

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063314.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 00:21
 Operator : YP/AJ
 Sample : 02139-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTE MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 06:36:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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			
12) S 1-chlorooctadecane (S...	12.993	6374485	57.611 ug/mlm
Spiked Amount 50.000		Recovery =	115.22%
Target Compounds			
1) T n-Nonane (C9)	3.302	12547860	89.374 ug/ml
2) T n-Decane (C10)	4.380	37194087	272.941 ug/ml
4) T n-Dodecane (C12)	6.426	93999424	698.742 ug/mlm
6) T n-Tetradecane (C14)	8.237f	118760591	877.268 ug/mlm
7) T n-Hexadecane (C16)	9.842f	113669760	837.060 ug/mlm
8) T n-Octadecane (C18)	11.277f	79020718	570.493 ug/mlm
10) T n-Eicosane (C20)	12.574f	53734035	399.954 ug/mlm
11) T n-Heneicosane (C21)	13.176	38464108	285.792 ug/mlm
13) T n-Docosane (C22)	13.753	28920985	216.873 ug/mlm
14) T n-Tetracosane (C24)	14.836	13869125	103.151 ug/mlm
15) T n-Hexacosane (C26)	15.845	6902274	51.566 ug/ml
16) T n-Octacosane (C28)	16.788	5052781	37.317 ug/ml
17) T n-Tricontane (C30)	17.672	4761067	34.417 ug/ml
18) T n-Dotriacontane (C32)	18.502	4707709	33.346 ug/ml
19) T n-Tetratriacontane (C34)	19.282	4627195	33.530 ug/ml
20) T n-Hexatriacontane (C36)	20.020	4389030	34.338 ug/ml
21) T n-Octatriacontane (C38)	20.745	4181177	33.957 ug/ml
22) T n-Tetracontane (C40)	21.637	3649803	31.015 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 14 Sample Multiplier: 1

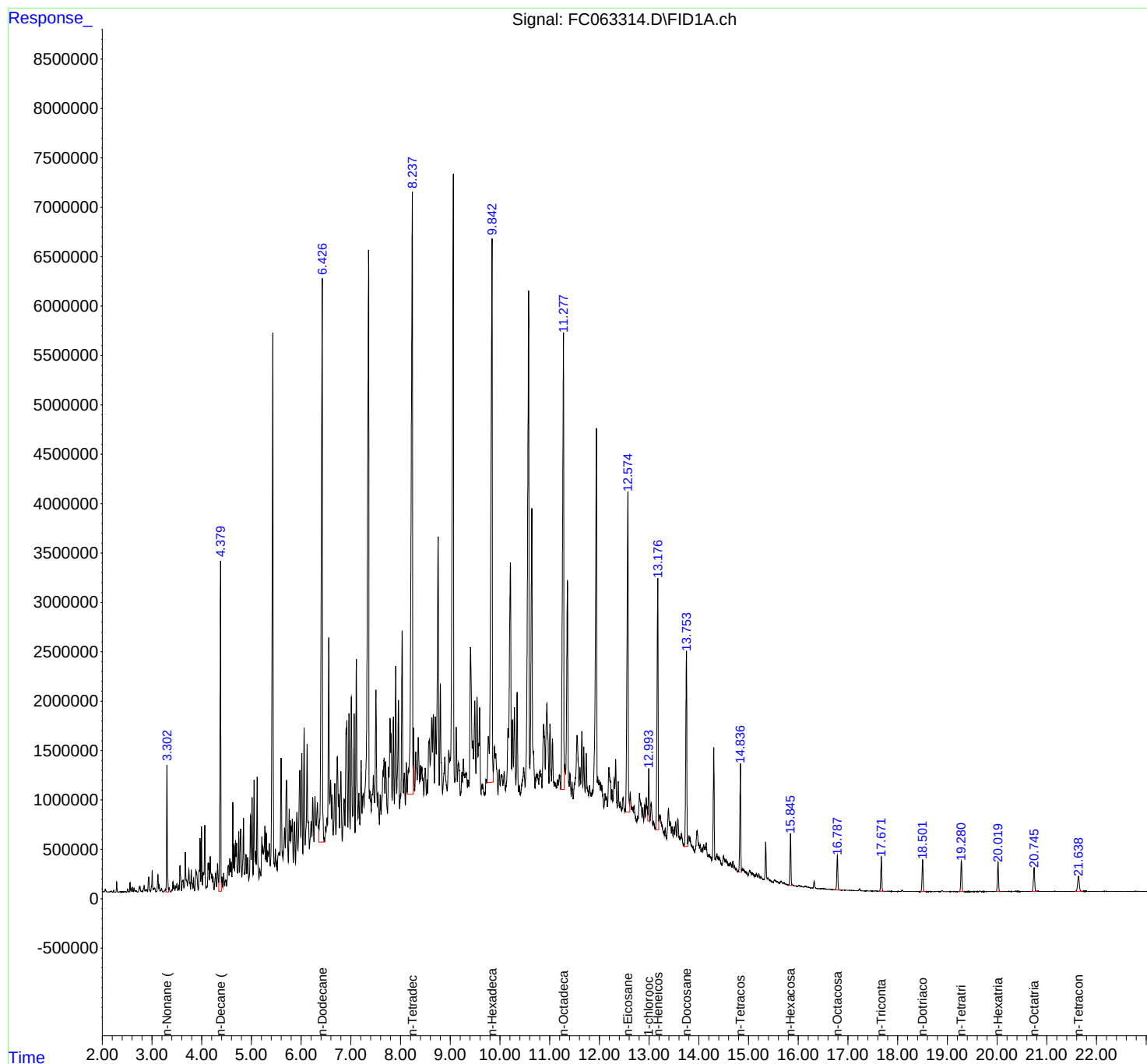
Instrument :
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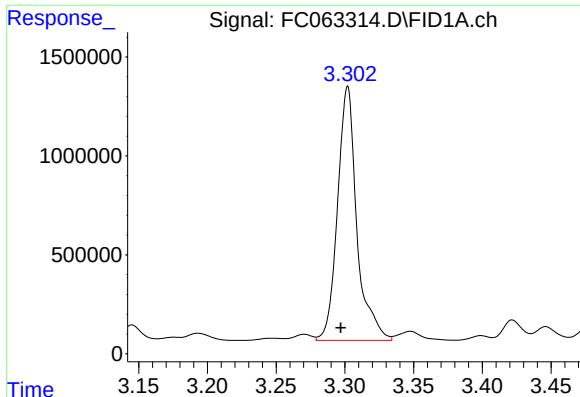
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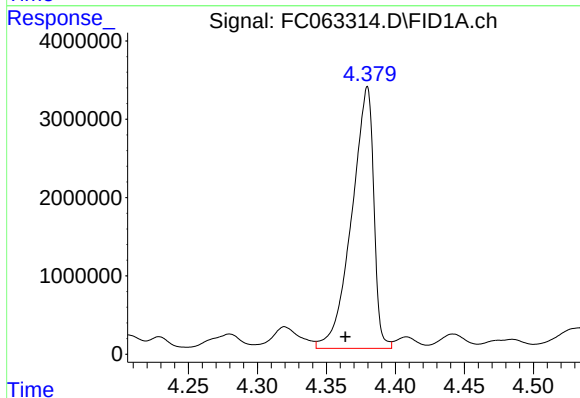
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.005 min
Response: 12547860
Conc: 89.37 ug/ml

Instrument :
FID_C
ClientSampleId :
WASTE MS

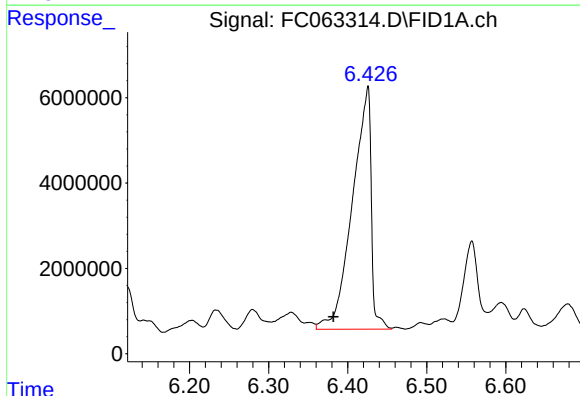
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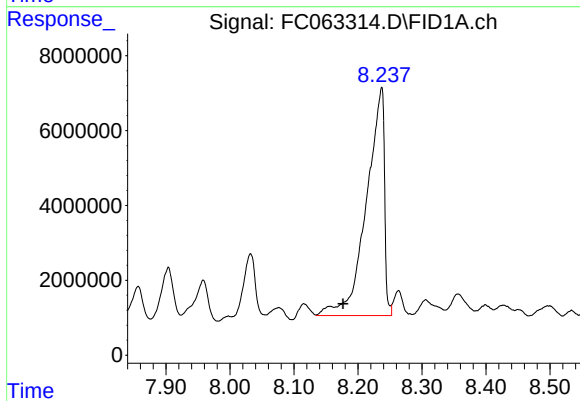
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.016 min
Response: 37194087
Conc: 272.94 ug/ml



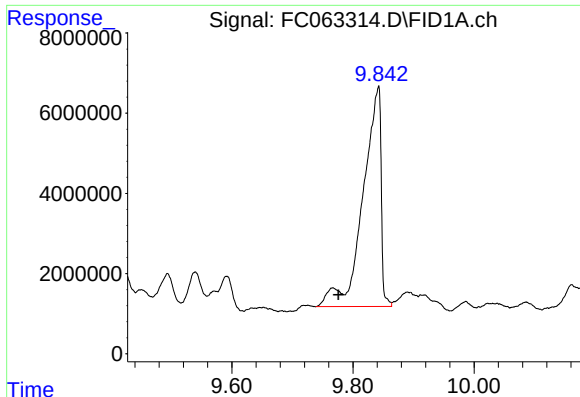
#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: 0.043 min
Response: 93999424
Conc: 698.74 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: 0.060 min
Response: 118760591
Conc: 877.27 ug/ml m



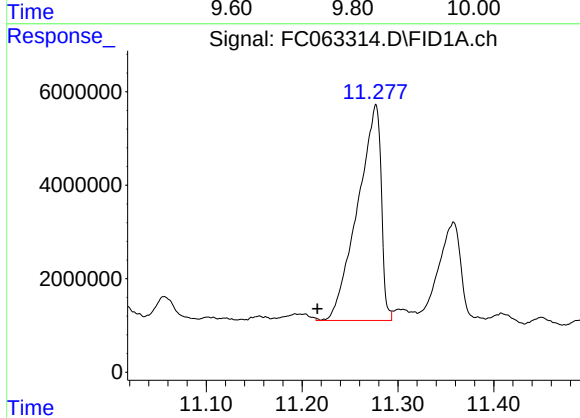
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: 0.066 min
Response: 113669760
Conc: 837.06 ug/ml

Instrument :
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WASTE MS

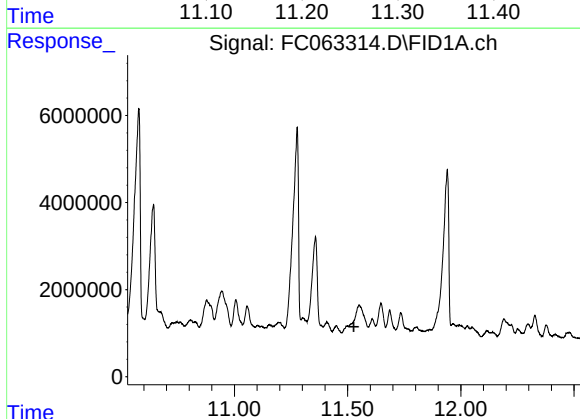
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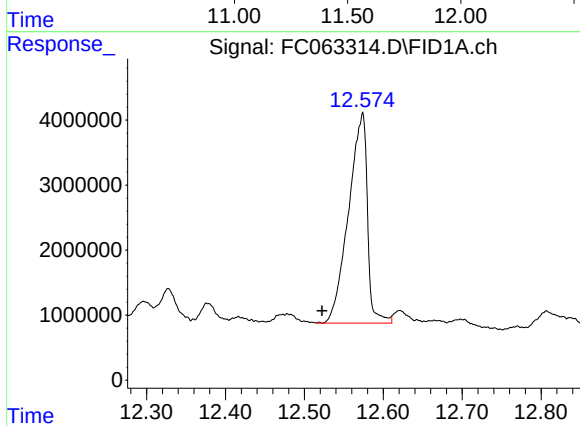
#8 n-Octadecane (C18)

R.T.: 11.277 min
Delta R.T.: 0.061 min
Response: 79020718
Conc: 570.49 ug/ml m



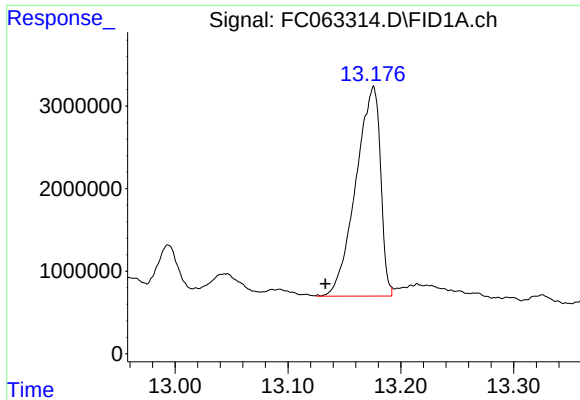
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.528 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.051 min
Response: 53734035
Conc: 399.95 ug/ml m



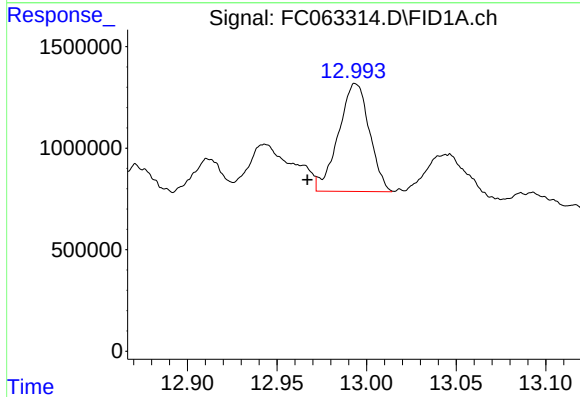
#11 n-Heneicosane (C21)

R.T.: 13.176 min
Delta R.T.: 0.042 min
Response: 38464108
Conc: 285.79 ug/ml

Instrument :
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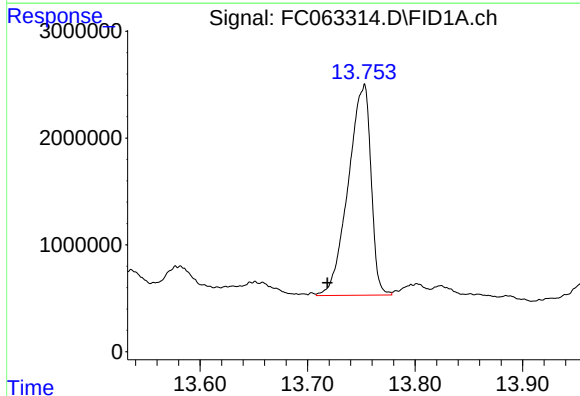
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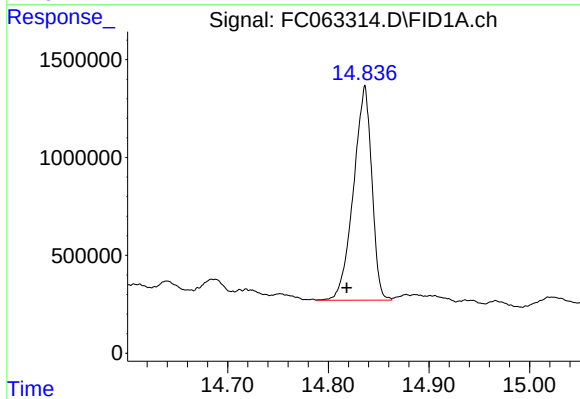
#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: 0.026 min
Response: 6374485
Conc: 57.61 ug/ml m



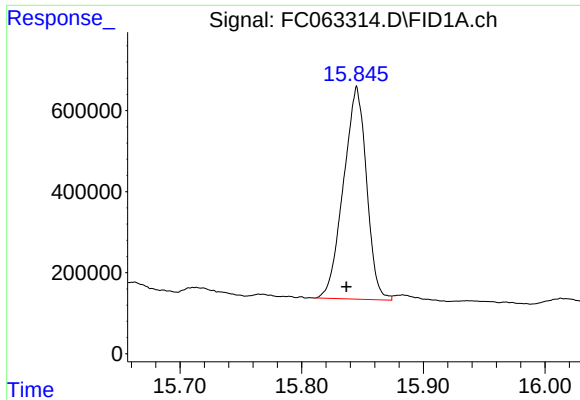
#13 n-Docosane (C22)

R.T.: 13.753 min
Delta R.T.: 0.034 min
Response: 28920985
Conc: 216.87 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: 0.018 min
Response: 13869125
Conc: 103.15 ug/ml m



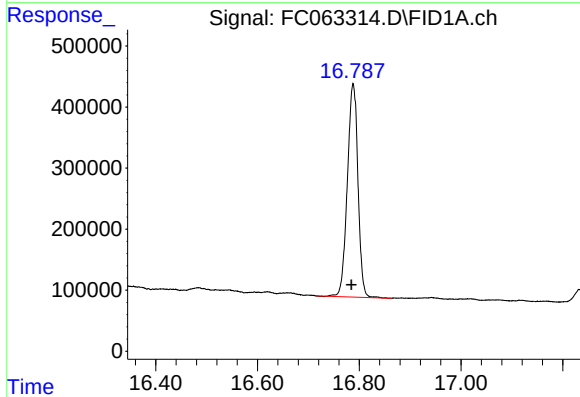
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.008 min
Response: 6902274
Conc: 51.57 ug/ml

Instrument :
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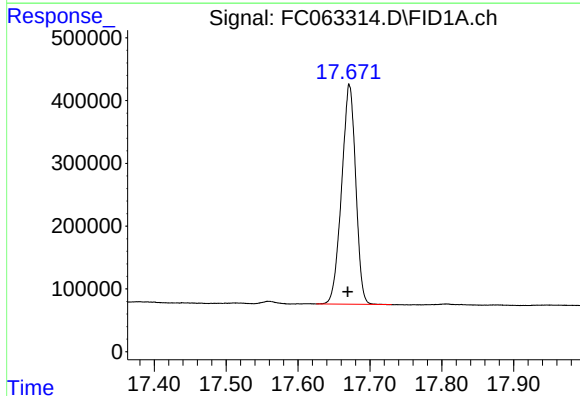
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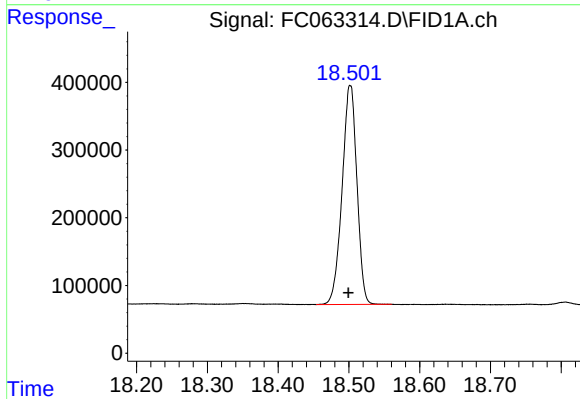
#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: 0.004 min
Response: 5052781
Conc: 37.32 ug/ml



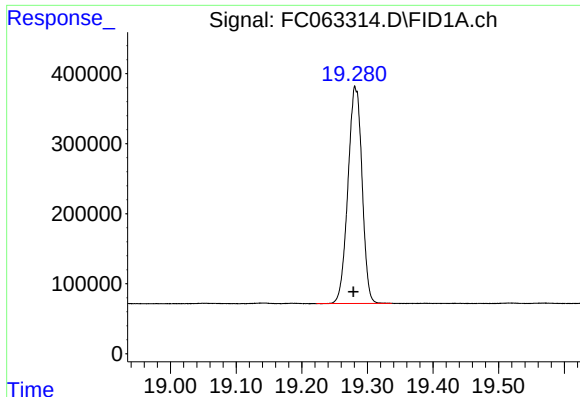
#17 n-Tricontane (C30)

R.T.: 17.672 min
Delta R.T.: 0.002 min
Response: 4761067
Conc: 34.42 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: 0.003 min
Response: 4707709
Conc: 33.35 ug/ml



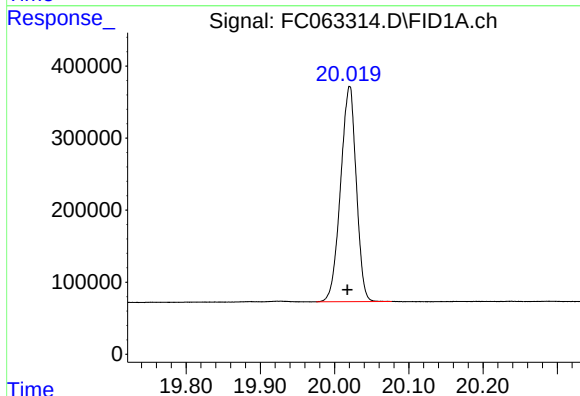
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.003 min
Response: 4627195
Conc: 33.53 ug/ml

Instrument :
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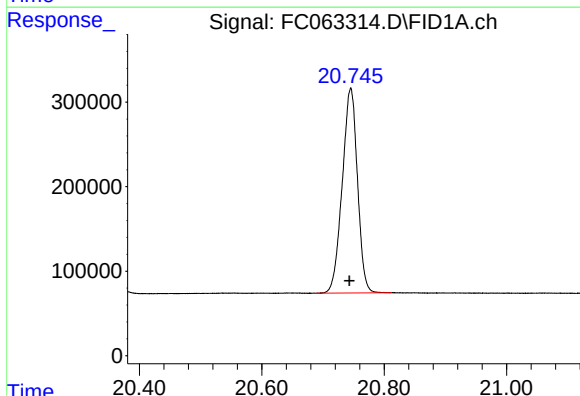
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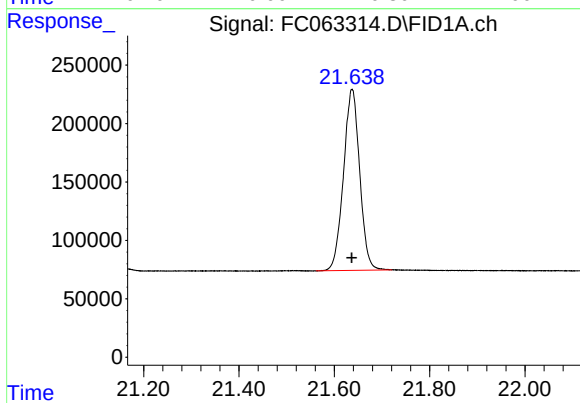
#20 n-Hexatriacontane (C36)

R.T.: 20.020 min
Delta R.T.: 0.003 min
Response: 4389030
Conc: 34.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: 0.002 min
Response: 4181177
Conc: 33.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: 0.000 min
Response: 3649803
Conc: 31.01 ug/ml