

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071123AL\
 Data File : FC064096.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2023 14:55
 Operator : YP/AJ
 Sample : PB154030BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB154030BS

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 01:58:06 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	4139505	29.753 ug/ml
Spiked Amount 50.000		Recovery =	59.51%
Target Compounds			
1) T n-Nonane (C9)	3.307	3265072	18.307 ug/ml
2) T n-Decane (C10)	4.369	4061469	22.445 ug/ml
4) T n-Dodecane (C12)	6.382	4902794	27.215 ug/ml
6) T n-Tetradecane (C14)	8.173	5079364	29.362 ug/ml
7) T n-Hexadecane (C16)	9.770	5437884	31.304 ug/ml
8) T n-Octadecane (C18)	11.208	5557613	32.247 ug/ml
10) T n-Eicosane (C20)	12.514	5719407	35.035 ug/ml
11) T n-Heneicosane (C21)	13.124	5524454	34.480 ug/ml
13) T n-Docosane (C22)	13.709	5510671	35.069 ug/ml
14) T n-Tetracosane (C24)	14.808	5409453	34.319 ug/ml
15) T n-Hexacosane (C26)	15.824	5307154	35.127 ug/ml
16) T n-Octacosane (C28)	16.772	5215008	34.609 ug/ml
17) T n-Tricontane (C30)	17.656	5237216	33.545 ug/ml
18) T n-Dotriacontane (C32)	18.485	5181382	32.798 ug/ml
19) T n-Tetratriacontane (C34)	19.267	5163392	33.555 ug/ml
20) T n-Hexatriacontane (C36)	20.004	4997226	33.848 ug/mlm
21) T n-Octatriacontane (C38)	20.728	4989237	33.682 ug/ml
22) T n-Tetracontane (C40)	21.616	4934824	33.856 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

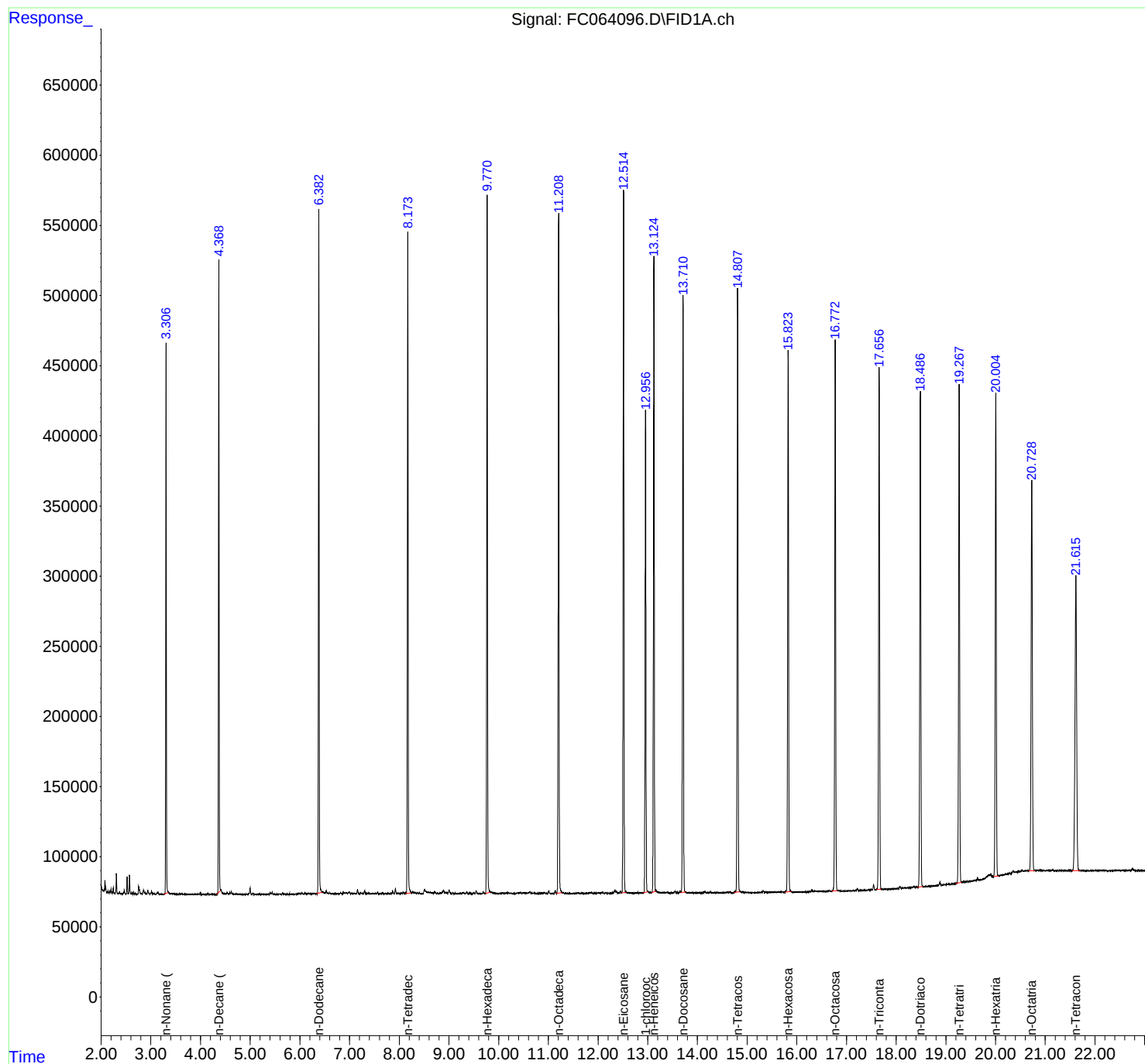
Instrument :
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PB154030BS

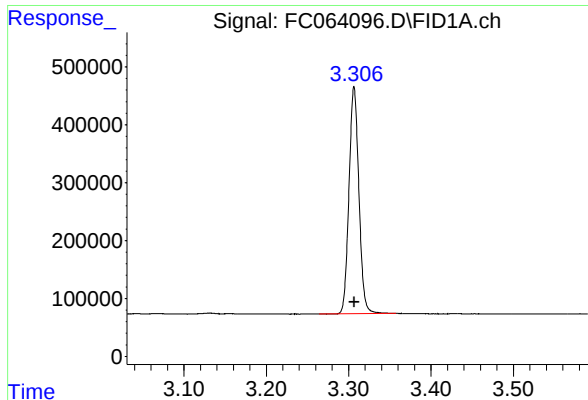
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





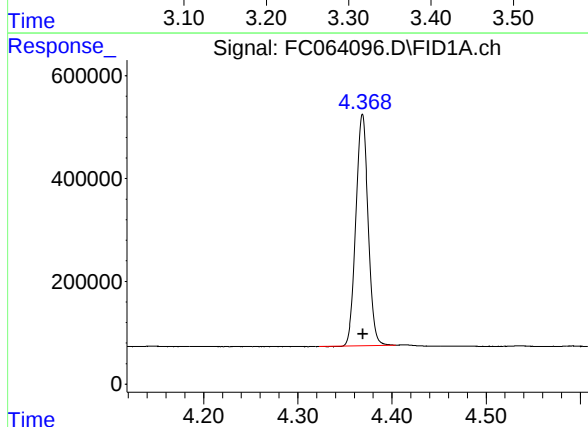
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: 0.000 min
Response: 3265072
Conc: 18.31 ug/ml

Instrument :
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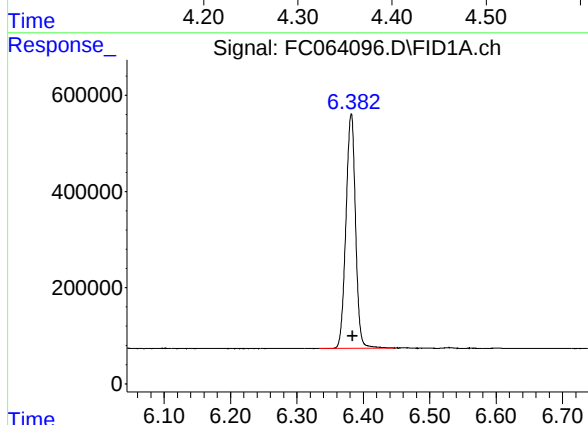
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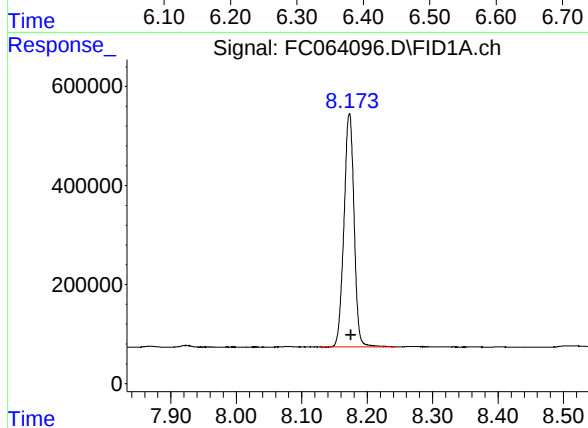
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 4061469
Conc: 22.44 ug/ml



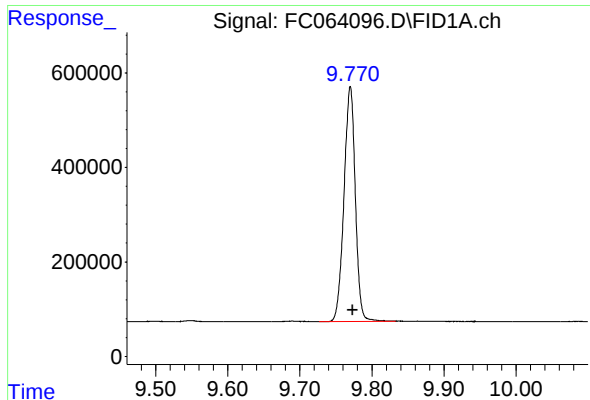
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 4902794
Conc: 27.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 5079364
Conc: 29.36 ug/ml



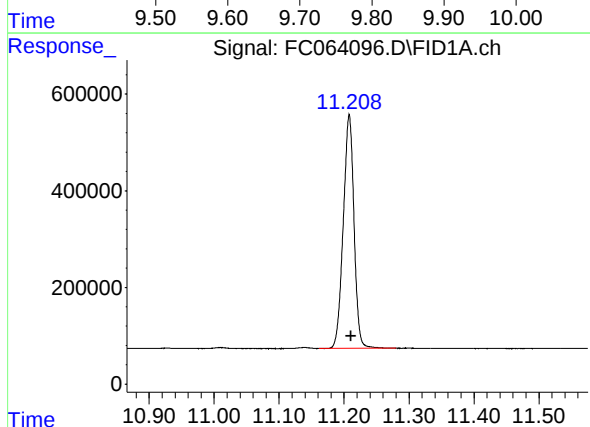
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 5437884
Conc: 31.30 ug/ml

Instrument :
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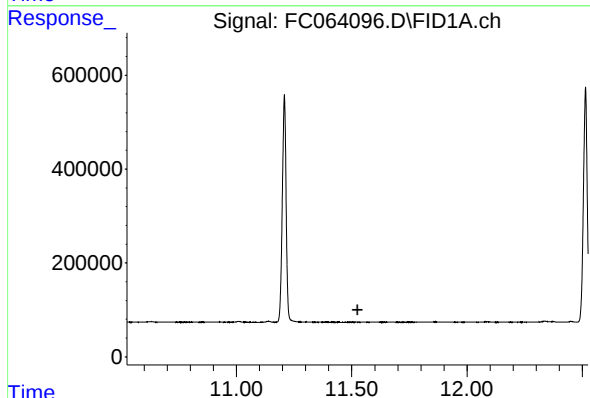
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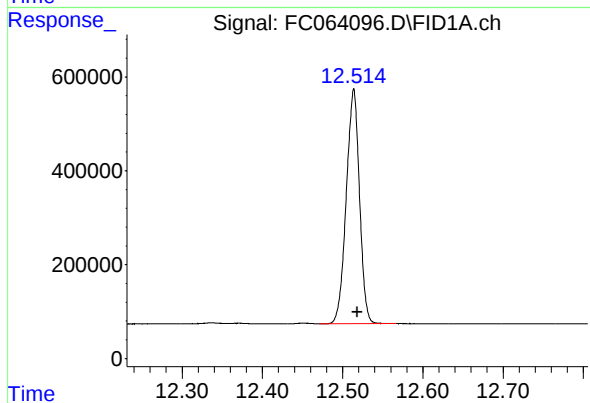
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 5557613
Conc: 32.25 ug/ml



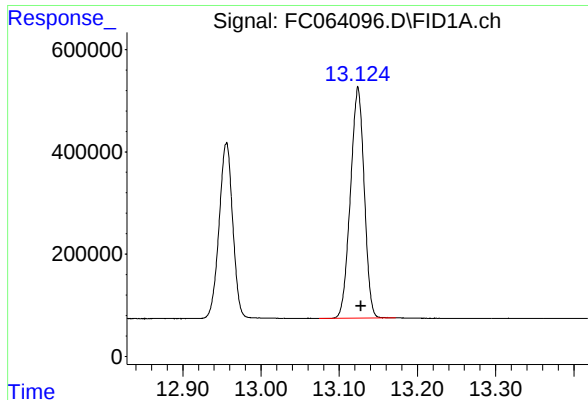
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 5719407
Conc: 35.04 ug/ml



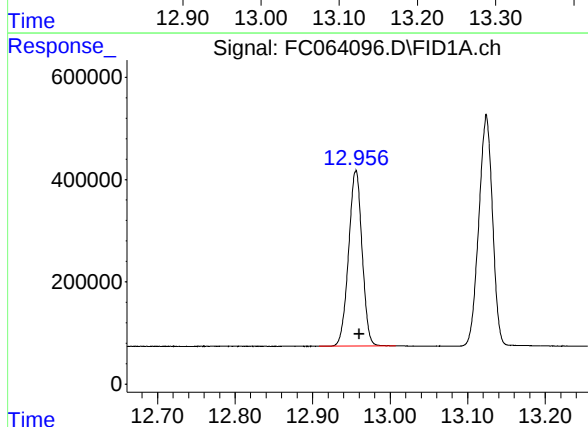
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 5524454
Conc: 34.48 ug/ml

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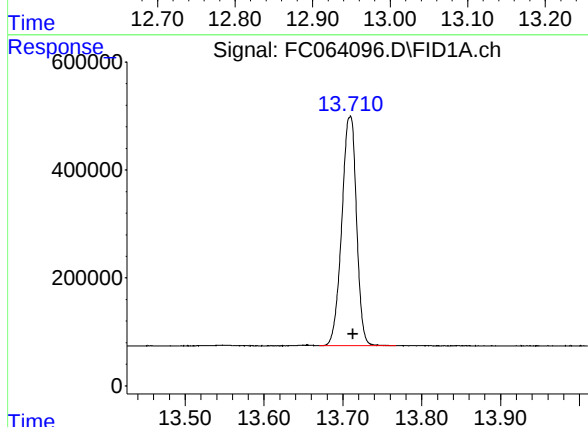
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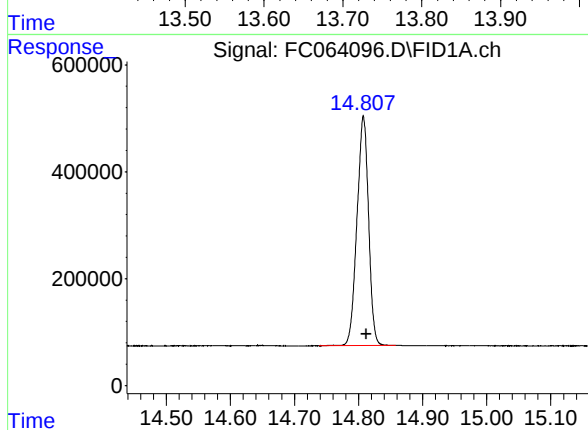
#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 4139505
Conc: 29.75 ug/ml



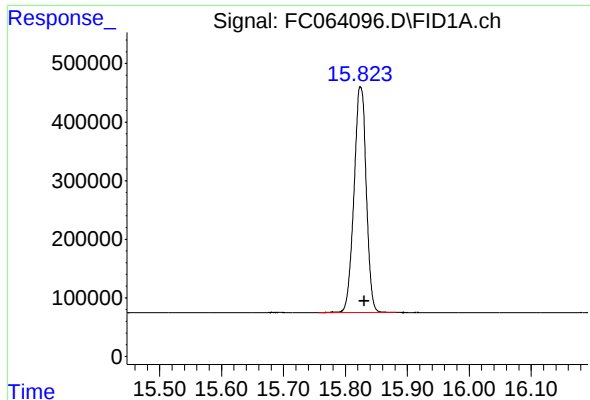
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.003 min
Response: 5510671
Conc: 35.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.005 min
Response: 5409453
Conc: 34.32 ug/ml



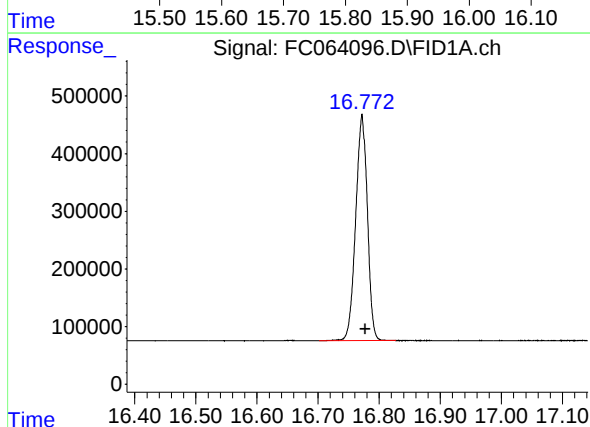
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: -0.006 min
Response: 5307154
Conc: 35.13 ug/ml

Instrument :
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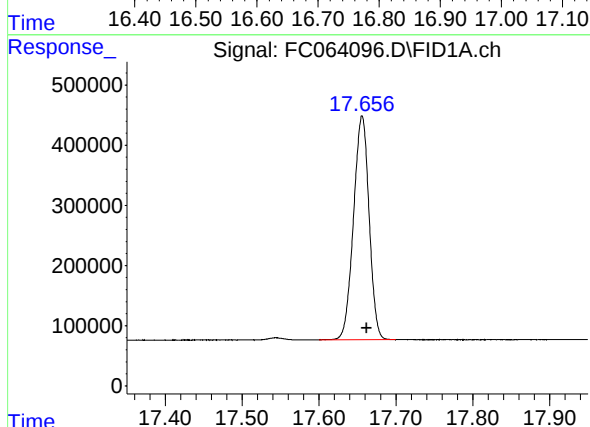
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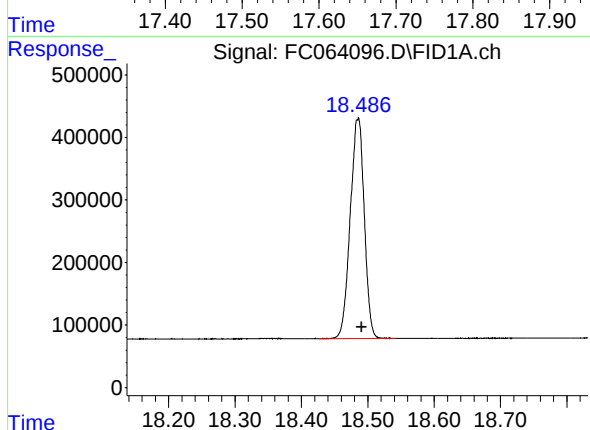
#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: -0.005 min
Response: 5215008
Conc: 34.61 ug/ml



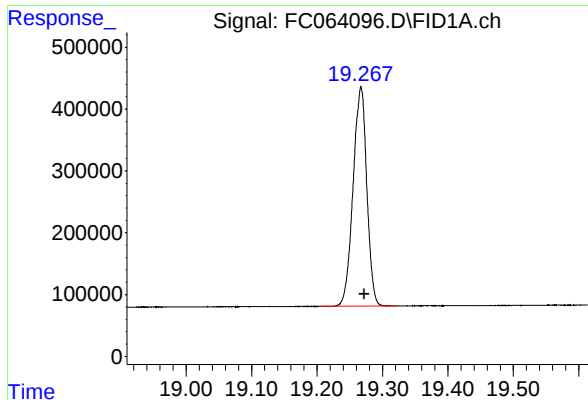
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: -0.006 min
Response: 5237216
Conc: 33.54 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: -0.005 min
Response: 5181382
Conc: 32.80 ug/ml



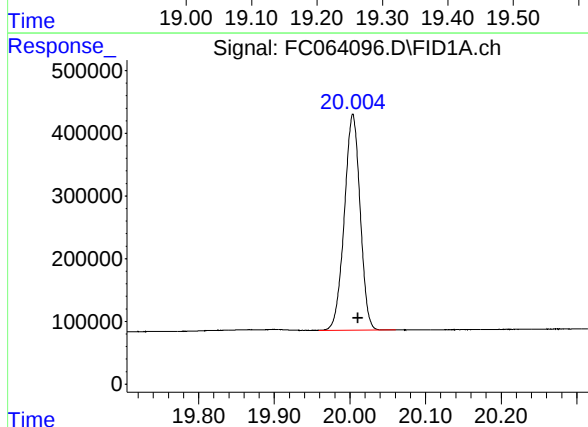
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.005 min
Response: 5163392
Conc: 33.55 ug/ml

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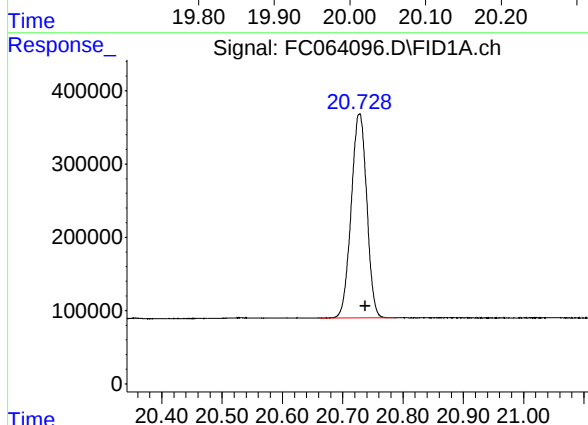
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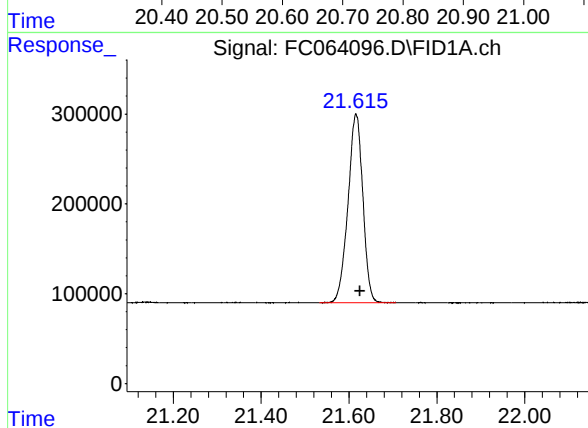
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.007 min
Response: 4997226
Conc: 33.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.010 min
Response: 4989237
Conc: 33.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.009 min
Response: 4934824
Conc: 33.86 ug/ml