

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090523AL\
 Data File : FC064503.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2023 20:46
 Operator : YP/AJ
 Sample : PB155321BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB155321BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 00:19:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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...	12.947	4930586	32.338 ug/ml
Spiked Amount 50.000		Recovery =	64.68%
Target Compounds			
1) T n-Nonane (C9)	3.302	4235390	23.997 ug/ml
2) T n-Decane (C10)	4.364	5505584	31.385 ug/ml
4) T n-Dodecane (C12)	6.377	6753451	37.889 ug/ml
6) T n-Tetradecane (C14)	8.167	7248930	41.552 ug/ml
7) T n-Hexadecane (C16)	9.764	7805122	45.165 ug/ml
8) T n-Octadecane (C18)	11.202	8265789	47.212 ug/ml
10) T n-Eicosane (C20)	12.508	8416948	49.757 ug/ml
11) T n-Heneicosane (C21)	13.117	8082032	48.423 ug/ml
13) T n-Docosane (C22)	13.700	7959426	48.798 ug/ml
14) T n-Tetracosane (C24)	14.798	7730902	48.546 ug/ml
15) T n-Hexacosane (C26)	15.816	7383746	47.792 ug/ml
16) T n-Octacosane (C28)	16.763	7189569	48.562 ug/ml
17) T n-Tricontane (C30)	17.648	7017201	48.041 ug/ml
18) T n-Dotriacontane (C32)	18.477	6690045	47.361 ug/ml
19) T n-Tetratriacontane (C34)	19.256	6201130	46.411 ug/ml
20) T n-Hexatriacontane (C36)	19.995	5680956	44.396 ug/ml
21) T n-Octatriacontane (C38)	20.716	5614899	45.725 ug/ml
22) T n-Tetracontane (C40)	21.598	5500808	47.367 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB155321BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

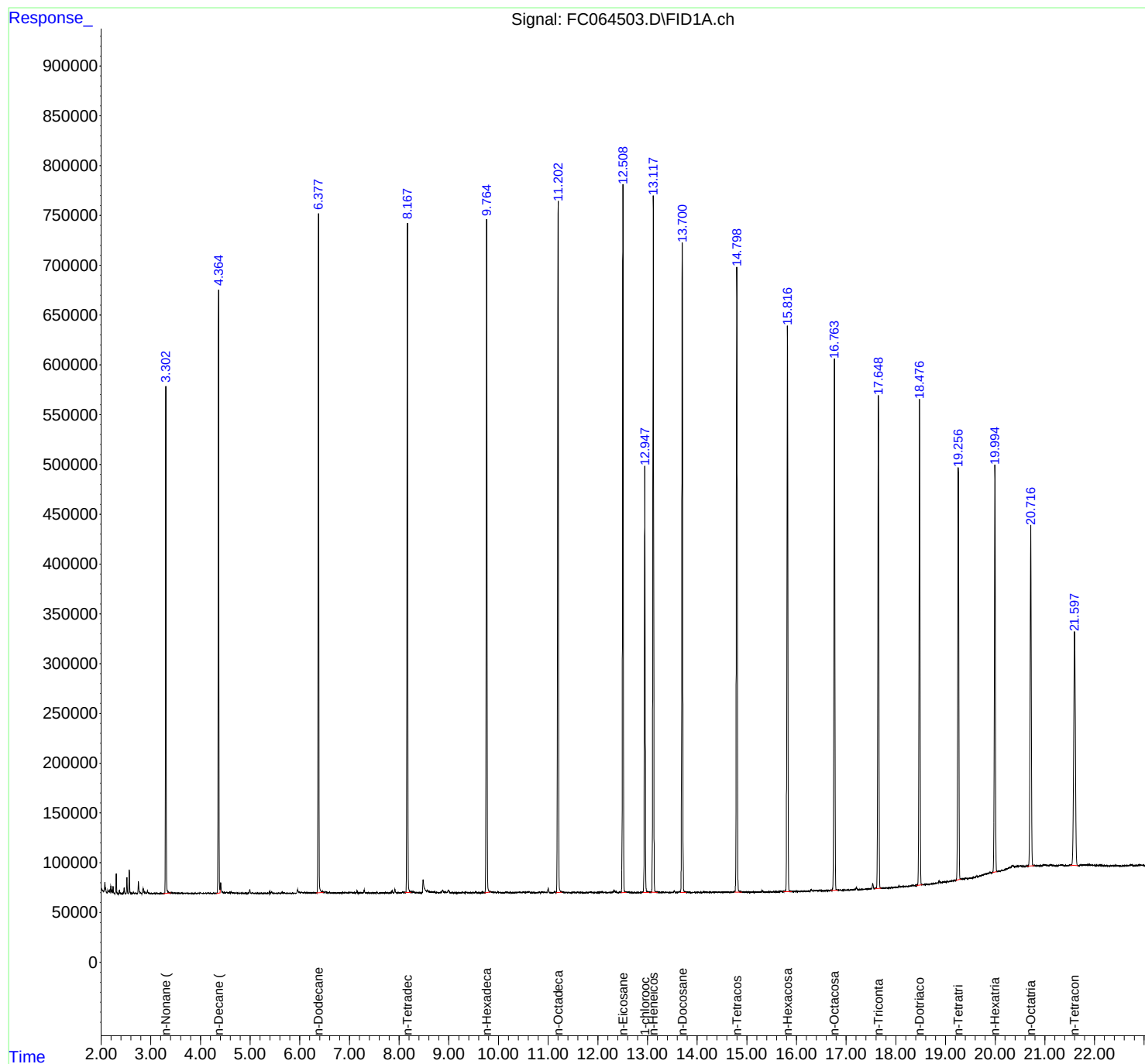
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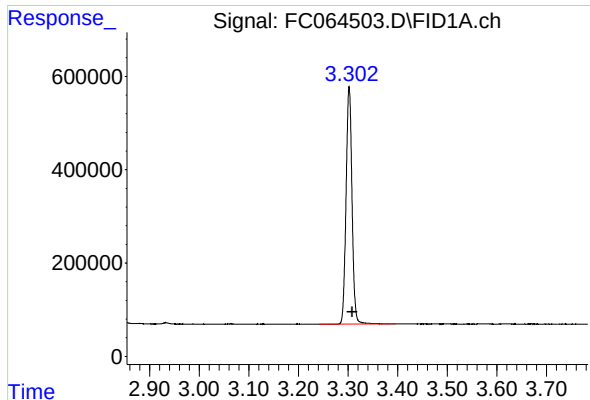
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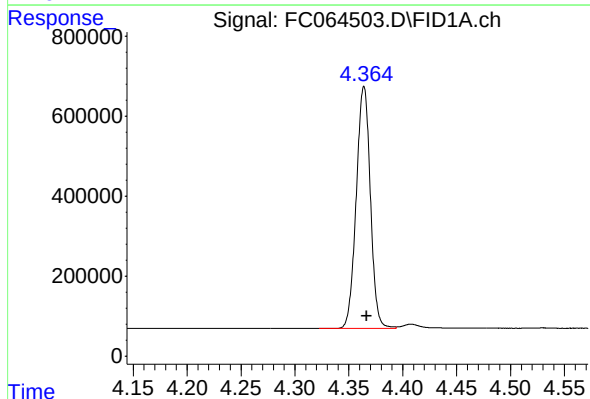
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.007 min
Response: 4235390
Conc: 24.00 ug/ml

Instrument :
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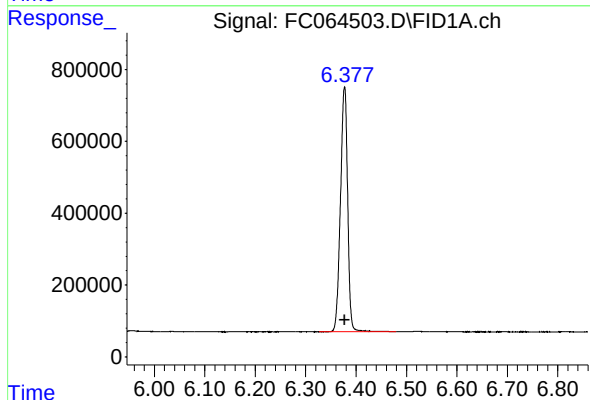
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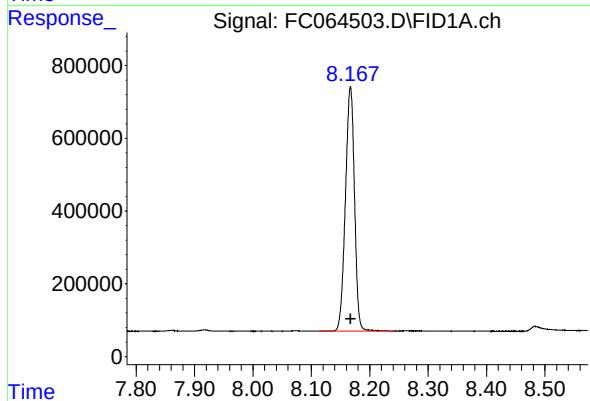
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 5505584
Conc: 31.38 ug/ml



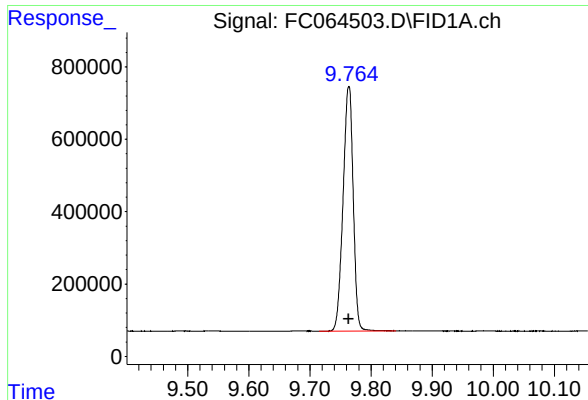
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 6753451
Conc: 37.89 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 7248930
Conc: 41.55 ug/ml



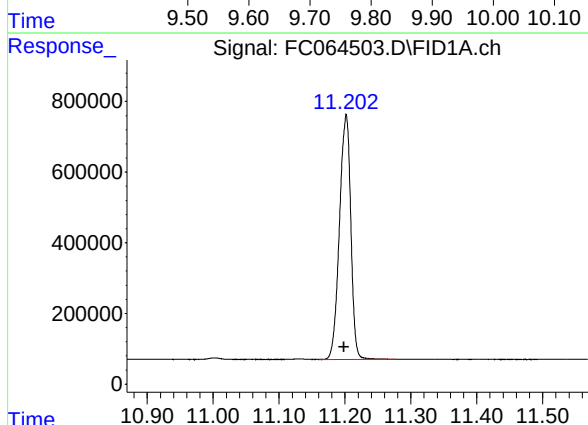
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 7805122
Conc: 45.16 ug/ml

Instrument :
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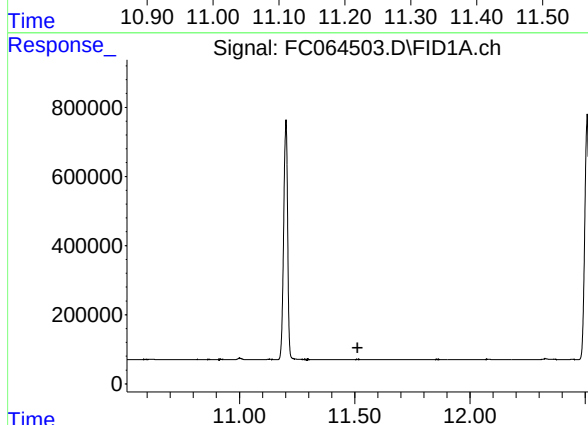
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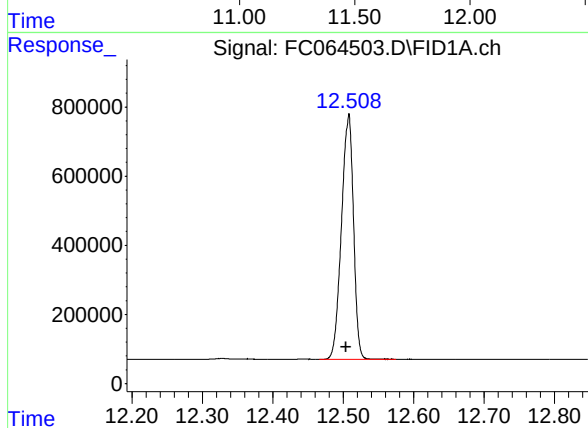
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: 0.003 min
Response: 8265789
Conc: 47.21 ug/ml



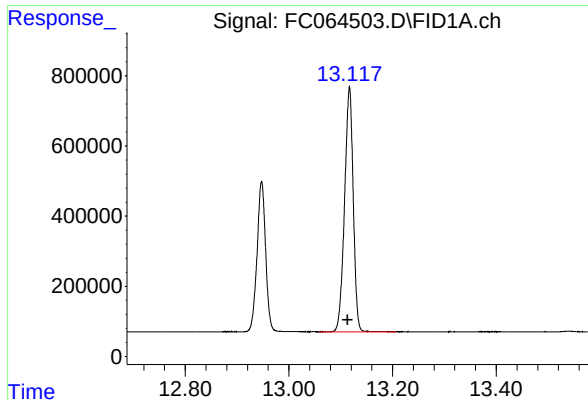
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.512 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.004 min
Response: 8416948
Conc: 49.76 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.004 min
Response: 8082032
Conc: 48.42 ug/ml

Instrument :

FID_C

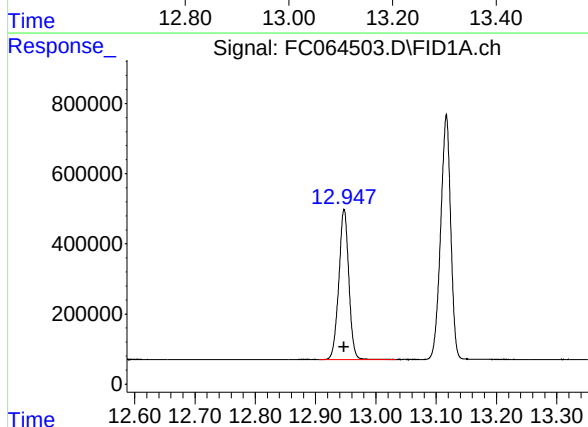
ClientSampleId :

PB155321BS

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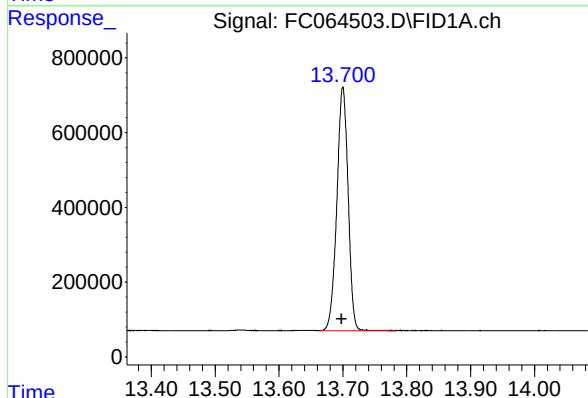
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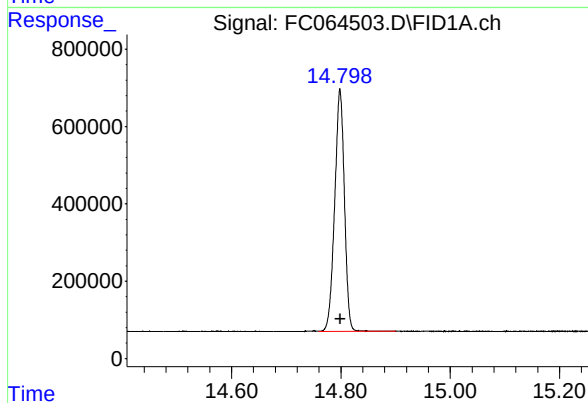
#12 1-chlorooctadecane (SURR)

R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 4930586
Conc: 32.34 ug/ml



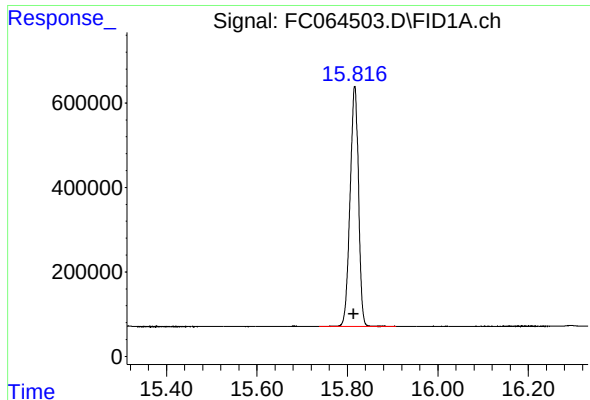
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.002 min
Response: 7959426
Conc: 48.80 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.000 min
Response: 7730902
Conc: 48.55 ug/ml



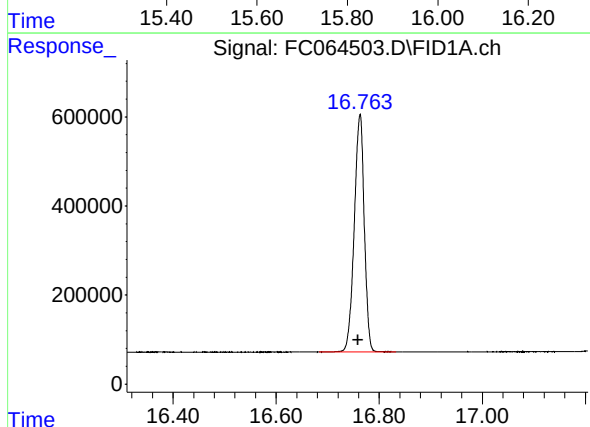
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.002 min
Response: 7383746
Conc: 47.79 ug/ml

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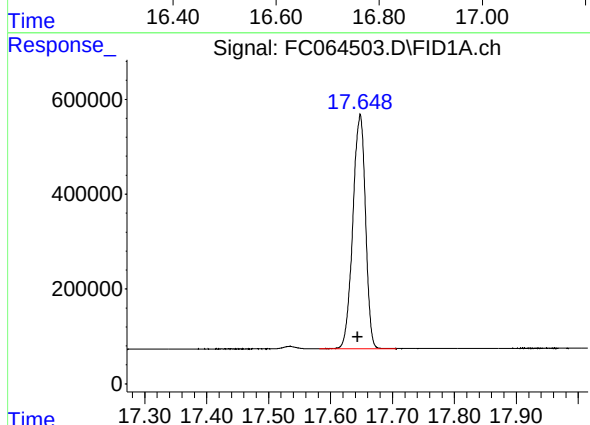
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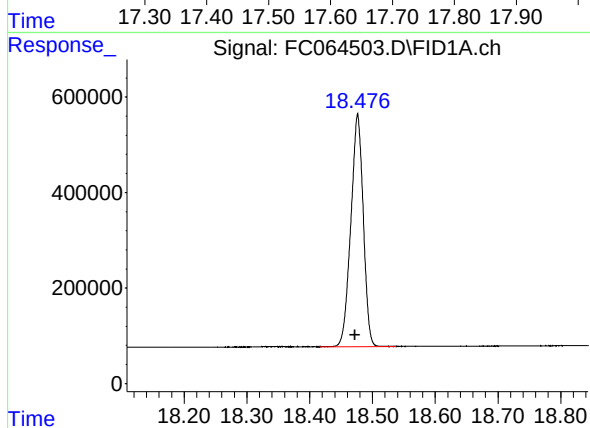
#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.004 min
Response: 7189569
Conc: 48.56 ug/ml



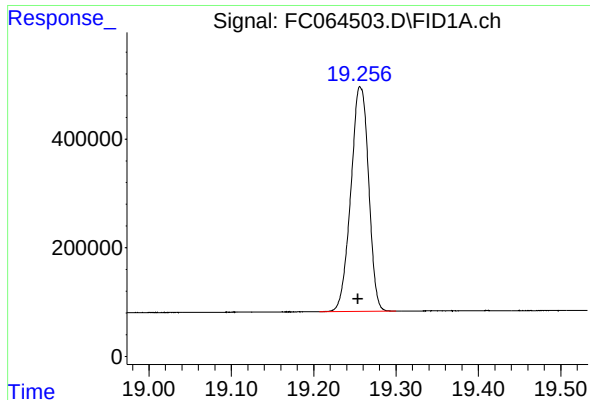
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: 0.004 min
Response: 7017201
Conc: 48.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.005 min
Response: 6690045
Conc: 47.36 ug/ml



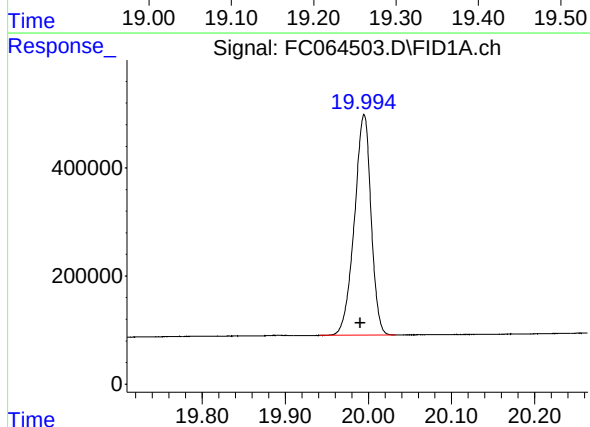
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.002 min
Response: 6201130
Conc: 46.41 ug/ml

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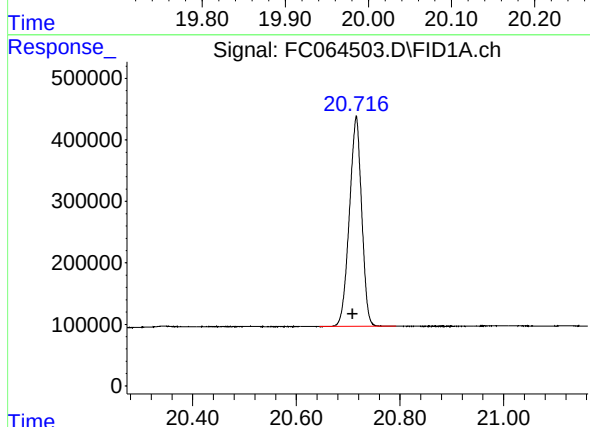
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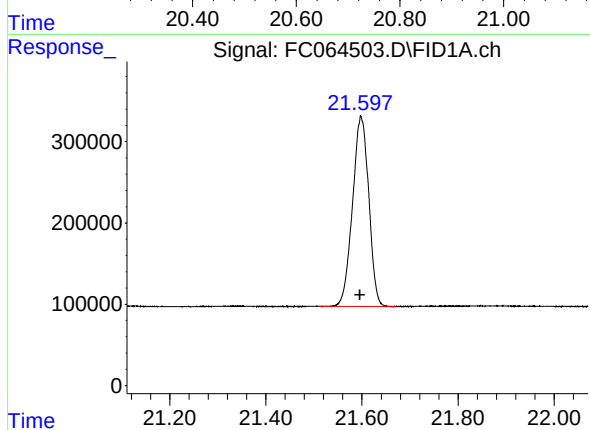
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.005 min
Response: 5680956
Conc: 44.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.007 min
Response: 5614899
Conc: 45.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.002 min
Response: 5500808
Conc: 47.37 ug/ml