

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061331.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2022 17:08
 Operator : YP/AJ
 Sample : PB147323BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147323BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2022
 Supervised By :Ankita Jodhani 08/30/2022

Integration File: autoint1.e
 Quant Time: Aug 30 04:58:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.646	6539281	36.939 ug/ml
Spiked Amount 50.000		Recovery =	73.88%
12) S 1-chlorooctadecane (S...	13.076	5232243	37.360 ug/ml
Spiked Amount 50.000		Recovery =	74.72%
Target Compounds			
1) T n-Nonane (C9)	3.420	4997017	33.051 ug/ml
2) T n-Decane (C10)	4.484	5215141	34.369 ug/ml
3) T A~Naphthalene (C11.7)	6.068	5731715	33.112 ug/ml
4) T n-Dodecane (C12)	6.495	5528227	35.695 ug/ml
5) T A~2-methylnaphthalene...	7.121	5694876	32.342 ug/ml
6) T n-Tetradecane (C14)	8.289	5700917	36.447 ug/ml
7) T n-Hexadecane (C16)	9.885	6009607	38.368 ug/ml
8) T n-Octadecane (C18)	11.325	6287291	39.852 ug/ml
10) T n-Eicosane (C20)	12.632	6205360	39.916 ug/ml
11) T n-Heneicosane (C21)	13.243	6173128	39.466 ug/ml
13) T n-Docosane (C22)	13.828	6101651	39.320 ug/ml
14) T n-Tetracosane (C24)	14.917	11433605	73.907 ug/ml
15) T n-Hexacosane (C26)	15.948	5745244	38.173 ug/ml
16) T n-Octacosane (C28)	16.894	5545900	37.547 ug/ml
17) T n-Tricontane (C30)	17.780	5285199	38.266 ug/ml
18) T n-Dotriacontane (C32)	18.611	5162482	47.032 ug/ml
19) T n-Tetratriacontane (C34)	19.392	5125483	66.403 ug/ml
20) T n-Hexatriacontane (C36)	20.131	4856323	86.016 ug/mlm
21) T n-Octatriacontane (C38)	20.873	4873509	105.052 ug/ml
22) T n-Tetracontane (C40)	21.804	4993821	119.060 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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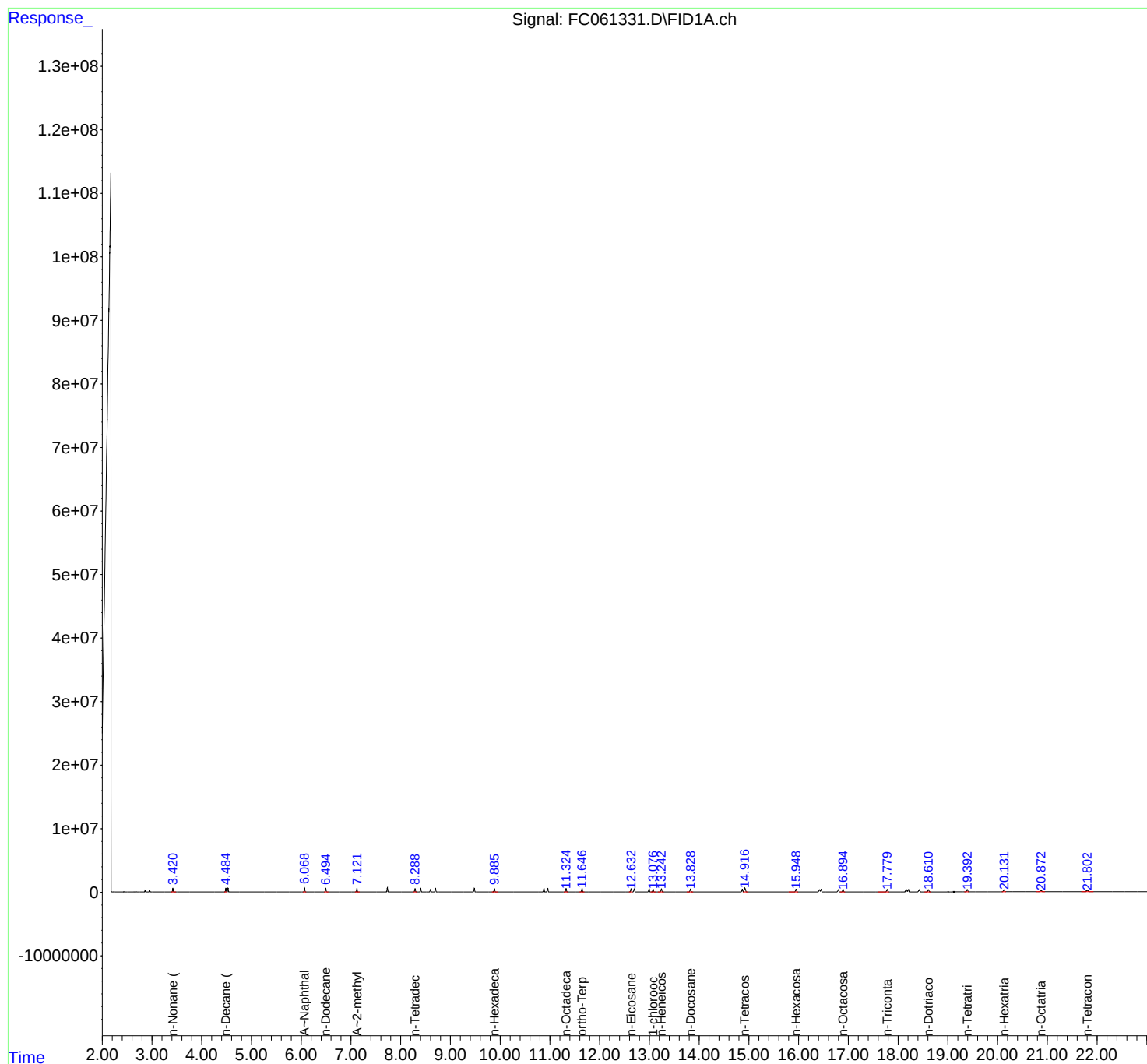
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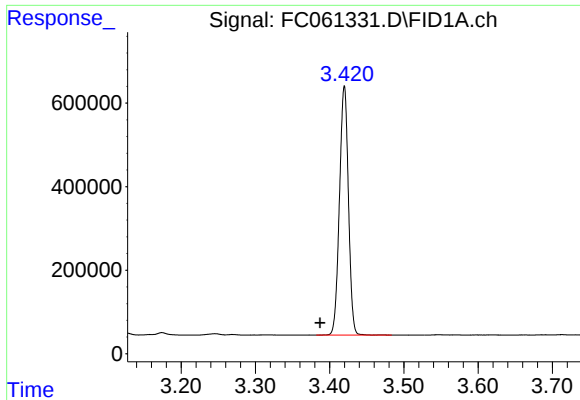
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#1 n-Nonane (C9)

R.T.: 3.420 min
Delta R.T.: 0.033 min
Response: 4997017
Conc: 33.05 ug/ml

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FID_C

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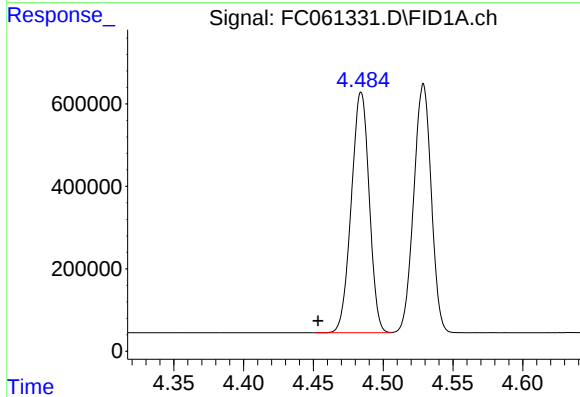
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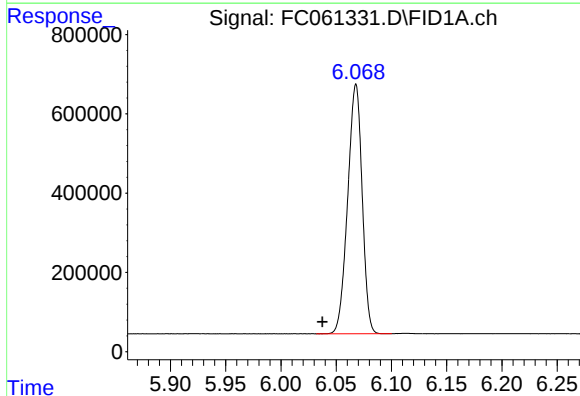
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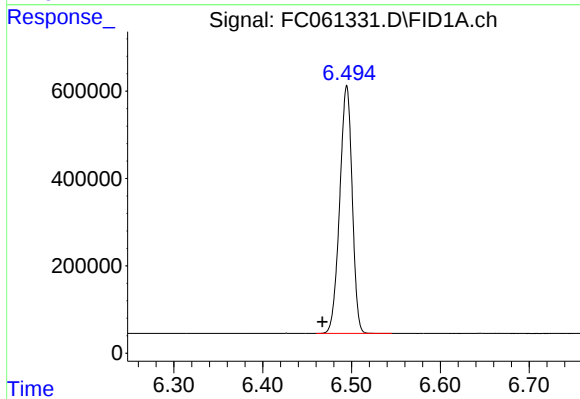
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: 0.031 min
Response: 5215141
Conc: 34.37 ug/ml



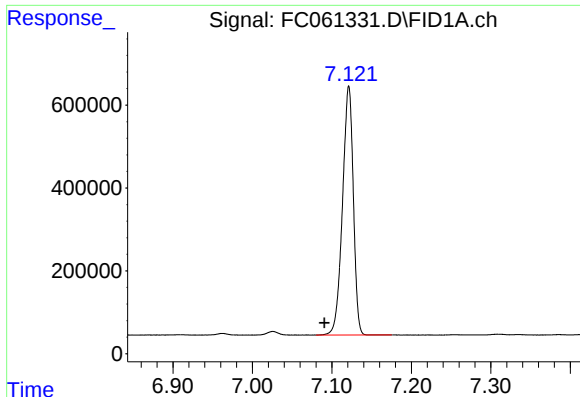
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.030 min
Response: 5731715
Conc: 33.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.027 min
Response: 5528227
Conc: 35.70 ug/ml



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

R.T.: 7.121 min
Delta R.T.: 0.031 min
Response: 5694876
Conc: 32.34 ug/ml

Instrument :

FID_C

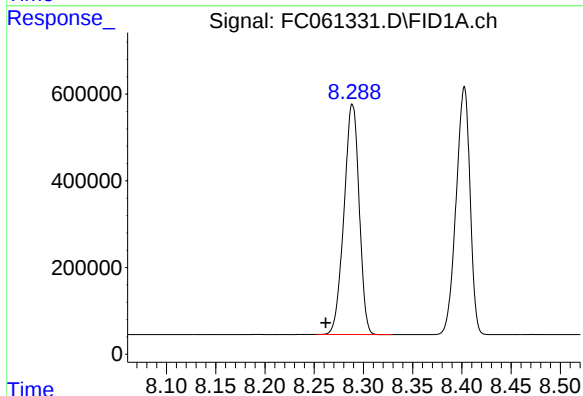
ClientSampleId :

PB147323BS

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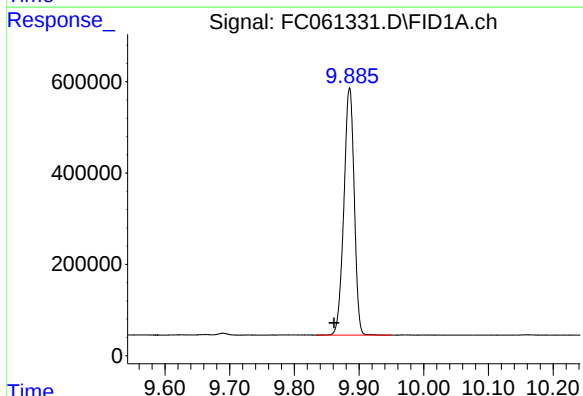
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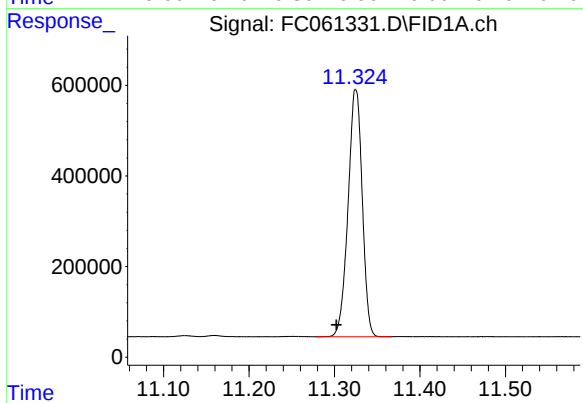
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.027 min
Response: 5700917
Conc: 36.45 ug/ml



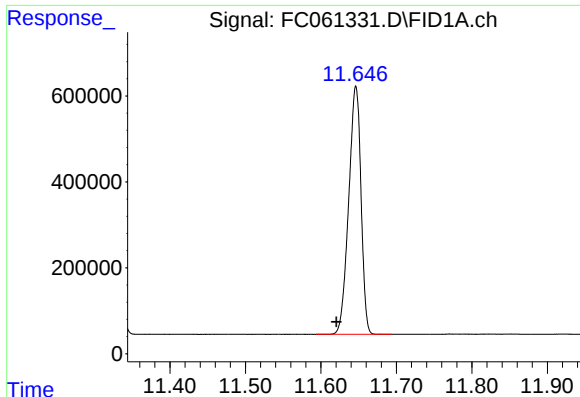
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.024 min
Response: 6009607
Conc: 38.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: 0.023 min
Response: 6287291
Conc: 39.85 ug/ml



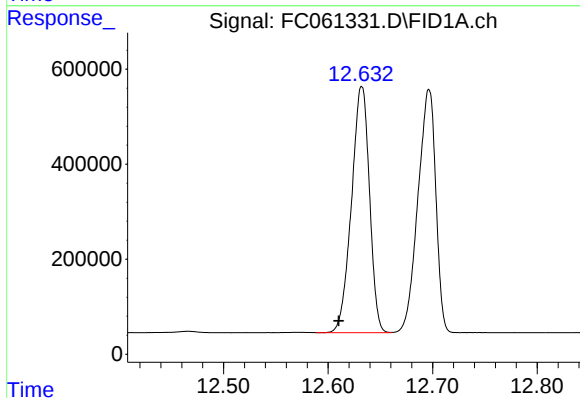
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.026 min
Response: 6539281
Conc: 36.94 ug/ml

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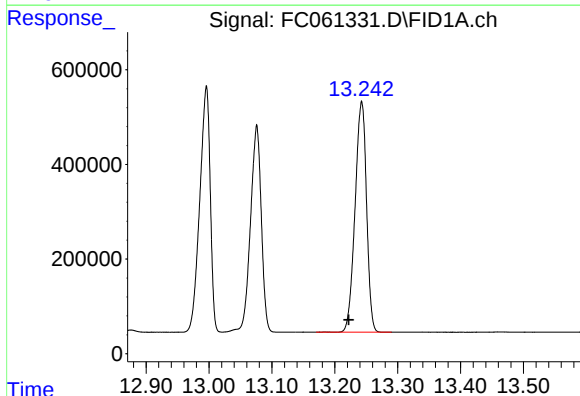
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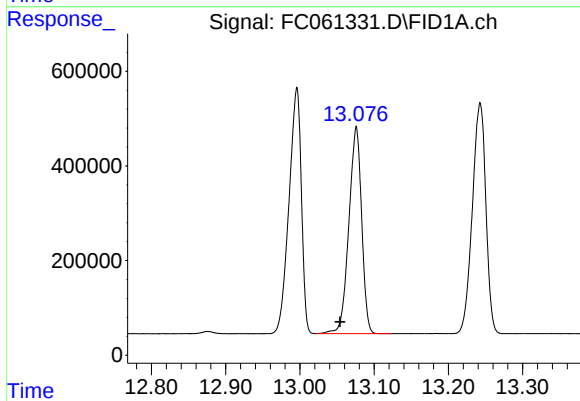
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.022 min
Response: 6205360
Conc: 39.92 ug/ml



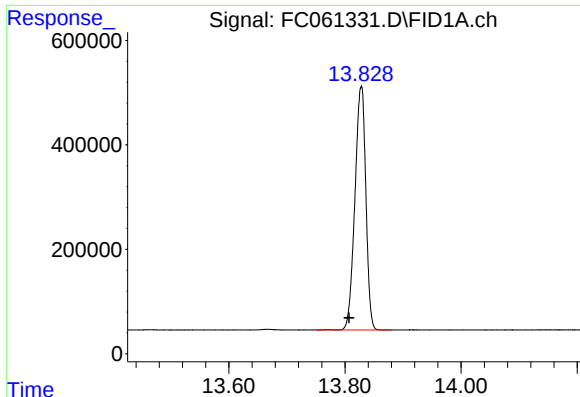
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: 0.021 min
Response: 6173128
Conc: 39.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min
Delta R.T.: 0.022 min
Response: 5232243
Conc: 37.36 ug/ml



#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: 0.021 min
Response: 6101651
Conc: 39.32 ug/ml

Instrument :

FID_C

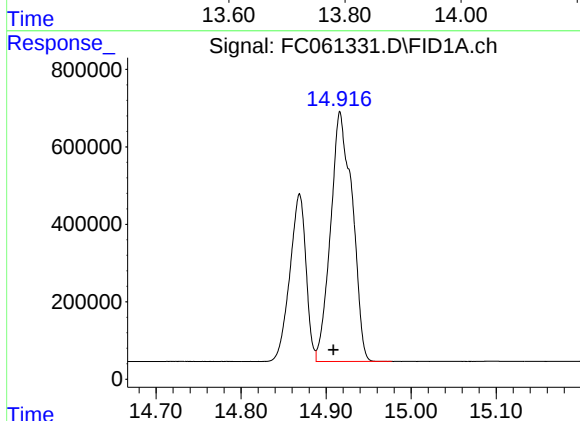
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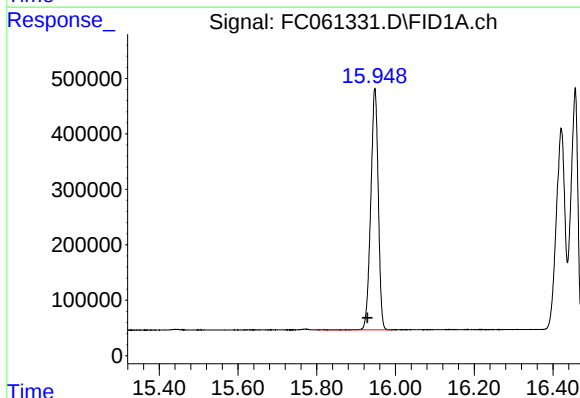
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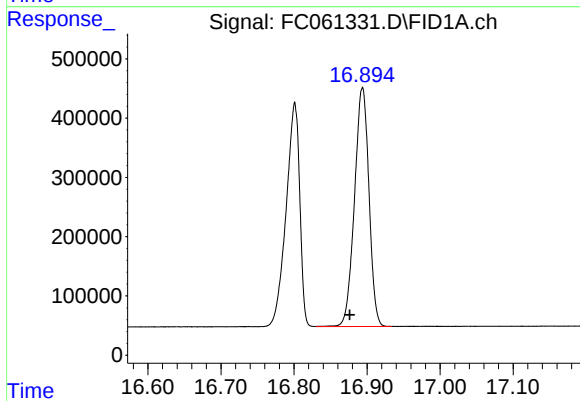
#14 n-Tetracosane (C24)

R.T.: 14.917 min
Delta R.T.: 0.008 min
Response: 11433605
Conc: 73.91 ug/ml



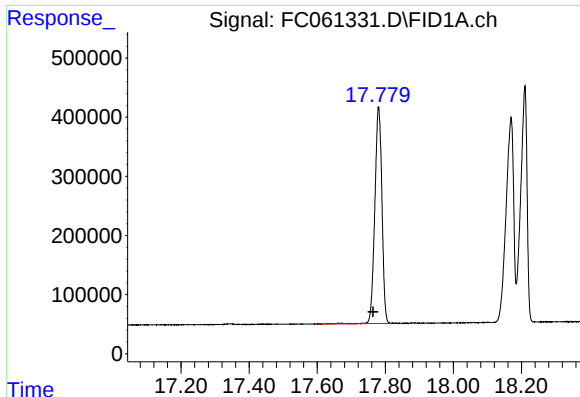
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: 0.019 min
Response: 5745244
Conc: 38.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.894 min
Delta R.T.: 0.017 min
Response: 5545900
Conc: 37.55 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.780 min
Delta R.T.: 0.016 min
Response: 5285199
Conc: 38.27 ug/ml

Instrument :

FID_C

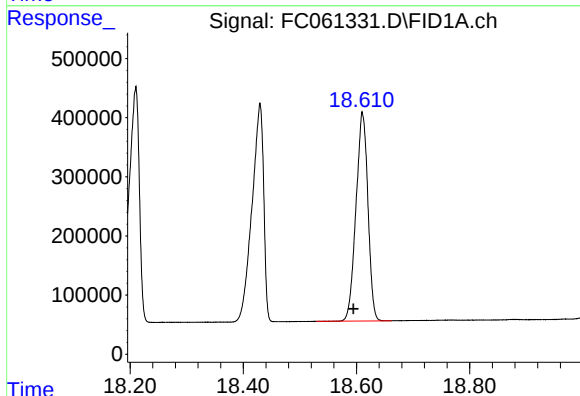
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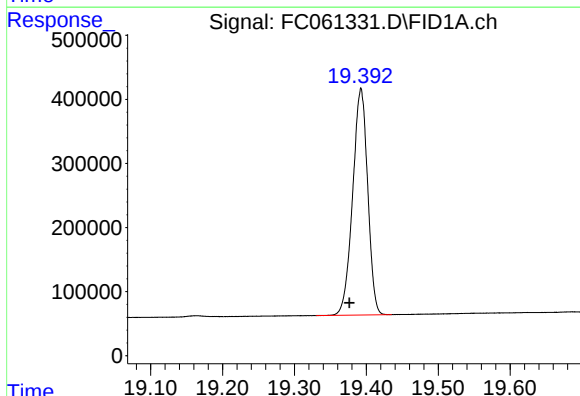
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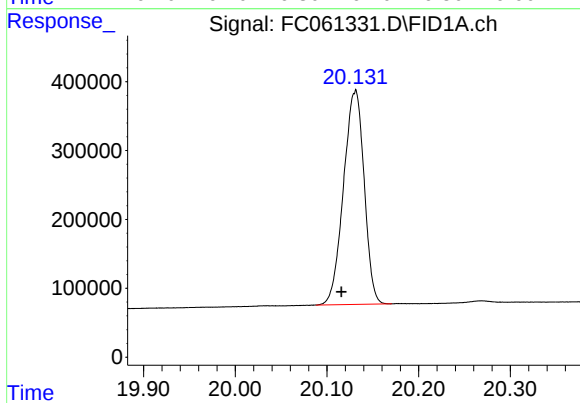
#18 n-Dotriacontane (C32)

R.T.: 18.611 min
Delta R.T.: 0.016 min
Response: 5162482
Conc: 47.03 ug/ml



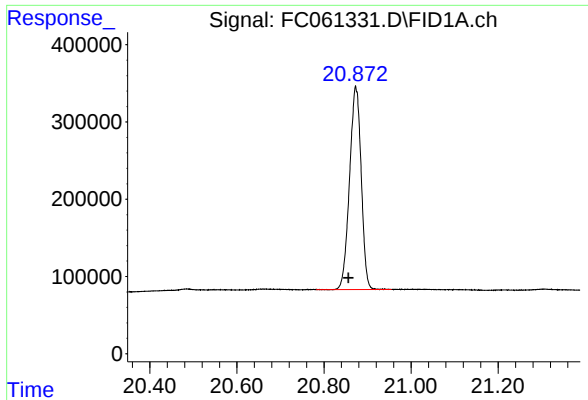
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: 0.016 min
Response: 5125483
Conc: 66.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.131 min
Delta R.T.: 0.016 min
Response: 4856323
Conc: 86.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.873 min
Delta R.T.: 0.017 min
Response: 4873509
Conc: 105.05 ug/ml

Instrument :

FID_C

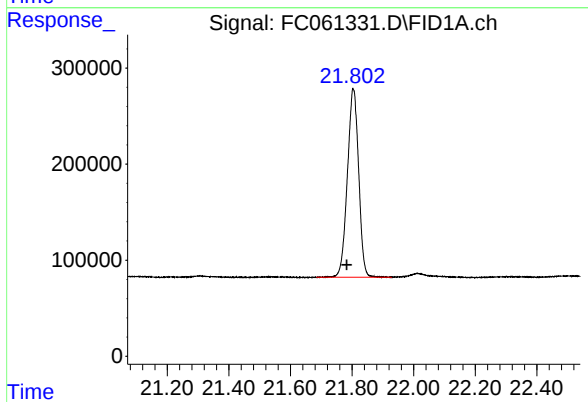
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#22 n-Tetracontane (C40)

R.T.: 21.804 min
Delta R.T.: 0.021 min
Response: 4993821
Conc: 119.06 ug/ml