

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068297.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 16:23
 Operator : YP/AJ
 Sample : PB166863BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166863BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e
 Quant Time: Mar 05 04:25:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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...	12.843	4574944	40.675 ug/ml
Spiked Amount 50.000		Recovery =	81.35%
Target Compounds			
1) T n-Nonane (C9)	3.206	3221618	22.901 ug/ml
2) T n-Decane (C10)	4.263	4108269	28.999 ug/ml
4) T n-Dodecane (C12)	6.272	4857635	34.510 ug/ml
6) T n-Tetradecane (C14)	8.061	5311836	38.959 ug/ml
7) T n-Hexadecane (C16)	9.657	5538668	40.438 ug/ml
8) T n-Octadecane (C18)	11.095	5793674	42.364 ug/ml
10) T n-Eicosane (C20)	12.402	6081631	46.679 ug/ml
11) T n-Heneicosane (C21)	13.013	5823276	45.549 ug/ml
13) T n-Docosane (C22)	13.598	5769887	45.783 ug/ml
14) T n-Tetracosane (C24)	14.700	5666270	45.557 ug/ml
15) T n-Hexacosane (C26)	15.719	5550320	45.647 ug/ml
16) T n-Octacosane (C28)	16.667	5378801	45.289 ug/ml
17) T n-Tricontane (C30)	17.554	5501897	45.710 ug/mlm
18) T n-Dotriacontane (C32)	18.385	5451575	46.969 ug/mlm
19) T n-Tetratriacontane (C34)	19.169	5360093	49.604 ug/ml
20) T n-Hexatriacontane (C36)	19.908	5106343	53.098 ug/ml
21) T n-Octatriacontane (C38)	20.621	4893810	54.438 ug/ml
22) T n-Tetracontane (C40)	21.477	4666615	53.937 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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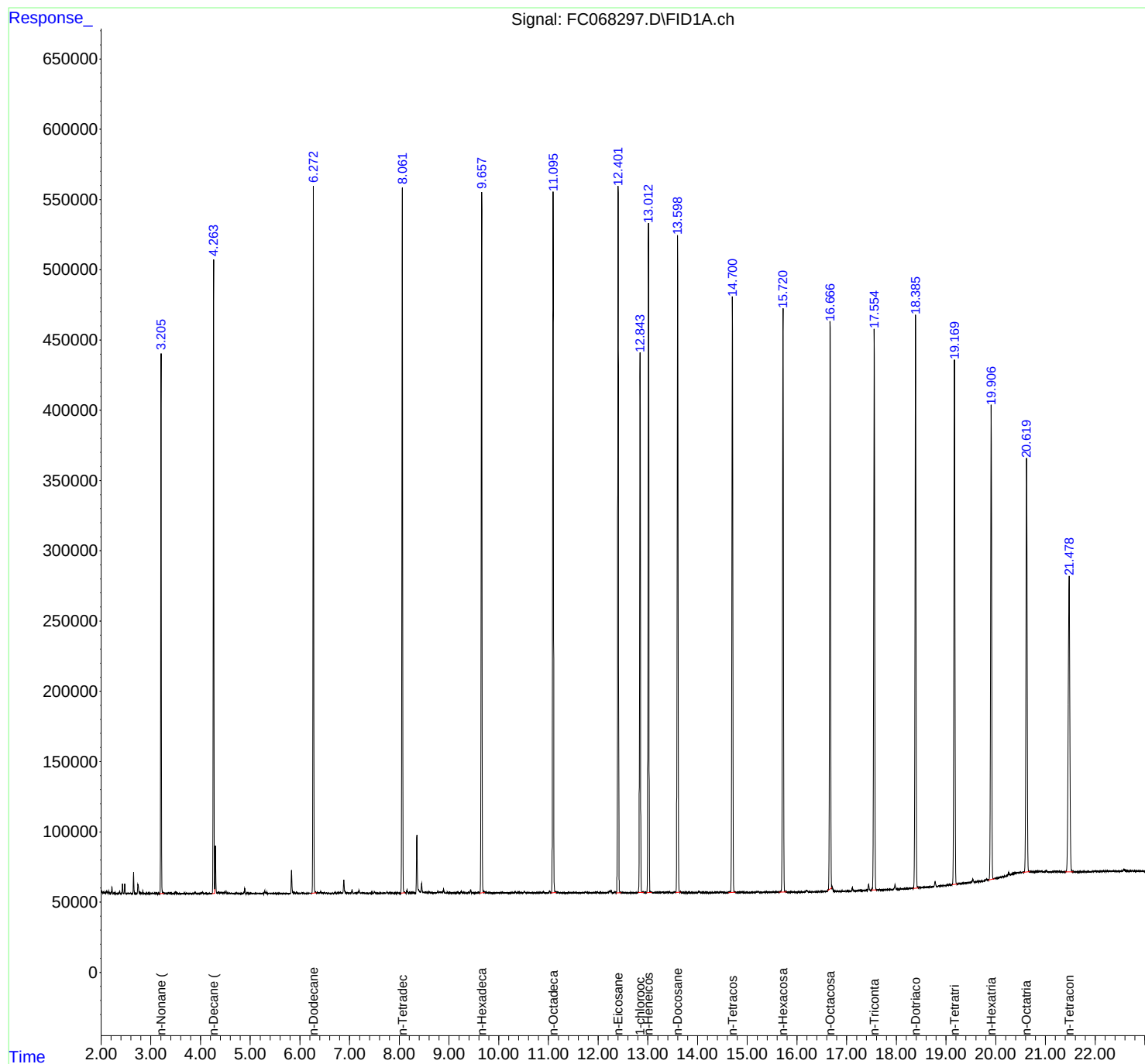
Response via : Initial Calibration

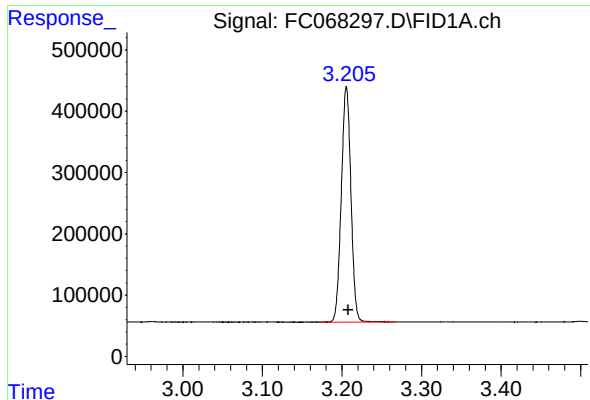
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.206 min
Delta R.T.: -0.002 min
Response: 3221618
Conc: 22.90 ug/ml

Instrument :

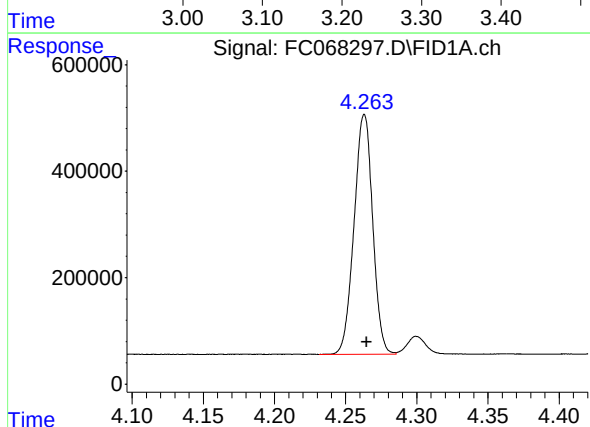
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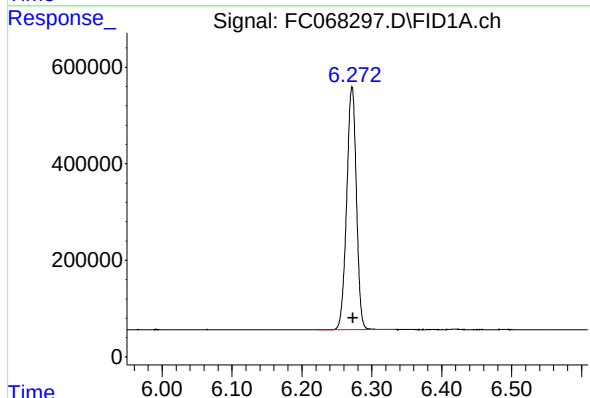
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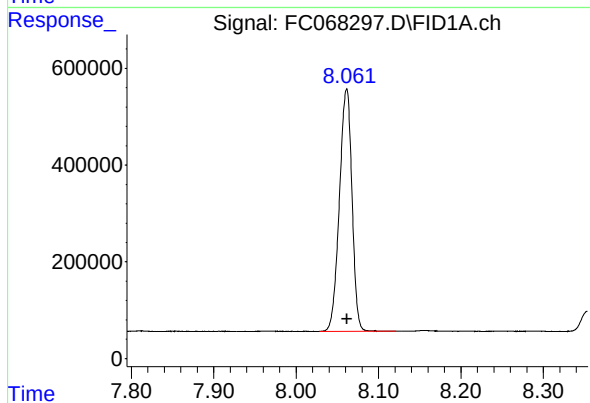
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 4108269
Conc: 29.00 ug/ml



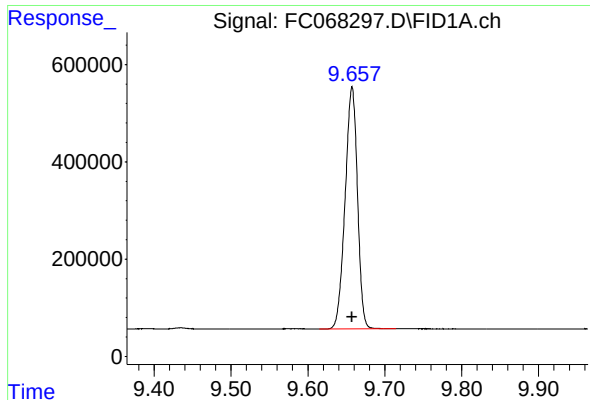
#4 n-Dodecane (C12)

R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 4857635
Conc: 34.51 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 5311836
Conc: 38.96 ug/ml



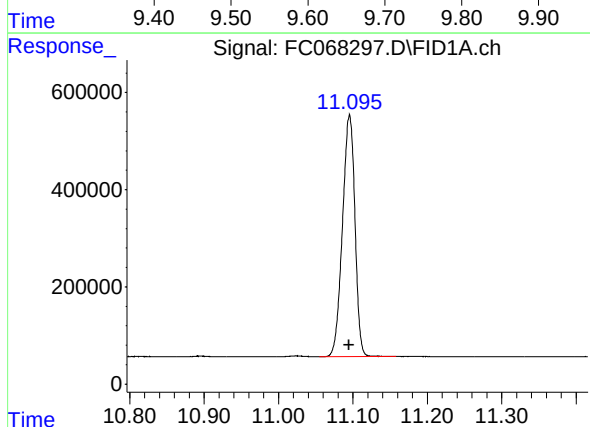
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 5538668
Conc: 40.44 ug/ml

Instrument :
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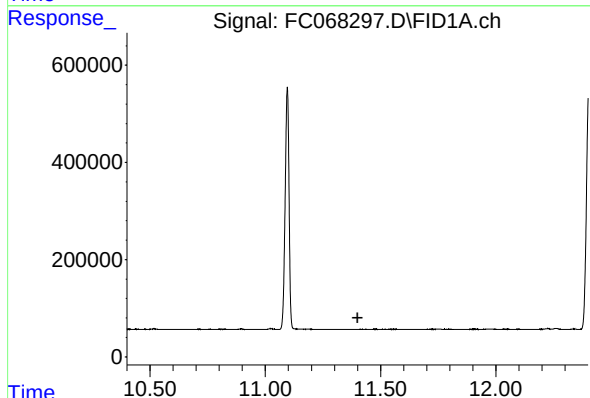
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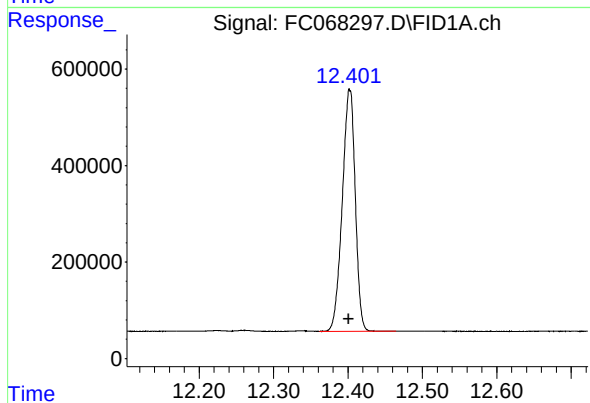
#8 n-Octadecane (C18)

R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 5793674
Conc: 42.36 ug/ml



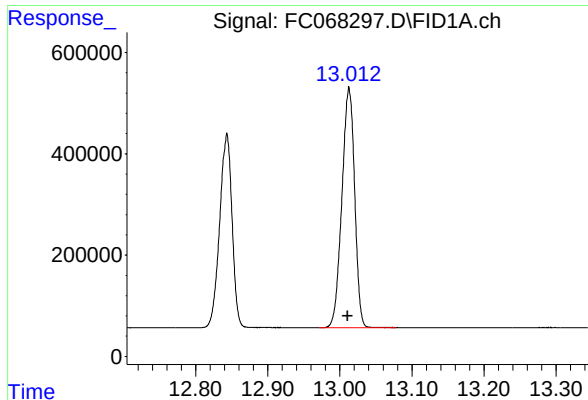
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.400 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.402 min
Delta R.T.: 0.001 min
Response: 6081631
Conc: 46.68 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.013 min
Delta R.T.: 0.002 min
Response: 5823276
Conc: 45.55 ug/ml

Instrument :

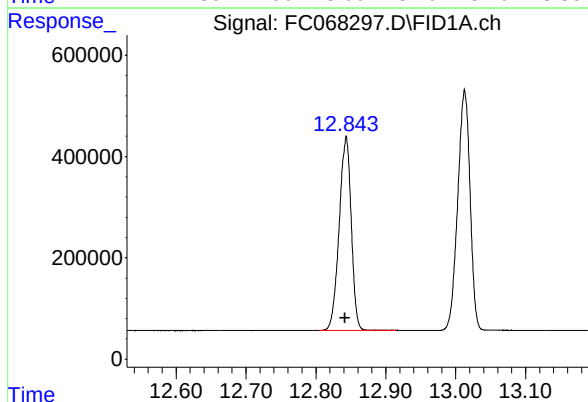
FID_C

ClientSampleId :

PB166863BS

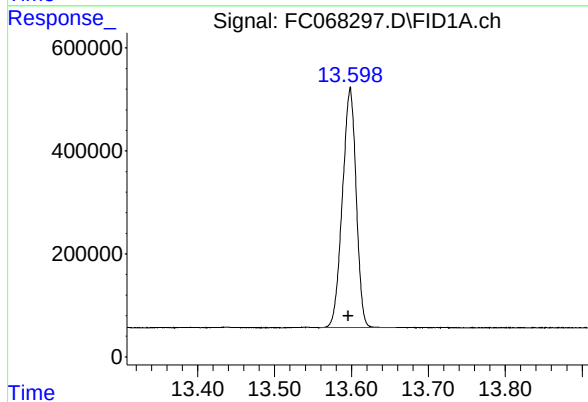
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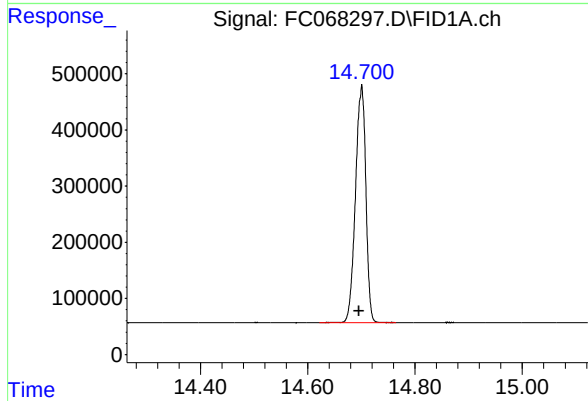
#12 1-chlorooctadecane (SURR)

R.T.: 12.843 min
Delta R.T.: 0.001 min
Response: 4574944
Conc: 40.68 ug/ml



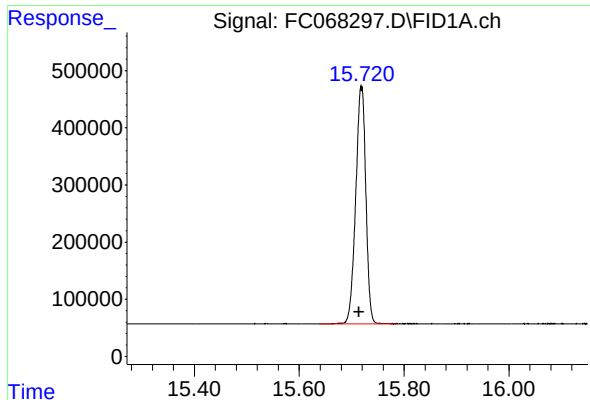
#13 n-Docosane (C22)

R.T.: 13.598 min
Delta R.T.: 0.002 min
Response: 5769887
Conc: 45.78 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.700 min
Delta R.T.: 0.004 min
Response: 5666270
Conc: 45.56 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: 0.005 min
Response: 5550320
Conc: 45.65 ug/ml

Instrument :

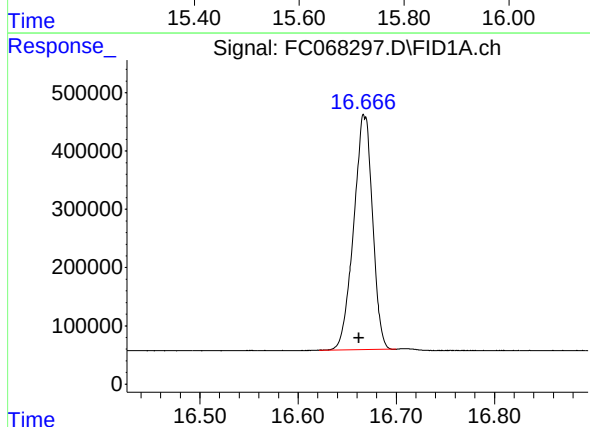
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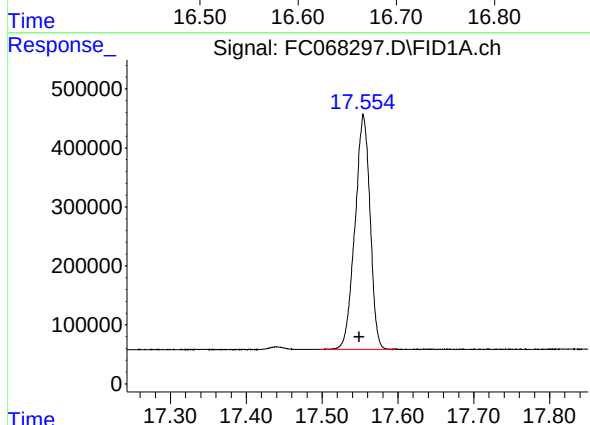
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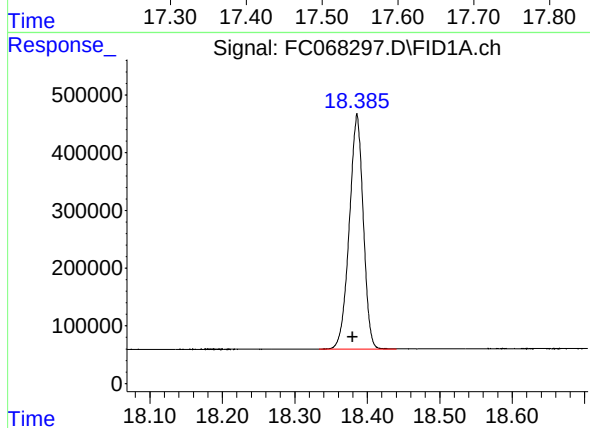
#16 n-Octacosane (C28)

R.T.: 16.667 min
Delta R.T.: 0.005 min
Response: 5378801
Conc: 45.29 ug/ml



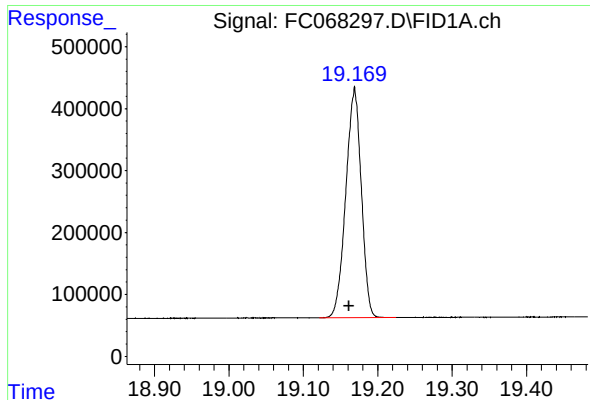
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: 0.005 min
Response: 5501897
Conc: 45.71 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.385 min
Delta R.T.: 0.006 min
Response: 5451575
Conc: 46.97 ug/ml m



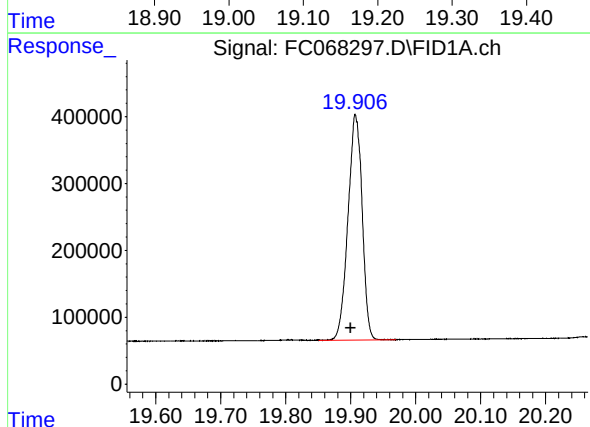
#19 n-Tetratriacontane (C34)

R.T.: 19.169 min
Delta R.T.: 0.007 min
Response: 5360093
Conc: 49.60 ug/ml

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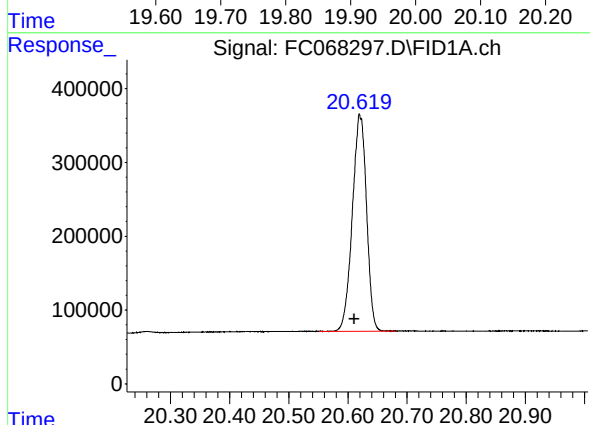
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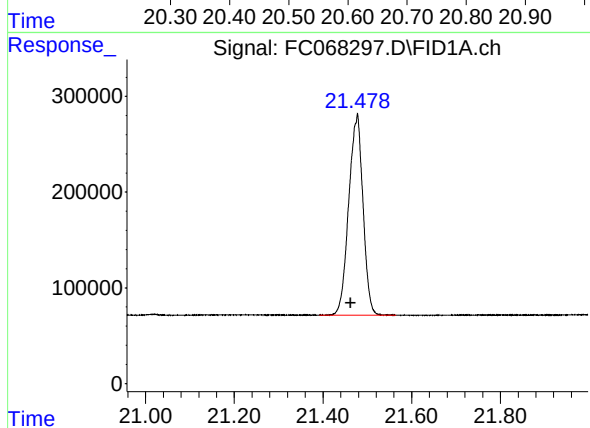
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: 0.008 min
Response: 5106343
Conc: 53.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: 0.010 min
Response: 4893810
Conc: 54.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.477 min
Delta R.T.: 0.014 min
Response: 4666615
Conc: 53.94 ug/ml