

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068323.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 11:37
 Operator : YP/AJ
 Sample : PB166923BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166923BS

Integration File: autoint1.e
 Quant Time: Mar 05 05:23:03 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...	12.840	4376930	38.915 ug/ml
Spiked Amount 50.000		Recovery =	77.83%
Target Compounds			
1) T n-Nonane (C9)	3.205	3770437	26.802 ug/ml
2) T n-Decane (C10)	4.262	4690075	33.105 ug/ml
4) T n-Dodecane (C12)	6.270	5370934	38.157 ug/ml
6) T n-Tetradecane (C14)	8.059	5778269	42.380 ug/ml
7) T n-Hexadecane (C16)	9.655	6026599	44.001 ug/ml
8) T n-Octadecane (C18)	11.094	6267228	45.827 ug/ml
10) T n-Eicosane (C20)	12.400	6468032	49.645 ug/ml
11) T n-Heneicosane (C21)	13.011	6177617	48.320 ug/ml
13) T n-Docosane (C22)	13.595	6141972	48.735 ug/ml
14) T n-Tetracosane (C24)	14.696	6008487	48.309 ug/ml
15) T n-Hexacosane (C26)	15.715	5879209	48.352 ug/ml
16) T n-Octacosane (C28)	16.664	5728664	48.234 ug/ml
17) T n-Tricontane (C30)	17.550	5730289	47.607 ug/ml
18) T n-Dotriacontane (C32)	18.381	5695730	49.073 ug/ml
19) T n-Tetratriacontane (C34)	19.164	5652338	52.308 ug/ml
20) T n-Hexatriacontane (C36)	19.903	5406820	56.222 ug/ml
21) T n-Octatriacontane (C38)	20.615	5240074	58.289 ug/ml
22) T n-Tetracontane (C40)	21.470	5034272	58.186 ug/ml

(f)=RT Delta > 1/2 Window

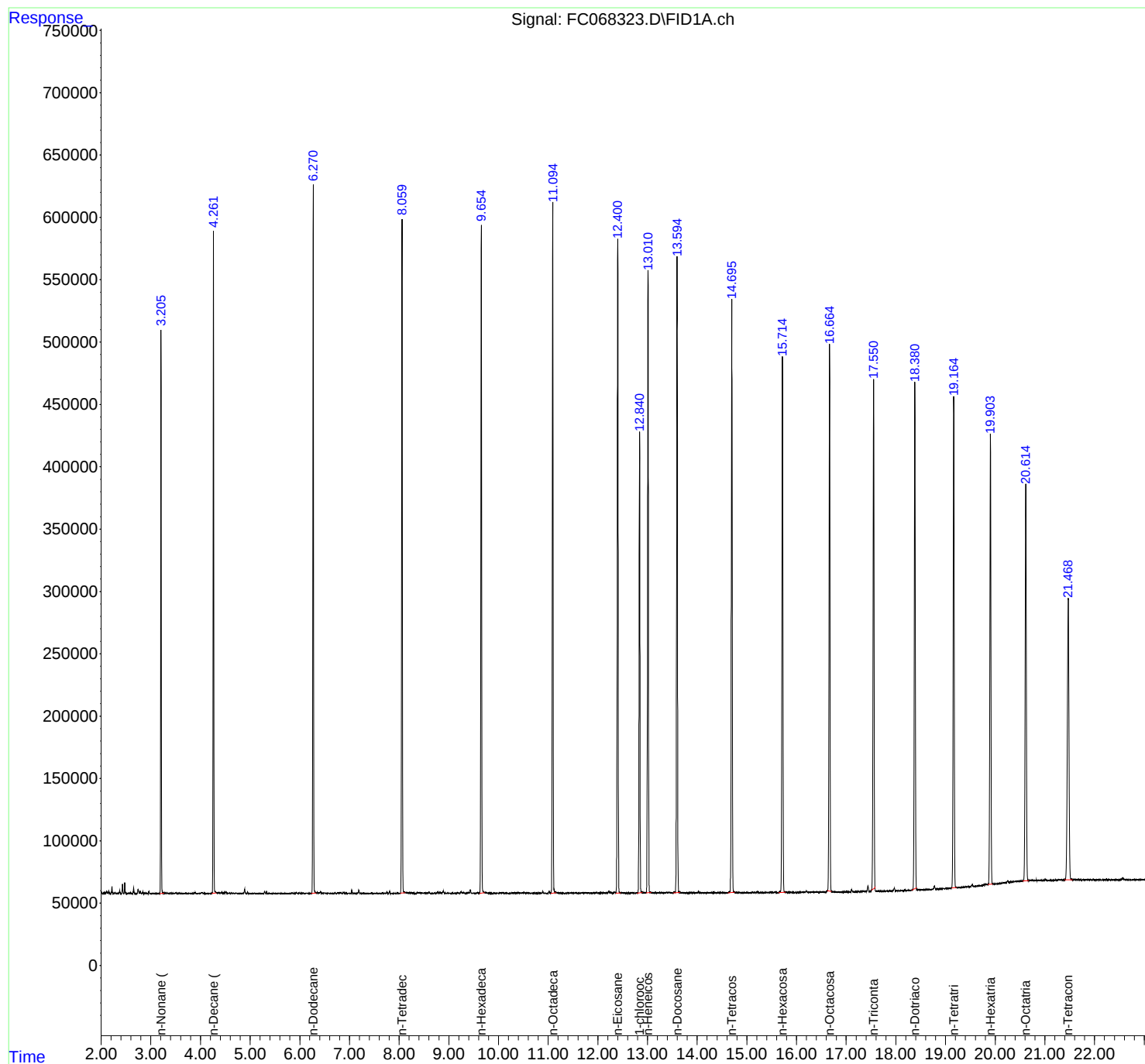
(m)=manual int.

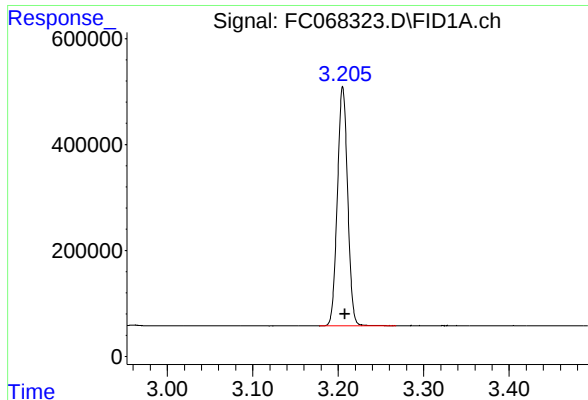
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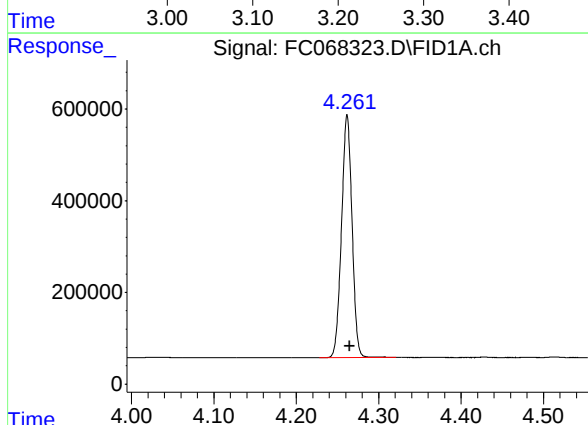




#1 n-Nonane (C9)

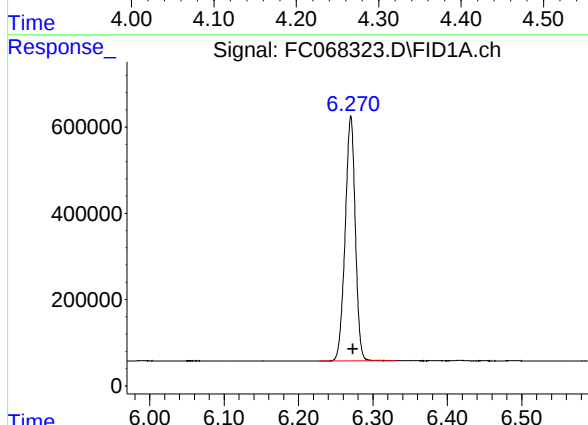
R.T.: 3.205 min
Delta R.T.: -0.003 min
Response: 3770437
Conc: 26.80 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166923BS



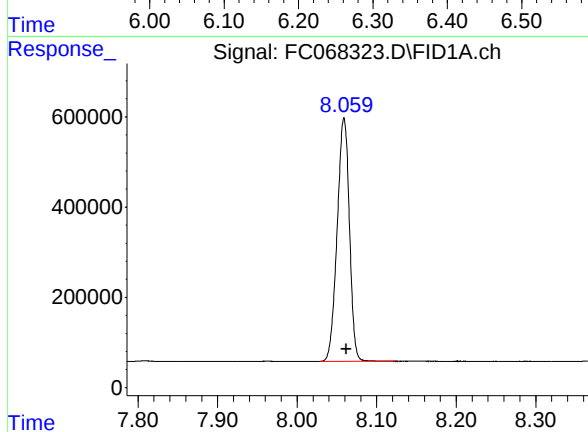
#2 n-Decane (C10)

R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 4690075
Conc: 33.11 ug/ml



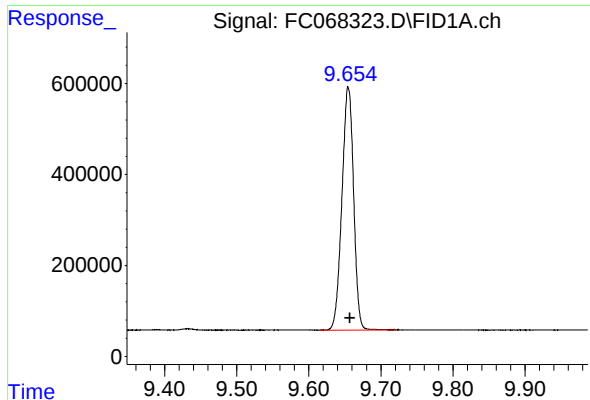
#4 n-Dodecane (C12)

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 5370934
Conc: 38.16 ug/ml



#6 n-Tetradecane (C14)

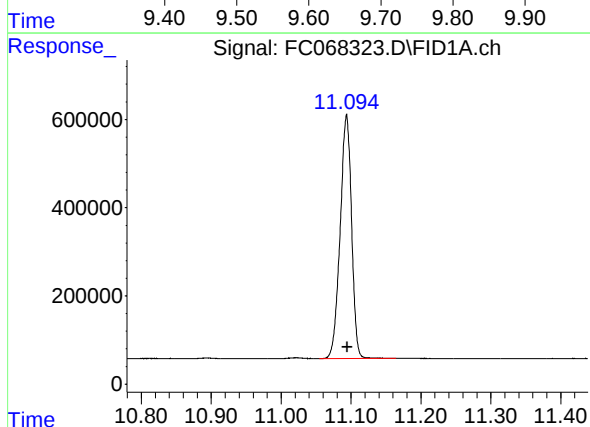
R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 5778269
Conc: 42.38 ug/ml



#7 n-Hexadecane (C16)

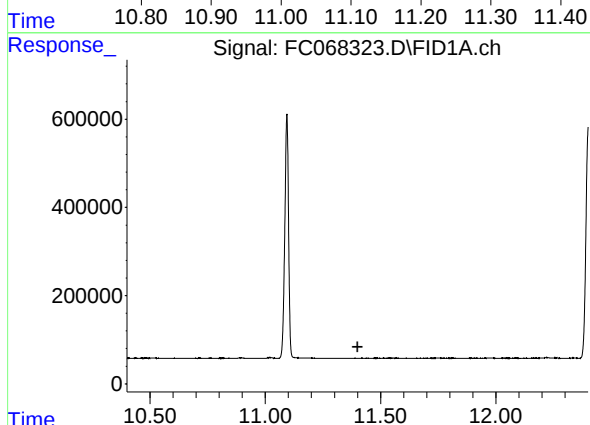
R.T.: 9.655 min
Delta R.T.: -0.003 min
Response: 6026599
Conc: 44.00 ug/ml

Instrument :
FID_C
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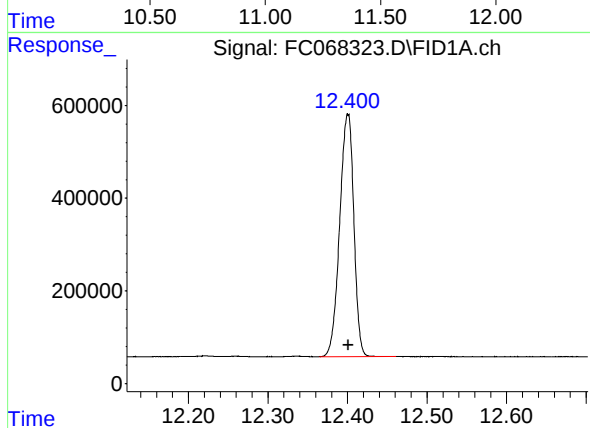
#8 n-Octadecane (C18)

R.T.: 11.094 min
Delta R.T.: -0.001 min
Response: 6267228
Conc: 45.83 ug/ml



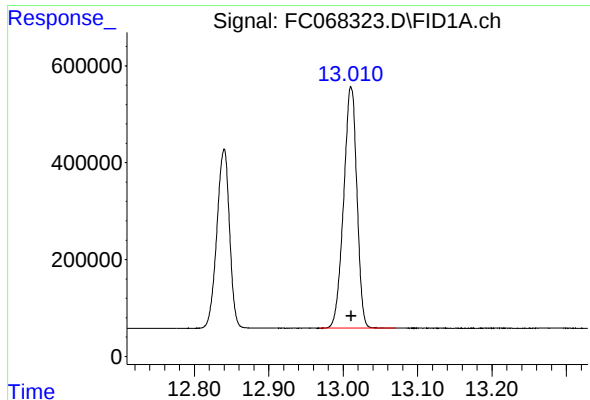
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

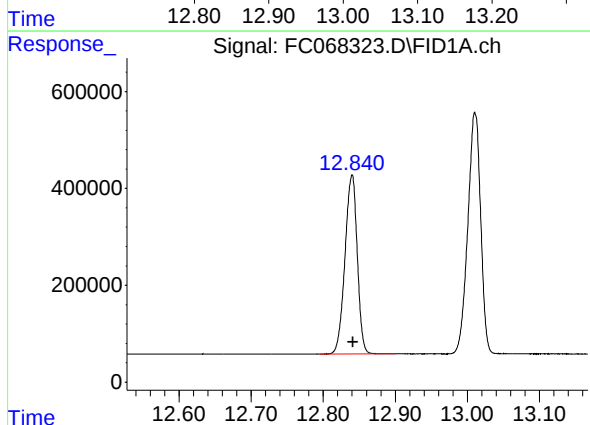
R.T.: 12.400 min
Delta R.T.: 0.000 min
Response: 6468032
Conc: 49.64 ug/ml



#11 n-Heneicosane (C21)

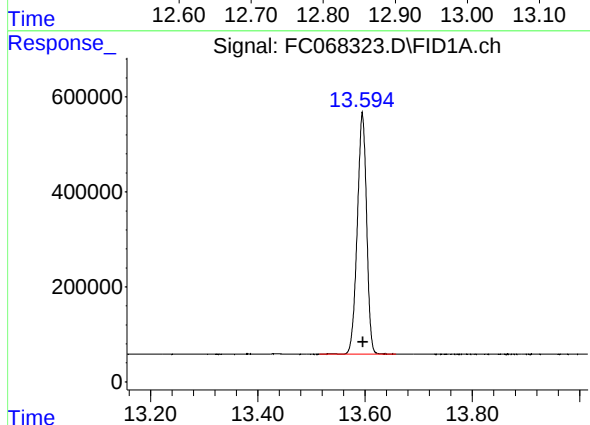
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 6177617
Conc: 48.32 ug/ml

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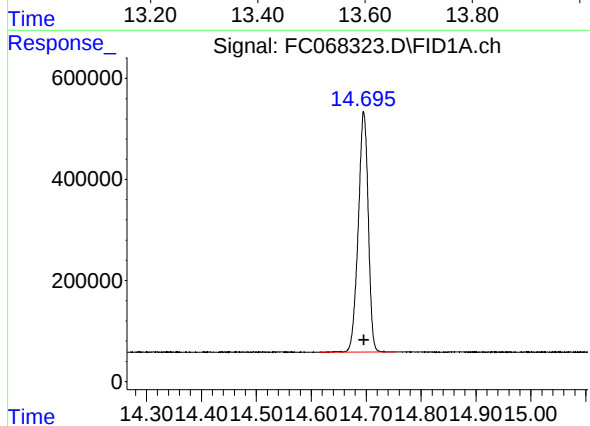
#12 1-chlorooctadecane (SURR)

R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 4376930
Conc: 38.91 ug/ml



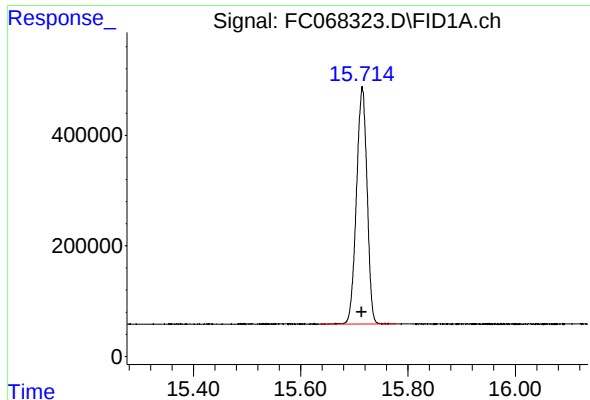
#13 n-Docosane (C22)

R.T.: 13.595 min
Delta R.T.: 0.000 min
Response: 6141972
Conc: 48.73 ug/ml



#14 n-Tetracosane (C24)

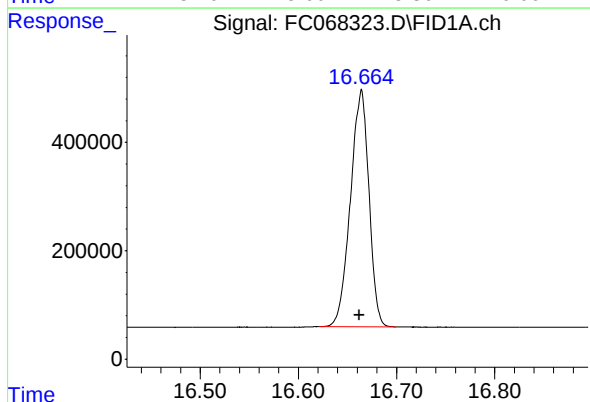
R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 6008487
Conc: 48.31 ug/ml



#15 n-Hexacosane (C26)

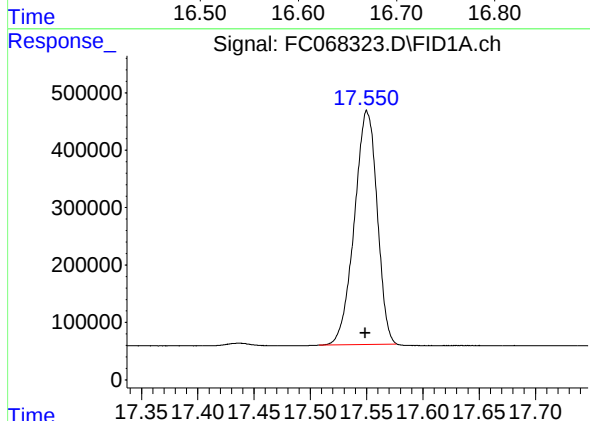
R.T.: 15.715 min
Delta R.T.: 0.000 min
Response: 5879209
Conc: 48.35 ug/ml

Instrument :
FID_C
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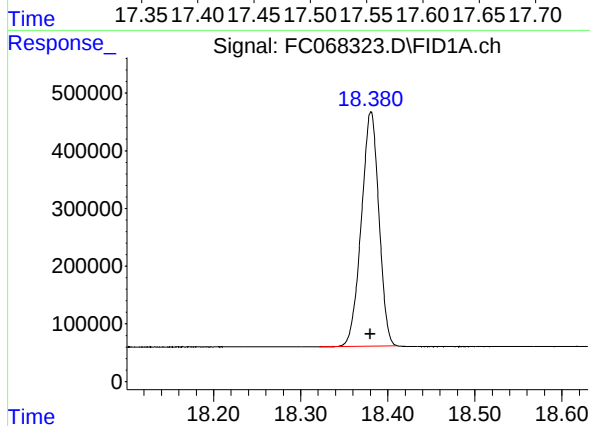
#16 n-Octacosane (C28)

R.T.: 16.664 min
Delta R.T.: 0.002 min
Response: 5728664
Conc: 48.23 ug/ml



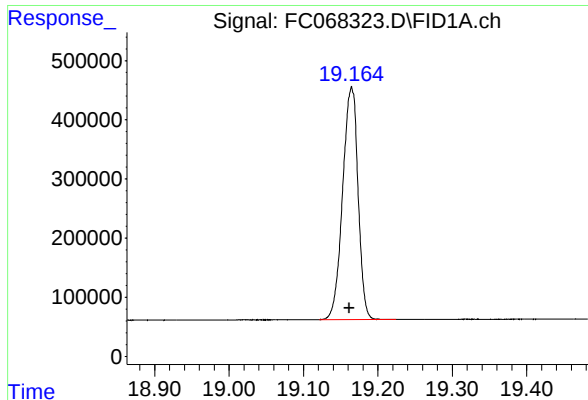
#17 n-Tricontane (C30)

R.T.: 17.550 min
Delta R.T.: 0.001 min
Response: 5730289
Conc: 47.61 ug/ml



#18 n-Dotriacontane (C32)

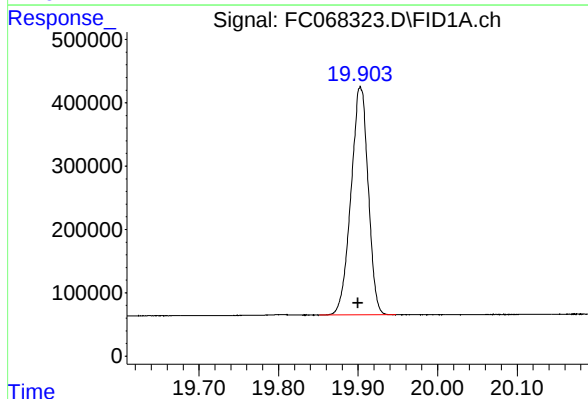
R.T.: 18.381 min
Delta R.T.: 0.000 min
Response: 5695730
Conc: 49.07 ug/ml



#19 n-Tetratriacontane (C34)

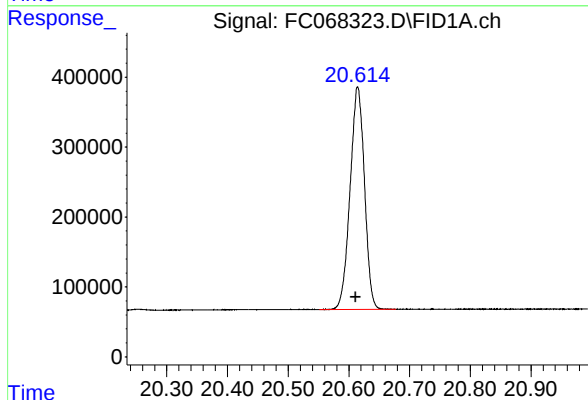
R.T.: 19.164 min
Delta R.T.: 0.003 min
Response: 5652338
Conc: 52.31 ug/ml

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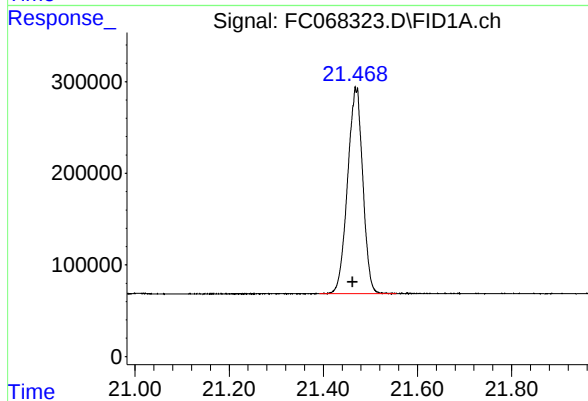
#20 n-Hexatriacontane (C36)

R.T.: 19.903 min
Delta R.T.: 0.003 min
Response: 5406820
Conc: 56.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.615 min
Delta R.T.: 0.004 min
Response: 5240074
Conc: 58.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.470 min
Delta R.T.: 0.007 min
Response: 5034272
Conc: 58.19 ug/ml