

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010323AL\
 Data File : FC062548.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jan 2023 17:29
 Operator : YP/AJ
 Sample : PB150021BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB150021BS

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 02:45:18 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)	11.559	5028369	35.647 ug/ml
Spiked Amount 50.000		Recovery =	71.29%
12) S 1-chlorooctadecane (S...	12.997	3955583	37.112 ug/ml
Spiked Amount 50.000		Recovery =	74.22%
Target Compounds			
1) T n-Nonane (C9)	3.336	4536029	35.269 ug/ml
2) T n-Decane (C10)	4.393	4584985	36.857 ug/ml
3) T A~Naphthalene (C11.7)	5.971	5124651	36.114 ug/ml
4) T n-Dodecane (C12)	6.405	4692515	37.463 ug/ml
5) T A~2-methylnaphthalene...	7.027	4839925	37.642 ug/ml
6) T n-Tetradecane (C14)	8.201	4602867	37.795 ug/ml
7) T n-Hexadecane (C16)	9.802	4646253	37.017 ug/ml
8) T n-Octadecane (C18)	11.245	4676036	36.602 ug/ml
10) T n-Eicosane (C20)	12.554	4441231	35.703 ug/ml
11) T n-Heneicosane (C21)	13.165	4299485	34.792 ug/ml
13) T n-Docosane (C22)	13.751	4234999	34.863 ug/ml
14) T n-Tetracosane (C24)	14.851	3982113	33.221 ug/ml
15) T n-Hexacosane (C26)	15.874	3930969	33.839 ug/ml
16) T n-Octacosane (C28)	16.820	3836681	33.757 ug/ml
17) T n-Tricontane (C30)	17.707	3673027	32.853 ug/ml
18) T n-Dotriacontane (C32)	18.537	3459092	31.130 ug/ml
19) T n-Tetratriacontane (C34)	19.319	2800321	25.885 ug/ml
20) T n-Hexatriacontane (C36)	20.058	1865079	18.371 ug/ml
21) T n-Octatriacontane (C38)	20.789	1196585	11.696 ug/ml
22) T n-Tetracontane (C40)	21.690	871725	8.601 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB150021BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

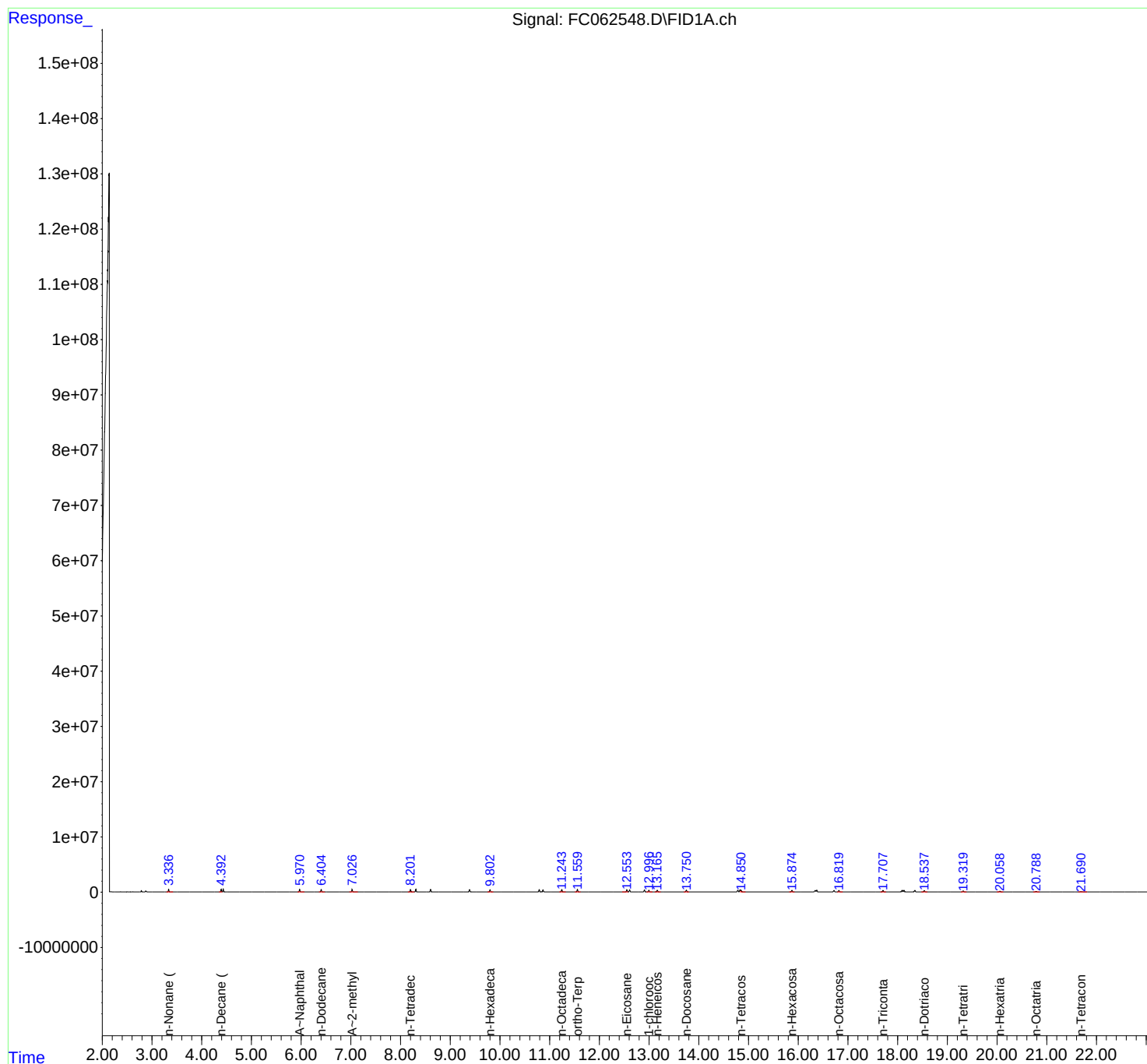
Instrument :
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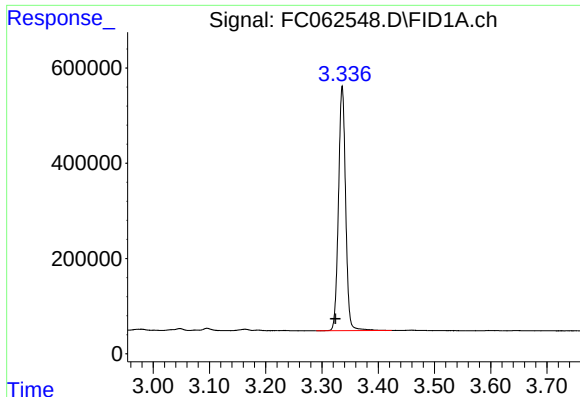
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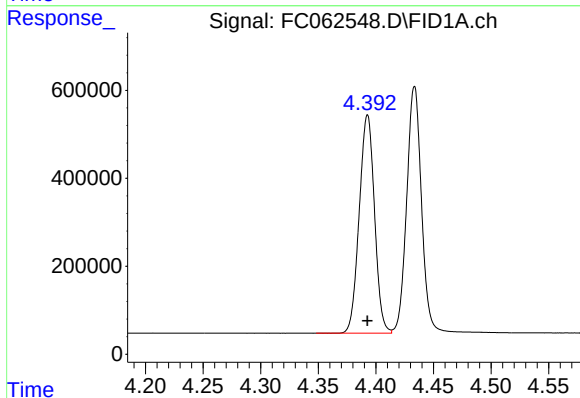
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: 0.012 min
Response: 4536029
Conc: 35.27 ug/ml

Instrument :
FID_C
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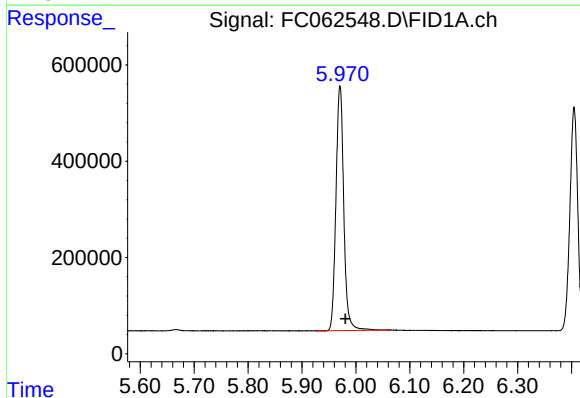
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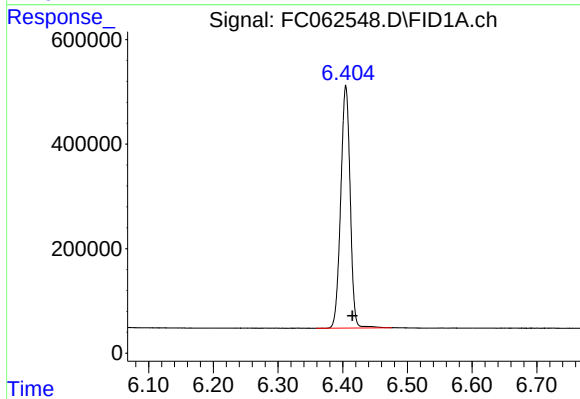
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 4584985
Conc: 36.86 ug/ml



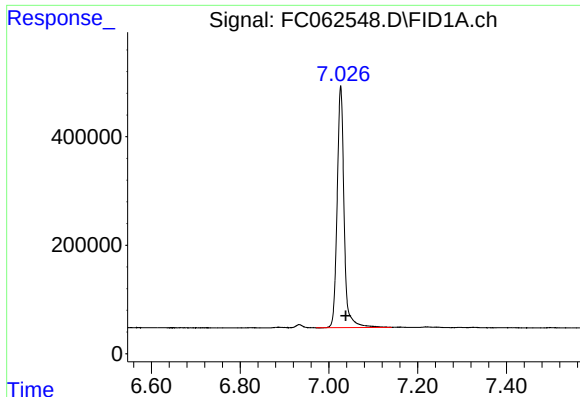
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.010 min
Response: 5124651
Conc: 36.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.405 min
Delta R.T.: -0.010 min
Response: 4692515
Conc: 37.46 ug/ml



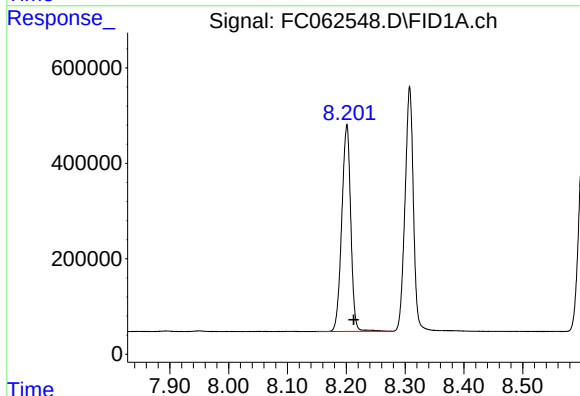
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: -0.012 min
Response: 4839925
Conc: 37.64 ug/ml

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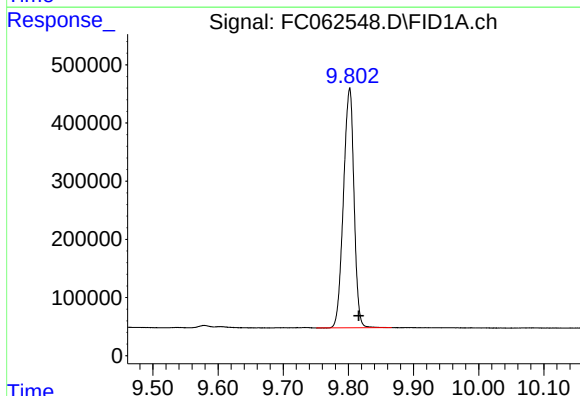
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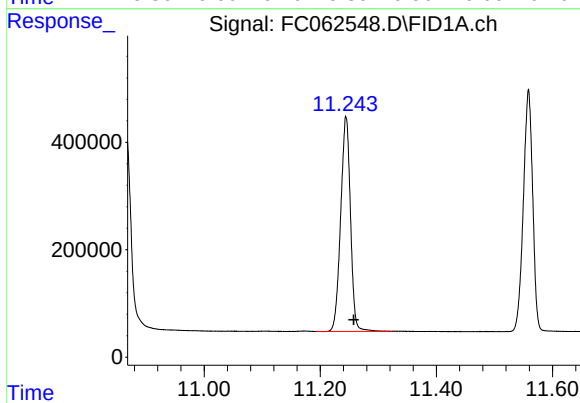
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.012 min
Response: 4602867
Conc: 37.80 ug/ml



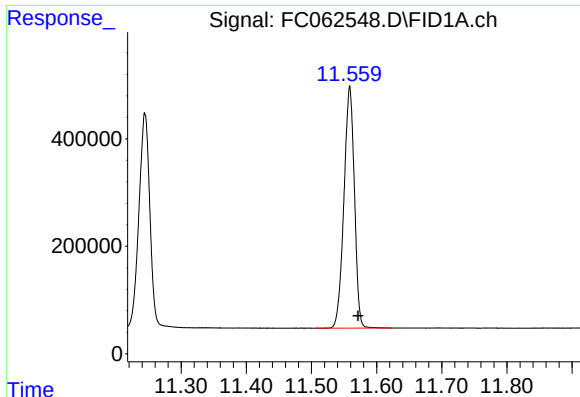
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: -0.014 min
Response: 4646253
Conc: 37.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: -0.013 min
Response: 4676036
Conc: 36.60 ug/ml



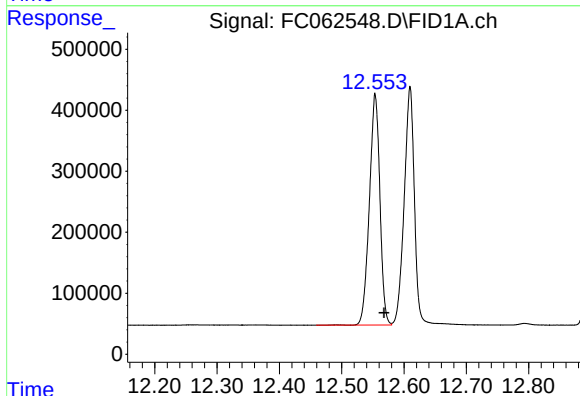
#9 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: -0.013 min
Response: 5028369
Conc: 35.65 ug/ml

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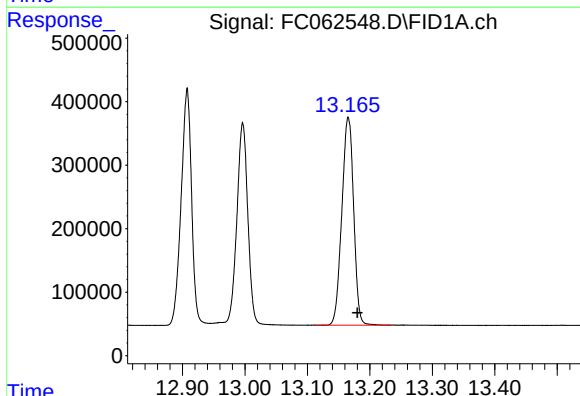
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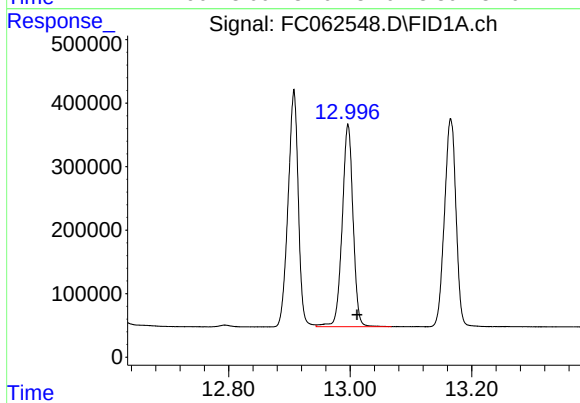
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.014 min
Response: 4441231
Conc: 35.70 ug/ml



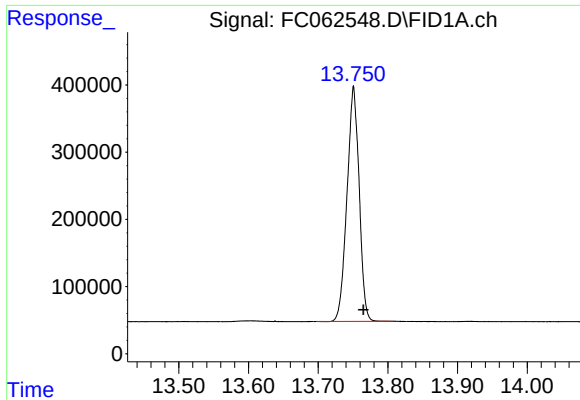
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.015 min
Response: 4299485
Conc: 34.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.015 min
Response: 3955583
Conc: 37.11 ug/ml



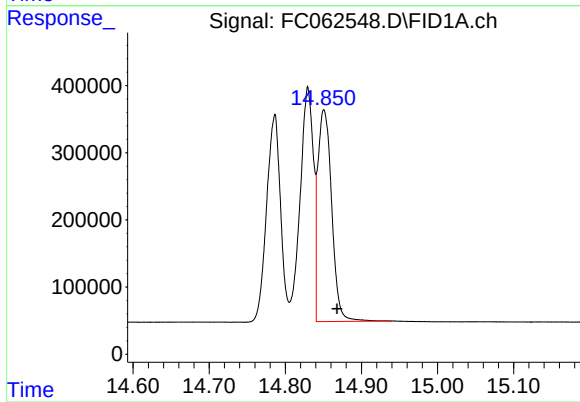
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.014 min
Response: 4234999
Conc: 34.86 ug/ml

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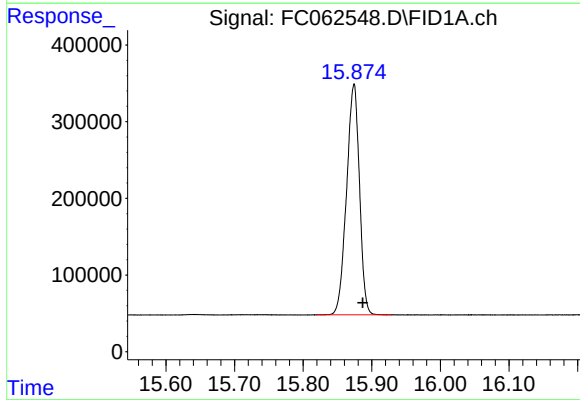
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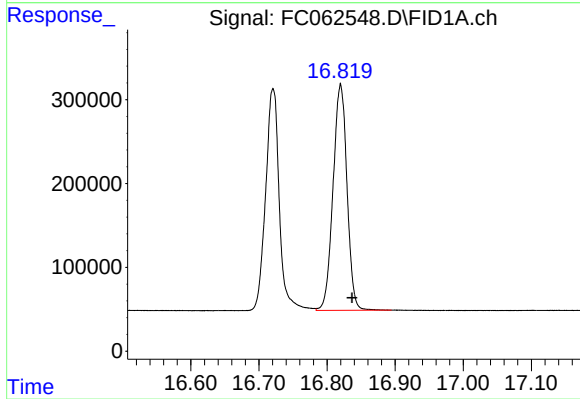
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.017 min
Response: 3982113
Conc: 33.22 ug/ml



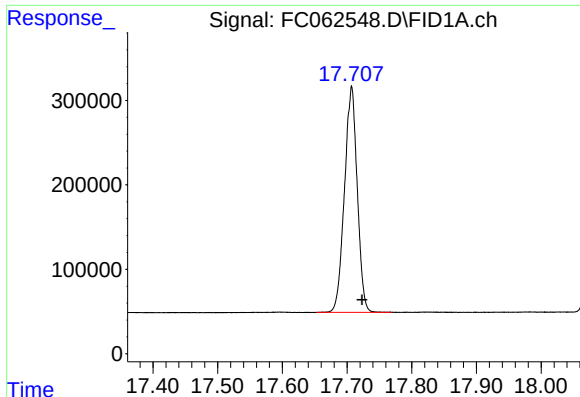
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.013 min
Response: 3930969
Conc: 33.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.820 min
Delta R.T.: -0.017 min
Response: 3836681
Conc: 33.76 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.707 min
Delta R.T.: -0.016 min
Response: 3673027
Conc: 32.85 ug/ml

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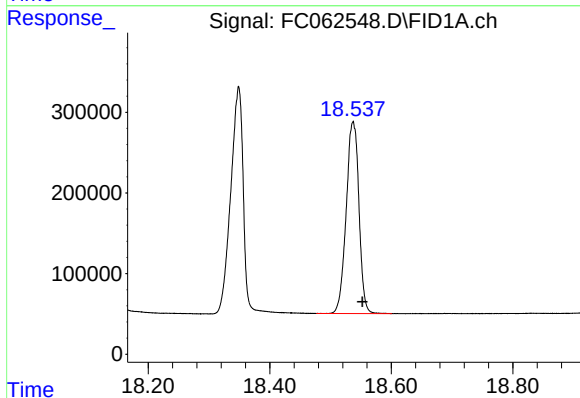
ClientSampleId :

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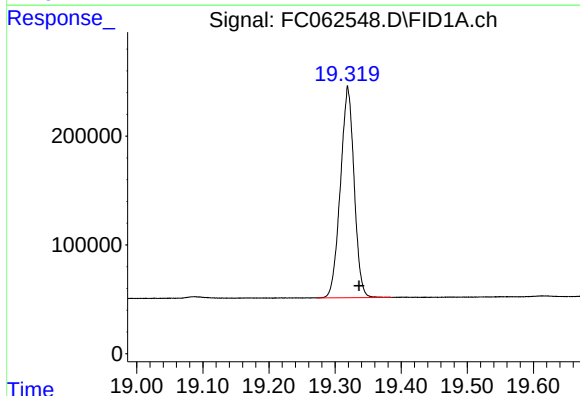
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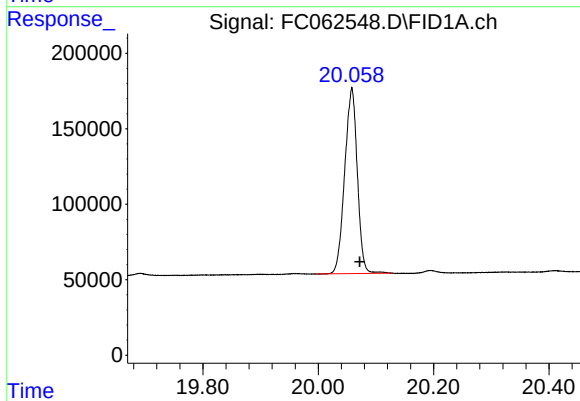
#18 n-Dotriacontane (C32)

R.T.: 18.537 min
Delta R.T.: -0.016 min
Response: 3459092
Conc: 31.13 ug/ml



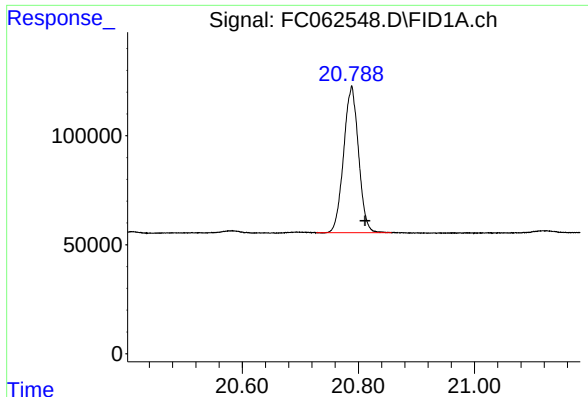
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min
Delta R.T.: -0.017 min
Response: 2800321
Conc: 25.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: -0.014 min
Response: 1865079
Conc: 18.37 ug/ml



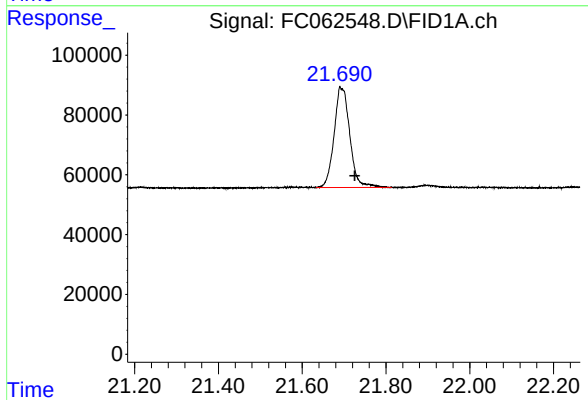
#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.023 min
Response: 1196585
Conc: 11.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.690 min
Delta R.T.: -0.035 min
Response: 871725
Conc: 8.60 ug/ml m