

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061783.D
 Signal(s) : FID1A.ch
 Acq On : 13 Oct 2022 14:15
 Operator : YP/AJ
 Sample : N5083-15MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MOUNT-LAUREL-7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 14 04:50:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.589	6132398	35.884 ug/ml
Spiked Amount 50.000		Recovery =	71.77%
12) S 1-chlorooctadecane (S...	13.025	5191560	38.003 ug/ml
Spiked Amount 50.000		Recovery =	76.01%
Target Compounds			
1) T n-Nonane (C9)	3.344	3442974	23.066 ug/ml
2) T n-Decane (C10)	4.412	3986241	26.427 ug/ml
3) T A~Naphthalene (C11.7)	5.997	4657045	28.082 ug/ml
4) T n-Dodecane (C12)	6.429	4486858	29.507 ug/ml
5) T A~2-methylnaphthalene...	7.054	4748904	28.870 ug/ml
6) T n-Tetradecane (C14)	8.228	4934260	32.364 ug/ml
7) T n-Hexadecane (C16)	9.829	5624249	36.373 ug/ml
8) T n-Octadecane (C18)	11.272	6077892	38.554 ug/ml
10) T n-Eicosane (C20)	12.580	5971044	37.470 ug/ml
11) T n-Heneicosane (C21)	13.192	5909918	36.836 ug/ml
13) T n-Docosane (C22)	13.778	5822658	36.242 ug/ml
14) T n-Tetracosane (C24)	14.881	4046963	25.263 ug/mlm
15) T n-Hexacosane (C26)	15.904	5416351	34.167 ug/ml
16) T n-Octacosane (C28)	16.853	5154347	33.255 ug/ml
17) T n-Tricontane (C30)	17.741	4905173	31.874 ug/ml
18) T n-Dotriacontane (C32)	18.571	4789940	31.679 ug/ml
19) T n-Tetratriacontane (C34)	19.356	4679313	33.002 ug/ml
20) T n-Hexatriacontane (C36)	20.096	4567228	33.082 ug/ml
21) T n-Octatriacontane (C38)	20.832	4435861	34.252 ug/ml
22) T n-Tetracontane (C40)	21.749	4432303	36.269 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 18 Sample Multiplier: 1

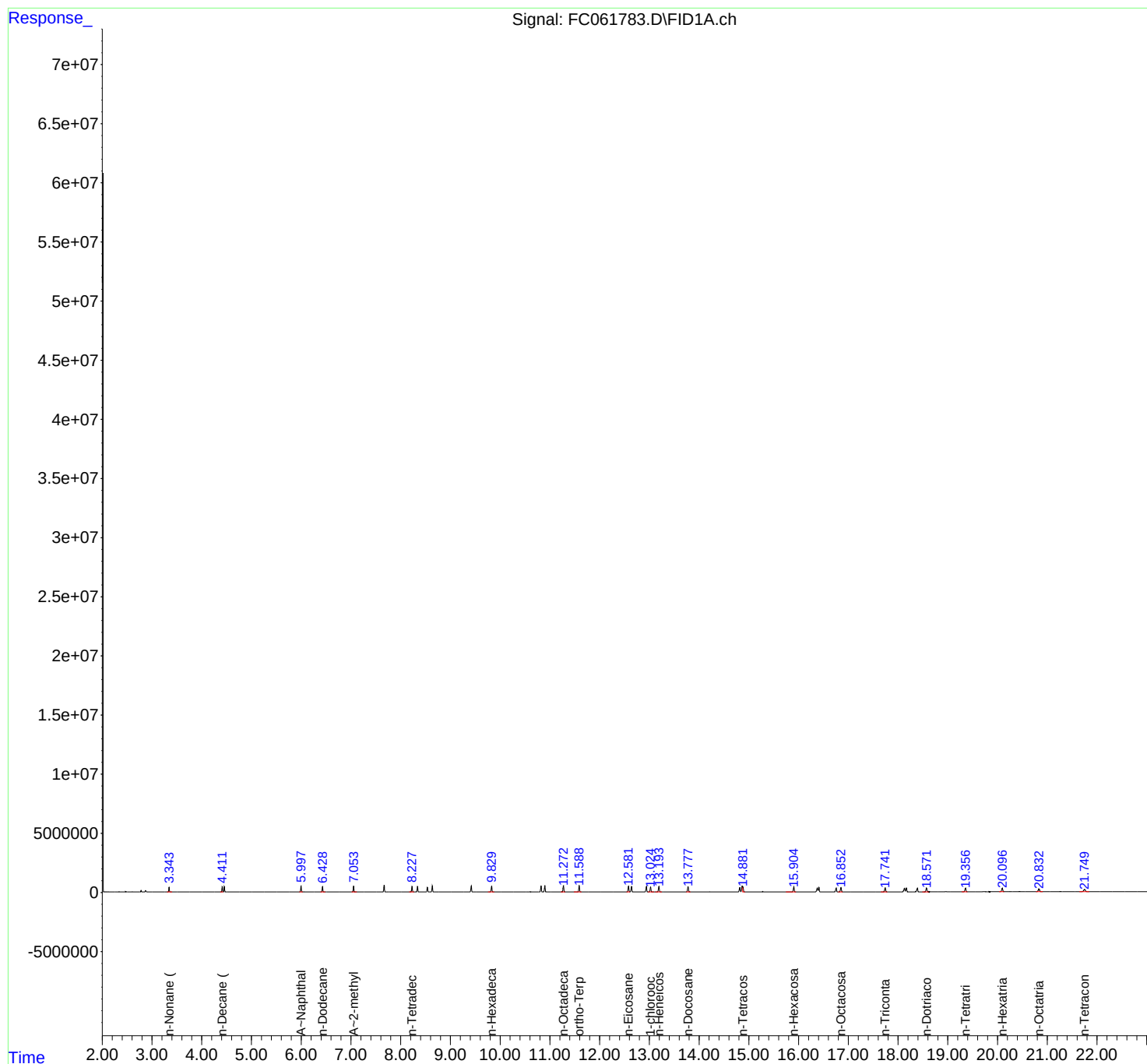
Instrument :
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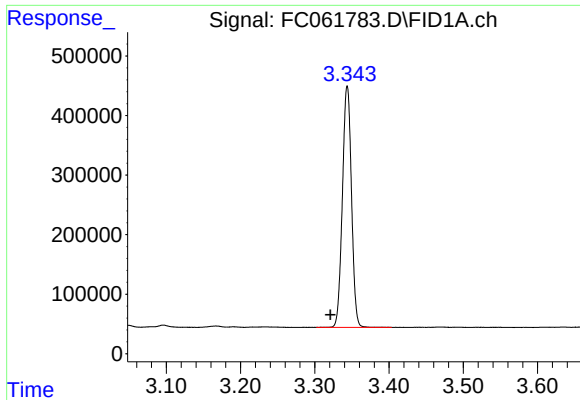
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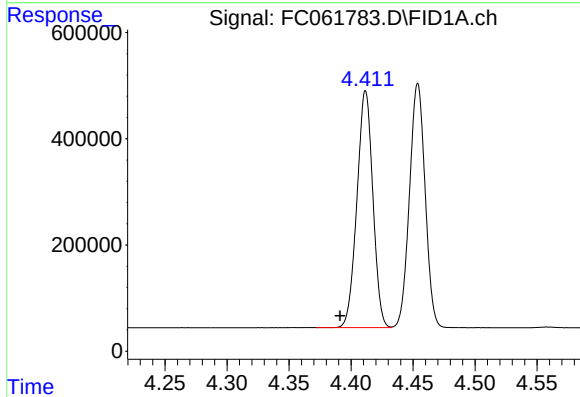
#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: 0.023 min
Response: 3442974
Conc: 23.07 ug/ml

Instrument :
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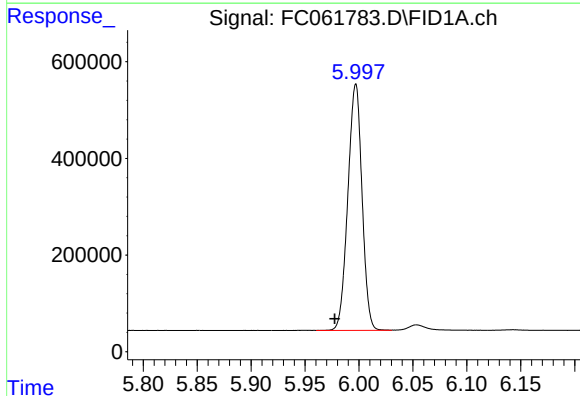
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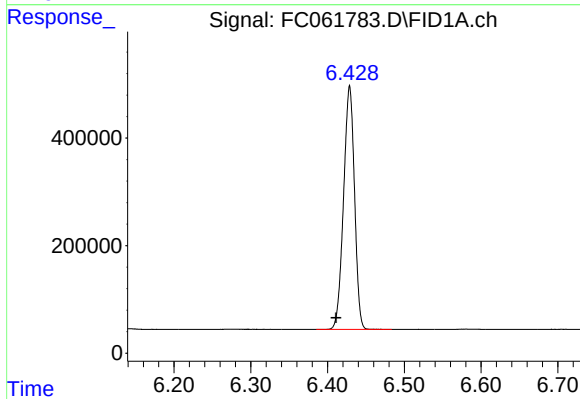
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: 0.020 min
Response: 3986241
Conc: 26.43 ug/ml



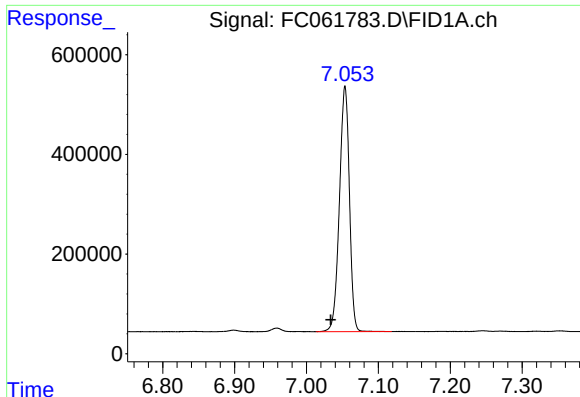
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: 0.019 min
Response: 4657045
Conc: 28.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: 0.018 min
Response: 4486858
Conc: 29.51 ug/ml



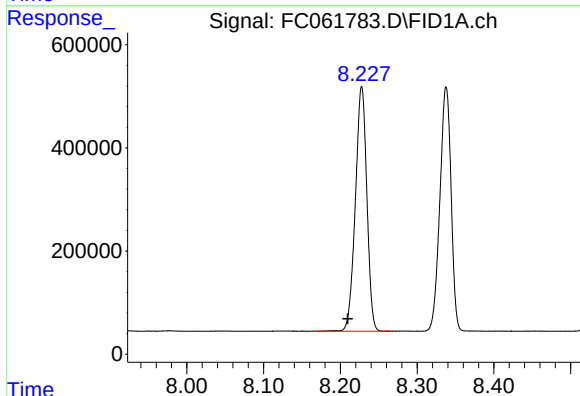
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.020 min
Response: 4748904
Conc: 28.87 ug/ml

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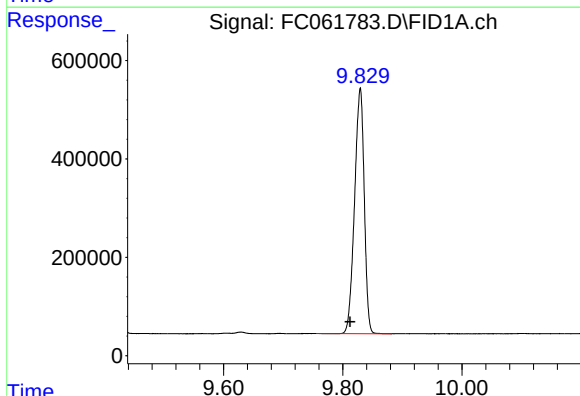
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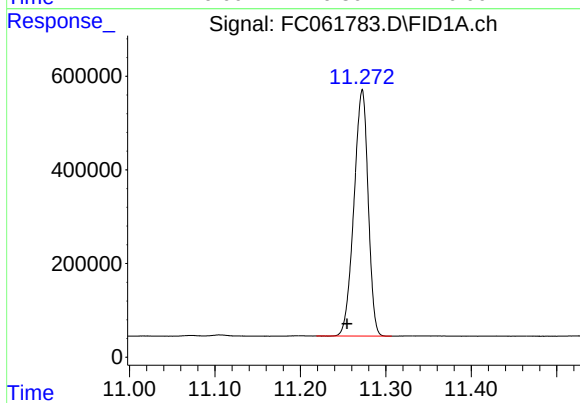
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.018 min
Response: 4934260
Conc: 32.36 ug/ml



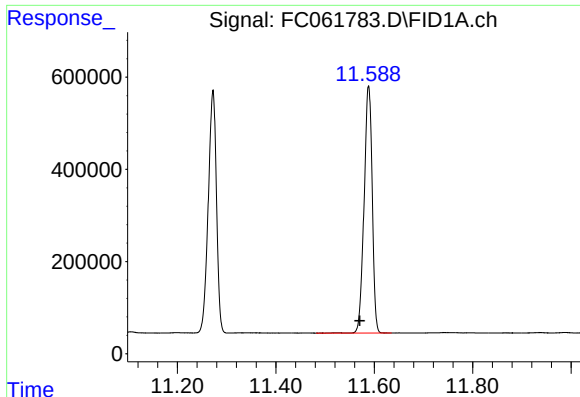
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.017 min
Response: 5624249
Conc: 36.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.272 min
Delta R.T.: 0.017 min
Response: 6077892
Conc: 38.55 ug/ml



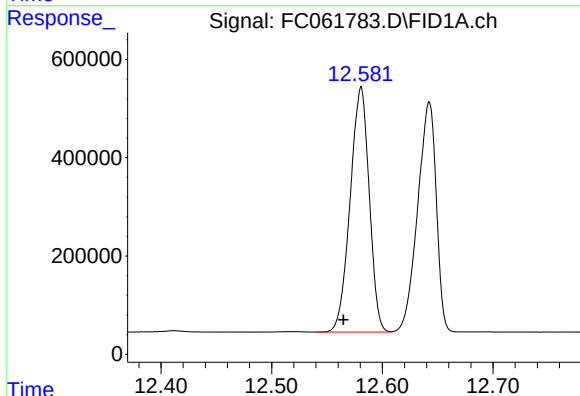
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: 0.018 min
Response: 6132398
Conc: 35.88 ug/ml

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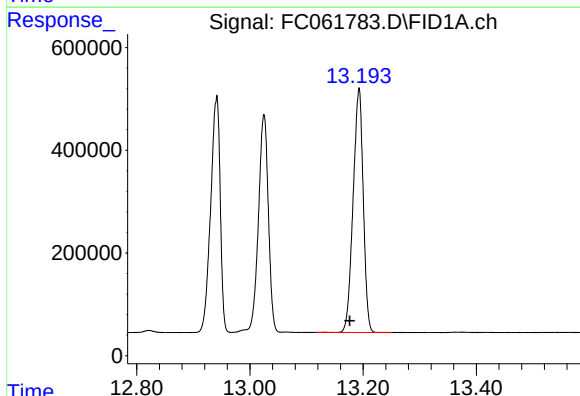
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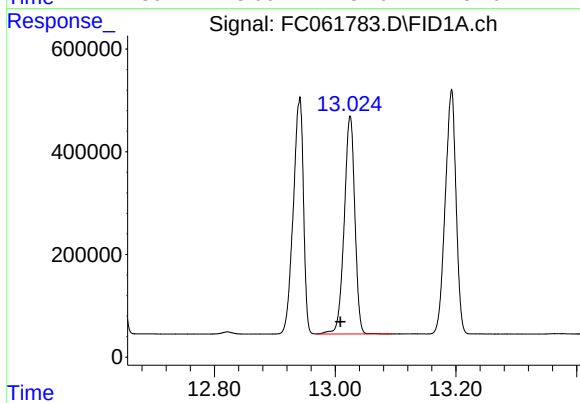
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.016 min
Response: 5971044
Conc: 37.47 ug/ml



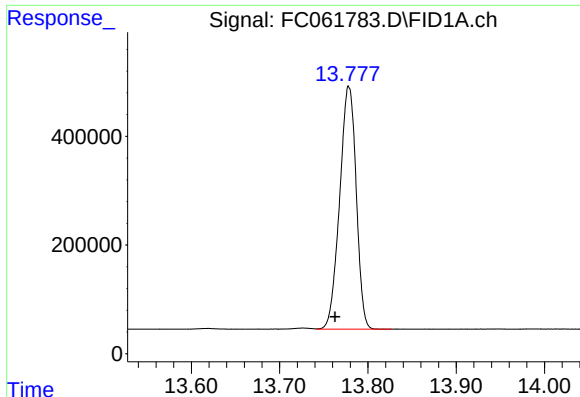
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: 0.016 min
Response: 5909918
Conc: 36.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: 0.016 min
Response: 5191560
Conc: 38.00 ug/ml



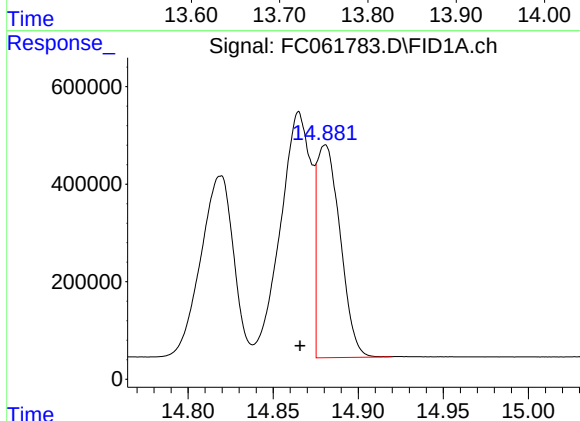
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: 0.015 min
Response: 5822658
Conc: 36.24 ug/ml

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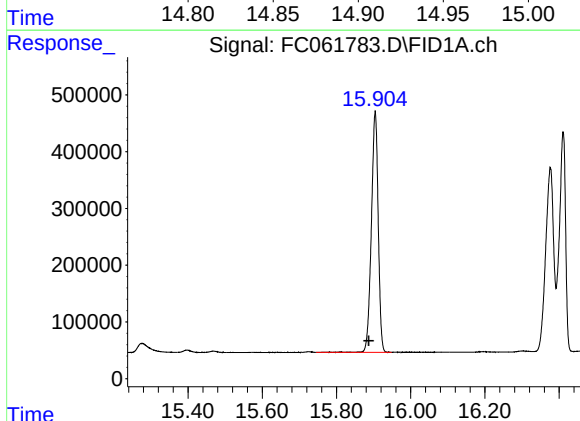
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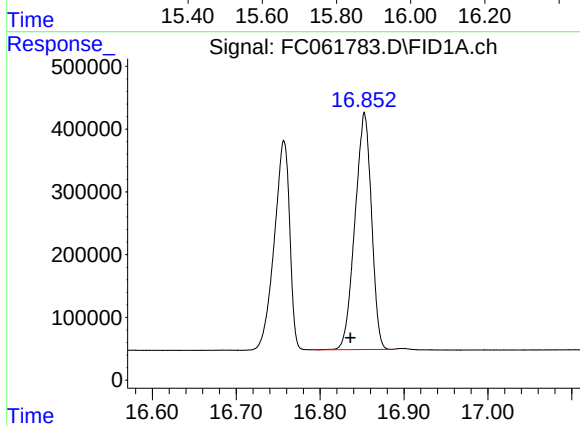
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: 0.015 min
Response: 4046963
Conc: 25.26 ug/ml m



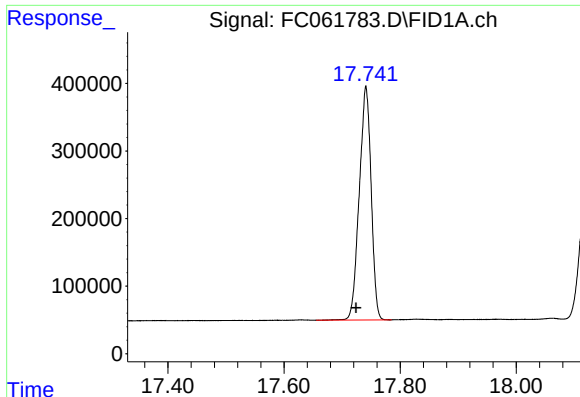
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.018 min
Response: 5416351
Conc: 34.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: 0.017 min
Response: 5154347
Conc: 33.25 ug/ml



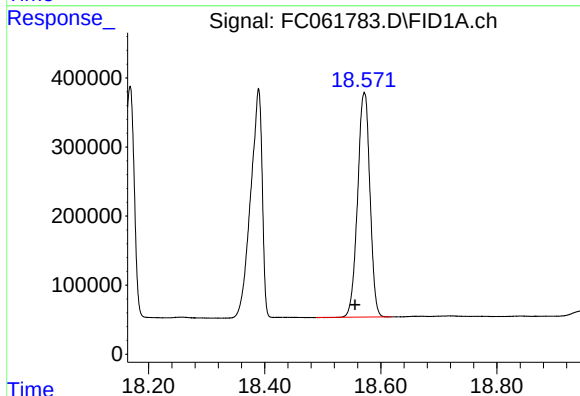
#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: 0.017 min
Response: 4905173
Conc: 31.87 ug/ml

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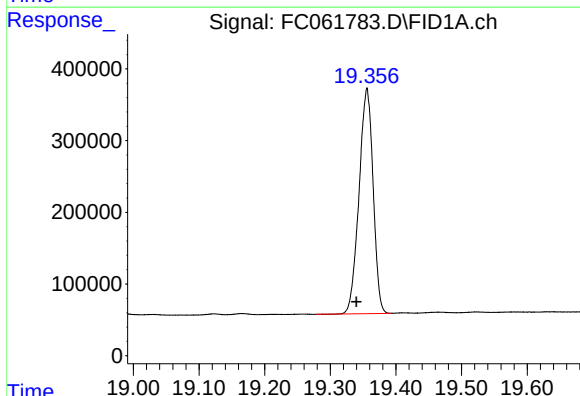
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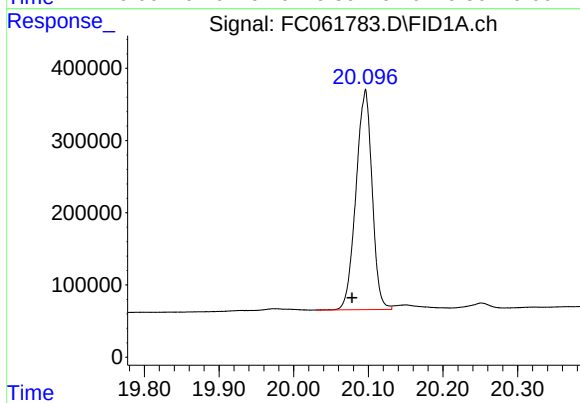
#18 n-Dotriacontane (C32)

R.T.: 18.571 min
Delta R.T.: 0.016 min
Response: 4789940
Conc: 31.68 ug/ml



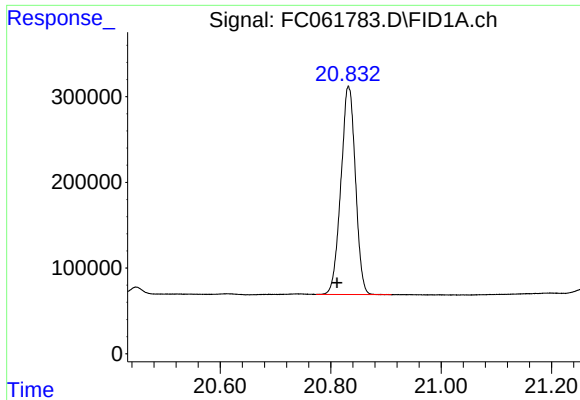
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min
Delta R.T.: 0.016 min
Response: 4679313
Conc: 33.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.096 min
Delta R.T.: 0.017 min
Response: 4567228
Conc: 33.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: 0.021 min
Response: 4435861
Conc: 34.25 ug/ml

Instrument :

FID_C

ClientSampleId :

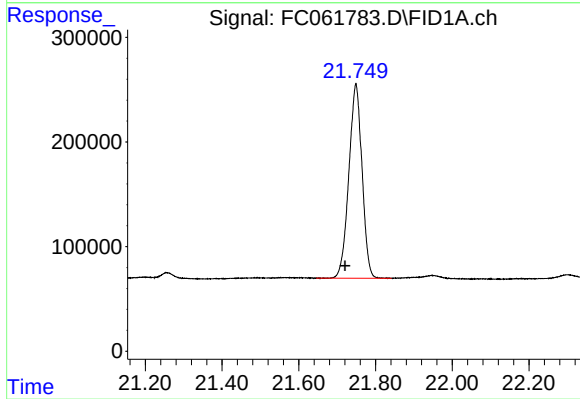
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#22 n-Tetracontane (C40)

R.T.: 21.749 min
Delta R.T.: 0.028 min
Response: 4432303
Conc: 36.27 ug/ml