

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101424AL\
 Data File : FC067438.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 21:35
 Operator : YP/AJ
 Sample : P4397-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WB-301-BOTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 04:32:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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...	12.940	3859946	34.100 ug/mlm
Spiked Amount 50.000		Recovery =	68.20%
Target Compounds			
1) T n-Nonane (C9)	3.276	3331529	26.282 ug/ml
2) T n-Decane (C10)	4.342	4112515	31.993 ug/ml
4) T n-Dodecane (C12)	6.358	4803756	37.020 ug/ml
6) T n-Tetradecane (C14)	8.151	5349492	41.534 ug/ml
7) T n-Hexadecane (C16)	9.750	5588084	41.978 ug/ml
8) T n-Octadecane (C18)	11.191	5727459	42.237 ug/ml
10) T n-Eicosane (C20)	12.499	5740423	43.964 ug/ml
11) T n-Heneicosane (C21)	13.110	5477882	42.710 ug/ml
13) T n-Docosane (C22)	13.695	5452436	42.701 ug/ml
14) T n-Tetracosane (C24)	14.796	5340520	41.758 ug/ml
15) T n-Hexacosane (C26)	15.816	5259717	41.715 ug/ml
16) T n-Octacosane (C28)	16.765	5172046	41.169 ug/ml
17) T n-Tricontane (C30)	17.652	5205404	40.407 ug/ml
18) T n-Dotriacontane (C32)	18.484	5174428	41.419 ug/ml
19) T n-Tetratriacontane (C34)	19.267	5194139	47.532 ug/ml
20) T n-Hexatriacontane (C36)	20.005	5181927	54.825 ug/ml
21) T n-Octatriacontane (C38)	20.731	5226241	59.592 ug/ml
22) T n-Tetracontane (C40)	21.618	5254376	61.063 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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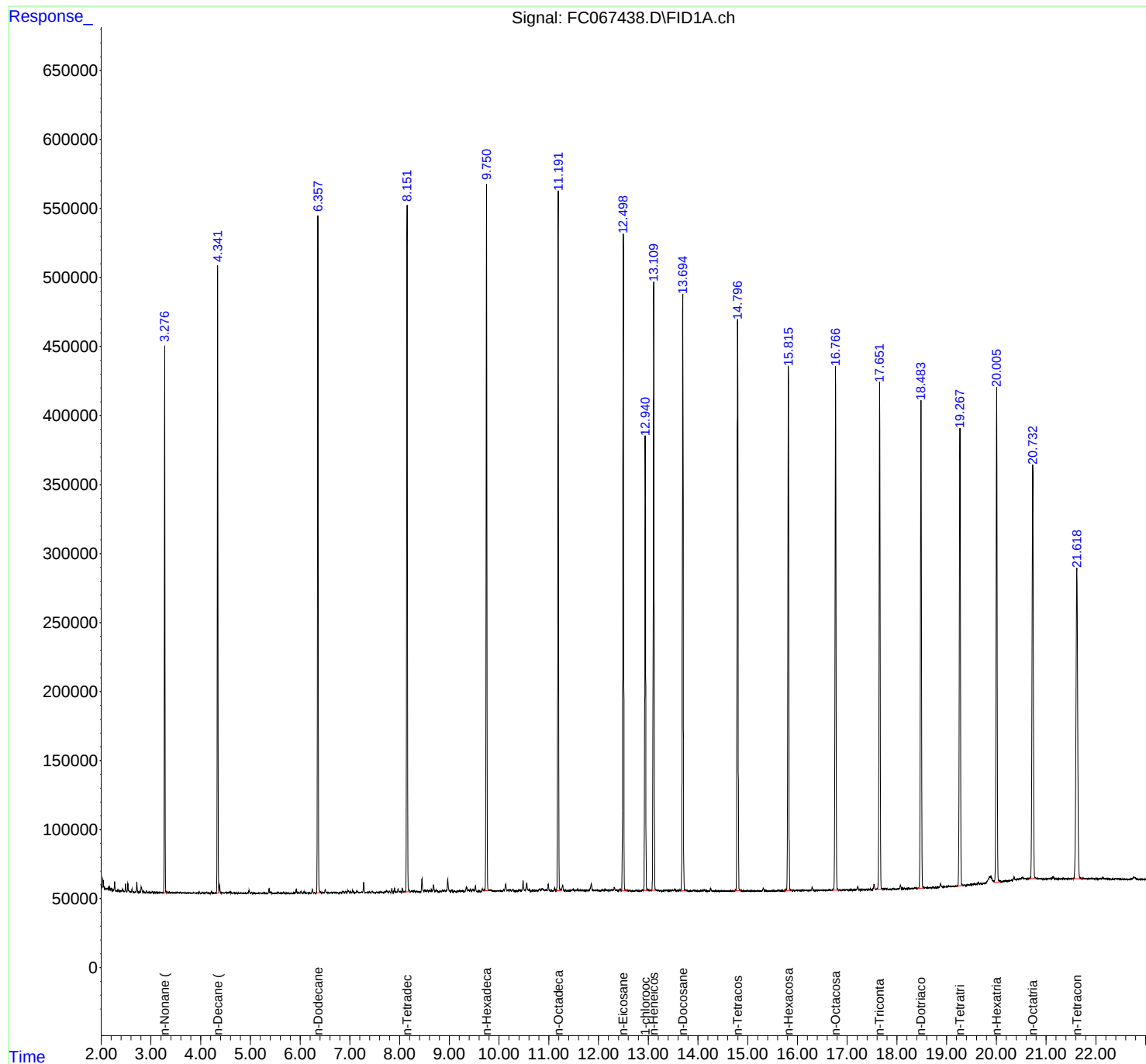
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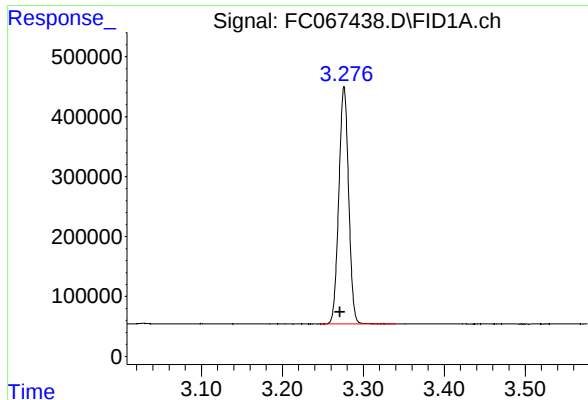
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#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 3331529
Conc: 26.28 ug/ml

Instrument :

FID_C

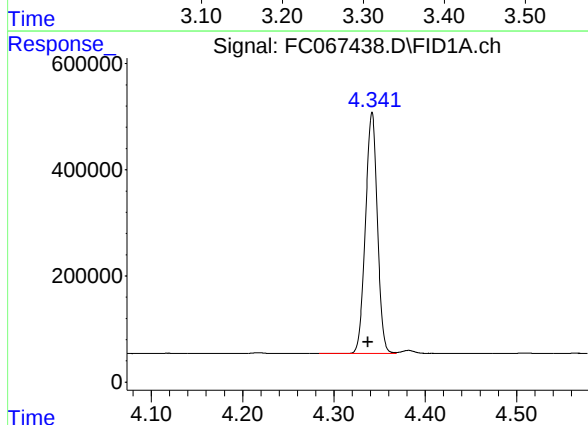
ClientSampleId :

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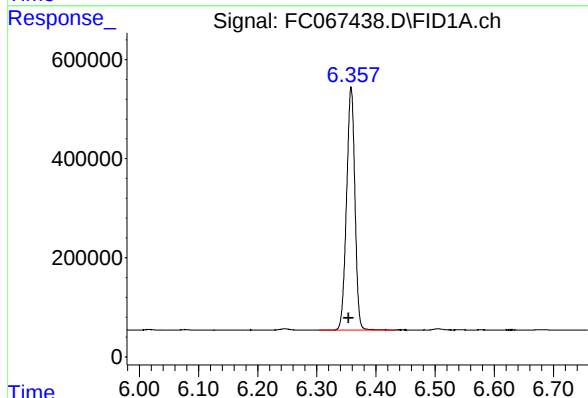
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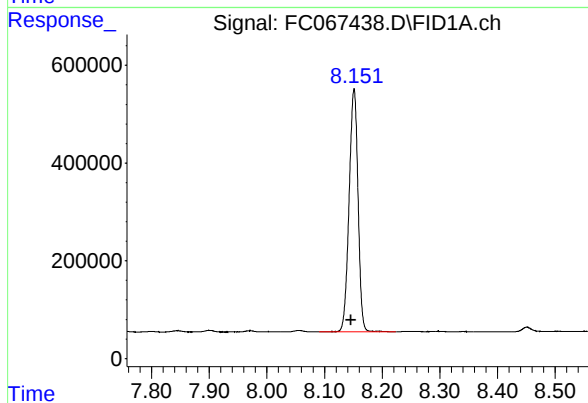
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.004 min
Response: 4112515
Conc: 31.99 ug/ml



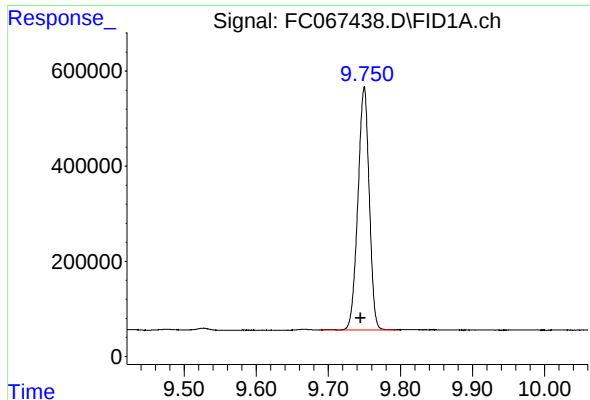
#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.005 min
Response: 4803756
Conc: 37.02 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.005 min
Response: 5349492
Conc: 41.53 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.005 min
Response: 5588084
Conc: 41.98 ug/ml

Instrument :

FID_C

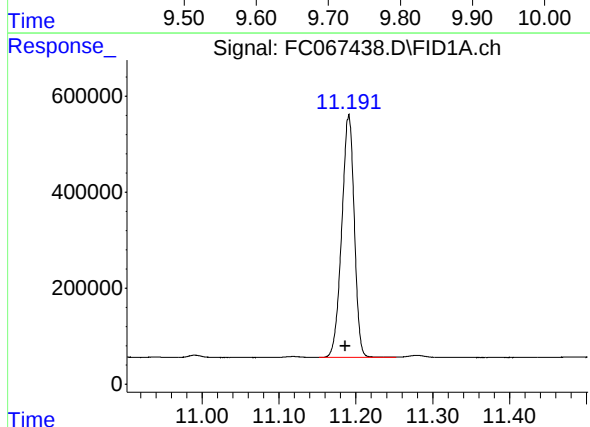
ClientSampleId :

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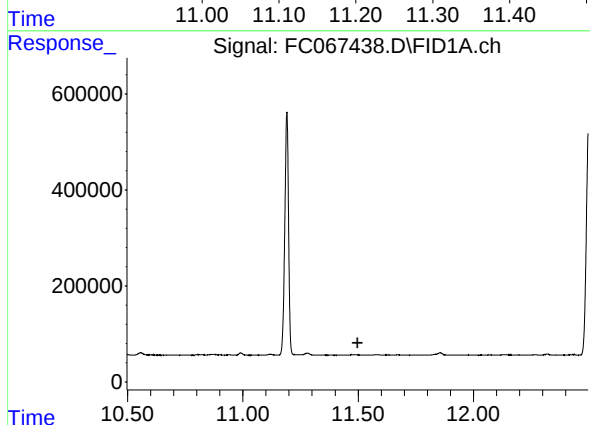
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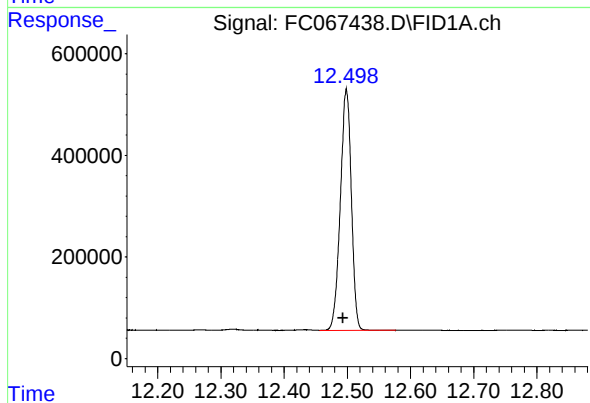
#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: 0.005 min
Response: 5727459
Conc: 42.24 ug/ml



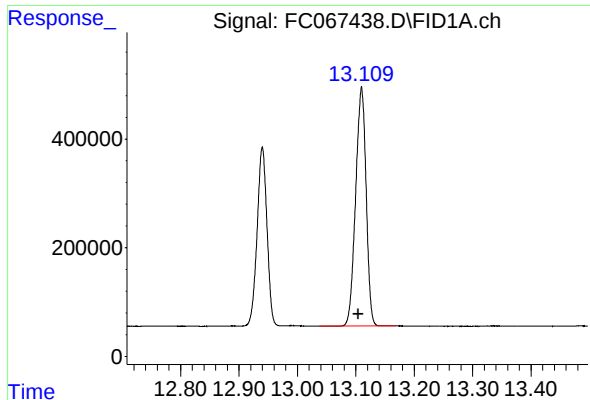
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.005 min
Response: 5740423
Conc: 43.96 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.005 min
Response: 5477882
Conc: 42.71 ug/ml

Instrument :

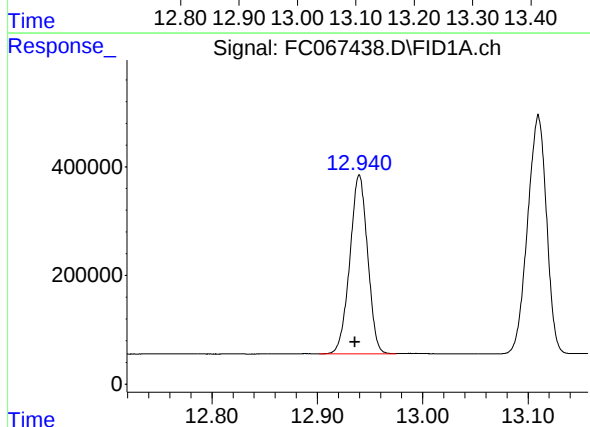
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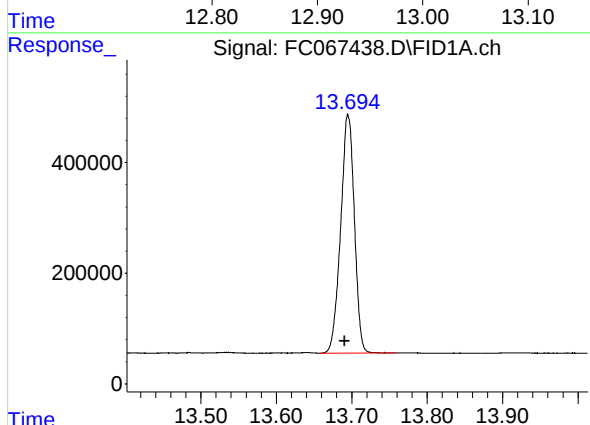
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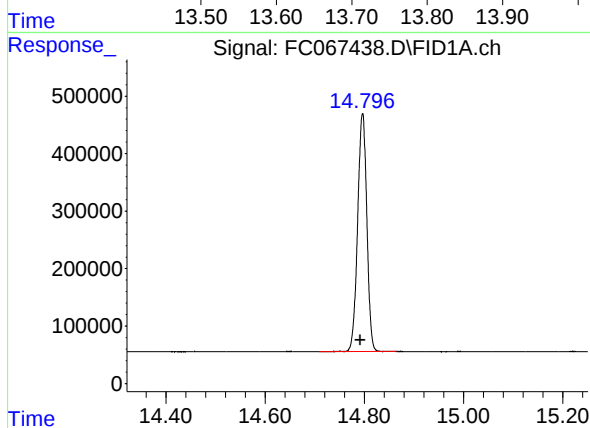
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.004 min
Response: 3859946
Conc: 34.10 ug/ml m



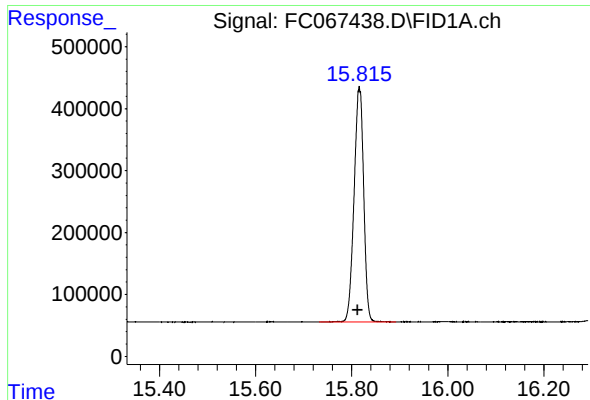
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.005 min
Response: 5452436
Conc: 42.70 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.796 min
Delta R.T.: 0.004 min
Response: 5340520
Conc: 41.76 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.004 min
Response: 5259717
Conc: 41.72 ug/ml

Instrument :

FID_C

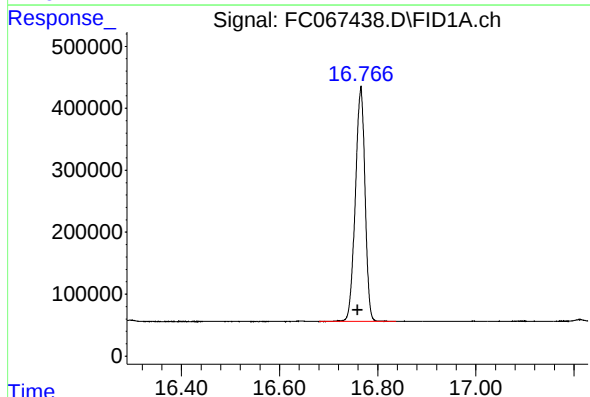
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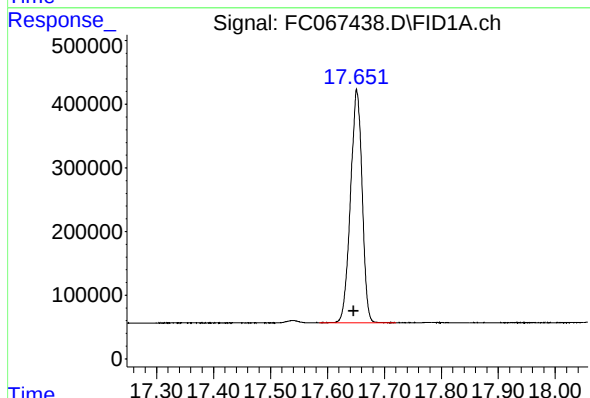
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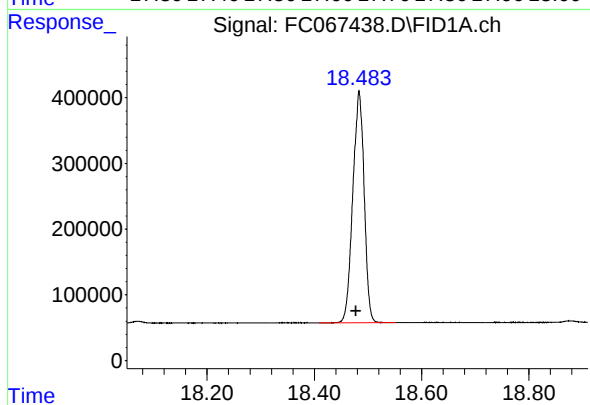
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.006 min
Response: 5172046
Conc: 41.17 ug/ml



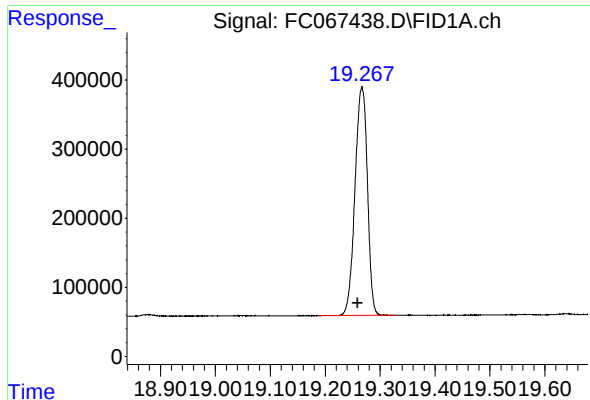
#17 n-Tricontane (C30)

R.T.: 17.652 min
Delta R.T.: 0.006 min
Response: 5205404
Conc: 40.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: 0.006 min
Response: 5174428
Conc: 41.42 ug/ml



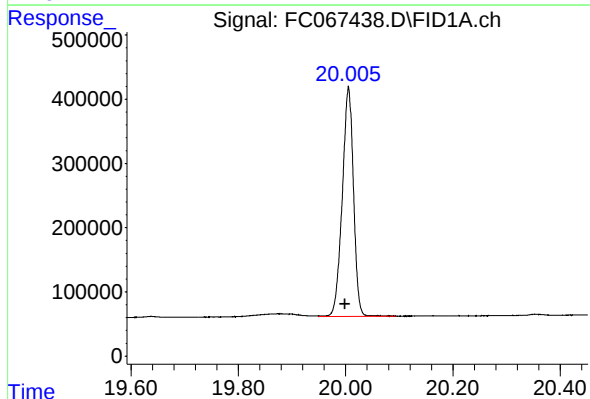
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.007 min
Response: 5194139
Conc: 47.53 ug/ml

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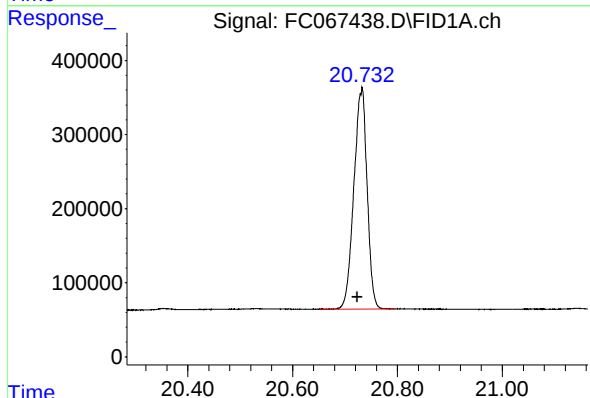
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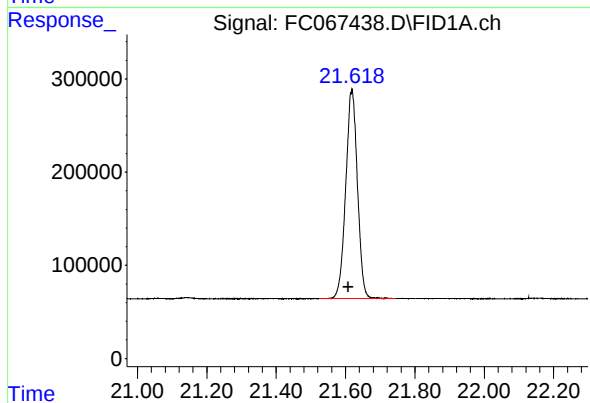
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: 0.006 min
Response: 5181927
Conc: 54.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: 0.008 min
Response: 5226241
Conc: 59.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: 0.010 min
Response: 5254376
Conc: 61.06 ug/ml