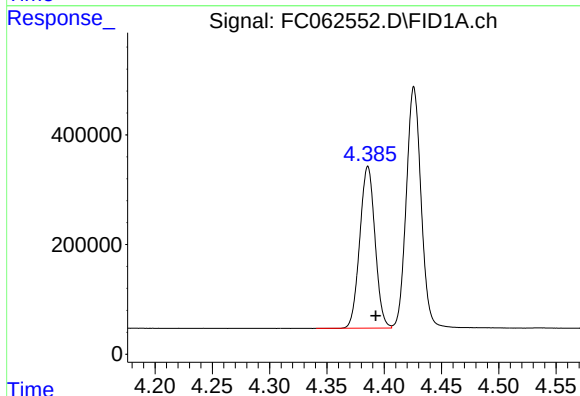
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.004 min
Response: 2499278
Conc: 19.43 ug/ml

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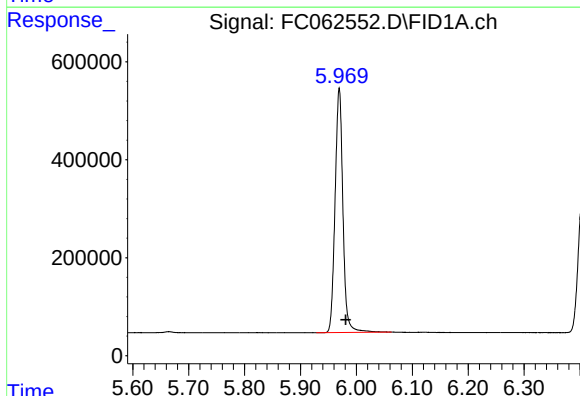
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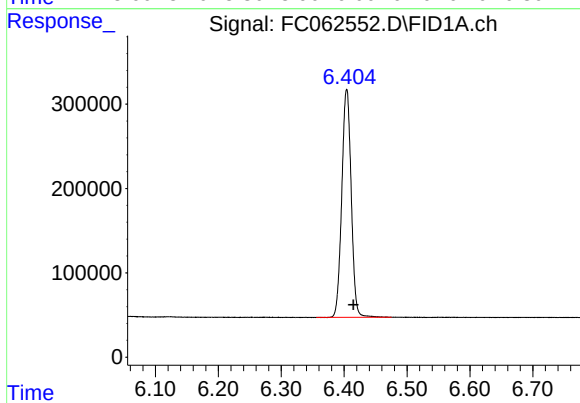
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.007 min
Response: 2730269
Conc: 21.95 ug/ml



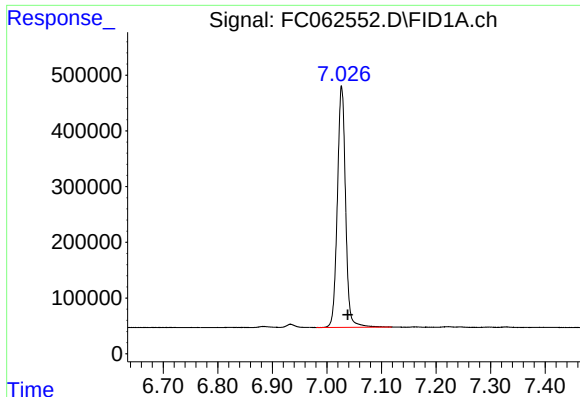
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.011 min
Response: 4858979
Conc: 34.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.011 min
Response: 2815275
Conc: 22.48 ug/ml



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

R.T.: 7.027 min
Delta R.T.: -0.011 min
Response: 4526163
Conc: 35.20 ug/ml

Instrument :

FID_C

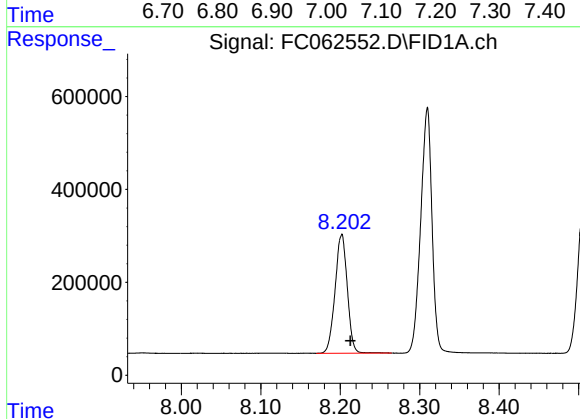
ClientSampleId :

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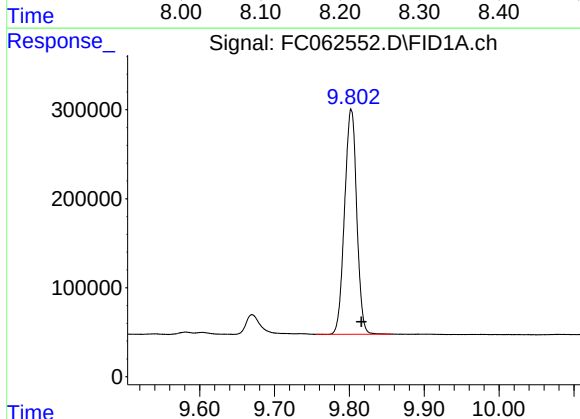
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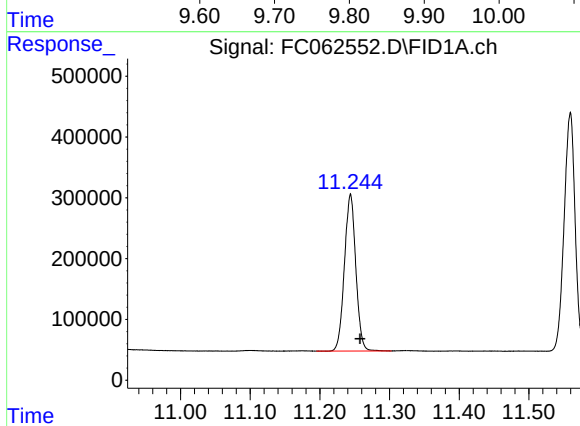
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: -0.011 min
Response: 2735125
Conc: 22.46 ug/ml



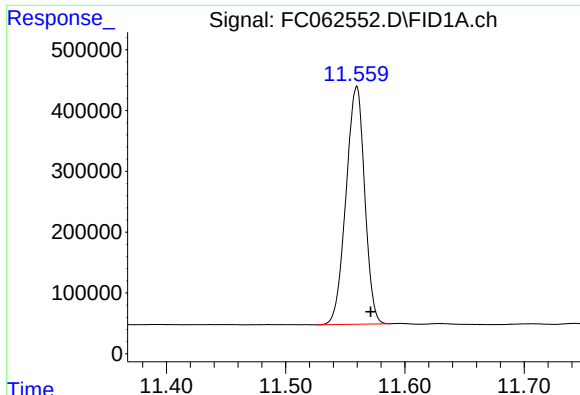
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: -0.013 min
Response: 2854922
Conc: 22.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.014 min
Response: 2923042
Conc: 22.88 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.560 min
Delta R.T.: -0.012 min
Response: 4255069
Conc: 30.16 ug/ml

Instrument :

FID_C

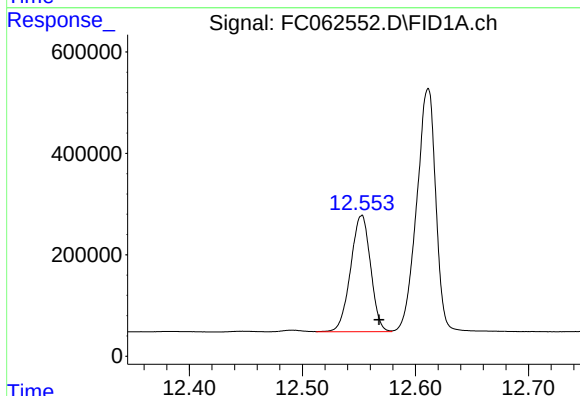
ClientSampleId :

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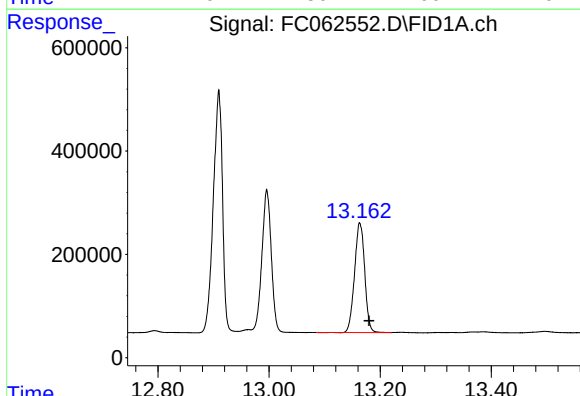
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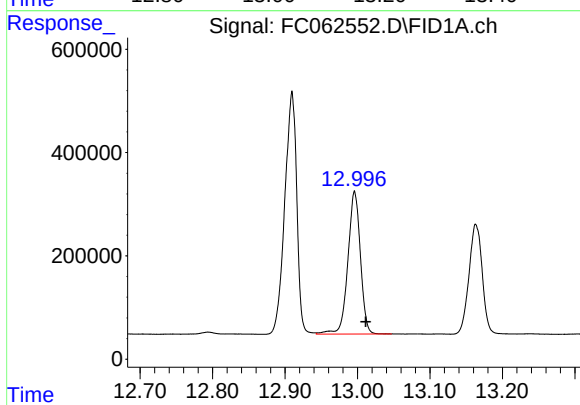
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.015 min
Response: 2820138
Conc: 22.67 ug/ml



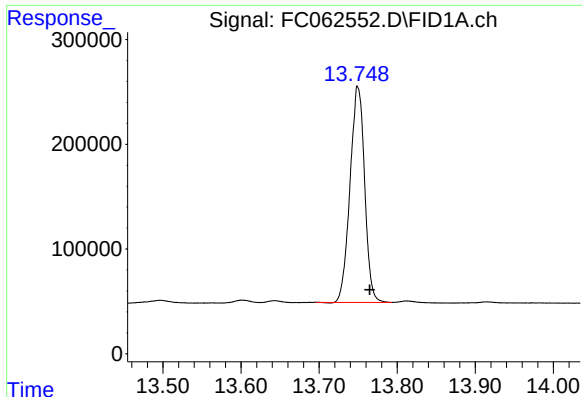
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.017 min
Response: 2690599
Conc: 21.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.015 min
Response: 3323129
Conc: 31.18 ug/ml



#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.015 min
Response: 2675565
Conc: 22.03 ug/ml

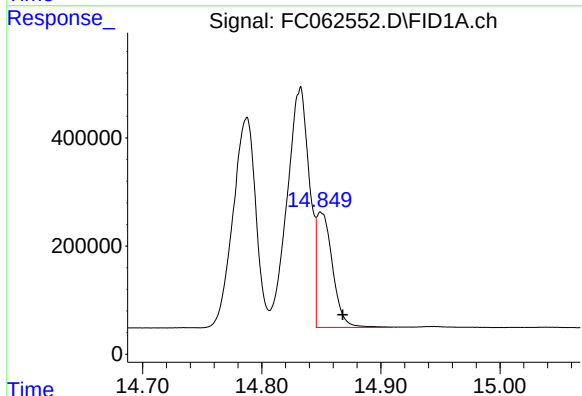
Instrument :

FID_C

ClientSampleId :
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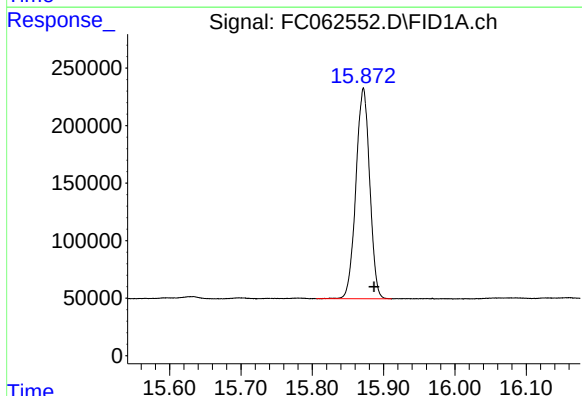
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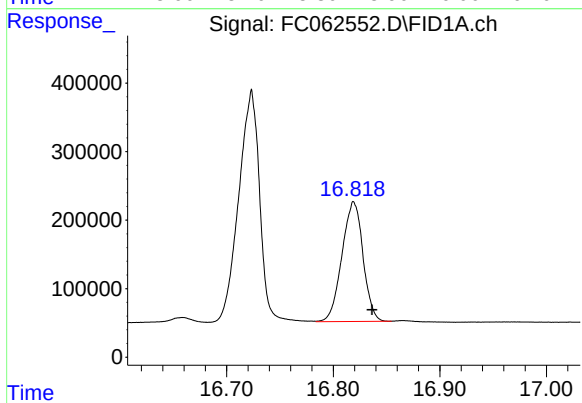
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.019 min
Response: 1934182
Conc: 16.14 ug/ml m



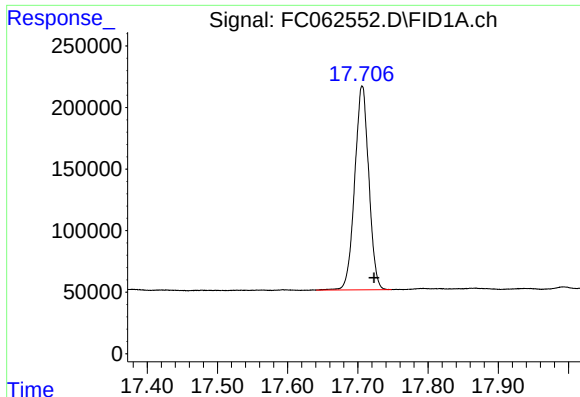
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.015 min
Response: 2459980
Conc: 21.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: -0.017 min
Response: 2400773
Conc: 21.12 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.706 min
Delta R.T.: -0.017 min
Response: 2305619
Conc: 20.62 ug/ml

Instrument :

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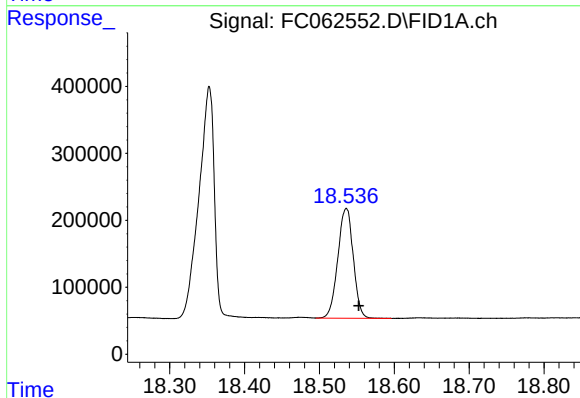
ClientSampleId :

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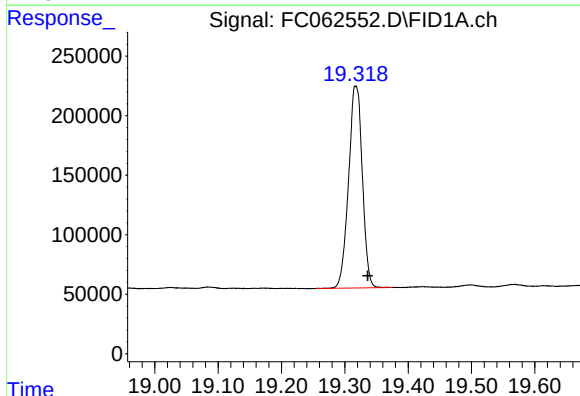
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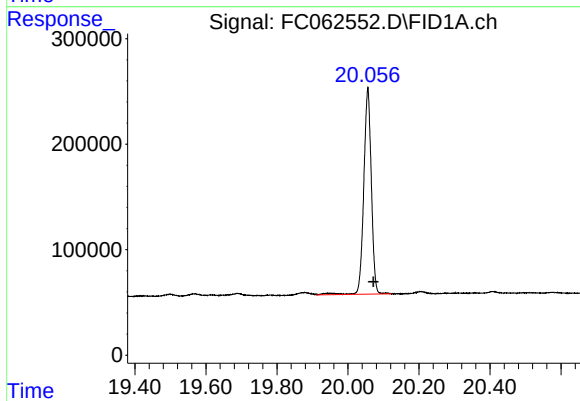
#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: -0.017 min
Response: 2352834
Conc: 21.17 ug/ml



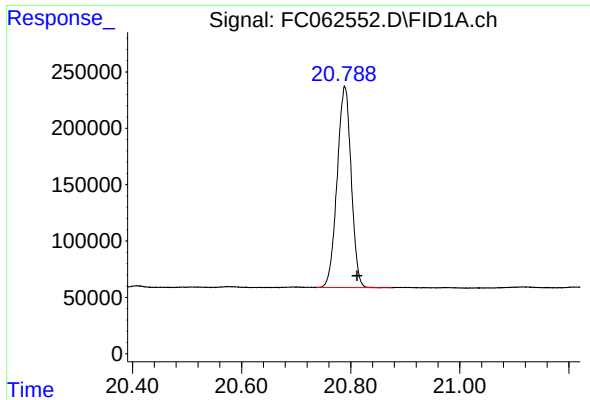
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.019 min
Response: 2562751
Conc: 23.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.056 min
Delta R.T.: -0.016 min
Response: 2894312
Conc: 28.51 ug/ml



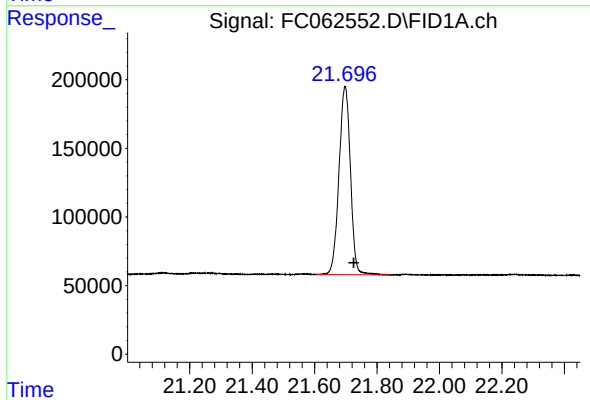
#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.022 min
Response: 3189943
Conc: 31.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.028 min
Response: 3489232
Conc: 34.43 ug/ml