

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063321.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 05:56
 Operator : YP/AJ
 Sample : 02213-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 07:06:52 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	5597575	50.590 ug/ml
Spiked Amount 50.000		Recovery =	101.18%
Target Compounds			
1) T n-Nonane (C9)	3.300	305578	2.177 ug/ml
2) T n-Decane (C10)	4.365	364477	2.675 ug/ml
4) T n-Dodecane (C12)	6.382	417759	3.105 ug/ml
6) T n-Tetradecane (C14)	8.175	393535	2.907 ug/ml
7) T n-Hexadecane (C16)	9.775	479931	3.534 ug/ml
8) T n-Octadecane (C18)	11.213	578808	4.179 ug/ml
10) T n-Eicosane (C20)	12.520	566008	4.213 ug/ml
11) T n-Heneicosane (C21)	13.133	530881	3.944 ug/ml
13) T n-Docosane (C22)	13.718	552570	4.144 ug/ml
14) T n-Tetracosane (C24)	14.816	547463	4.072 ug/ml
15) T n-Hexacosane (C26)	15.836	539178	4.028 ug/ml
16) T n-Octacosane (C28)	16.783	541472	3.999 ug/ml
17) T n-Tricontane (C30)	17.667	562640	4.067 ug/ml
18) T n-Dotriacontane (C32)	18.497	594255	4.209 ug/ml
19) T n-Tetratriacontane (C34)	19.279	582444	4.221 ug/ml
20) T n-Hexatriacontane (C36)	20.016	512403	4.009 ug/ml
21) T n-Octatriacontane (C38)	20.744	451303	3.665 ug/ml
22) T n-Tetracontane (C40)	21.636	368425	3.131 ug/ml

(f)=RT Delta > 1/2 Window

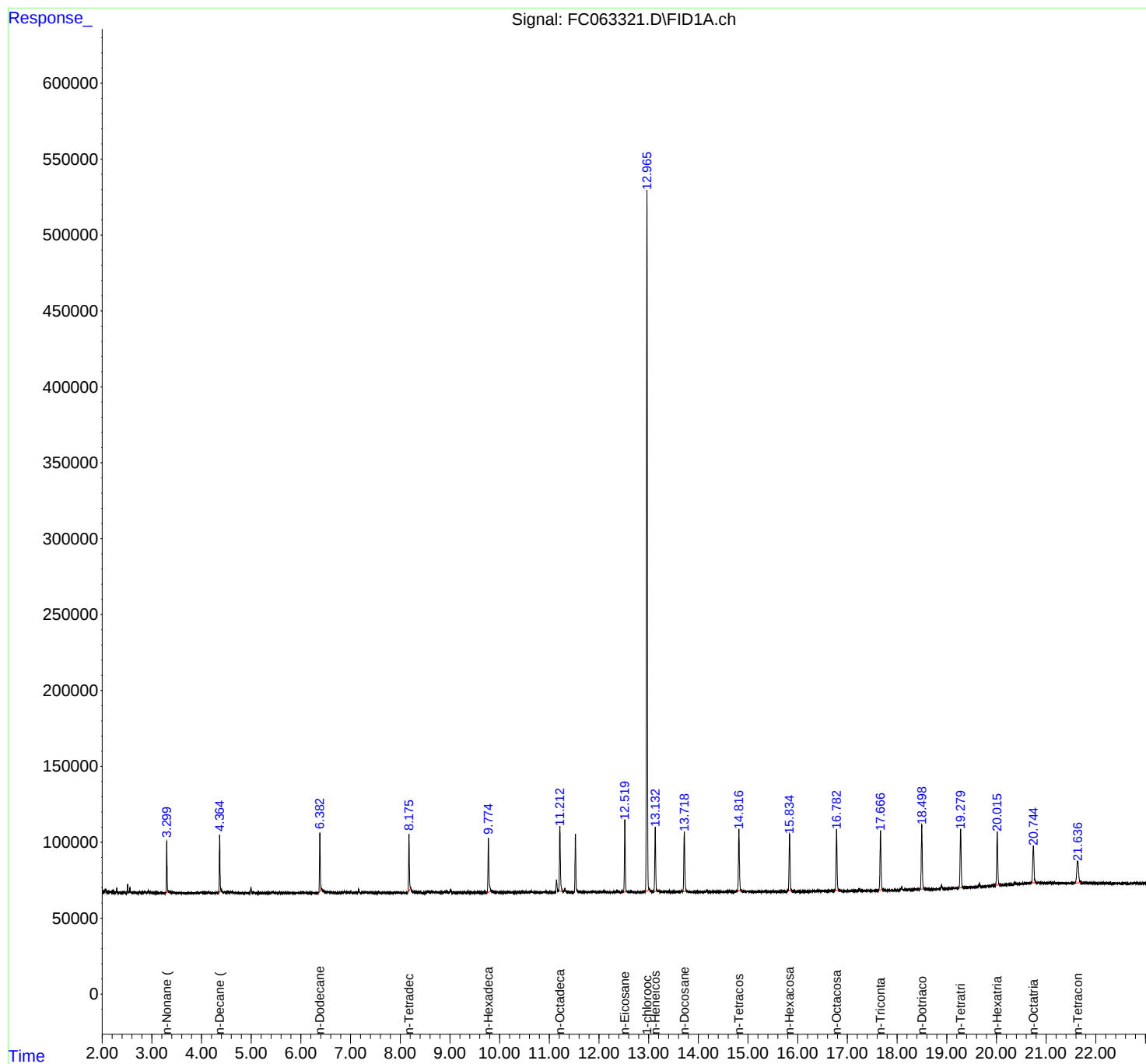
(m)=manual int.

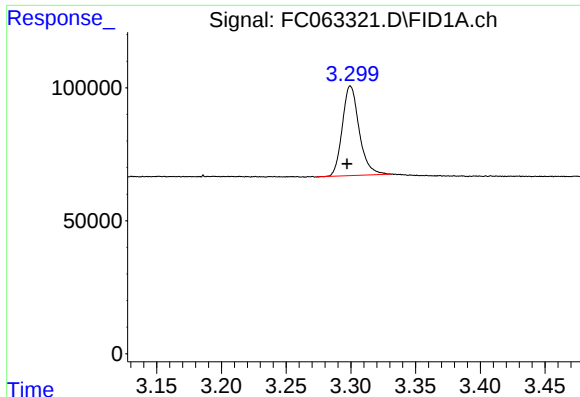
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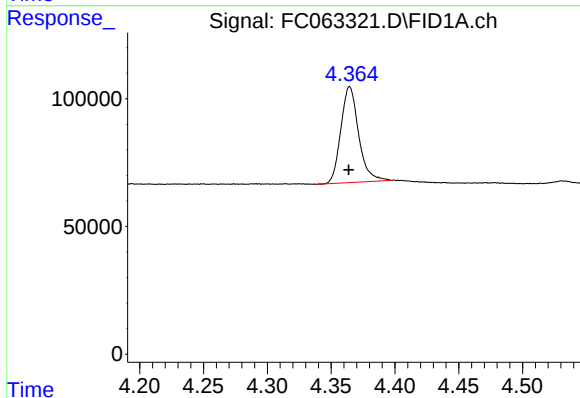




#1 n-Nonane (C9)

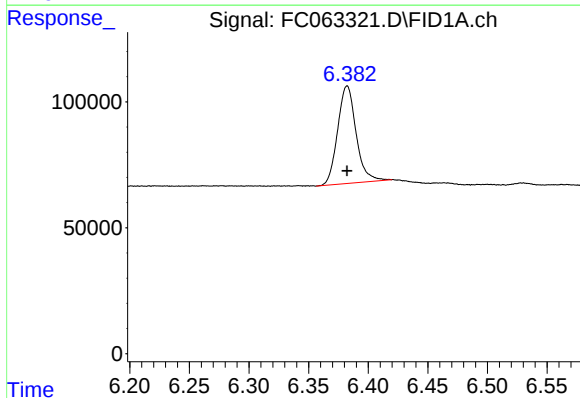
R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 305578
Conc: 2.18 ug/ml

Instrument :
FID_C
ClientSampleId :
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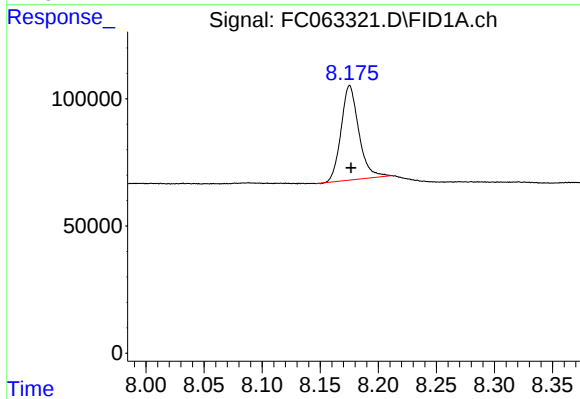
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 364477
Conc: 2.67 ug/ml



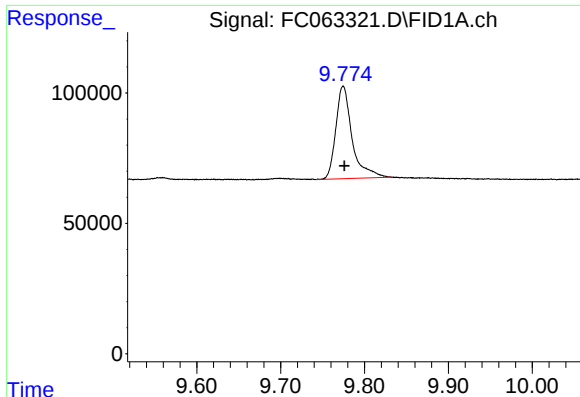
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 417759
Conc: 3.11 ug/ml



#6 n-Tetradecane (C14)

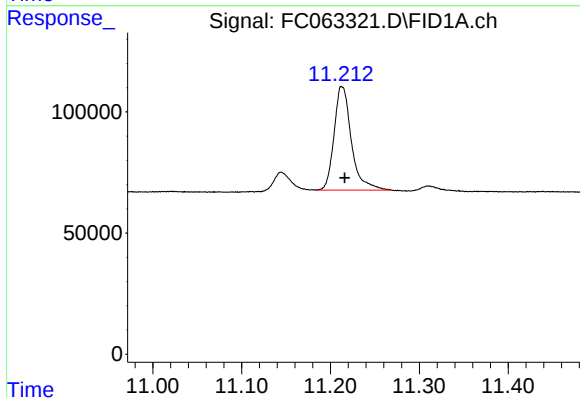
R.T.: 8.175 min
Delta R.T.: -0.001 min
Response: 393535
Conc: 2.91 ug/ml



#7 n-Hexadecane (C16)

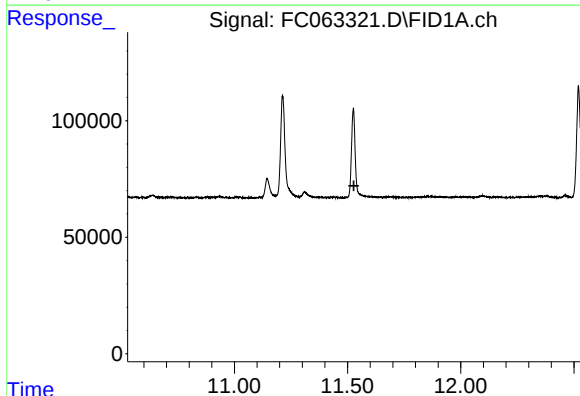
R.T.: 9.775 min
Delta R.T.: -0.001 min
Response: 479931
Conc: 3.53 ug/ml

Instrument :
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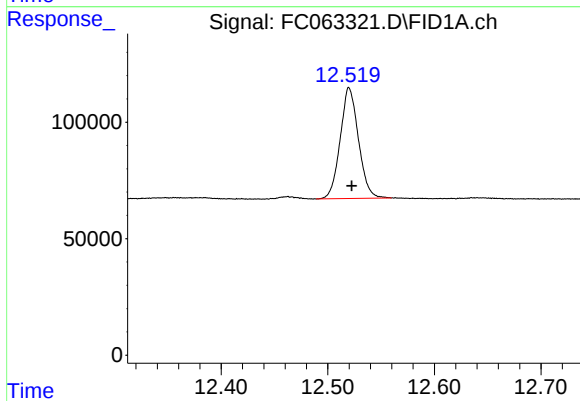
#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: -0.003 min
Response: 578808
Conc: 4.18 ug/ml



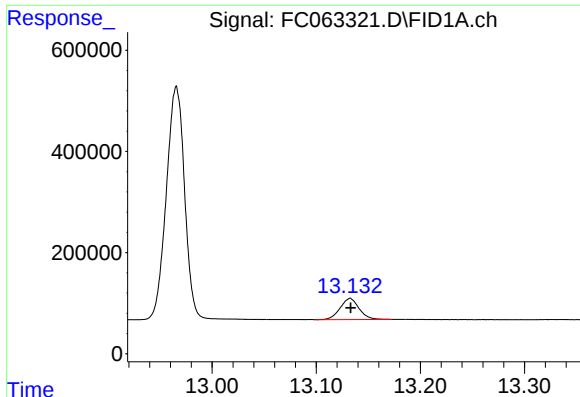
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

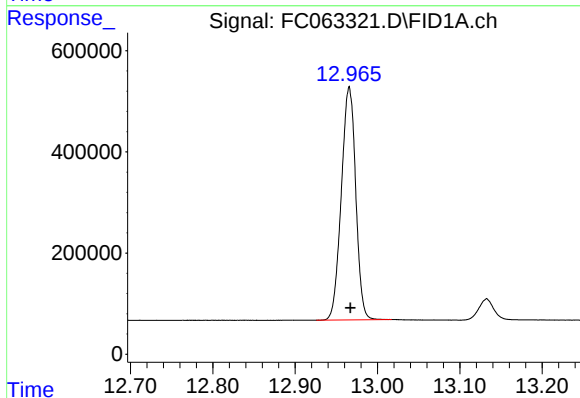
R.T.: 12.520 min
Delta R.T.: -0.003 min
Response: 566008
Conc: 4.21 ug/ml



#11 n-Heneicosane (C21)

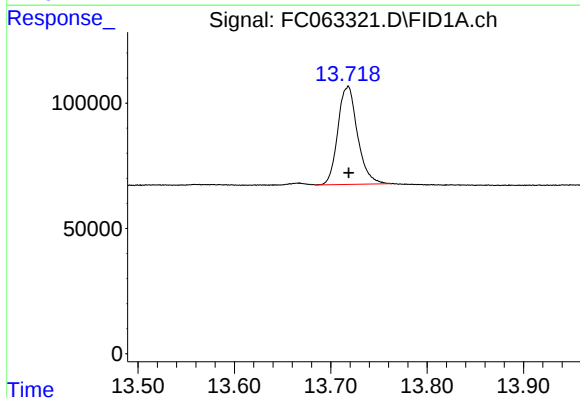
R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 530881
Conc: 3.94 ug/ml

Instrument :
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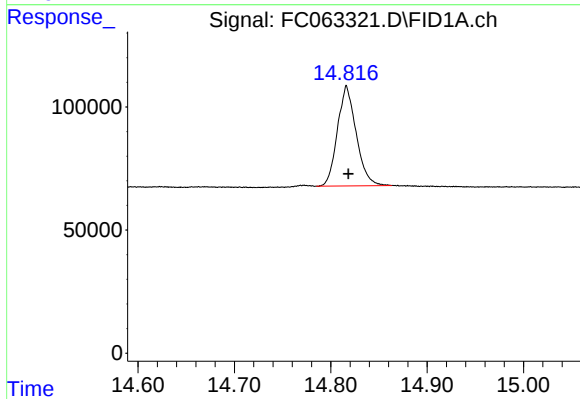
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.001 min
Response: 5597575
Conc: 50.59 ug/ml



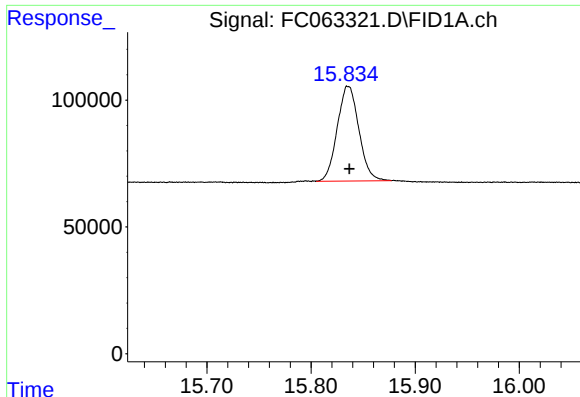
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: 0.000 min
Response: 552570
Conc: 4.14 ug/ml



#14 n-Tetracosane (C24)

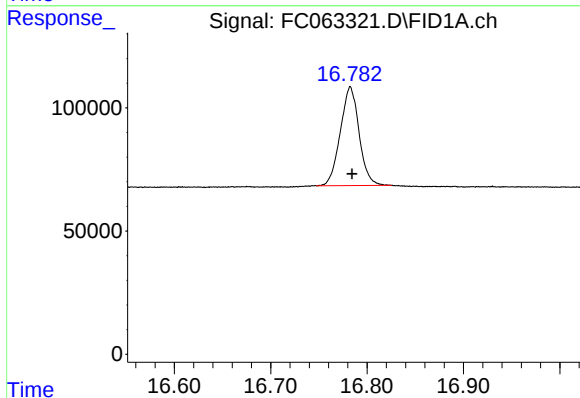
R.T.: 14.816 min
Delta R.T.: -0.002 min
Response: 547463
Conc: 4.07 ug/ml



#15 n-Hexacosane (C26)

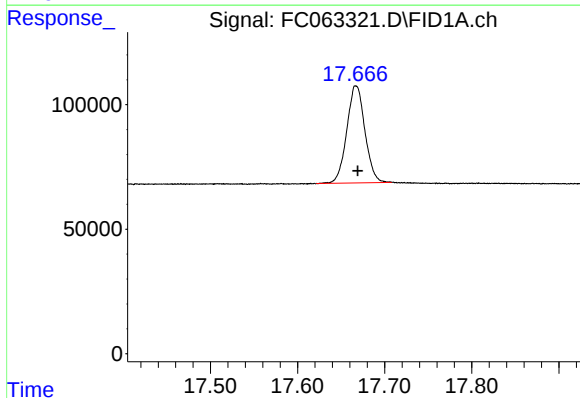
R.T.: 15.836 min
Delta R.T.: -0.001 min
Response: 539178
Conc: 4.03 ug/ml

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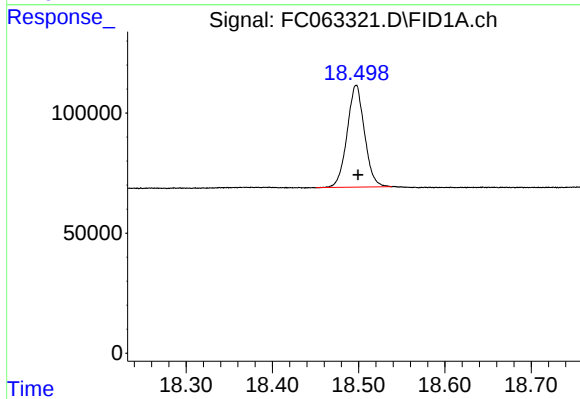
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.002 min
Response: 541472
Conc: 4.00 ug/ml



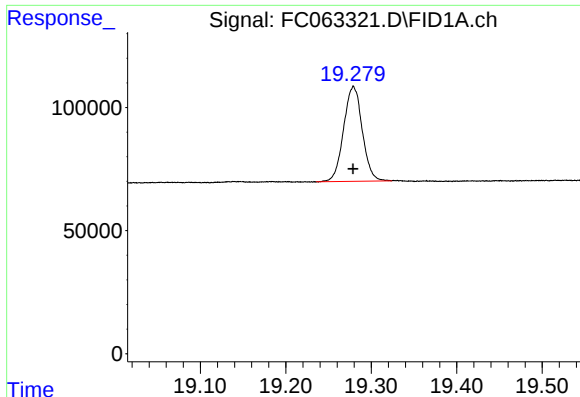
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: -0.002 min
Response: 562640
Conc: 4.07 ug/ml



#18 n-Dotriacontane (C32)

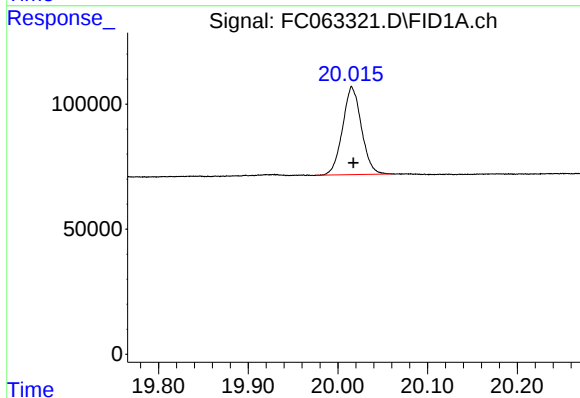
R.T.: 18.497 min
Delta R.T.: -0.002 min
Response: 594255
Conc: 4.21 ug/ml



#19 n-Tetratriacontane (C34)

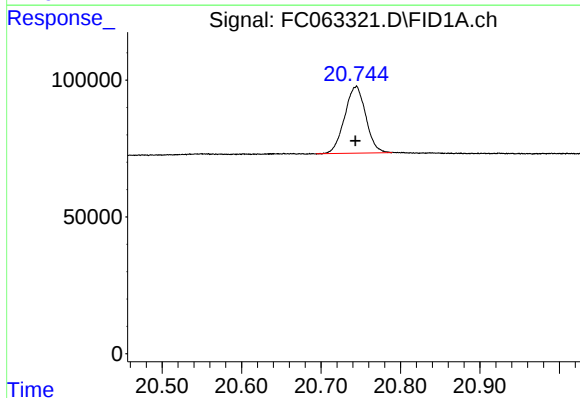
R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 582444
Conc: 4.22 ug/ml

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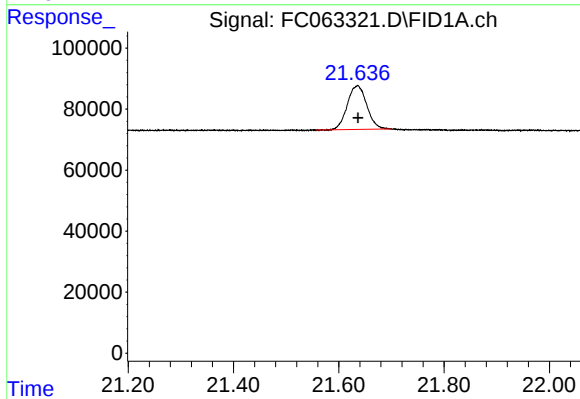
#20 n-Hexatriacontane (C36)

R.T.: 20.016 min
Delta R.T.: -0.002 min
Response: 512403
Conc: 4.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.001 min
Response: 451303
Conc: 3.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.636 min
Delta R.T.: 0.000 min
Response: 368425
Conc: 3.13 ug/ml