

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092724AL\
 Data File : FC067304.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 18:29
 Operator : YP/AJ
 Sample : PB163739BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163739BSD

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 01:58:12 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	3518381	36.017 ug/ml
Spiked Amount 50.000		Recovery =	72.03%
Target Compounds			
1) T n-Nonane (C9)	3.275	4261580	32.127 ug/ml
2) T n-Decane (C10)	4.340	5251323	39.099 ug/ml
4) T n-Dodecane (C12)	6.356	5735234	42.846 ug/ml
6) T n-Tetradecane (C14)	8.150	6109829	47.409 ug/ml
7) T n-Hexadecane (C16)	9.749	6545247	50.768 ug/ml
8) T n-Octadecane (C18)	11.189	6850002	53.540 ug/ml
10) T n-Eicosane (C20)	12.498	7093273	59.055 ug/ml
11) T n-Heneicosane (C21)	13.109	6838513	58.552 ug/ml
13) T n-Docosane (C22)	13.694	6759544	58.545 ug/ml
14) T n-Tetracosane (C24)	14.797	6642020	58.488 ug/ml
15) T n-Hexacosane (C26)	15.815	6472973	58.405 ug/ml
16) T n-Octacosane (C28)	16.764	6350638	58.792 ug/ml
17) T n-Tricontane (C30)	17.650	6404842	58.882 ug/ml
18) T n-Dotriacontane (C32)	18.482	6373632	61.105 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	6220995	67.430 ug/ml
20) T n-Hexatriacontane (C36)	20.004	5866393	74.026 ug/ml
21) T n-Octatriacontane (C38)	20.728	5590343	74.423 ug/ml
22) T n-Tetracontane (C40)	21.616	4892236	70.024 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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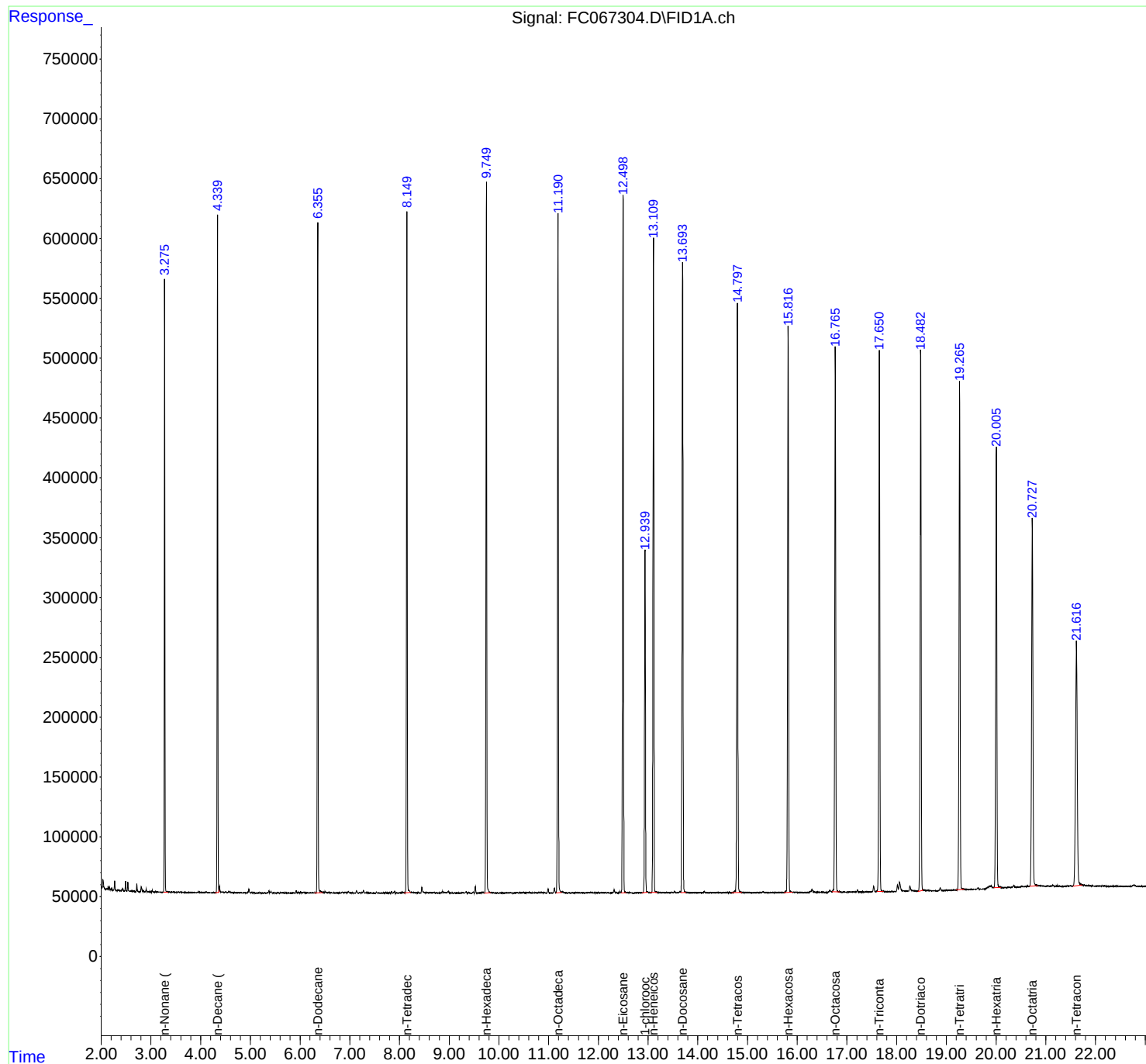
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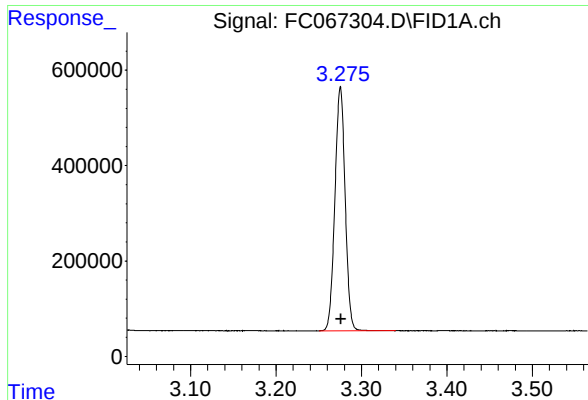
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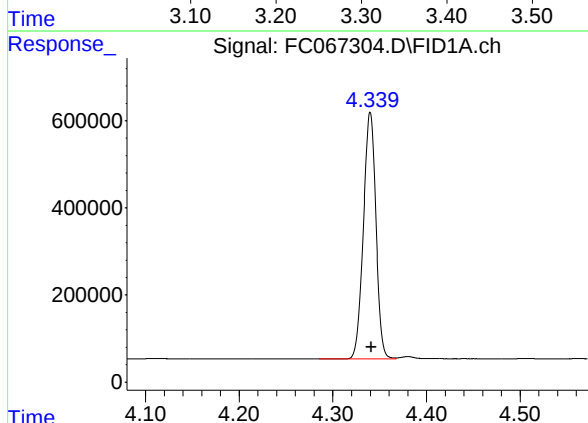
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 4261580
Conc: 32.13 ug/ml

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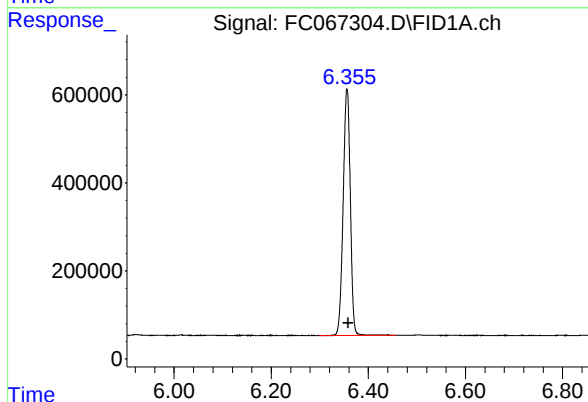
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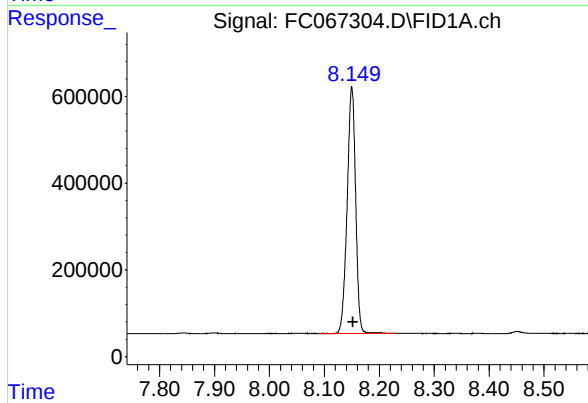
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 5251323
Conc: 39.10 ug/ml



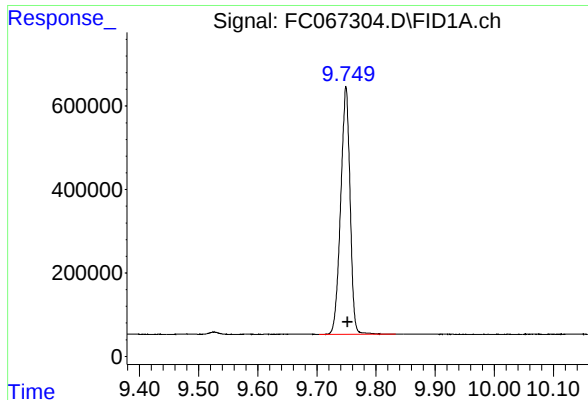
#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 5735234
Conc: 42.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 6109829
Conc: 47.41 ug/ml



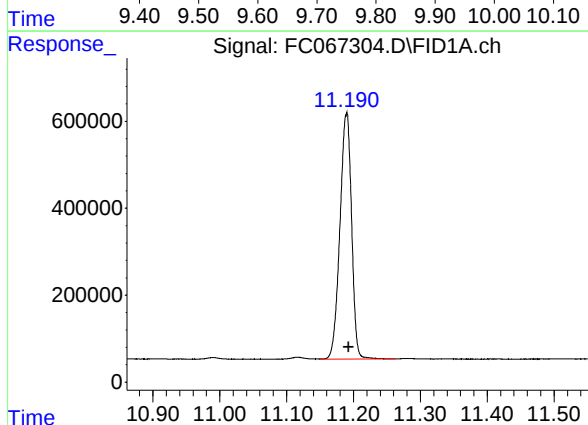
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: -0.003 min
Response: 6545247
Conc: 50.77 ug/ml

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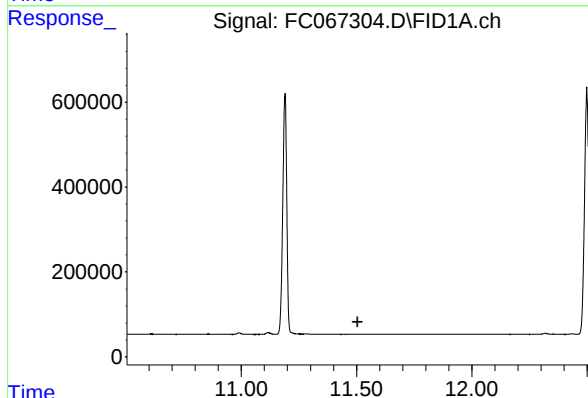
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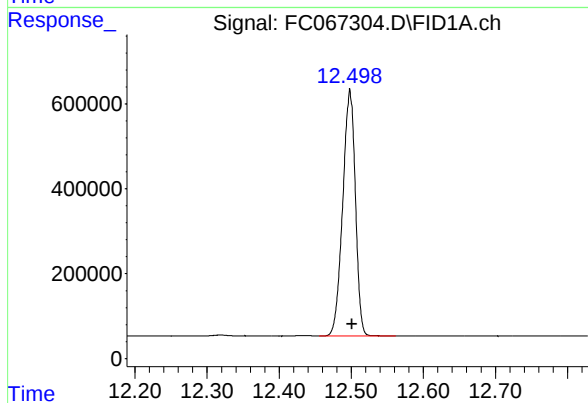
#8 n-Octadecane (C18)

R.T.: 11.189 min
Delta R.T.: -0.003 min
Response: 6850002
Conc: 53.54 ug/ml



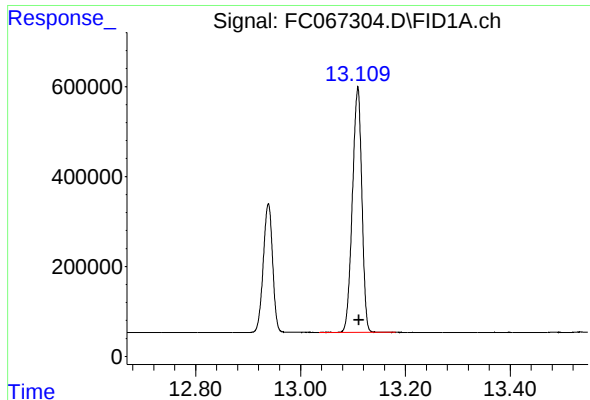
#9 ortho-Terphenyl (SURR)

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: 7093273
Conc: 59.05 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.003 min
Response: 6838513
Conc: 58.55 ug/ml

Instrument :

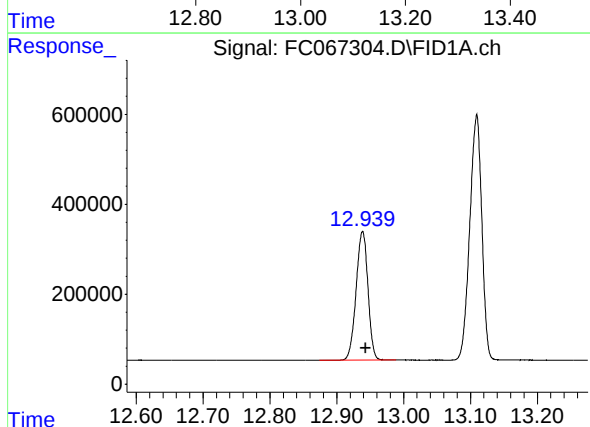
FID_C

ClientSampleId :

PB163739BSD

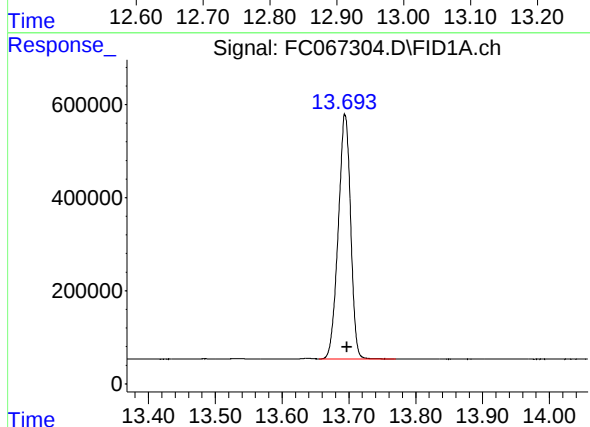
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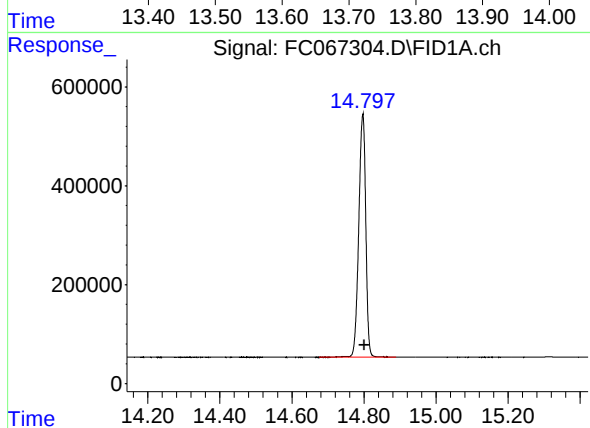
#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.005 min
Response: 3518381
Conc: 36.02 ug/ml



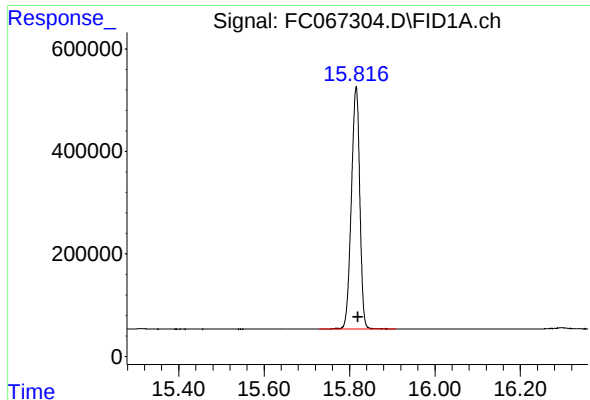
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: -0.003 min
Response: 6759544
Conc: 58.54 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.004 min
Response: 6642020
Conc: 58.49 ug/ml



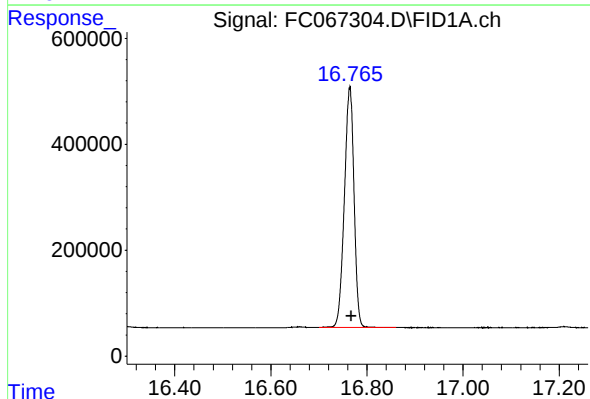
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: -0.005 min
Response: 6472973
Conc: 58.41 ug/ml

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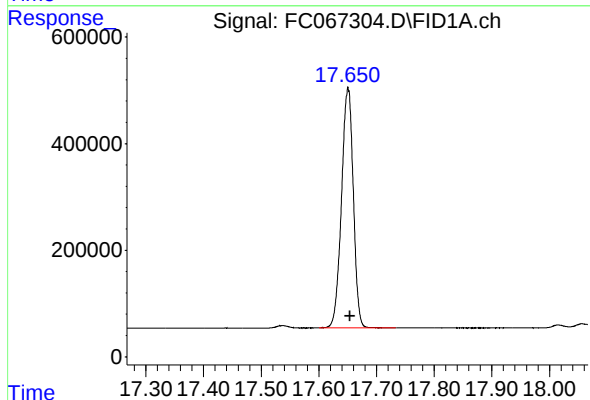
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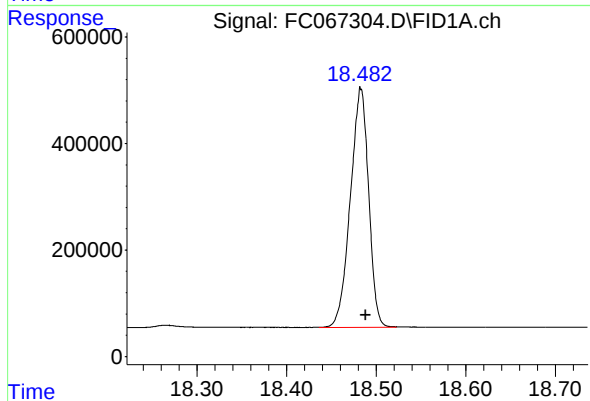
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: -0.004 min
Response: 6350638
Conc: 58.79 ug/ml



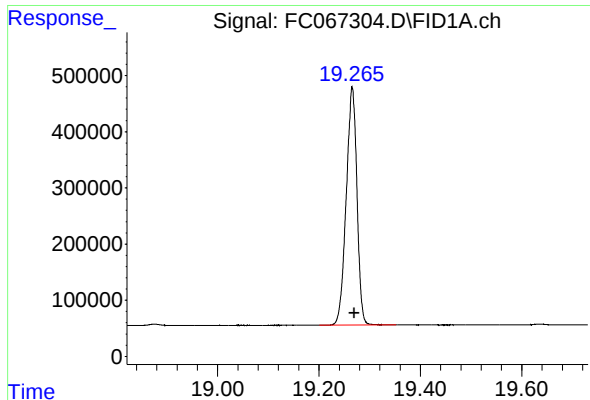
#17 n-Tricontane (C30)

R.T.: 17.650 min
Delta R.T.: -0.004 min
Response: 6404842
Conc: 58.88 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.007 min
Response: 6373632
Conc: 61.11 ug/ml m



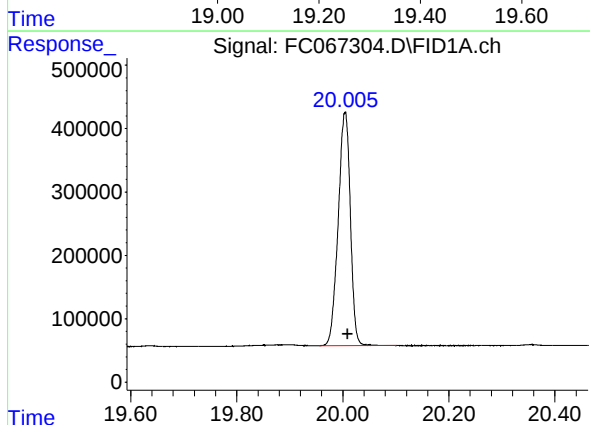
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 6220995
Conc: 67.43 ug/ml

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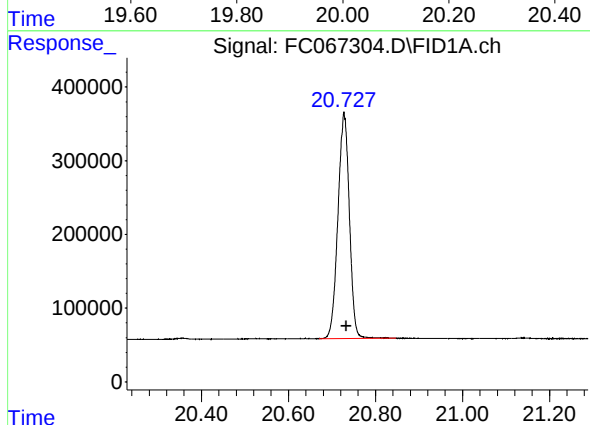
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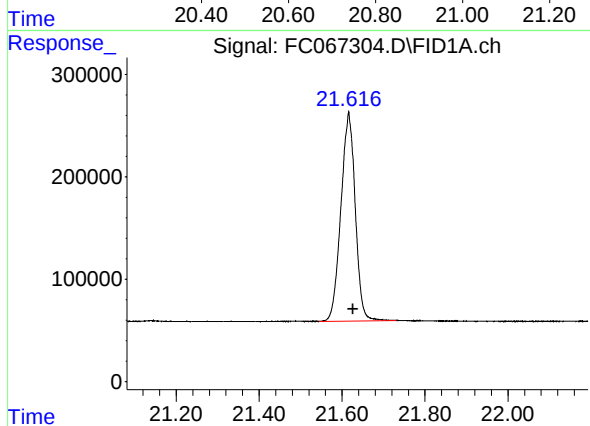
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 5866393
Conc: 74.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.005 min
Response: 5590343
Conc: 74.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.011 min
Response: 4892236
Conc: 70.02 ug/ml m