

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083123AL\
 Data File : FC064467.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 17:36
 Operator : YP/AJ
 Sample : PB155245BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB155245BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:17:50 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	5559203	36.460 ug/ml
Spiked Amount 50.000		Recovery =	72.92%
Target Compounds			
1) T n-Nonane (C9)	3.307	4089076	23.168 ug/ml
2) T n-Decane (C10)	4.366	5150172	29.359 ug/ml
4) T n-Dodecane (C12)	6.377	6127710	34.378 ug/ml
6) T n-Tetradecane (C14)	8.167	6536295	37.467 ug/ml
7) T n-Hexadecane (C16)	9.762	6910645	39.989 ug/ml
8) T n-Octadecane (C18)	11.200	7233172	41.314 ug/ml
10) T n-Eicosane (C20)	12.505	7377131	43.610 ug/ml
11) T n-Heneicosane (C21)	13.115	7077327	42.404 ug/ml
13) T n-Docosane (C22)	13.699	6982977	42.811 ug/ml
14) T n-Tetracosane (C24)	14.798	6769472	42.509 ug/ml
15) T n-Hexacosane (C26)	15.816	6472937	41.897 ug/ml
16) T n-Octacosane (C28)	16.762	6291318	42.495 ug/ml
17) T n-Tricontane (C30)	17.644	6180912	42.315 ug/ml
18) T n-Dotriacontane (C32)	18.475	6010093	42.547 ug/ml
19) T n-Tetratriacontane (C34)	19.256	5524281	41.345 ug/ml
20) T n-Hexatriacontane (C36)	19.991	4986100	38.966 ug/ml
21) T n-Octatriacontane (C38)	20.710	4856657	39.550 ug/mlm
22) T n-Tetracontane (C40)	21.596	4831999	41.608 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Fri Aug 18 14:31:35 2023

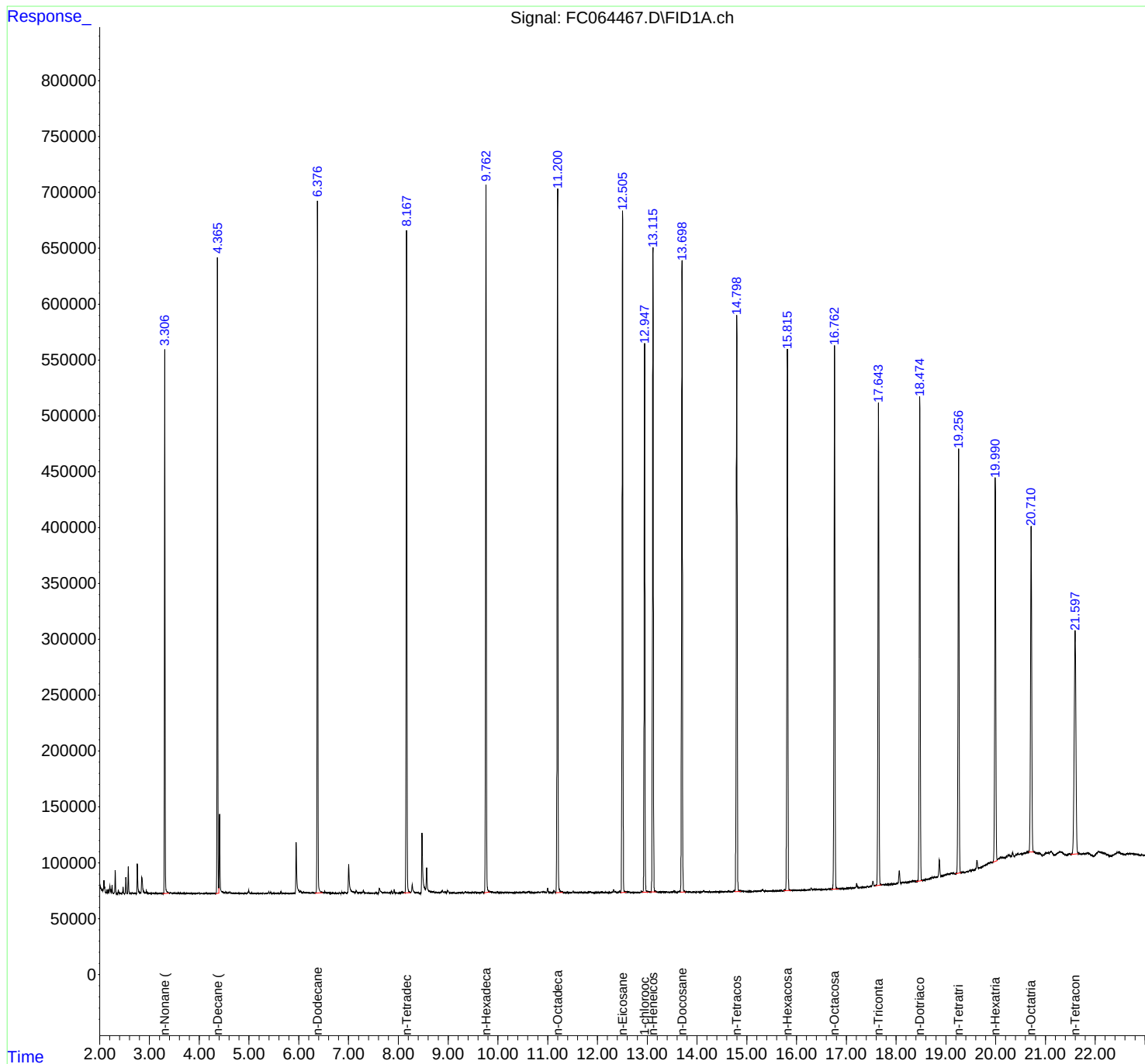
Response via : Initial Calibration

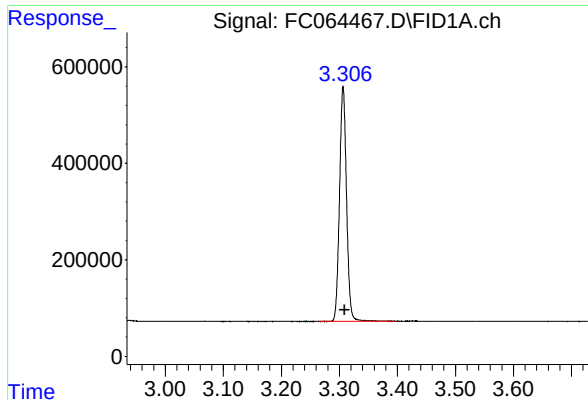
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





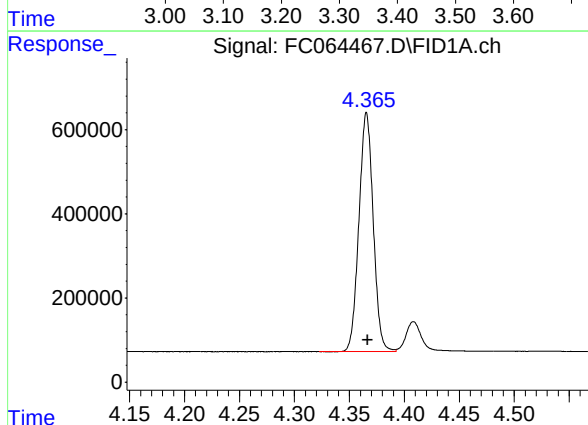
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.002 min
Response: 4089076
Conc: 23.17 ug/ml

Instrument :
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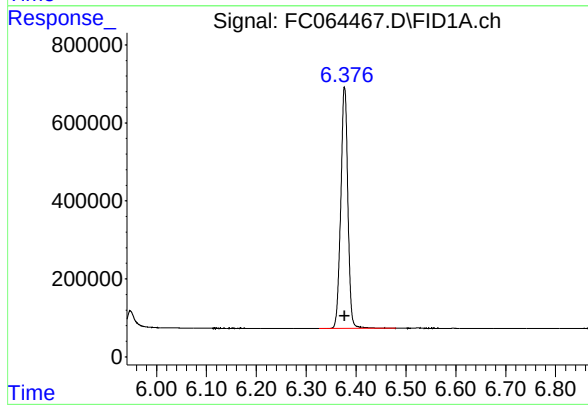
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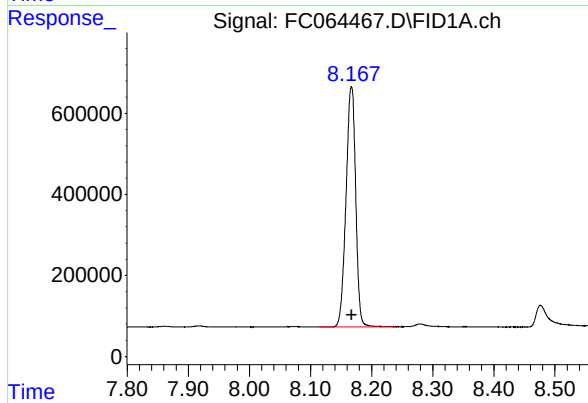
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.001 min
Response: 5150172
Conc: 29.36 ug/ml



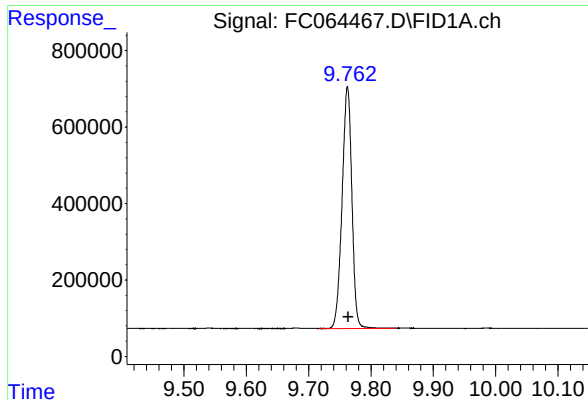
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 6127710
Conc: 34.38 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 6536295
Conc: 37.47 ug/ml



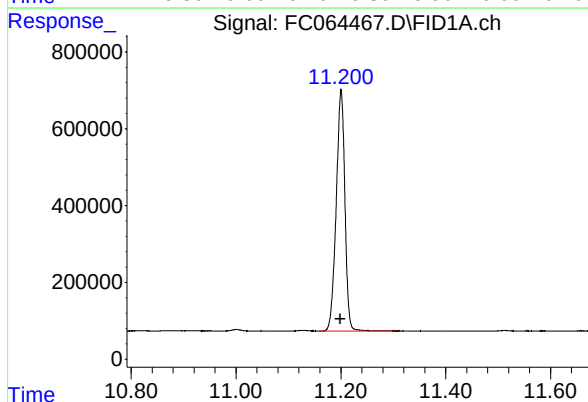
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 6910645
Conc: 39.99 ug/ml

Instrument :
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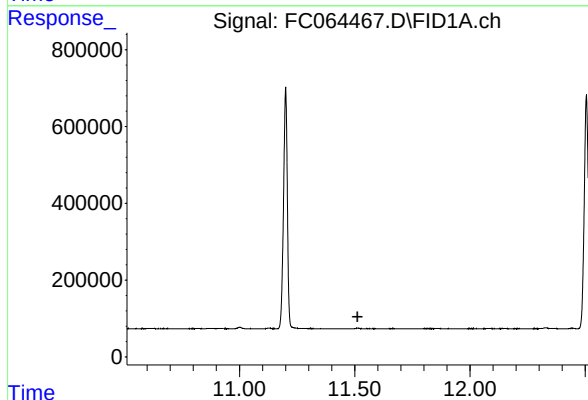
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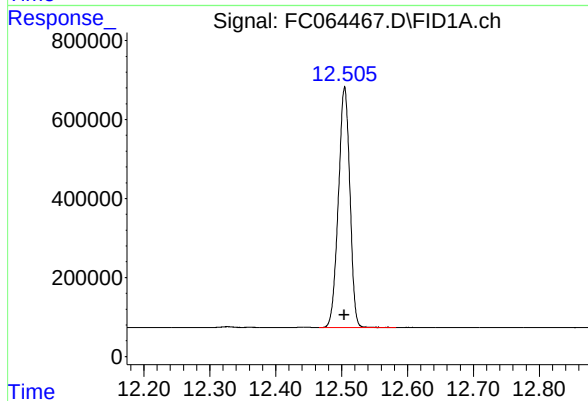
#8 n-Octadecane (C18)

R.T.: 11.200 min
Delta R.T.: 0.002 min
Response: 7233172
Conc: 41.31 ug/ml



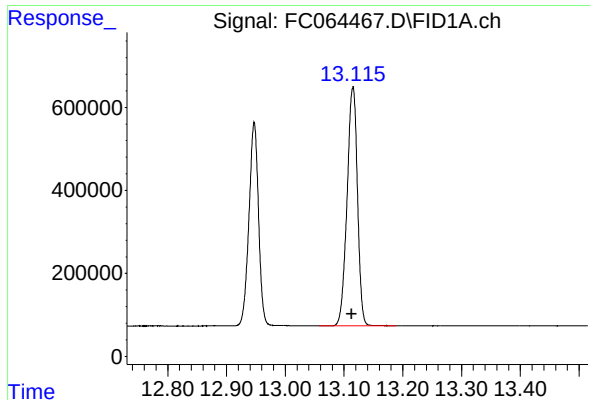
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 7377131
Conc: 43.61 ug/ml



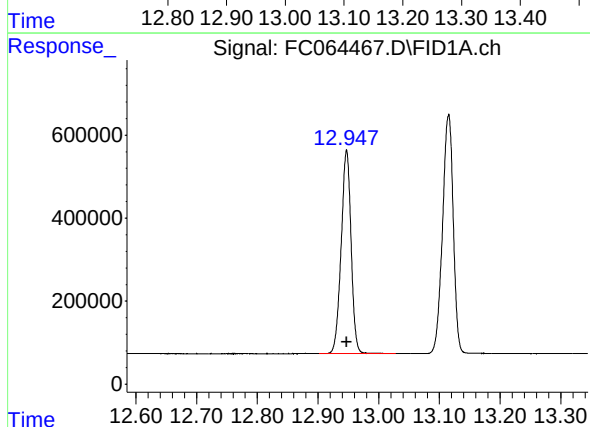
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.002 min
Response: 7077327
Conc: 42.40 ug/ml

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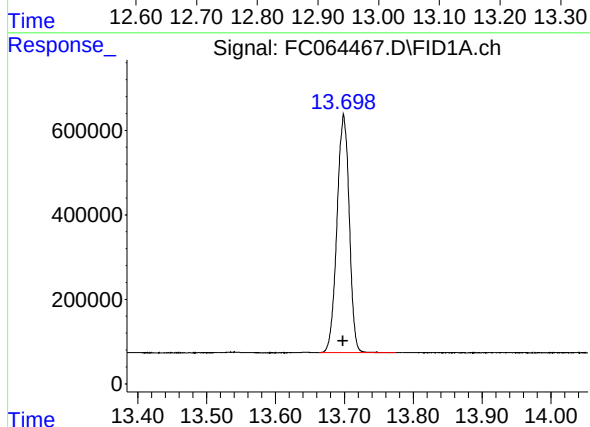
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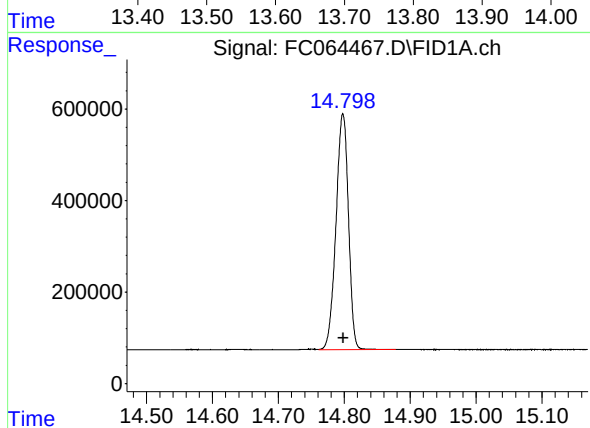
#12 1-chlorooctadecane (SURR)

R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 5559203
Conc: 36.46 ug/ml



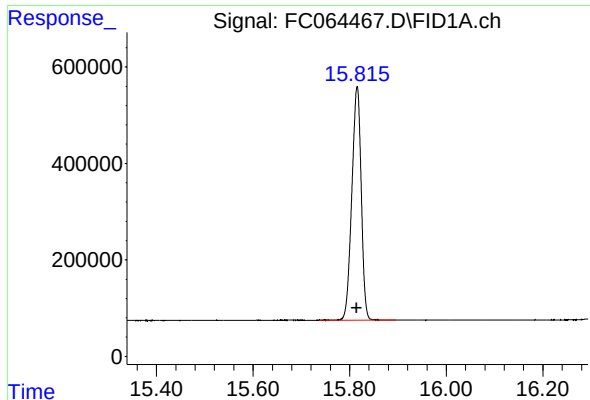
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 6982977
Conc: 42.81 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.000 min
Response: 6769472
Conc: 42.51 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.002 min
Response: 6472937
Conc: 41.90 ug/ml

Instrument :

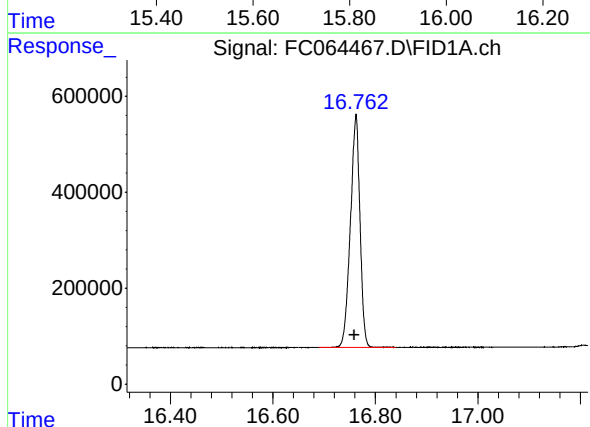
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ClientSampleId :

PB155245BS

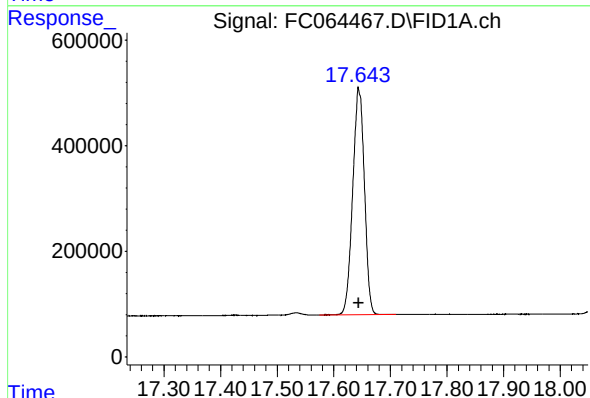
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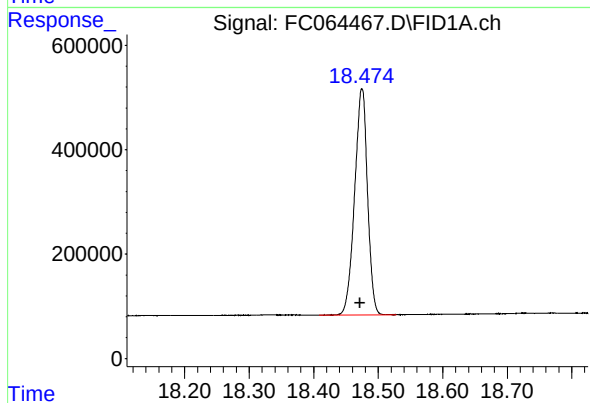
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.003 min
Response: 6291318
Conc: 42.49 ug/ml



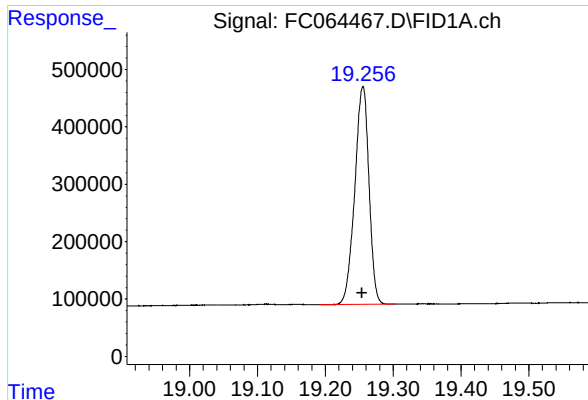
#17 n-Tricontane (C30)

R.T.: 17.644 min
Delta R.T.: 0.000 min
Response: 6180912
Conc: 42.32 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.003 min
Response: 6010093
Conc: 42.55 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.002 min
Response: 5524281
Conc: 41.35 ug/ml

Instrument :

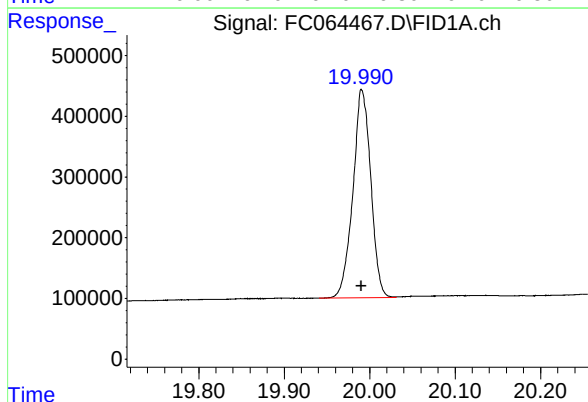
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ClientSampleId :

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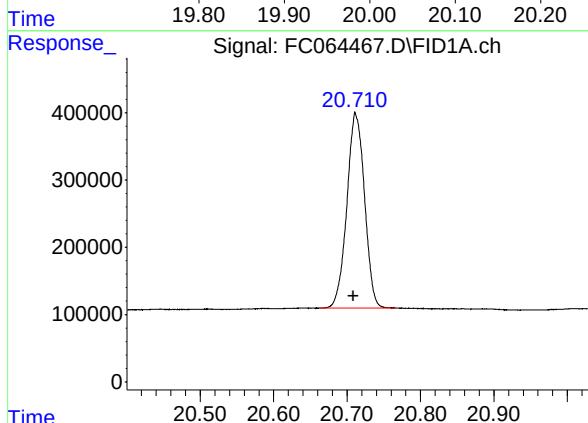
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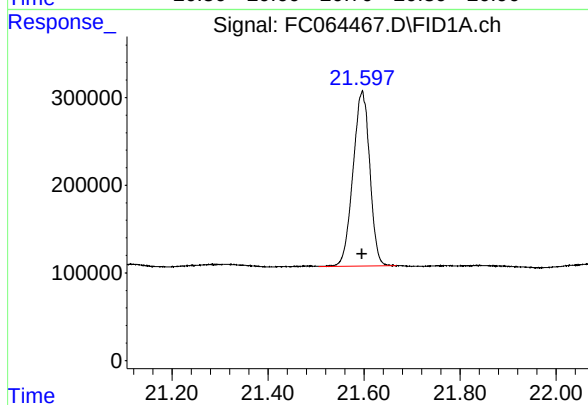
#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: 0.000 min
Response: 4986100
Conc: 38.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.002 min
Response: 4856657
Conc: 39.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 4831999
Conc: 41.61 ug/ml