

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063320.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 05:16
 Operator : YP/AJ
 Sample : 02213-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

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 07:06:42 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...	12.966	4483894	40.525 ug/ml
Spiked Amount 50.000		Recovery =	81.05%
Target Compounds			
1) T n-Nonane (C9)	3.300	234865	1.673 ug/ml
2) T n-Decane (C10)	4.365	272128	1.997 ug/ml
4) T n-Dodecane (C12)	6.382	314136	2.335 ug/ml
6) T n-Tetradecane (C14)	8.175	292568	2.161 ug/ml
7) T n-Hexadecane (C16)	9.776	349148	2.571 ug/ml
8) T n-Octadecane (C18)	11.213	424207	3.063 ug/ml
10) T n-Eicosane (C20)	12.521	423348	3.151 ug/ml
11) T n-Heneicosane (C21)	13.134	391279	2.907 ug/ml
13) T n-Docosane (C22)	13.719	402801	3.021 ug/ml
14) T n-Tetracosane (C24)	14.818	402781	2.996 ug/ml
15) T n-Hexacosane (C26)	15.838	400583	2.993 ug/ml
16) T n-Octacosane (C28)	16.784	409771	3.026 ug/ml
17) T n-Tricontane (C30)	17.668	431310	3.118 ug/ml
18) T n-Dotriacontane (C32)	18.500	461127	3.266 ug/ml
19) T n-Tetratriacontane (C34)	19.279	446486	3.235 ug/ml
20) T n-Hexatriacontane (C36)	20.018	388103	3.036 ug/ml
21) T n-Octatriacontane (C38)	20.744	331873	2.695 ug/ml
22) T n-Tetracontane (C40)	21.638	274585	2.333 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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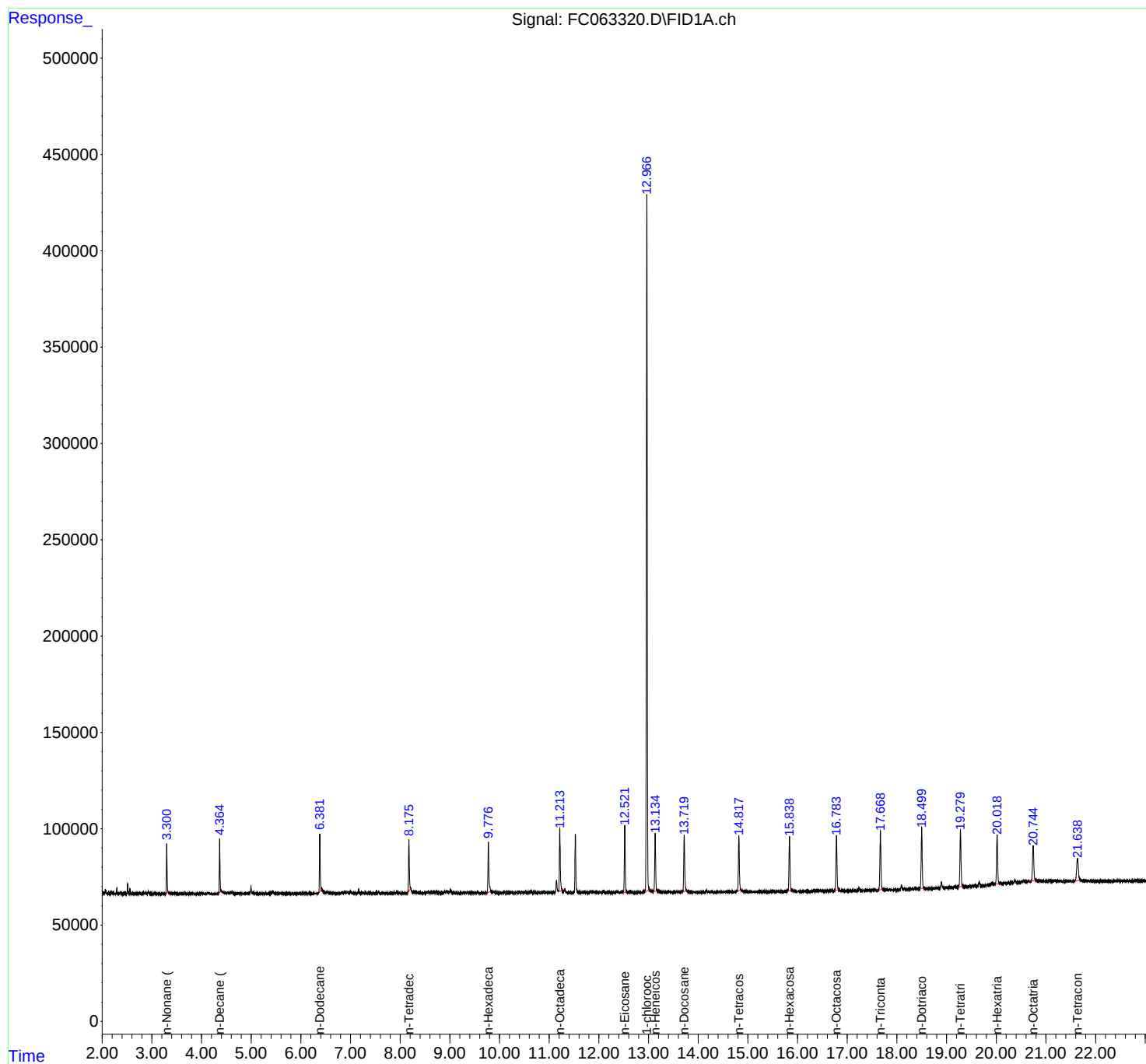
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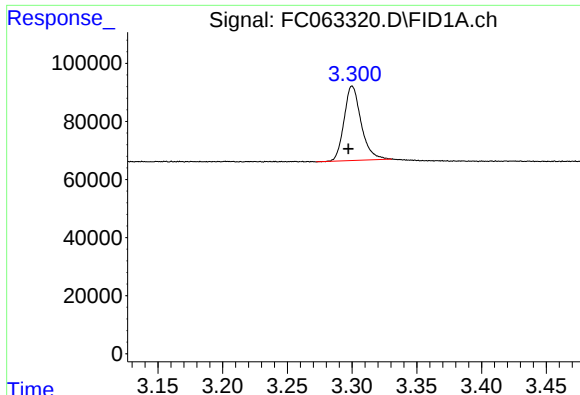
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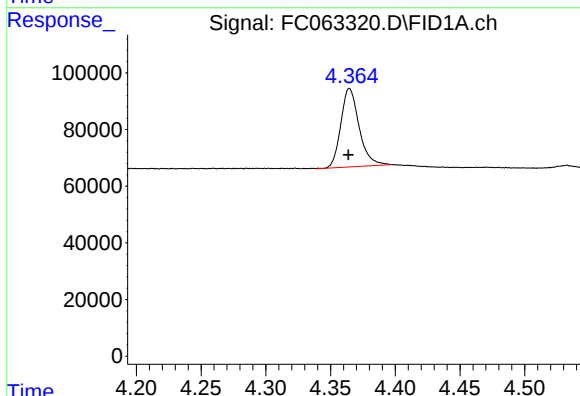
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 234865
Conc: 1.67 ug/ml

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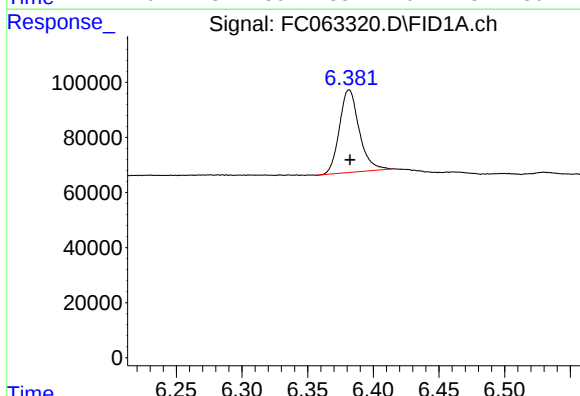
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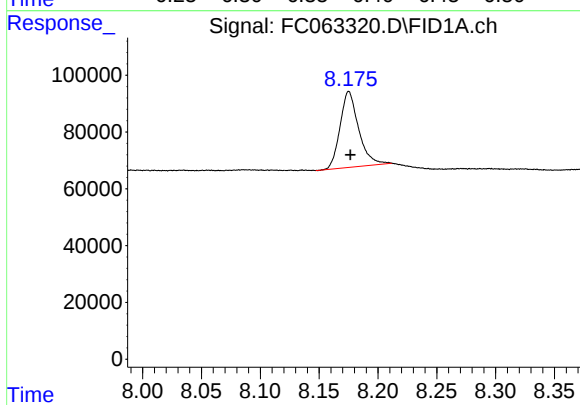
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 272128
Conc: 2.00 ug/ml



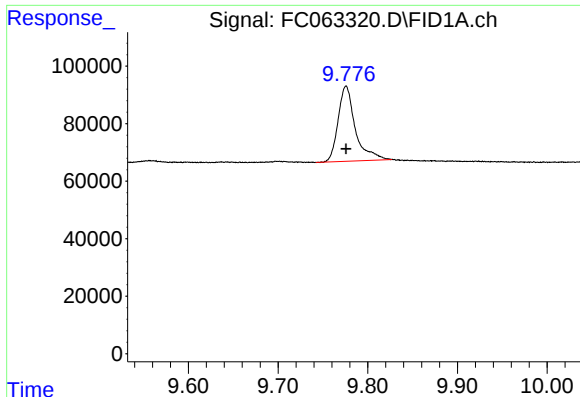
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 314136
Conc: 2.34 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.001 min
Response: 292568
Conc: 2.16 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 349148
Conc: 2.57 ug/ml

Instrument :

FID_C

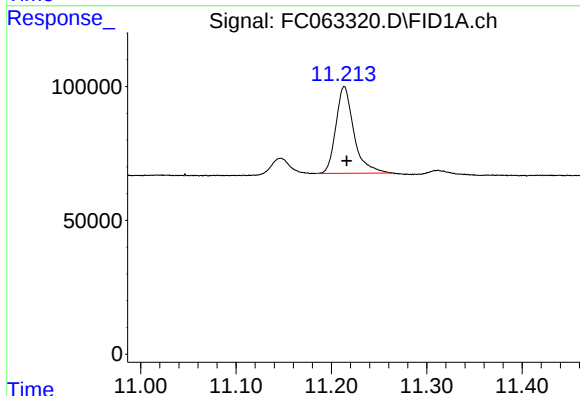
ClientSampleId :

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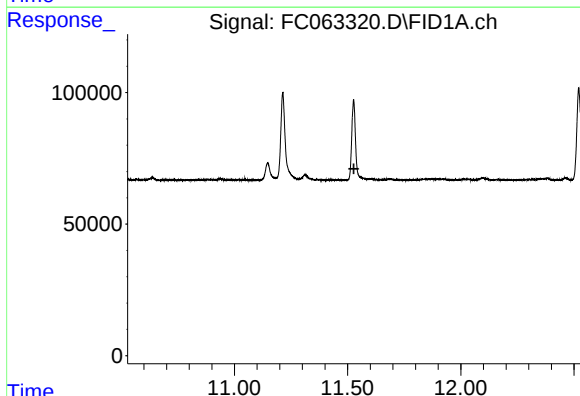
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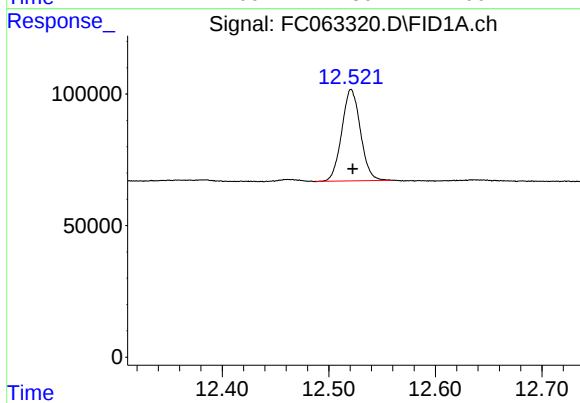
#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: -0.003 min
Response: 424207
Conc: 3.06 ug/ml



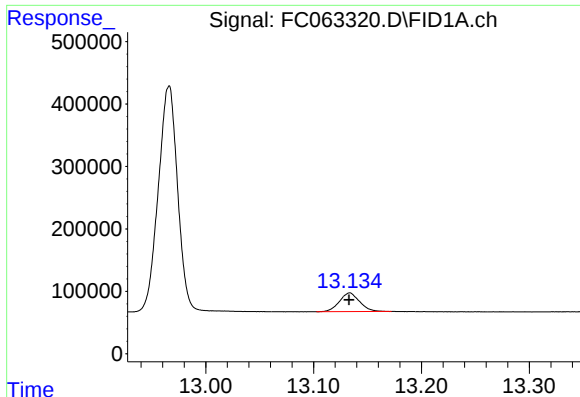
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.002 min
Response: 423348
Conc: 3.15 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 391279
Conc: 2.91 ug/ml

Instrument :

FID_C

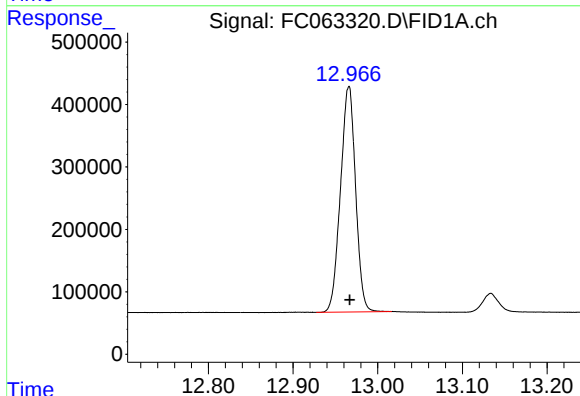
ClientSampleId :

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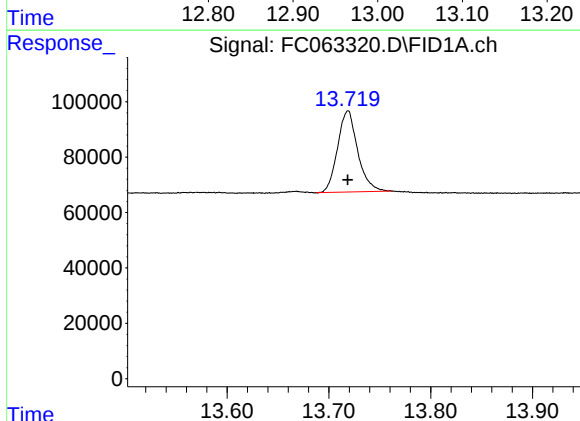
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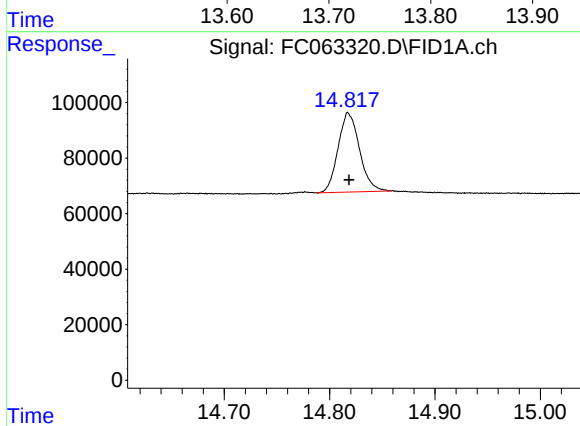
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.001 min
Response: 4483894
Conc: 40.52 ug/ml



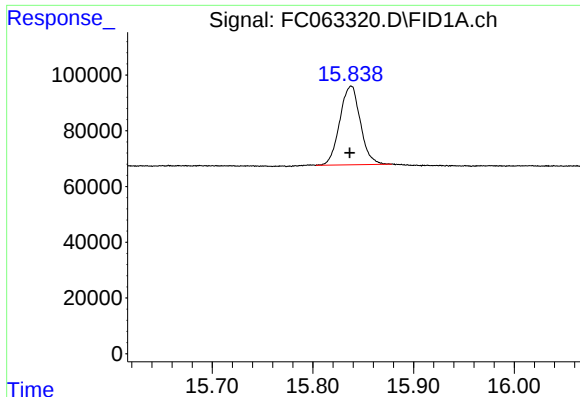
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 402801
Conc: 3.02 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 402781
Conc: 3.00 ug/ml



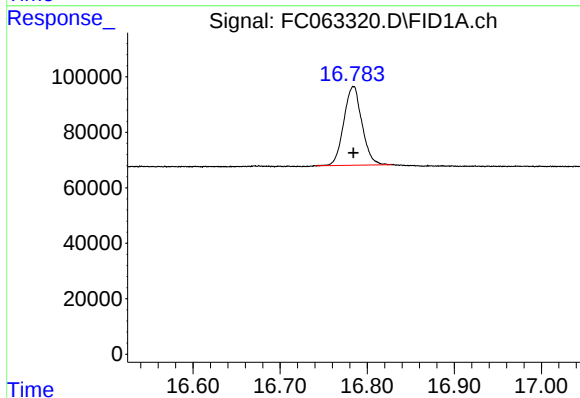
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.001 min
Response: 400583
Conc: 2.99 ug/ml

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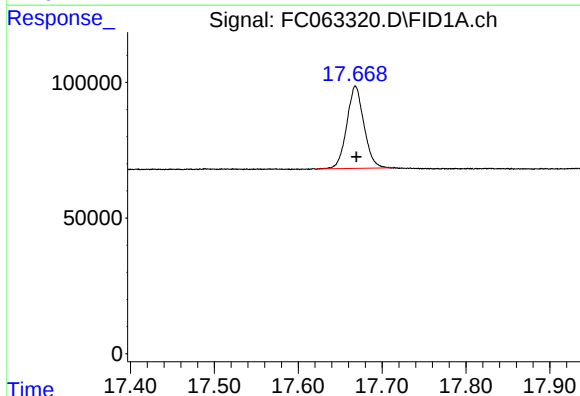
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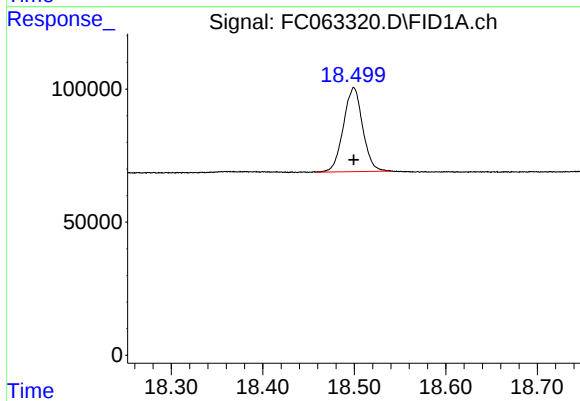
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: 0.000 min
Response: 409771
Conc: 3.03 ug/ml



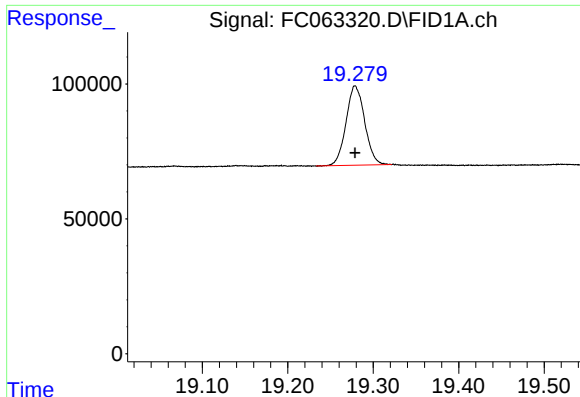
#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: 0.000 min
Response: 431310
Conc: 3.12 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 461127
Conc: 3.27 ug/ml



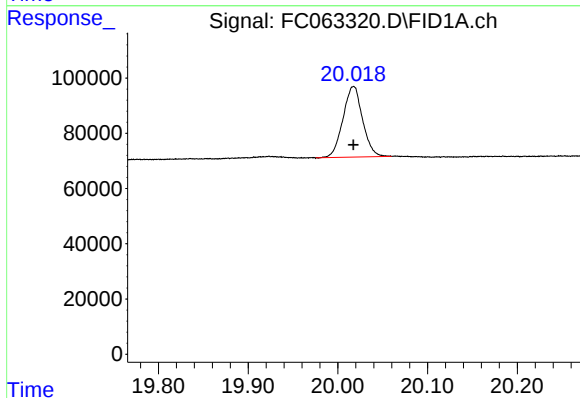
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 446486
Conc: 3.24 ug/ml

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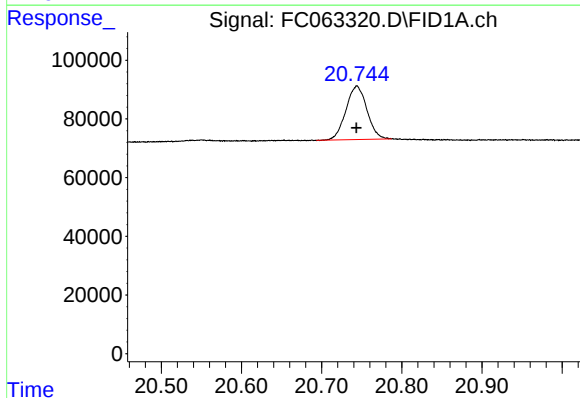
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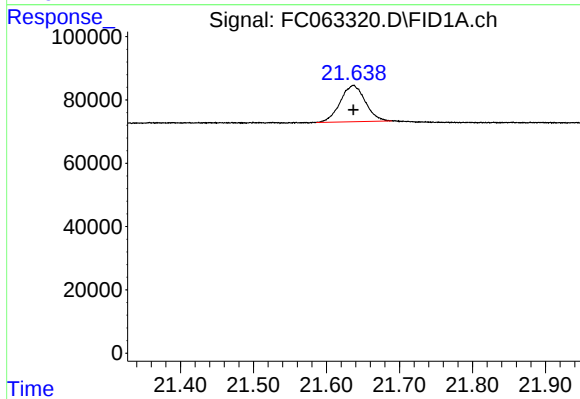
#20 n-Hexatriacontane (C36)

R.T.: 20.018 min
Delta R.T.: 0.000 min
Response: 388103
Conc: 3.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.000 min
Response: 331873
Conc: 2.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: 0.001 min
Response: 274585
Conc: 2.33 ug/ml m