

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071123AL\
 Data File : FC064097.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2023 15:39
 Operator : YP/AJ
 Sample : PB154030BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154030BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: autoint1.e
 Quant Time: Jul 12 01:58:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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...	12.956	4275756	30.732 ug/ml
Spiked Amount 50.000		Recovery =	61.46%
Target Compounds			
1) T n-Nonane (C9)	3.306	3211245	18.005 ug/ml
2) T n-Decane (C10)	4.369	4003452	22.124 ug/ml
4) T n-Dodecane (C12)	6.381	4829804	26.810 ug/ml
6) T n-Tetradecane (C14)	8.173	5007776	28.948 ug/ml
7) T n-Hexadecane (C16)	9.770	5397542	31.072 ug/ml
8) T n-Octadecane (C18)	11.208	5543412	32.164 ug/ml
10) T n-Eicosane (C20)	12.515	5739392	35.158 ug/ml
11) T n-Heneicosane (C21)	13.124	5547664	34.625 ug/ml
13) T n-Docosane (C22)	13.710	5535250	35.226 ug/ml
14) T n-Tetracosane (C24)	14.809	5438324	34.502 ug/ml
15) T n-Hexacosane (C26)	15.826	5287978	35.000 ug/ml
16) T n-Octacosane (C28)	16.772	5180084	34.378 ug/ml
17) T n-Tricontane (C30)	17.657	5183389	33.200 ug/ml
18) T n-Dotriacontane (C32)	18.486	5113275	32.367 ug/ml
19) T n-Tetratriacontane (C34)	19.266	5091822	33.090 ug/ml
20) T n-Hexatriacontane (C36)	20.003	4912063	33.271 ug/mlm
21) T n-Octatriacontane (C38)	20.727	4904270	33.108 ug/ml
22) T n-Tetracontane (C40)	21.614	4854376	33.304 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB154030BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

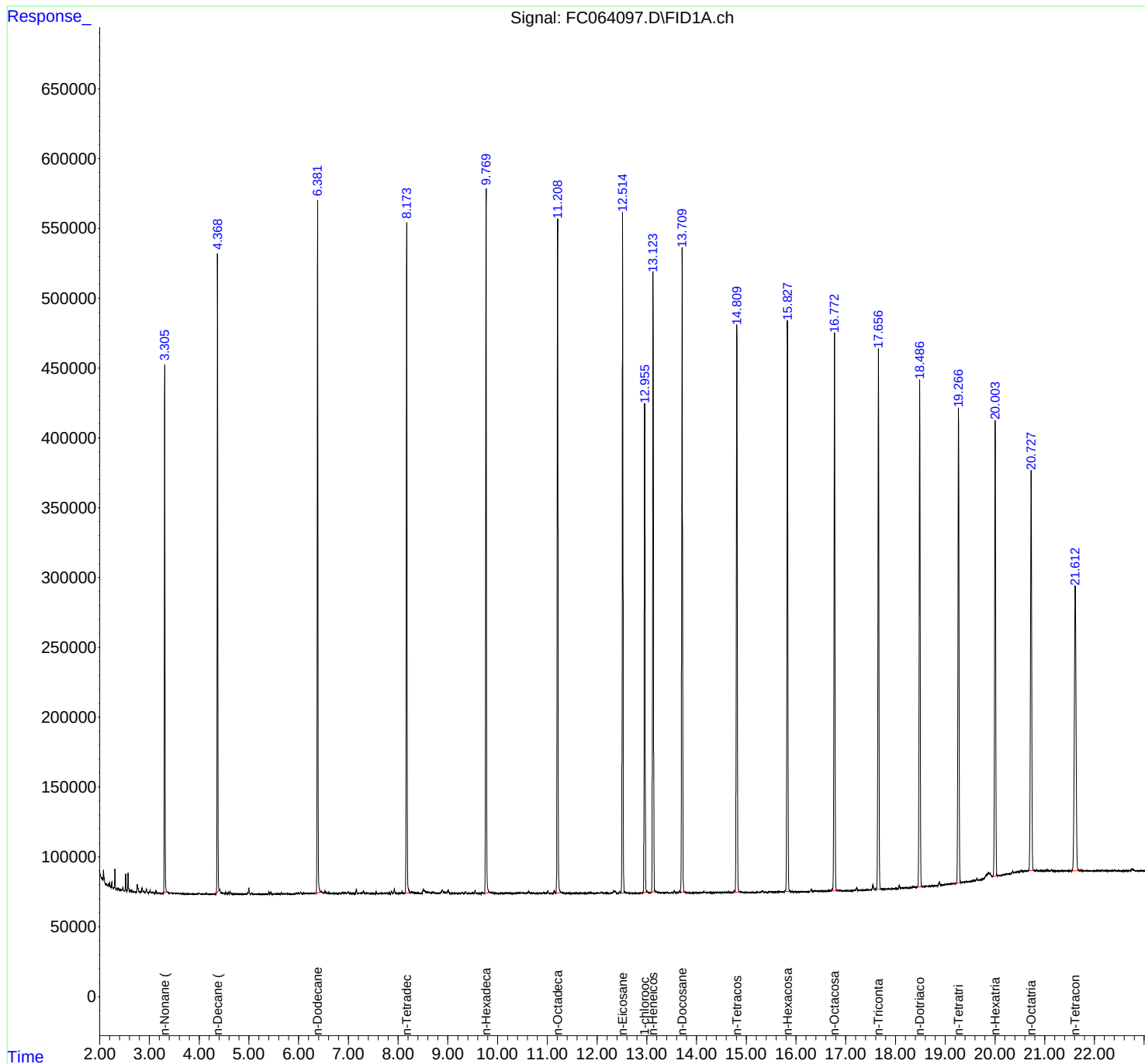
Instrument :
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PB154030BSD

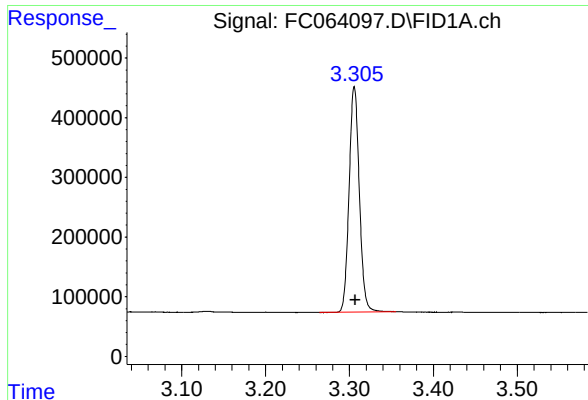
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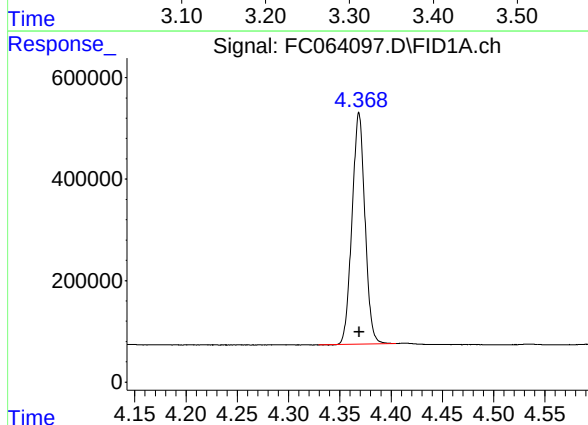
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.001 min
Response: 3211245
Conc: 18.01 ug/ml

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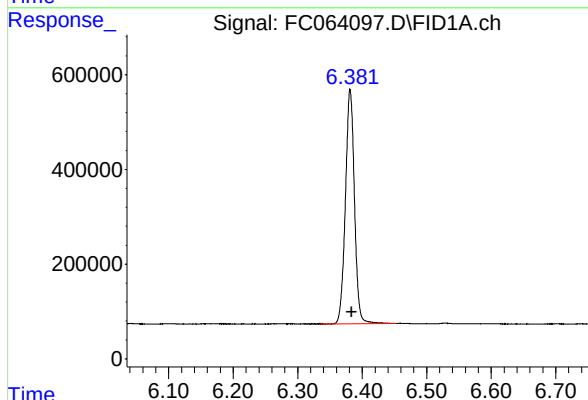
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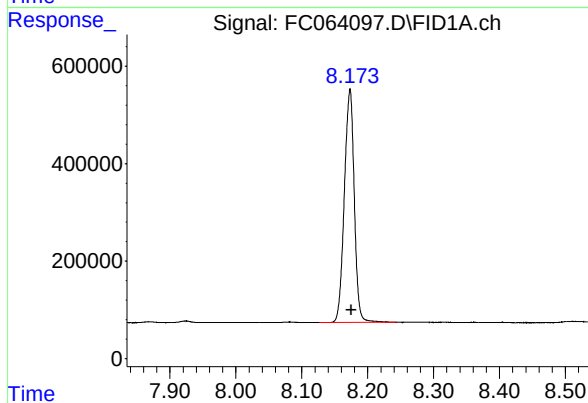
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 4003452
Conc: 22.12 ug/ml



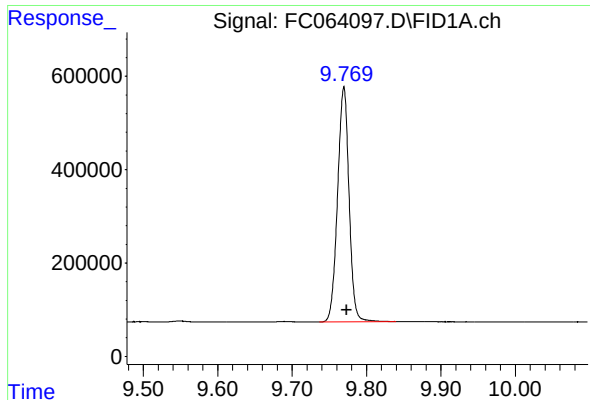
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 4829804
Conc: 26.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 5007776
Conc: 28.95 ug/ml



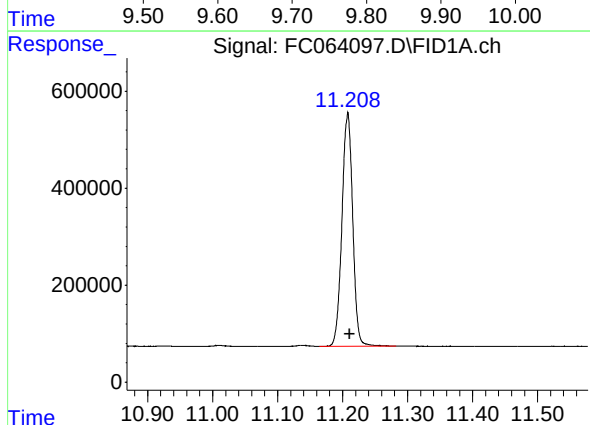
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.004 min
Response: 5397542
Conc: 31.07 ug/ml

Instrument :
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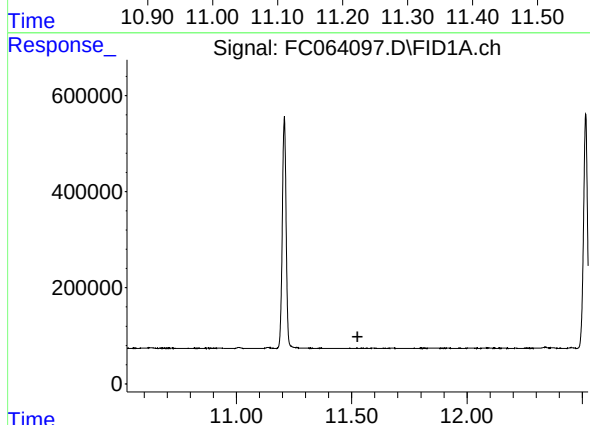
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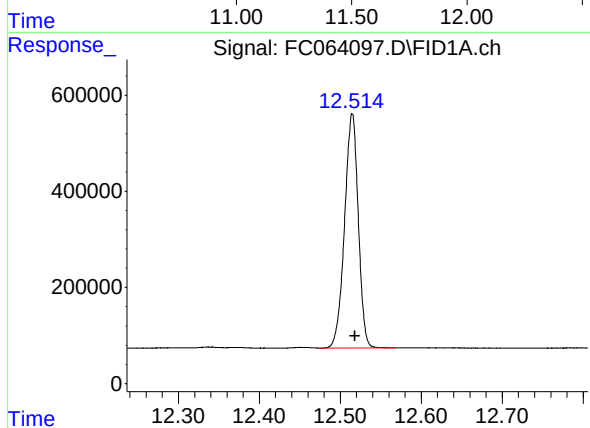
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 5543412
Conc: 32.16 ug/ml



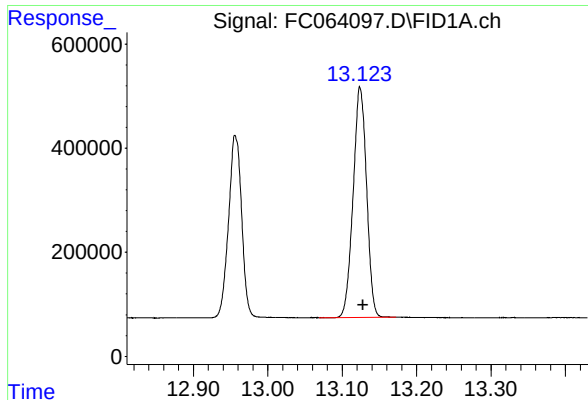
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.525 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 5739392
Conc: 35.16 ug/ml



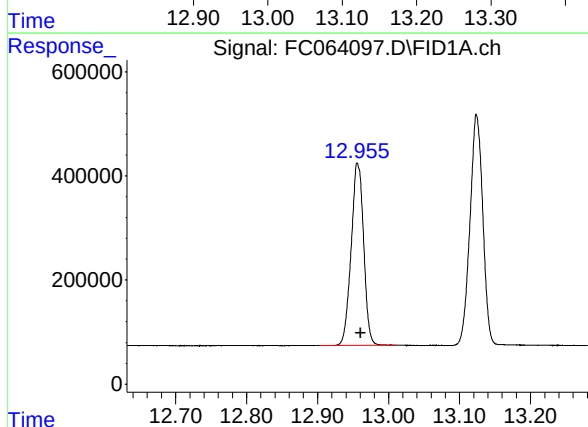
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 5547664
Conc: 34.62 ug/ml

Instrument :
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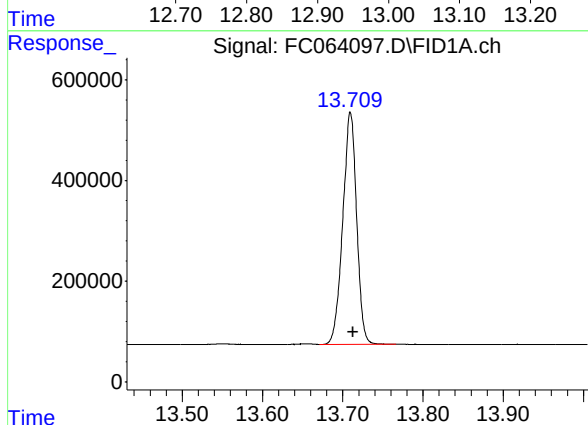
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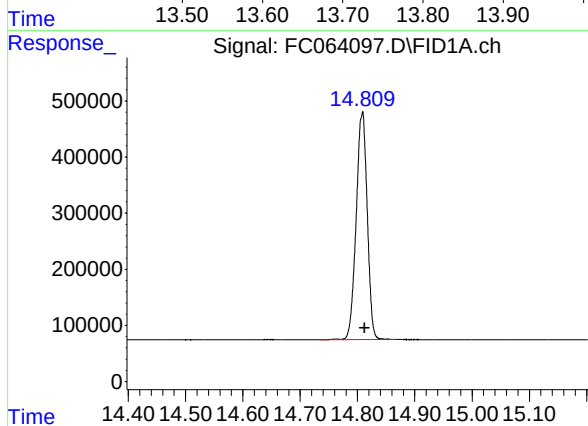
#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.004 min
Response: 4275756
Conc: 30.73 ug/ml



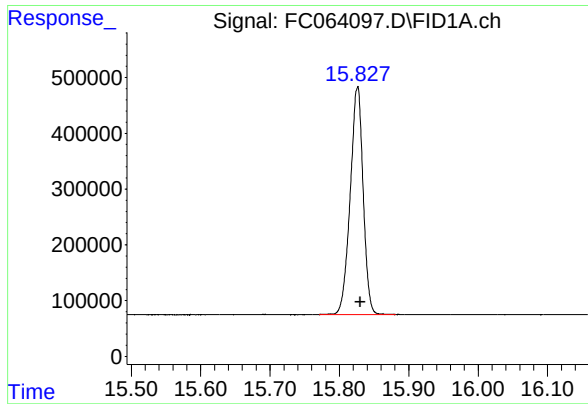
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.003 min
Response: 5535250
Conc: 35.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.809 min
Delta R.T.: -0.004 min
Response: 5438324
Conc: 34.50 ug/ml



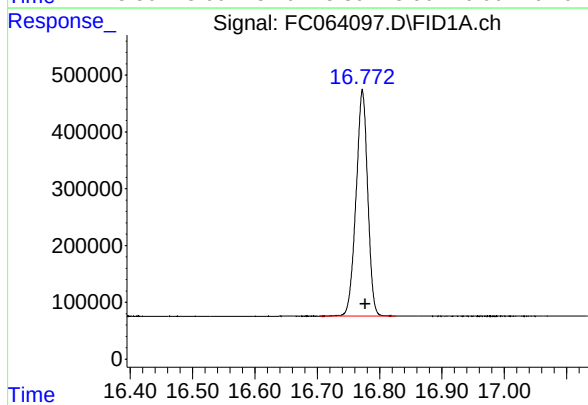
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: -0.004 min
Response: 5287978
Conc: 35.00 ug/ml

Instrument :
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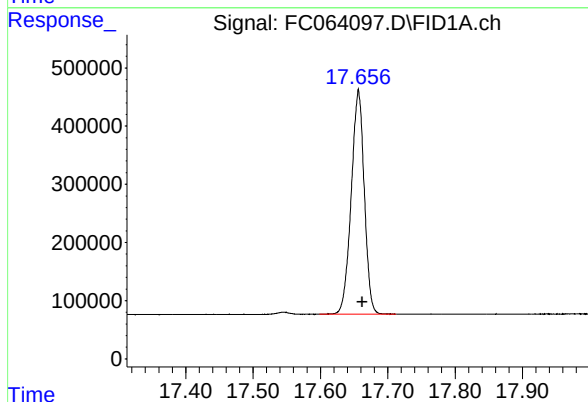
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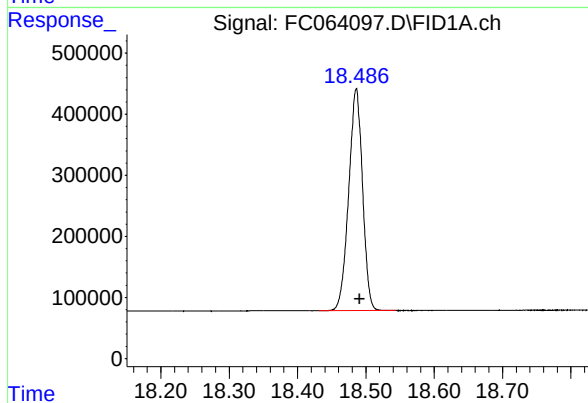
#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: -0.004 min
Response: 5180084
Conc: 34.38 ug/ml



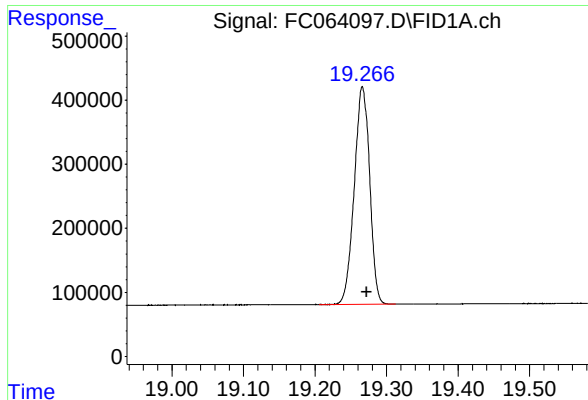
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: -0.006 min
Response: 5183389
Conc: 33.20 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.005 min
Response: 5113275
Conc: 32.37 ug/ml



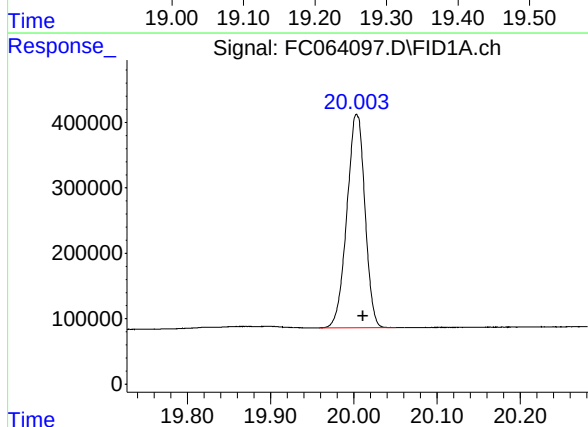
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.006 min
Response: 5091822
Conc: 33.09 ug/ml

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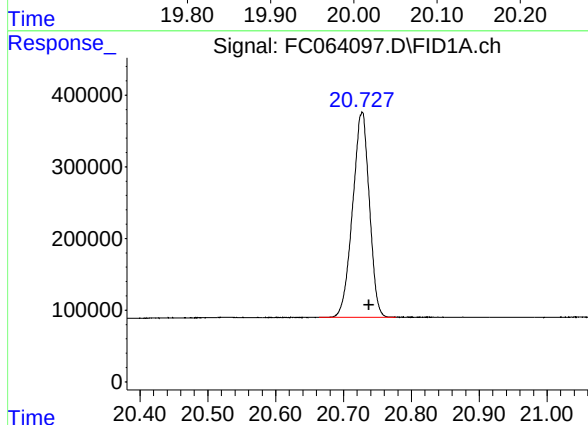
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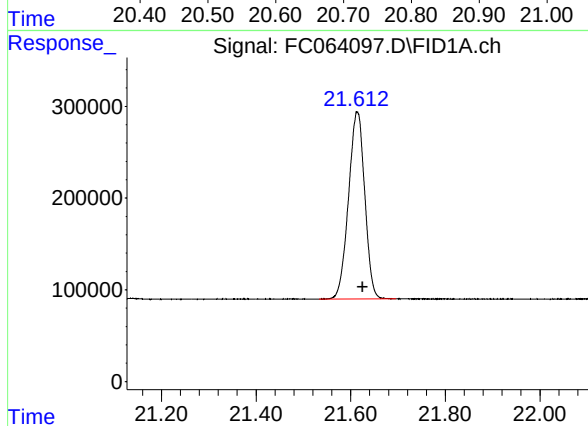
#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: -0.008 min
Response: 4912063
Conc: 33.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.010 min
Response: 4904270
Conc: 33.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.012 min
Response: 4854376
Conc: 33.30 ug/ml