

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068069.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 17:03
 Operator : YP/AJ
 Sample : P5299-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SB-02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 21 01:54:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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...	12.886	5087208	39.870 ug/ml
Spiked Amount 50.000		Recovery =	79.74%
Target Compounds			
1) T n-Nonane (C9)	3.244	3053174	19.651 ug/ml
2) T n-Decane (C10)	4.303	3700073	23.341 ug/ml
4) T n-Dodecane (C12)	6.313	4282078	26.594 ug/ml
6) T n-Tetradecane (C14)	8.103	4910579	30.885 ug/ml
7) T n-Hexadecane (C16)	9.700	5152539	31.894 ug/ml
8) T n-Octadecane (C18)	11.138	5324188	33.164 ug/ml
10) T n-Eicosane (C20)	12.445	5374336	35.727 ug/ml
11) T n-Heneicosane (C21)	13.055	5089173	34.830 ug/ml
13) T n-Docosane (C22)	13.640	5010283	35.001 ug/ml
14) T n-Tetracosane (C24)	14.740	4852342	34.922 ug/ml
15) T n-Hexacosane (C26)	15.759	4700973	35.152 ug/ml
16) T n-Octacosane (C28)	16.707	4570081	35.233 ug/ml
17) T n-Tricontane (C30)	17.593	4557589	35.182 ug/ml
18) T n-Dotriacontane (C32)	18.424	4458604	35.989 ug/ml
19) T n-Tetratriacontane (C34)	19.205	4439369	40.673 ug/mlm
20) T n-Hexatriacontane (C36)	19.945	4261514	45.043 ug/ml
21) T n-Octatriacontane (C38)	20.660	4190307	46.321 ug/ml
22) T n-Tetracontane (C40)	21.528	4148424	47.067 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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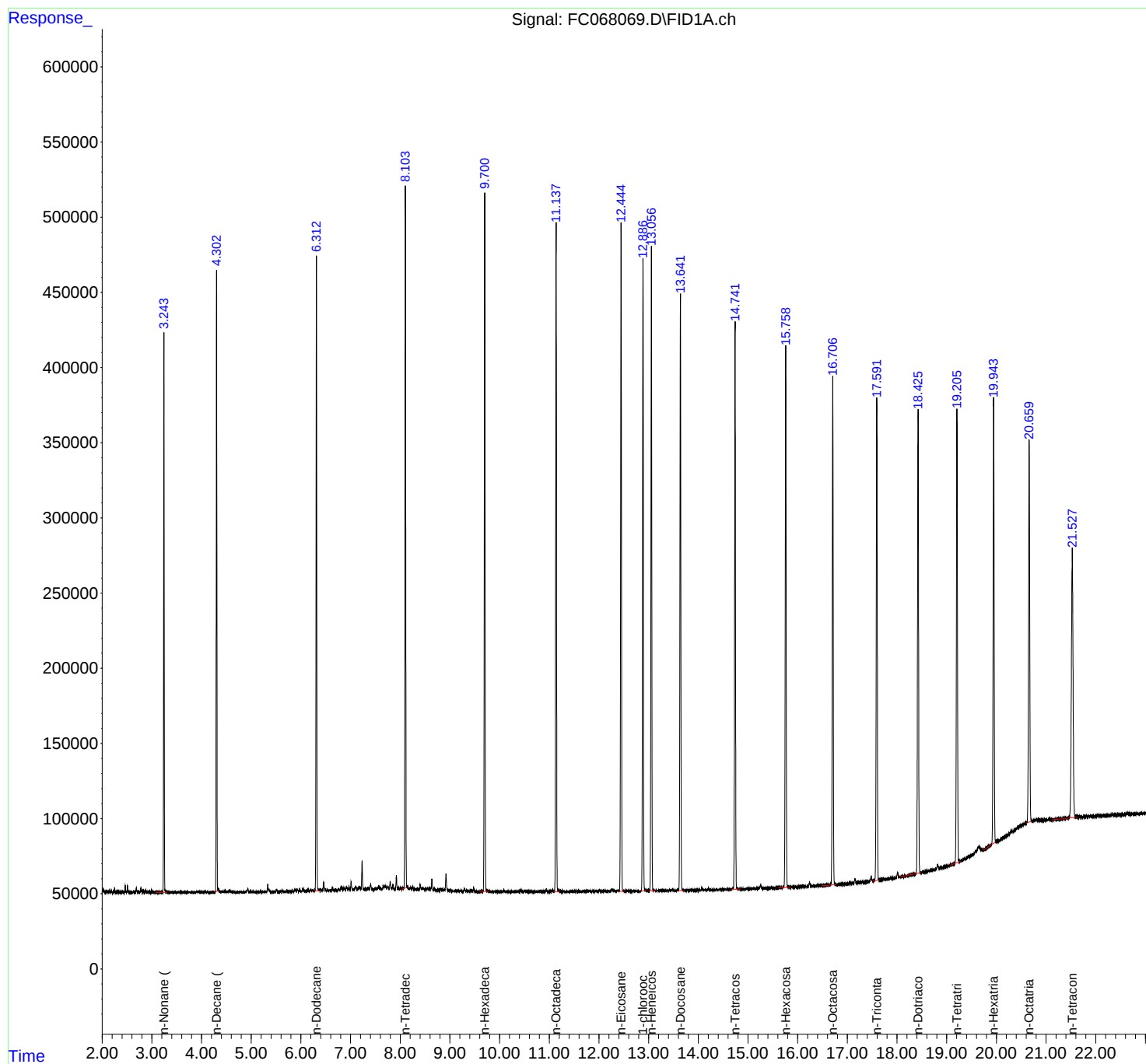
Response via : Initial Calibration

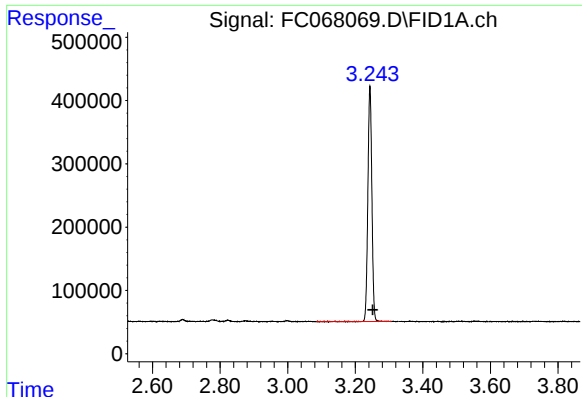
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.244 min
Delta R.T.: -0.008 min
Response: 3053174
Conc: 19.65 ug/ml

Instrument :

FID_C

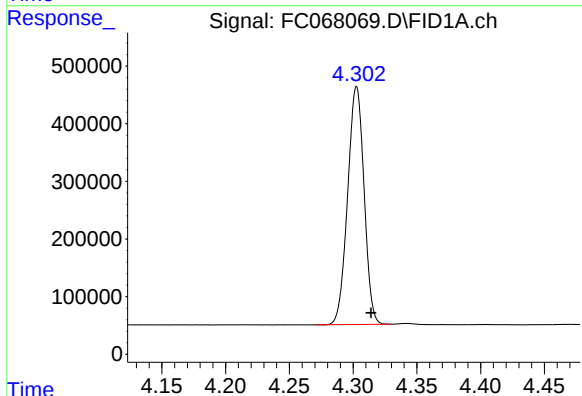
ClientSampleId :

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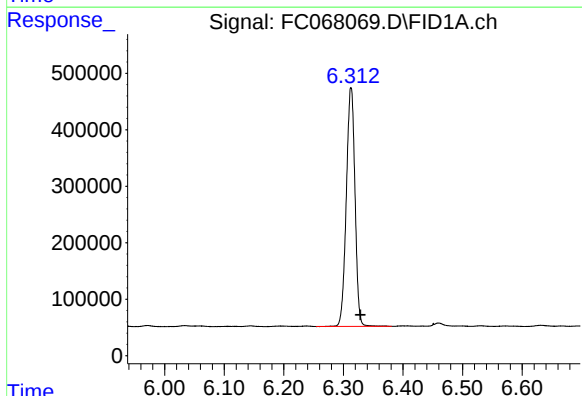
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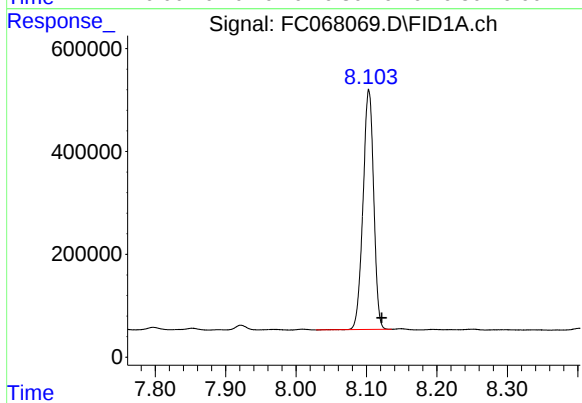
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: -0.011 min
Response: 3700073
Conc: 23.34 ug/ml



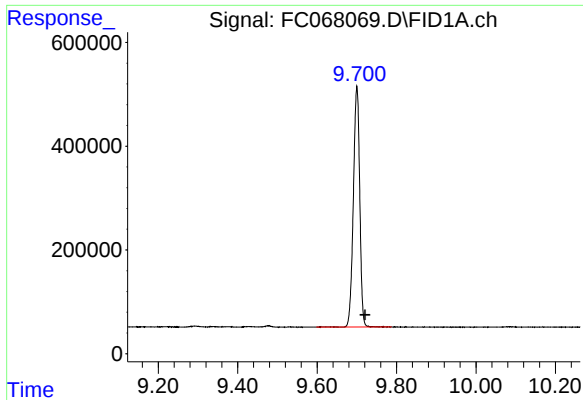
#4 n-Dodecane (C12)

R.T.: 6.313 min
Delta R.T.: -0.016 min
Response: 4282078
Conc: 26.59 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.103 min
Delta R.T.: -0.018 min
Response: 4910579
Conc: 30.88 ug/ml



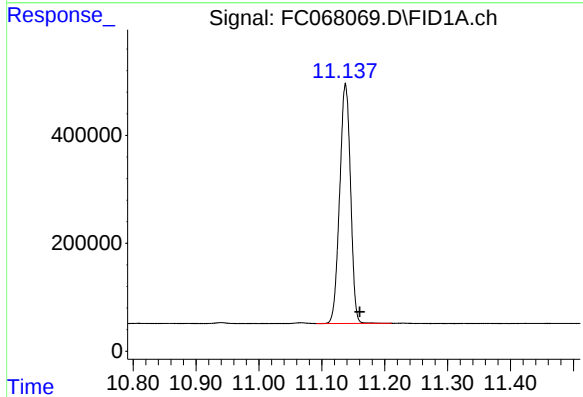
#7 n-Hexadecane (C16)

R.T.: 9.700 min
Delta R.T.: -0.020 min
Response: 5152539
Conc: 31.89 ug/ml

Instrument :
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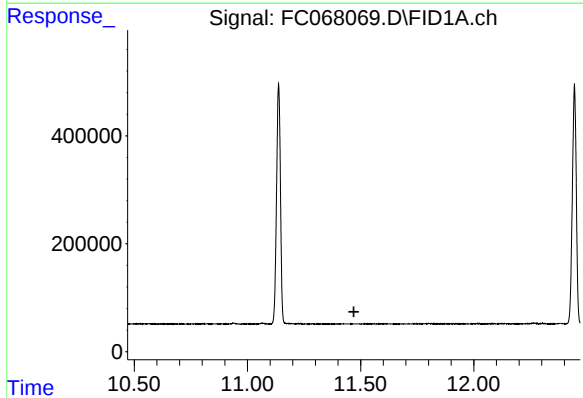
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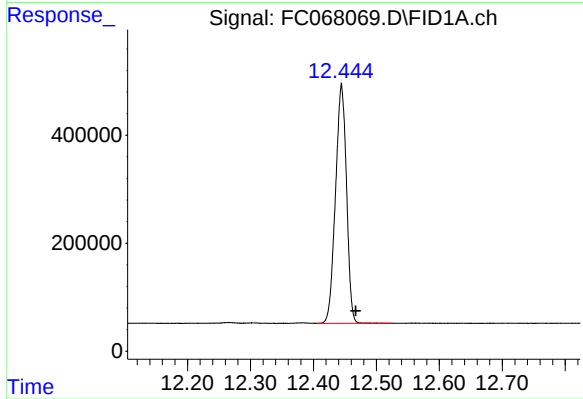
#8 n-Octadecane (C18)

R.T.: 11.138 min
Delta R.T.: -0.023 min
Response: 5324188
Conc: 33.16 ug/ml



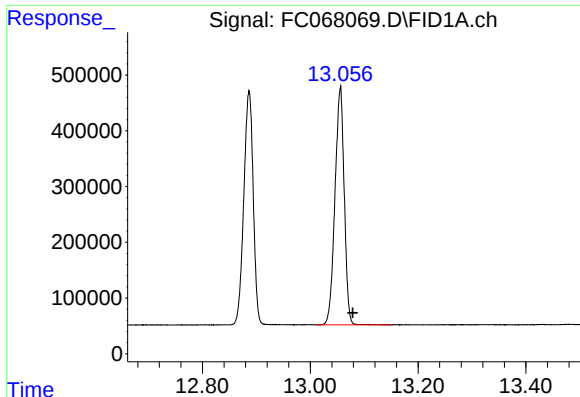
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.445 min
Delta R.T.: -0.023 min
Response: 5374336
Conc: 35.73 ug/ml



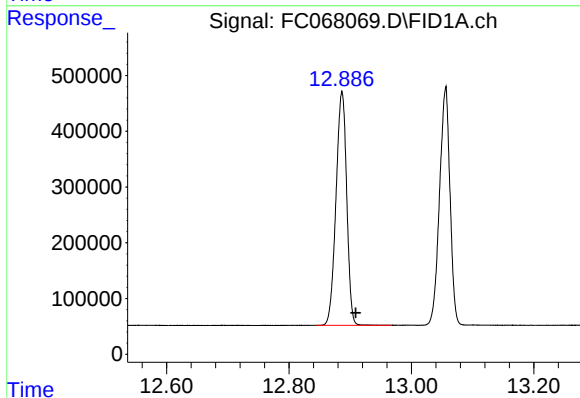
#11 n-Heneicosane (C21)

R.T.: 13.055 min
Delta R.T.: -0.023 min
Response: 5089173
Conc: 34.83 ug/ml

Instrument :
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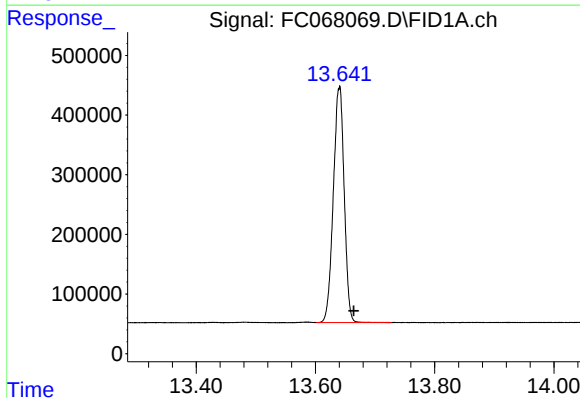
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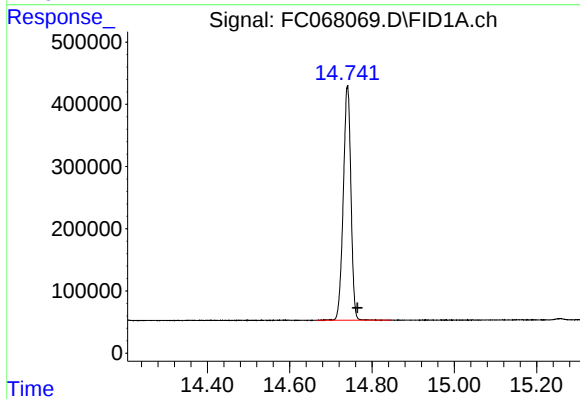
#12 1-chlorooctadecane (SURR)

R.T.: 12.886 min
Delta R.T.: -0.023 min
Response: 5087208
Conc: 39.87 ug/ml



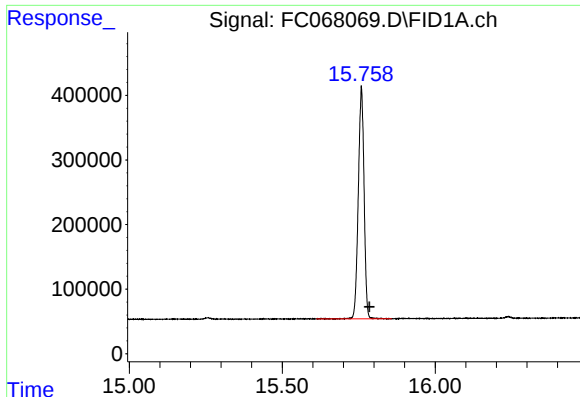
#13 n-Docosane (C22)

R.T.: 13.640 min
Delta R.T.: -0.024 min
Response: 5010283
Conc: 35.00 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.024 min
Response: 4852342
Conc: 34.92 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: -0.026 min
Response: 4700973
Conc: 35.15 ug/ml

Instrument :

FID_C

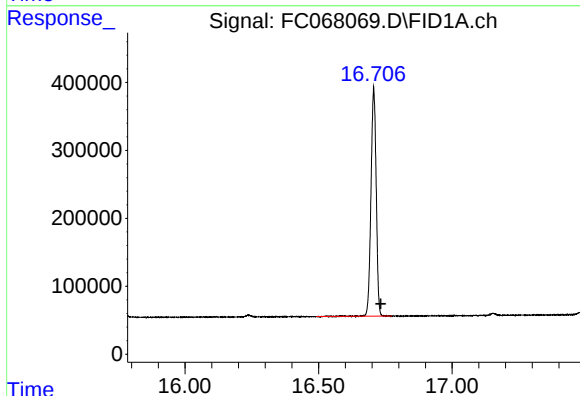
ClientSampleId :

SB-02MSD

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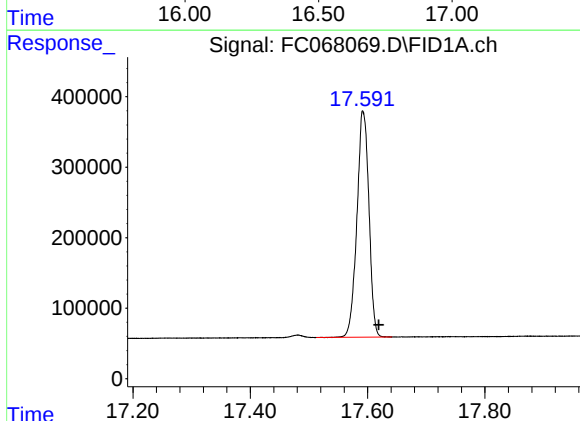
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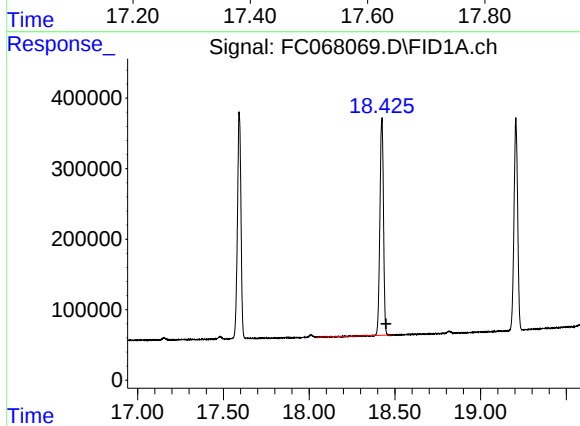
#16 n-Octacosane (C28)

R.T.: 16.707 min
Delta R.T.: -0.026 min
Response: 4570081
Conc: 35.23 ug/ml



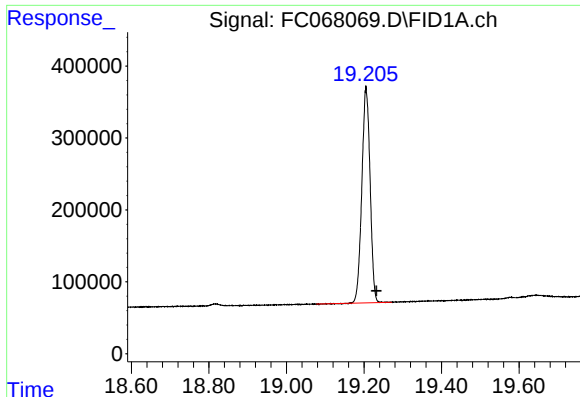
#17 n-Tricontane (C30)

R.T.: 17.593 min
Delta R.T.: -0.026 min
Response: 4557589
Conc: 35.18 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.424 min
Delta R.T.: -0.026 min
Response: 4458604
Conc: 35.99 ug/ml



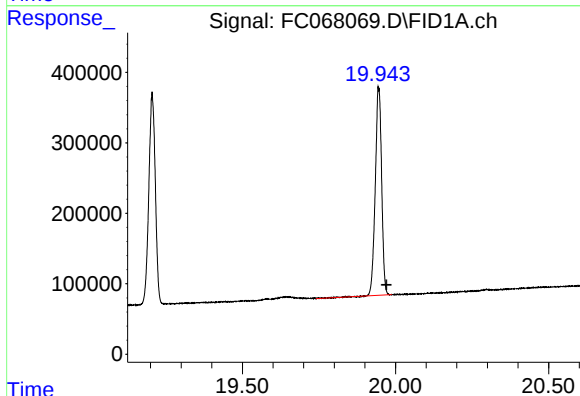
#19 n-Tetratriacontane (C34)

R.T.: 19.205 min
Delta R.T.: -0.027 min
Response: 4439369
Conc: 40.67 ug/ml

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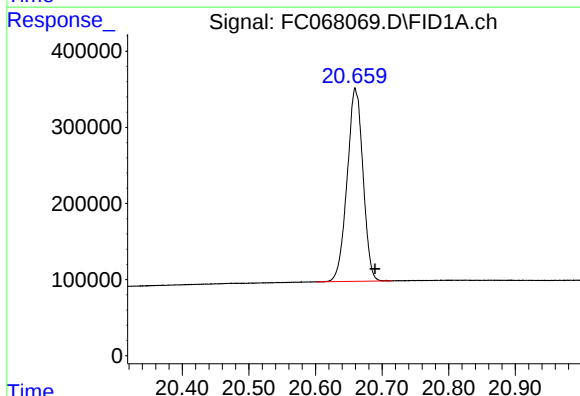
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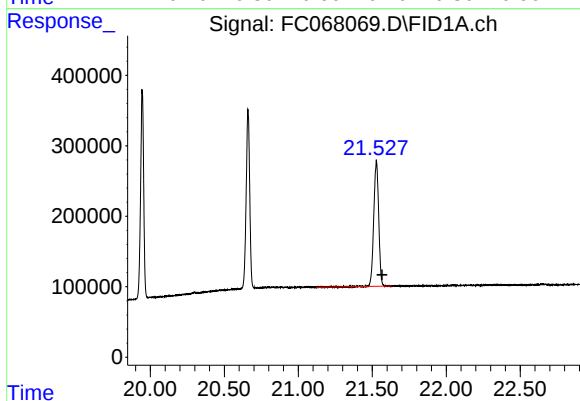
#20 n-Hexatriacontane (C36)

R.T.: 19.945 min
Delta R.T.: -0.025 min
Response: 4261514
Conc: 45.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min
Delta R.T.: -0.029 min
Response: 4190307
Conc: 46.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.528 min
Delta R.T.: -0.040 min
Response: 4148424
Conc: 47.07 ug/ml