

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063319.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 04:35
 Operator : YP/AJ
 Sample : 02213-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 17 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 07:09:49 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	4599336	41.568 ug/ml
Spiked Amount 50.000		Recovery =	83.14%
Target Compounds			
1) T n-Nonane (C9)	3.302	154002	1.097 ug/ml
2) T n-Decane (C10)	4.366	174866	1.283 ug/ml
4) T n-Dodecane (C12)	6.383	187175	1.391 ug/ml
6) T n-Tetradecane (C14)	8.176	201807	1.491 ug/ml
7) T n-Hexadecane (C16)	9.775	185806	1.368 ug/ml
8) T n-Octadecane (C18)	11.214	295936	2.137 ug/ml
10) T n-Eicosane (C20)	12.521	294625	2.193 ug/ml
11) T n-Heneicosane (C21)	13.133	252626	1.877 ug/ml
13) T n-Docosane (C22)	13.719	277018	2.077 ug/ml
14) T n-Tetracosane (C24)	14.818	273023	2.031 ug/ml
15) T n-Hexacosane (C26)	15.837	265463	1.983 ug/ml
16) T n-Octacosane (C28)	16.783	267636	1.977 ug/ml
17) T n-Tricontane (C30)	17.668	287158	2.076 ug/ml
18) T n-Dotriacontane (C32)	18.498	311642	2.207 ug/ml
19) T n-Tetratriacontane (C34)	19.279	300808	2.180 ug/ml
20) T n-Hexatriacontane (C36)	20.016	247624	1.937 ug/ml
21) T n-Octatriacontane (C38)	20.742	208838	1.696 ug/mlm
22) T n-Tetracontane (C40)	21.640	183260	1.557 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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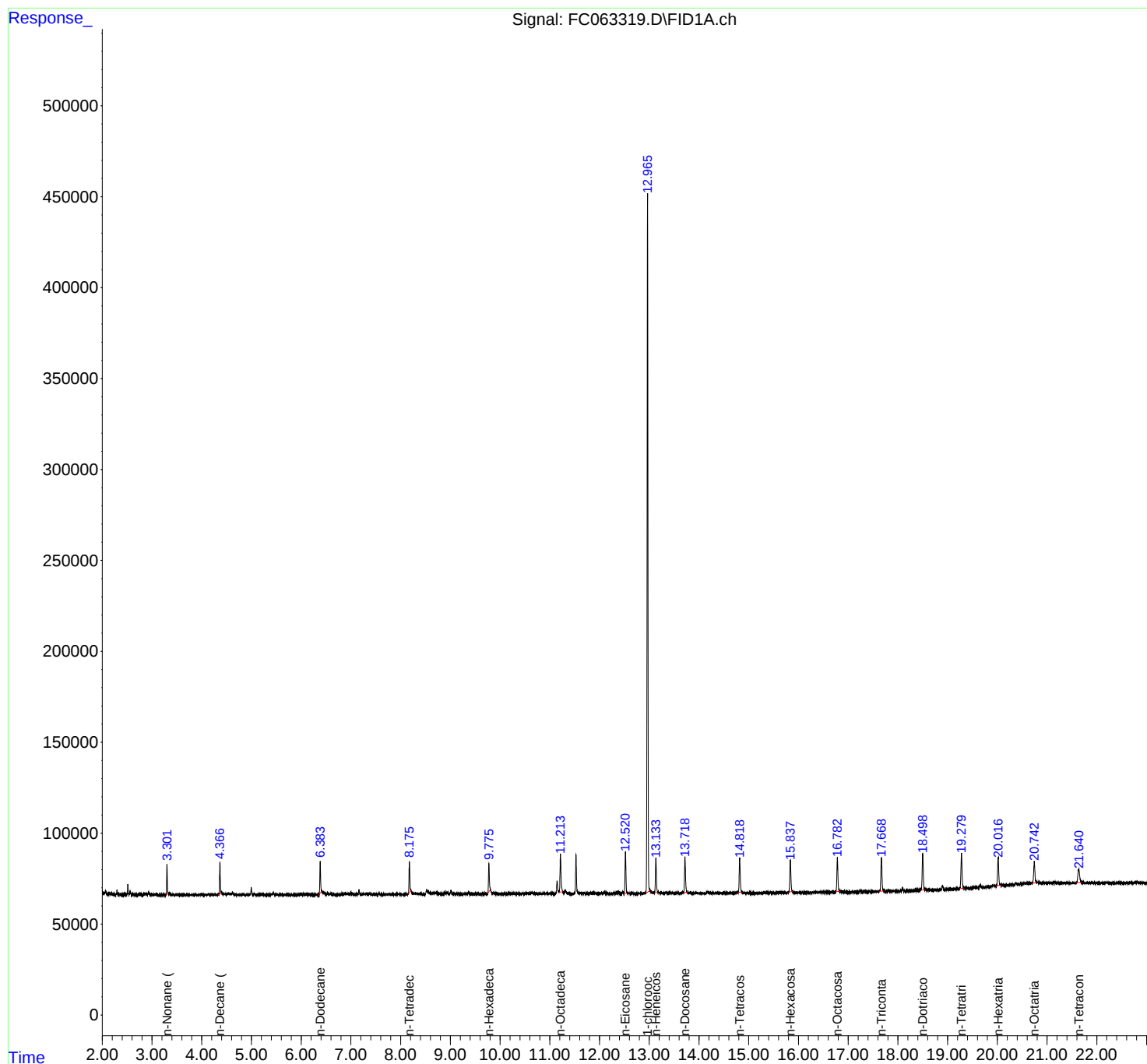
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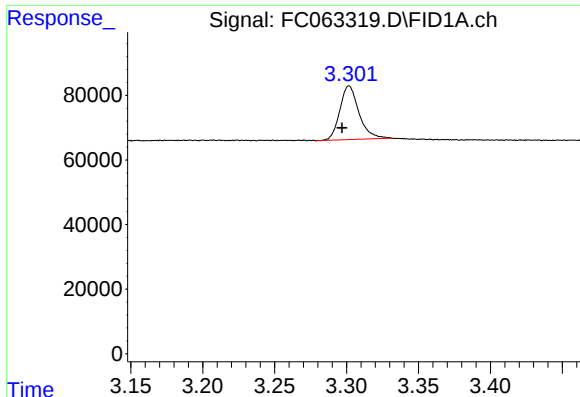
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.005 min
Response: 154002
Conc: 1.10 ug/ml

Instrument :

FID_C

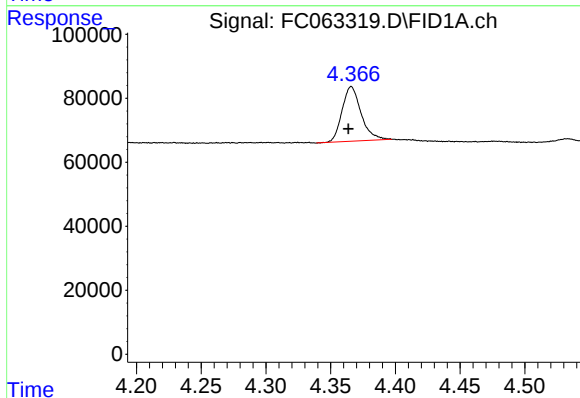
ClientSampleId :

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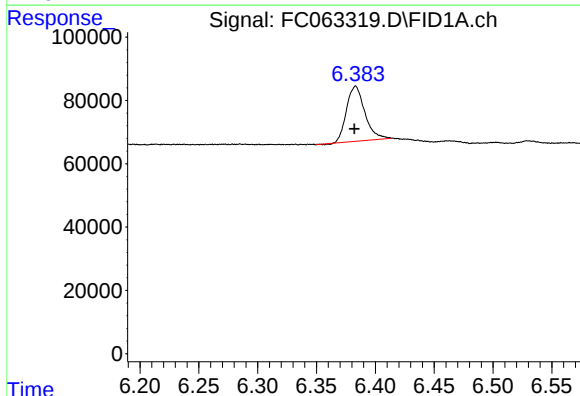
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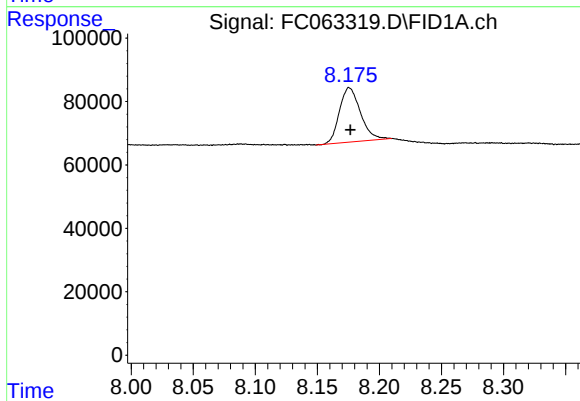
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 174866
Conc: 1.28 ug/ml



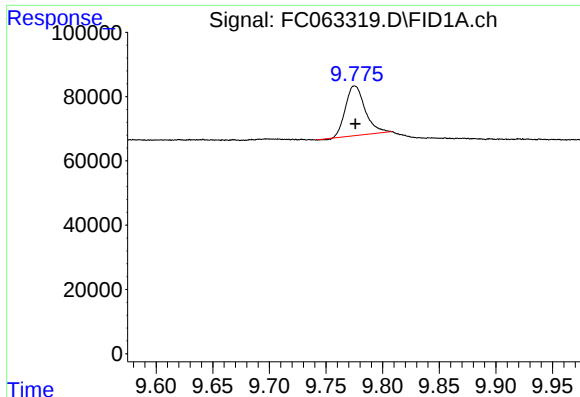
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 187175
Conc: 1.39 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 201807
Conc: 1.49 ug/ml



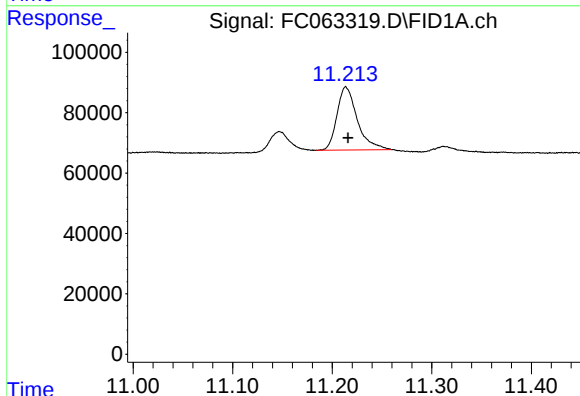
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.000 min
Response: 185806
Conc: 1.37 ug/ml

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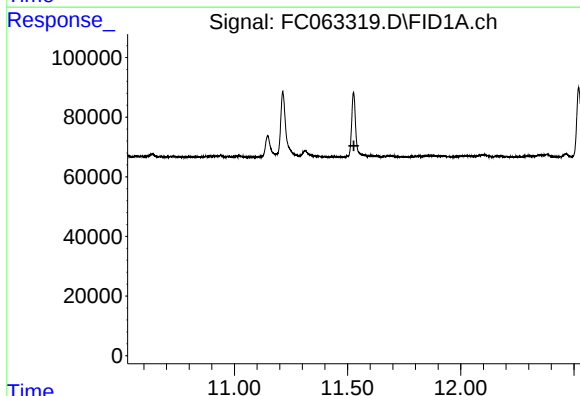
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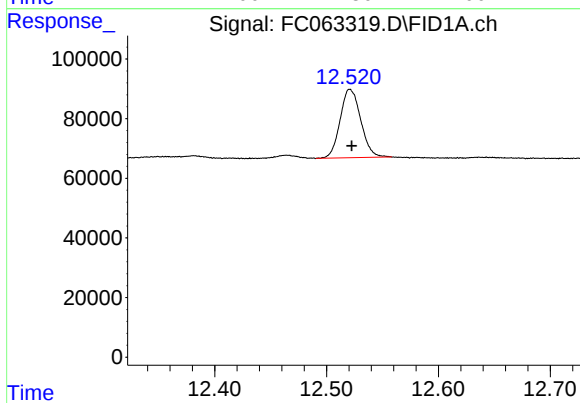
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.002 min
Response: 295936
Conc: 2.14 ug/ml



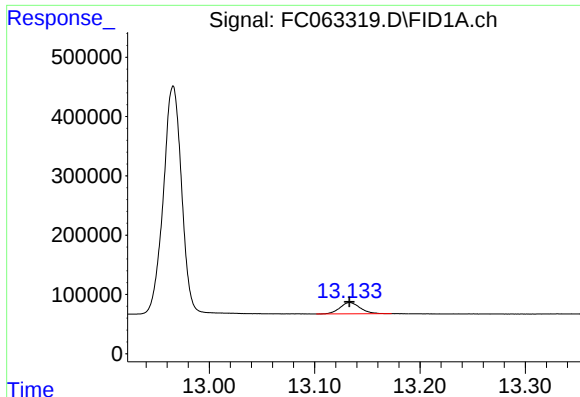
#9 ortho-Terphenyl (SURR)

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: 294625
Conc: 2.19 ug/ml



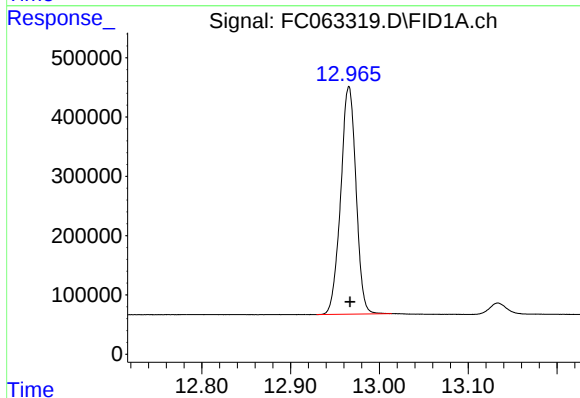
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 252626
Conc: 1.88 ug/ml

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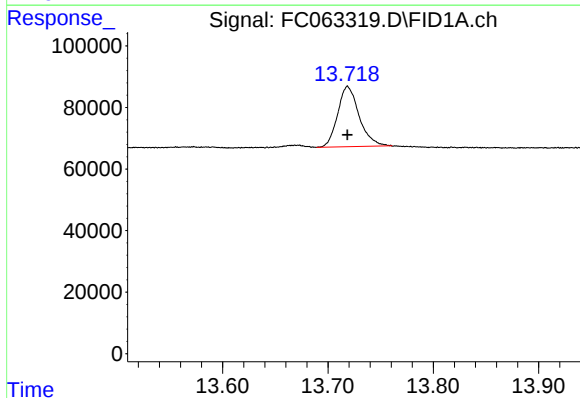
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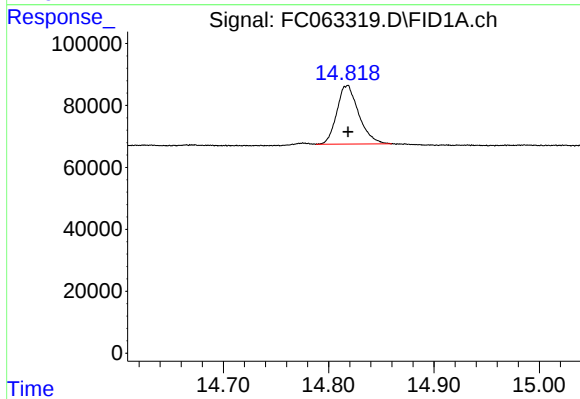
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.001 min
Response: 4599336
Conc: 41.57 ug/ml



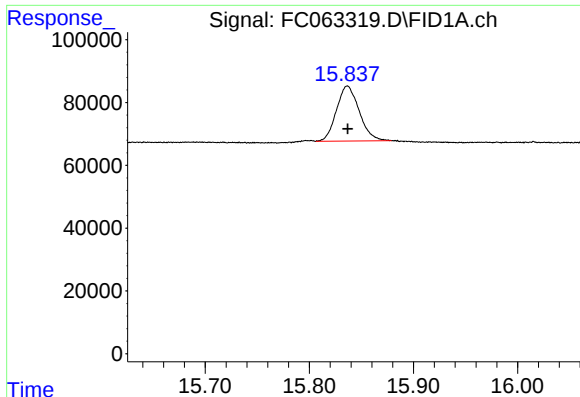
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 277018
Conc: 2.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 273023
Conc: 2.03 ug/ml



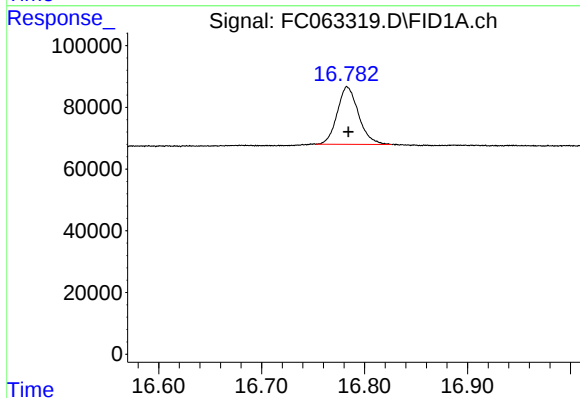
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.000 min
Response: 265463
Conc: 1.98 ug/ml

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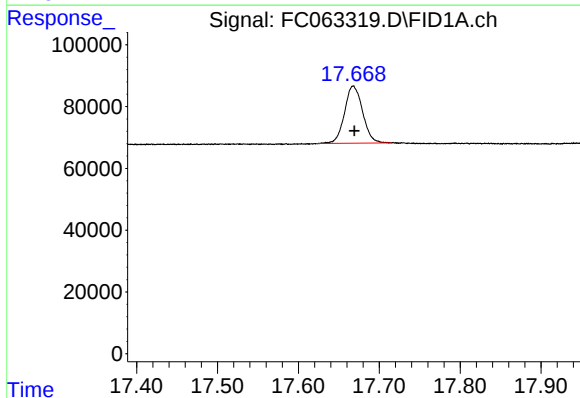
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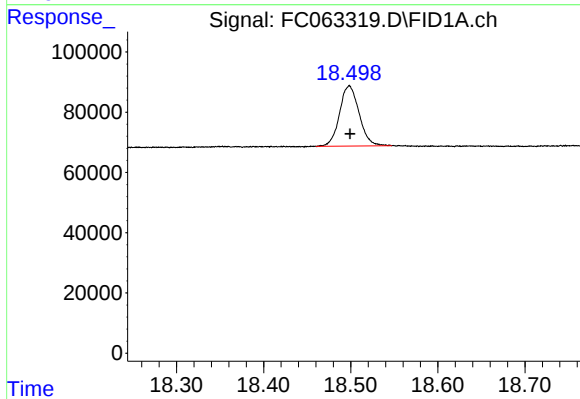
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.001 min
Response: 267636
Conc: 1.98 ug/ml



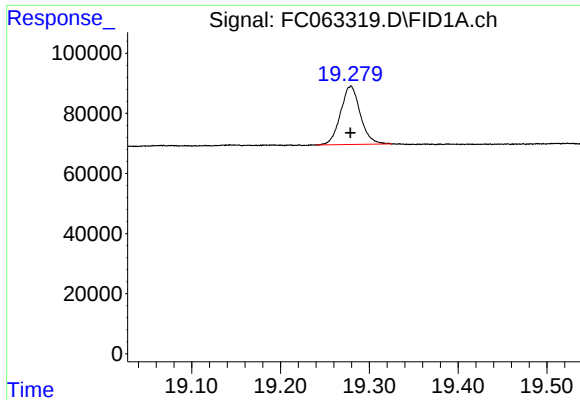
#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: -0.001 min
Response: 287158
Conc: 2.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.000 min
Response: 311642
Conc: 2.21 ug/ml



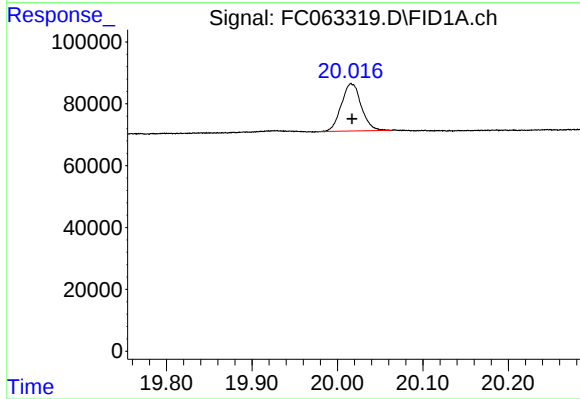
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 300808
Conc: 2.18 ug/ml

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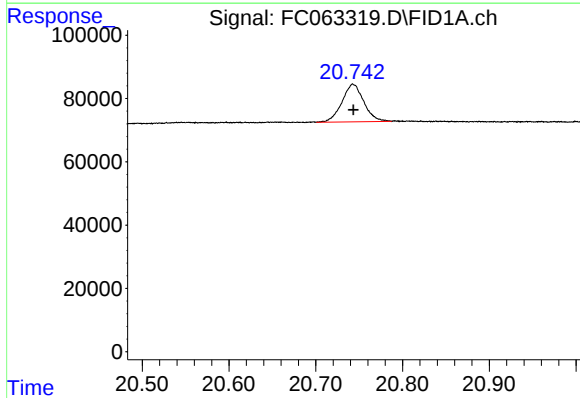
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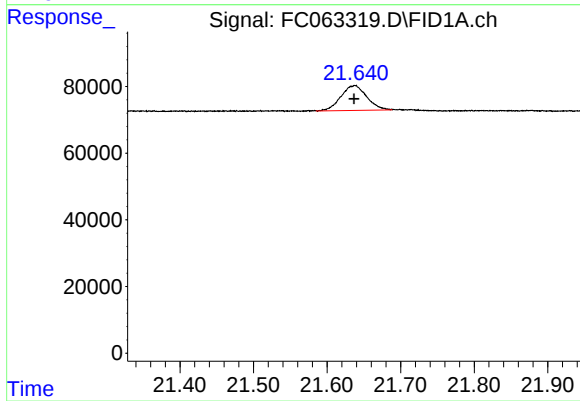
#20 n-Hexatriacontane (C36)

R.T.: 20.016 min
Delta R.T.: -0.001 min
Response: 247624
Conc: 1.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.000 min
Response: 208838
Conc: 1.70 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.640 min
Delta R.T.: 0.003 min
Response: 183260
Conc: 1.56 ug/ml m