

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092724AL\
 Data File : FC067303.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 17:52
 Operator : YP/AJ
 Sample : PB163739BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB163739BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/30/2024

Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e

Quant Time: Sep 28 01:58:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 2024

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...	12.939	3566959	36.515 ug/ml
Spiked Amount 50.000		Recovery =	73.03%
Target Compounds			
1) T n-Nonane (C9)	3.275	4234714	31.925 ug/ml
2) T n-Decane (C10)	4.340	5217031	38.844 ug/ml
4) T n-Dodecane (C12)	6.357	5710067	42.658 ug/ml
6) T n-Tetradecane (C14)	8.150	6090954	47.262 ug/ml
7) T n-Hexadecane (C16)	9.750	6519834	50.570 ug/ml
8) T n-Octadecane (C18)	11.190	6811333	53.238 ug/ml
10) T n-Eicosane (C20)	12.498	7055961	58.744 ug/ml
11) T n-Heneicosane (C21)	13.109	6790212	58.139 ug/ml
13) T n-Docosane (C22)	13.695	6712264	58.135 ug/ml
14) T n-Tetracosane (C24)	14.797	6598668	58.106 ug/ml
15) T n-Hexacosane (C26)	15.816	6391122	57.667 ug/ml
16) T n-Octacosane (C28)	16.764	6246518	57.828 ug/ml
17) T n-Tricontane (C30)	17.651	6284805	57.778 ug/ml
18) T n-Dotriacontane (C32)	18.481	6210407	59.540 ug/mlm
19) T n-Tetratriacontane (C34)	19.265	6032270	65.384 ug/ml
20) T n-Hexatriacontane (C36)	20.004	5624106	70.969 ug/ml
21) T n-Octatriacontane (C38)	20.729	5227713	69.595 ug/ml
22) T n-Tetracontane (C40)	21.616	4360556	62.414 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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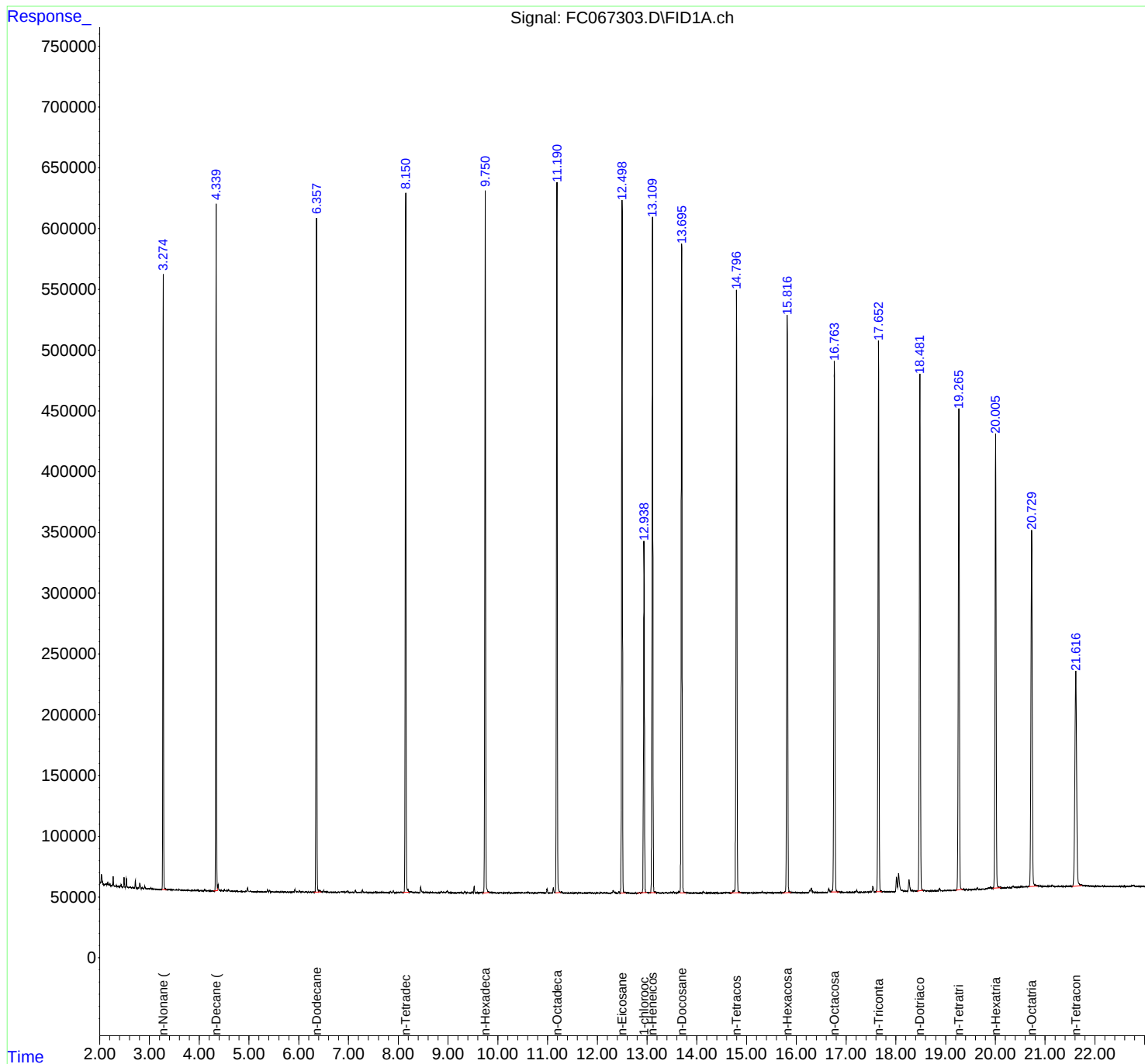
Response via : Initial Calibration

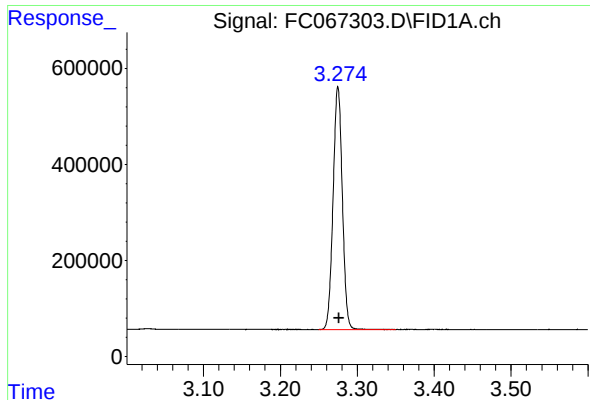
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.001 min
Response: 4234714
Conc: 31.92 ug/ml

Instrument :

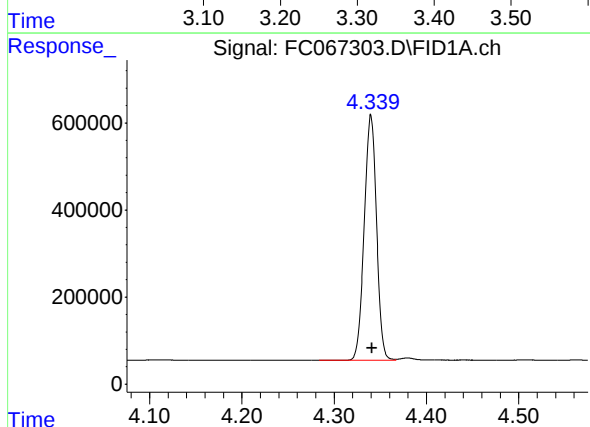
FID_C

ClientSampleId :

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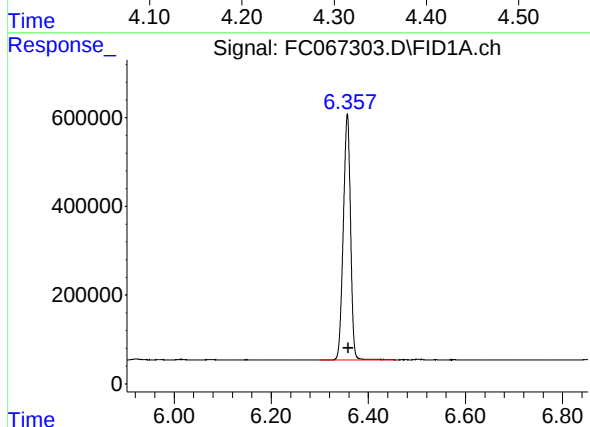
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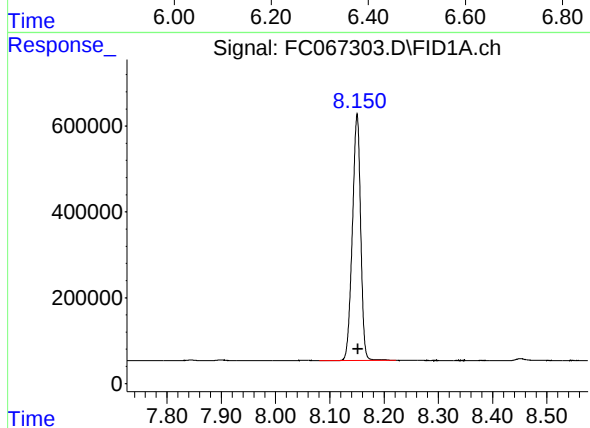
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: -0.001 min
Response: 5217031
Conc: 38.84 ug/ml



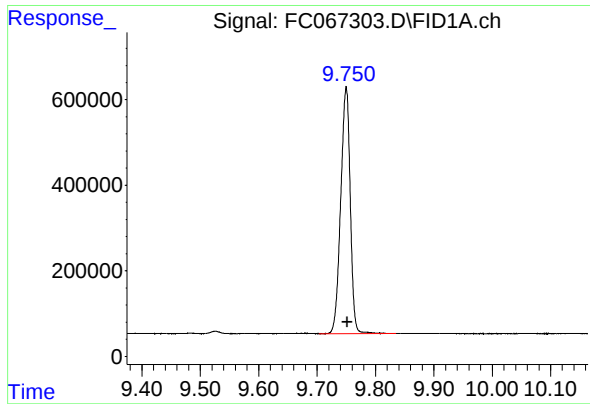
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: -0.002 min
Response: 5710067
Conc: 42.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 6090954
Conc: 47.26 ug/ml



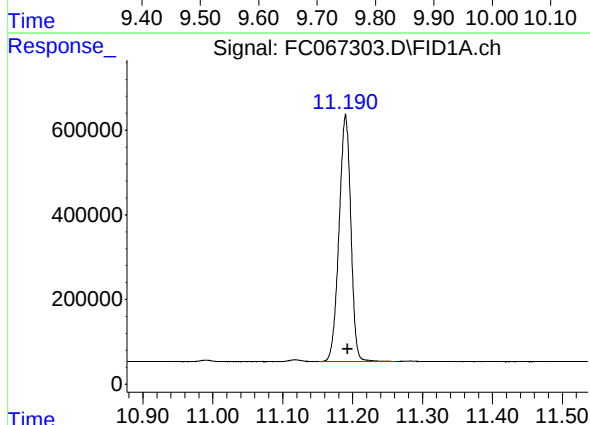
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.002 min
Response: 6519834
Conc: 50.57 ug/ml

Instrument :
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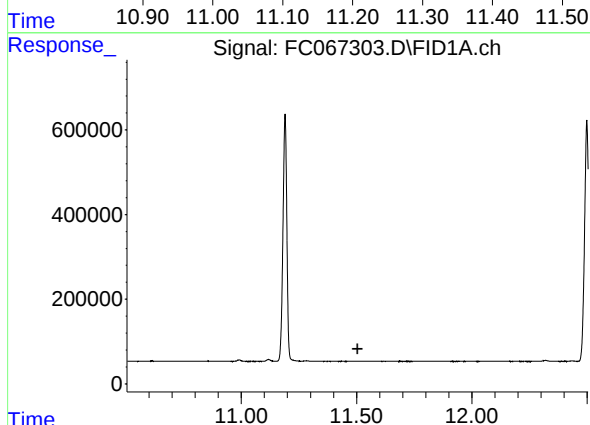
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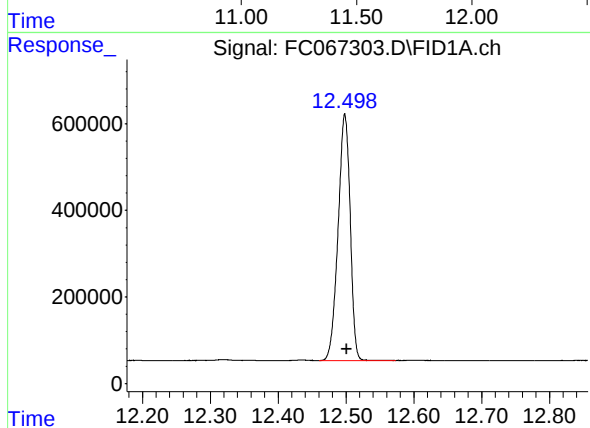
#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: -0.003 min
Response: 6811333
Conc: 53.24 ug/ml



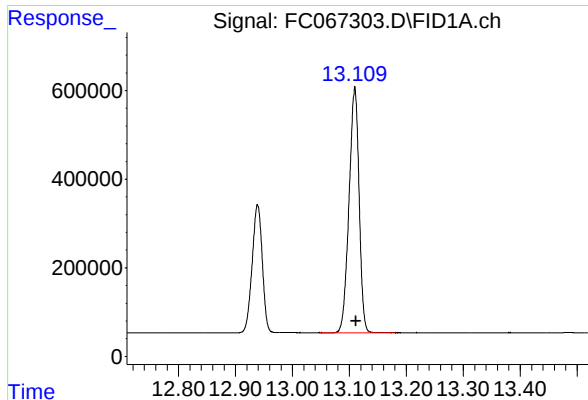
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.504 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.003 min
Response: 7055961
Conc: 58.74 ug/ml



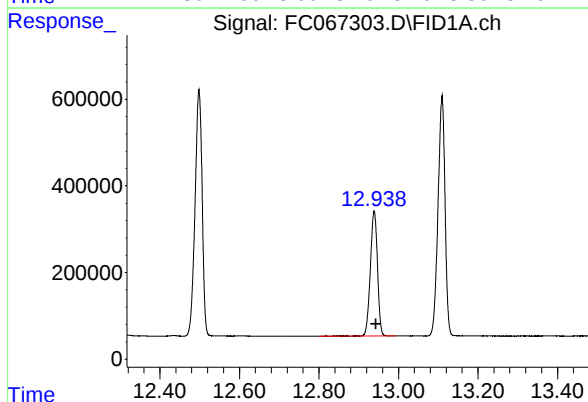
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.002 min
Response: 6790212
Conc: 58.14 ug/ml

Instrument :
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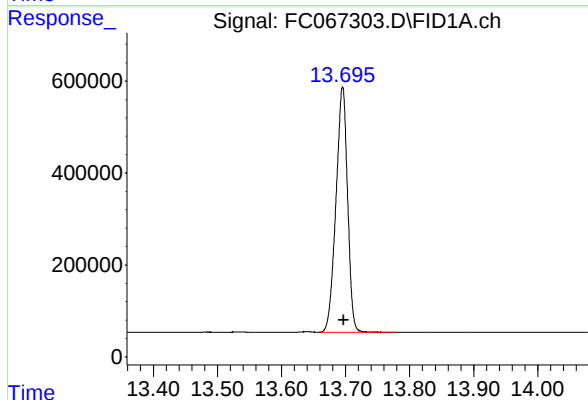
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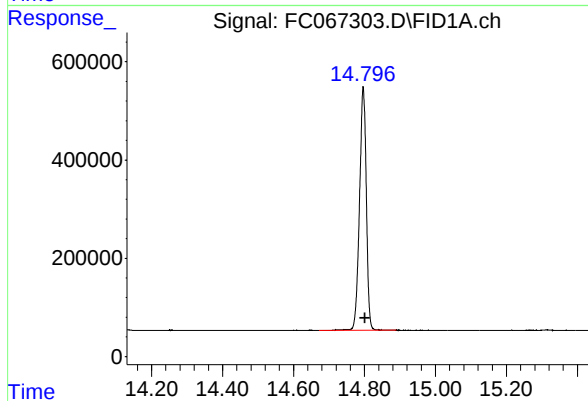
#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.005 min
Response: 3566959
Conc: 36.51 ug/ml



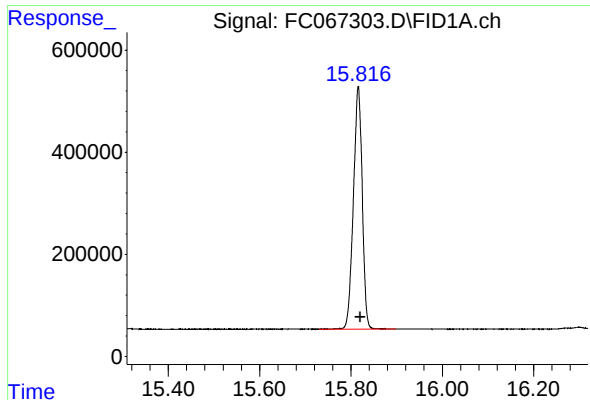
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: -0.002 min
Response: 6712264
Conc: 58.14 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.004 min
Response: 6598668
Conc: 58.11 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.004 min
Response: 6391122
Conc: 57.67 ug/ml

Instrument :

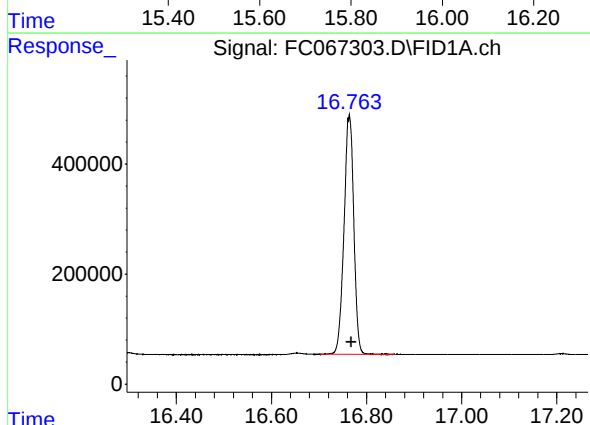
FID_C

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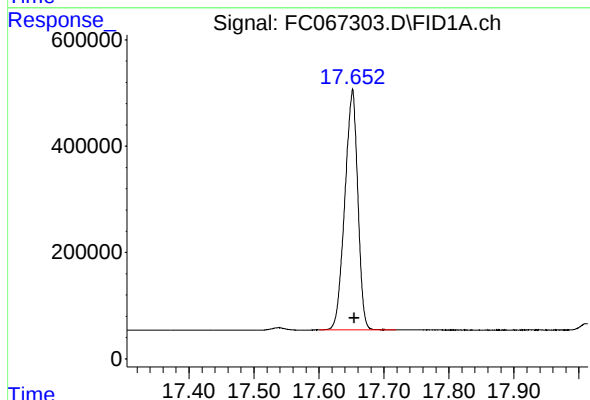
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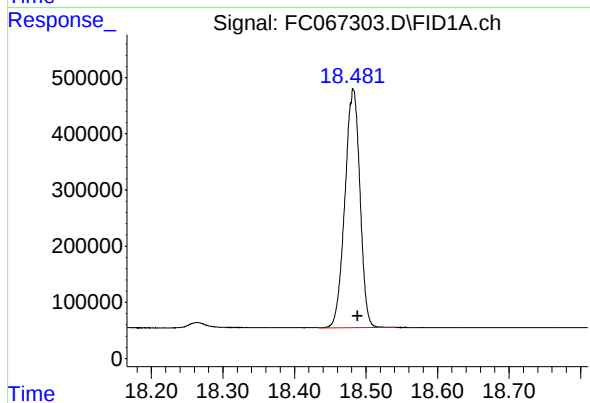
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: -0.004 min
Response: 6246518
Conc: 57.83 ug/ml



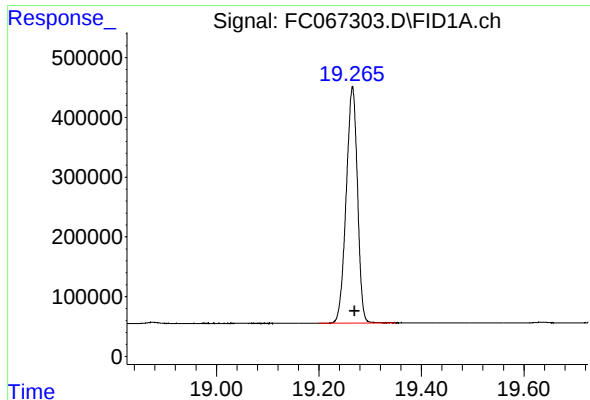
#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: -0.003 min
Response: 6284805
Conc: 57.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: -0.007 min
Response: 6210407
Conc: 59.54 ug/ml m



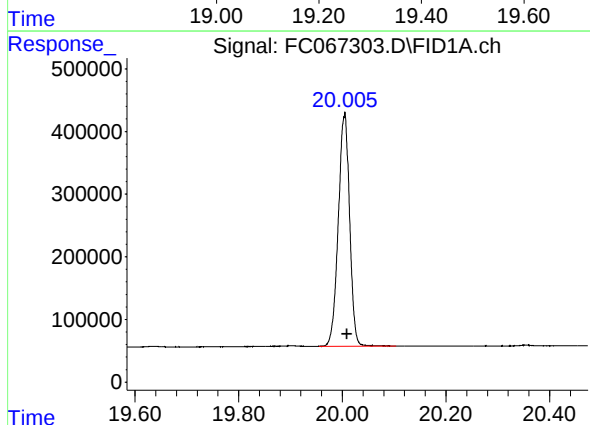
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.004 min
Response: 6032270
Conc: 65.38 ug/ml

Instrument :
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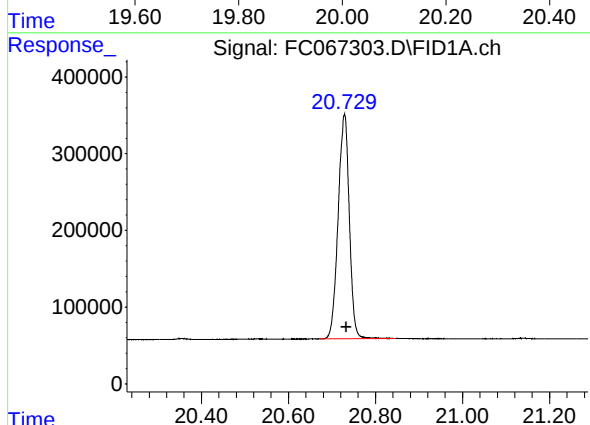
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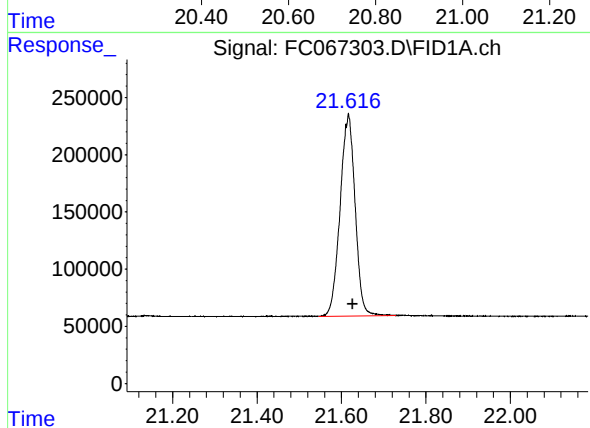
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 5624106
Conc: 70.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.005 min
Response: 5227713
Conc: 69.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.011 min
Response: 4360556
Conc: 62.41 ug/ml m