

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090523AL\
 Data File : FC064501.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2023 19:03
 Operator : YP/AJ
 Sample : PB155329BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB155329BSD

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 00:19:07 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...	12.949	5952142	39.038 ug/ml
Spiked Amount 50.000		Recovery =	78.08%
Target Compounds			
1) T n-Nonane (C9)	3.300	4085817	23.150 ug/ml
2) T n-Decane (C10)	4.362	5301384	30.221 ug/ml
4) T n-Dodecane (C12)	6.376	6410256	35.963 ug/ml
6) T n-Tetradecane (C14)	8.167	6799312	38.974 ug/ml
7) T n-Hexadecane (C16)	9.764	7254798	41.980 ug/ml
8) T n-Octadecane (C18)	11.201	7608872	43.460 ug/ml
10) T n-Eicosane (C20)	12.508	7929031	46.873 ug/ml
11) T n-Heneicosane (C21)	13.117	7609731	45.593 ug/ml
13) T n-Docosane (C22)	13.701	7490057	45.920 ug/ml
14) T n-Tetracosane (C24)	14.801	7245662	45.499 ug/ml
15) T n-Hexacosane (C26)	15.816	6932875	44.874 ug/ml
16) T n-Octacosane (C28)	16.764	6728502	45.448 ug/ml
17) T n-Tricontane (C30)	17.647	6569080	44.973 ug/ml
18) T n-Dotriacontane (C32)	18.475	6262504	44.334 ug/ml
19) T n-Tetratriacontane (C34)	19.257	5877516	43.989 ug/ml
20) T n-Hexatriacontane (C36)	19.994	5313357	41.523 ug/ml
21) T n-Octatriacontane (C38)	20.715	5215080	42.469 ug/mlm
22) T n-Tetracontane (C40)	21.601	5124709	44.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

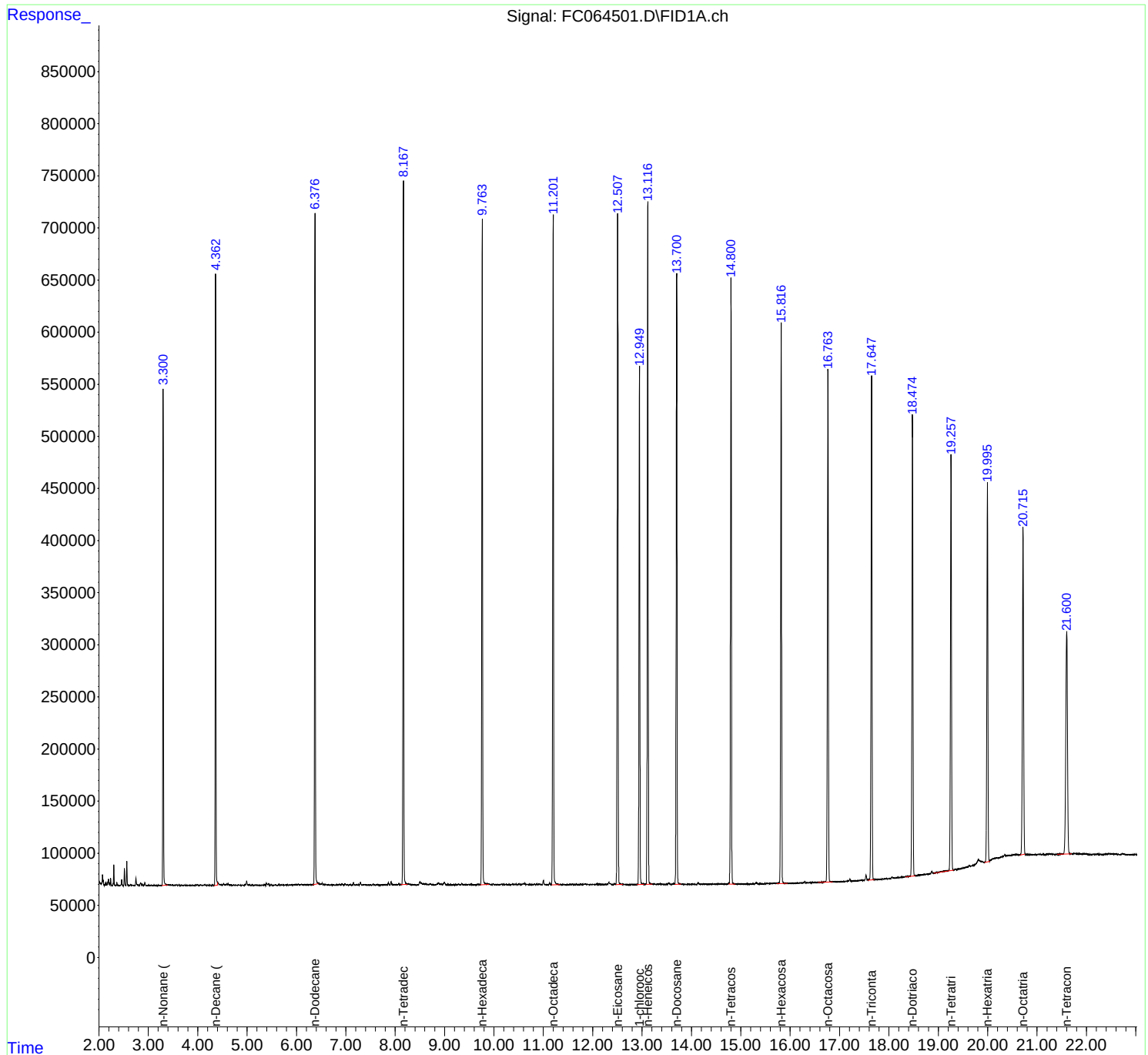
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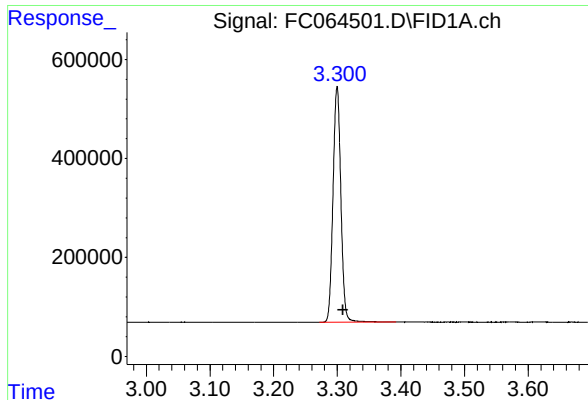
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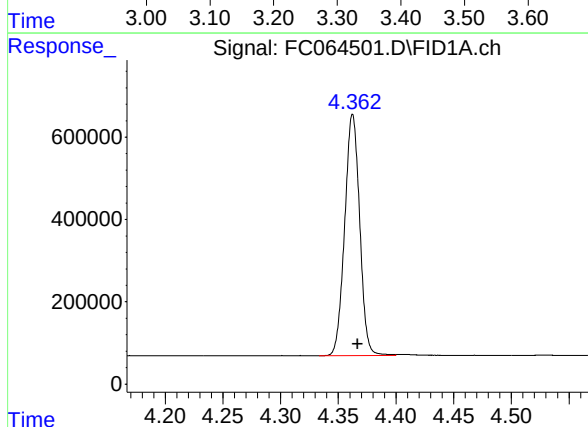
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.009 min
Response: 4085817
Conc: 23.15 ug/ml

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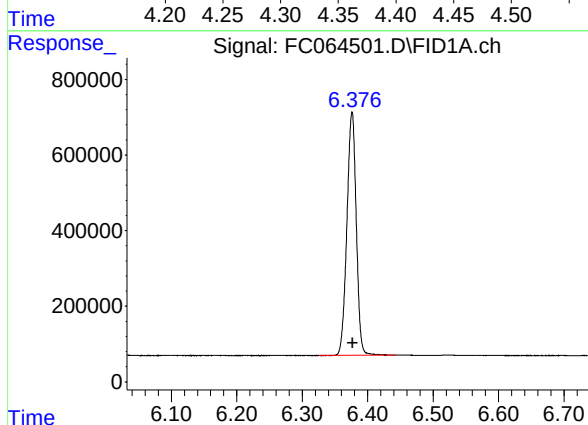
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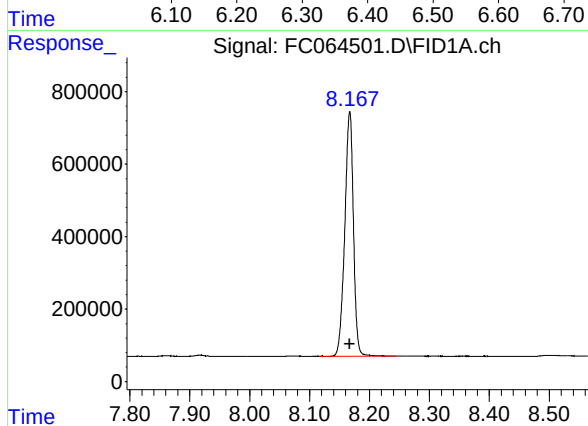
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 5301384
Conc: 30.22 ug/ml



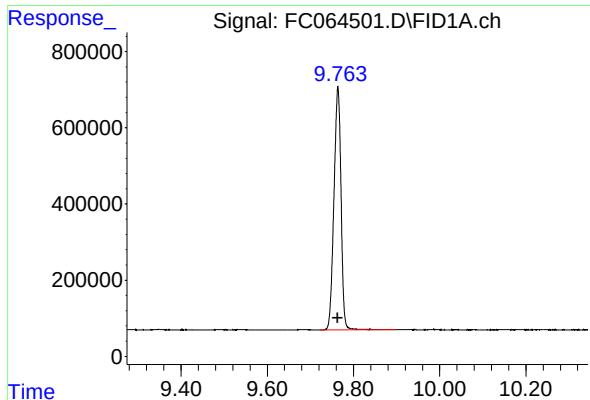
#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 6410256
Conc: 35.96 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 6799312
Conc: 38.97 ug/ml



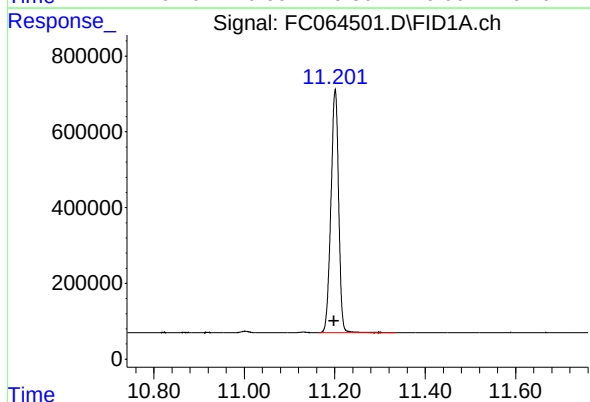
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 7254798
Conc: 41.98 ug/ml

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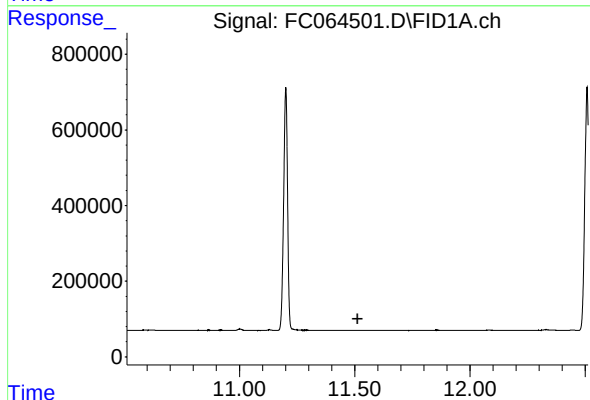
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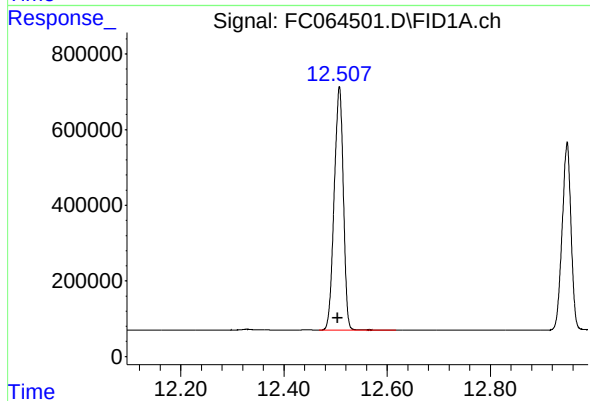
#8 n-Octadecane (C18)

R.T.: 11.201 min
Delta R.T.: 0.003 min
Response: 7608872
Conc: 43.46 ug/ml



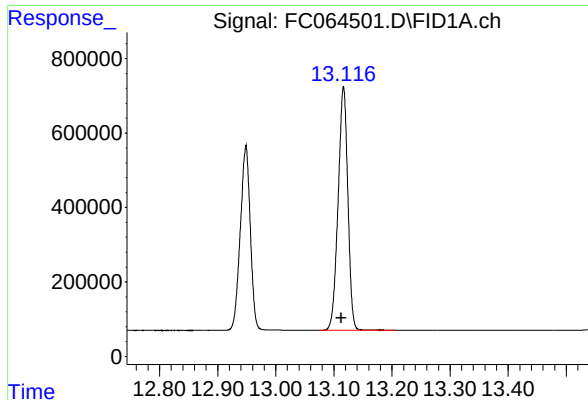
#9 ortho-Terphenyl (SURR)

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.: 0.003 min
Response: 7929031
Conc: 46.87 ug/ml



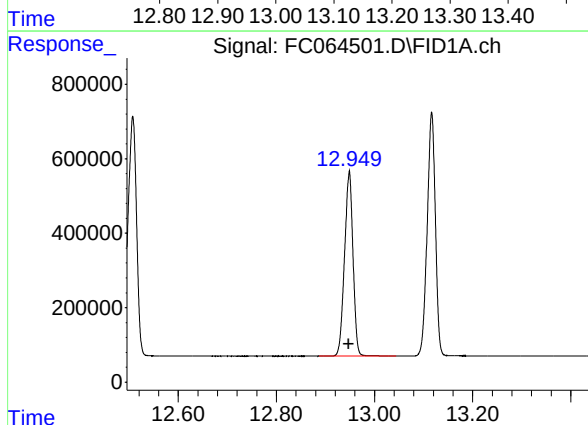
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.004 min
Response: 7609731
Conc: 45.59 ug/ml

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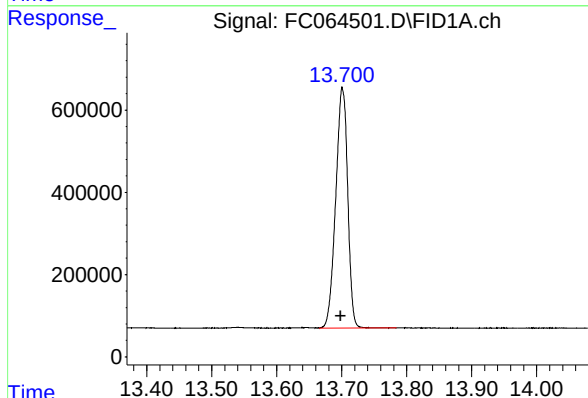
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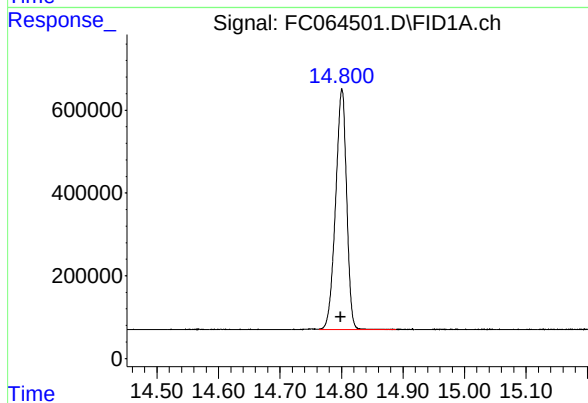
#12 1-chlorooctadecane (SURR)

R.T.: 12.949 min
Delta R.T.: 0.001 min
Response: 5952142
Conc: 39.04 ug/ml



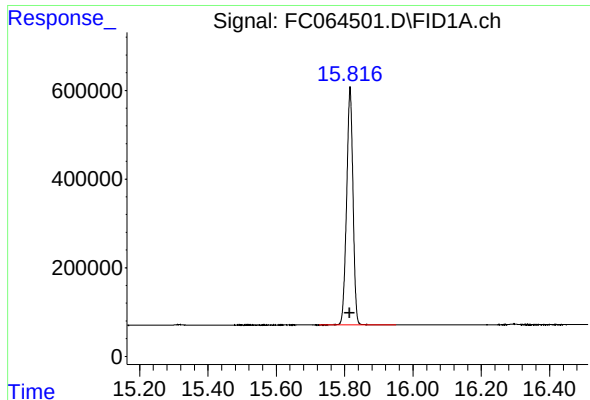
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: 0.003 min
Response: 7490057
Conc: 45.92 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.002 min
Response: 7245662
Conc: 45.50 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.002 min
Response: 6932875
Conc: 44.87 ug/ml

Instrument :

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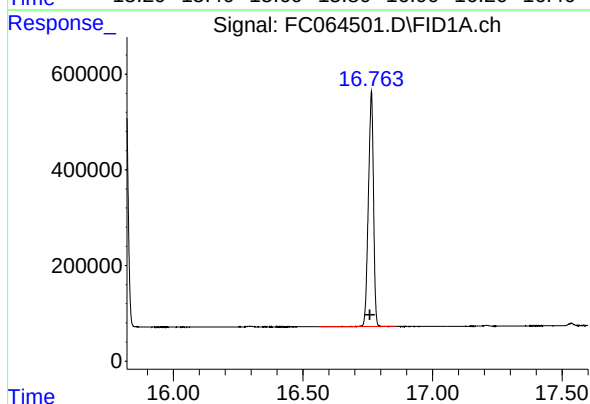
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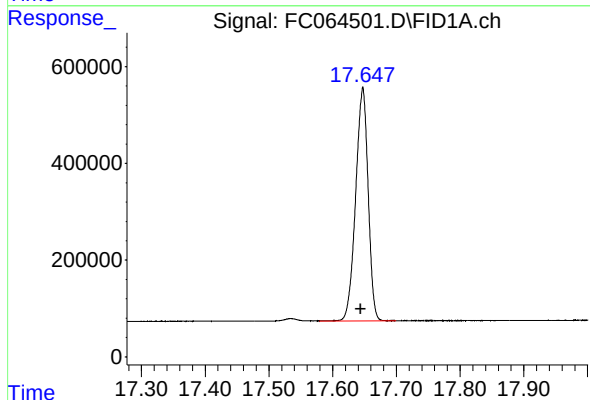
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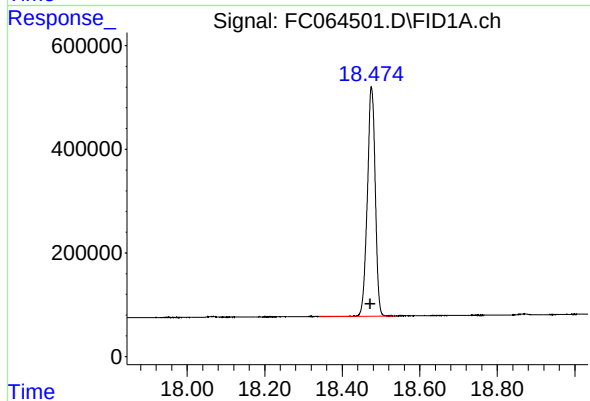
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.005 min
Response: 6728502
Conc: 45.45 ug/ml



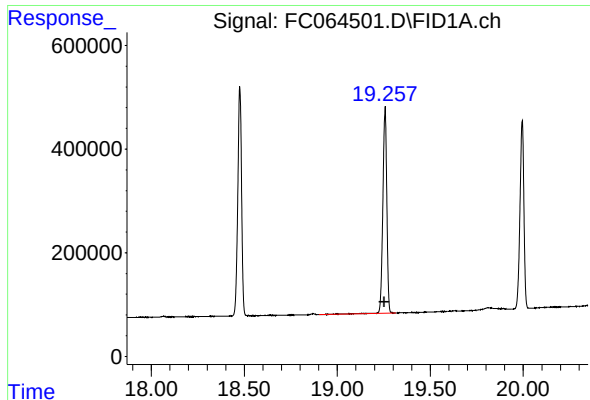
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.003 min
Response: 6569080
Conc: 44.97 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.003 min
Response: 6262504
Conc: 44.33 ug/ml



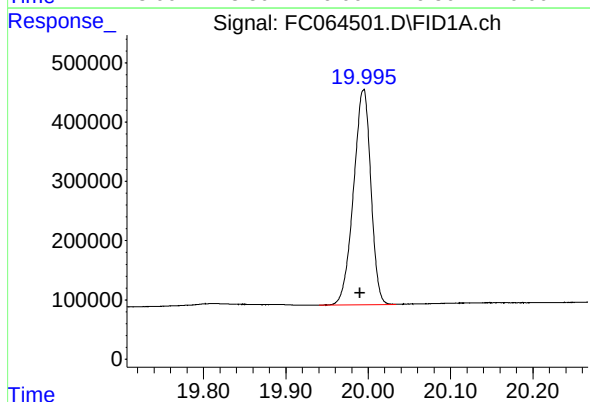
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.003 min
Response: 5877516
Conc: 43.99 ug/ml

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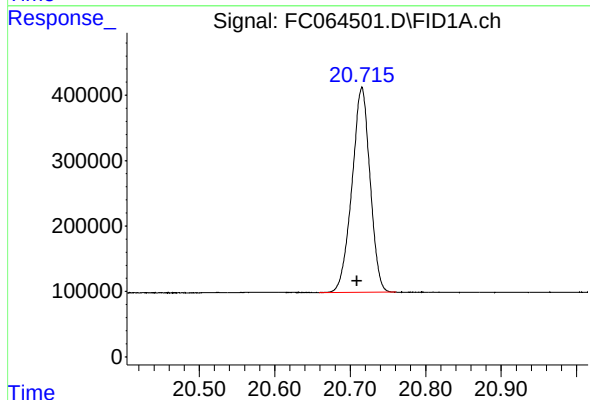
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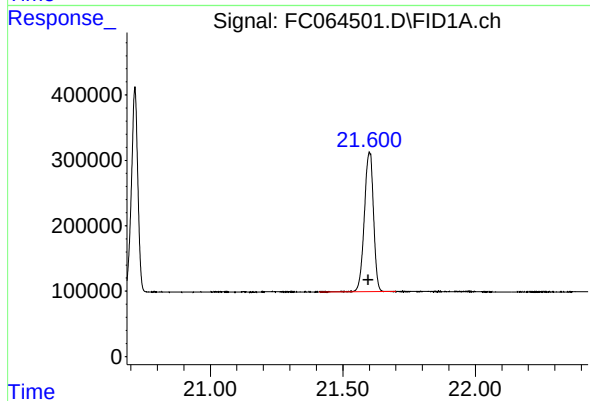
#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: 0.004 min
Response: 5313357
Conc: 41.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.007 min
Response: 5215080
Conc: 42.47 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.005 min
Response: 5124709
Conc: 44.13 ug/ml