

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057727.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 00:13
 Operator : AJ\MA
 Sample : M4068-07
 Misc : 4 PPM LOD WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Integration File: autoint1.e
 Quant Time: Jan 06 02:12:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.154	7547801	51.211 ug/ml
Spiked Amount 50.000		Recovery =	102.42%
Target Compounds			
1) T n-Nonane (C9)	2.641	648517	4.055 ug/ml
2) T n-Decane (C10)	3.631	658838	4.099 ug/ml
4) T n-Dodecane (C12)	5.602	680167	4.217 ug/ml
6) T n-Tetradecane (C14)	7.382	694740	4.208 ug/ml
7) T n-Hexadecane (C16)	8.973	712927	4.268 ug/ml
8) T n-Octadecane (C18)	10.407	743776	4.322 ug/ml
10) T n-Eicosane (C20)	11.710	727434	4.249 ug/ml
11) T n-Heneicosane (C21)	12.319	732203	4.234 ug/ml
13) T n-Docosane (C22)	12.902	726758	4.201 ug/ml
14) T n-Tetracosane (C24)	14.001	714451	4.127 ug/ml
15) T n-Hexacosane (C26)	15.018	704952	4.189 ug/ml
16) T n-Octacosane (C28)	15.965	686242	4.194 ug/ml
17) T n-Tricontane (C30)	16.850	665177	4.261 ug/ml
18) T n-Dotriacontane (C32)	17.679	626930	4.497 ug/ml
19) T n-Tetratriacontane (C34)	18.461	587223	4.725 ug/ml
20) T n-Hexatriacontane (C36)	19.200	541485	4.870 ug/ml
21) T n-Octatriacontane (C38)	19.906	520596	4.991 ug/ml
22) T n-Tetracontane (C40)	20.734	502552	5.248 ug/ml

(f)=RT Delta > 1/2 Window

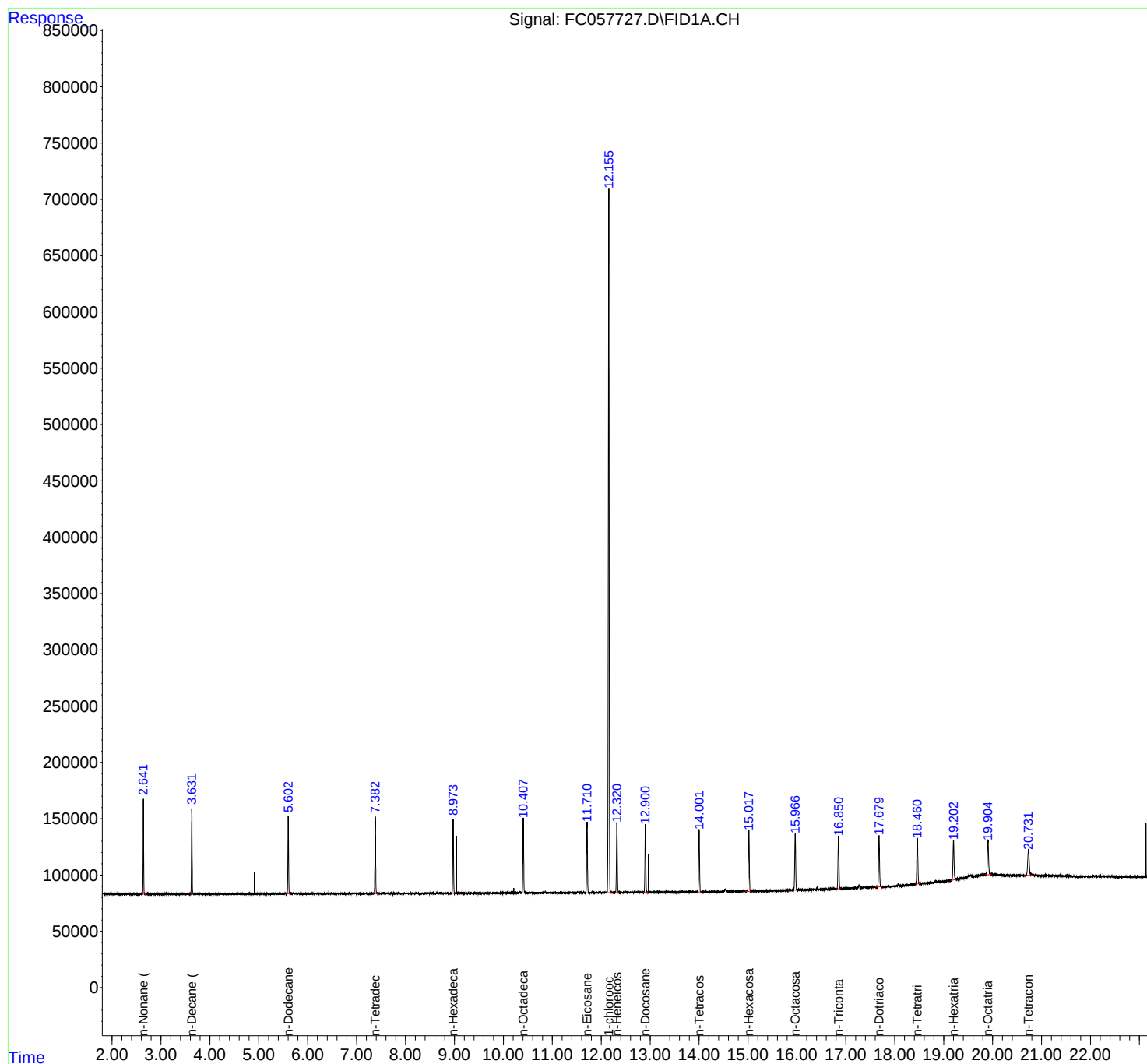
(m)=manual int.

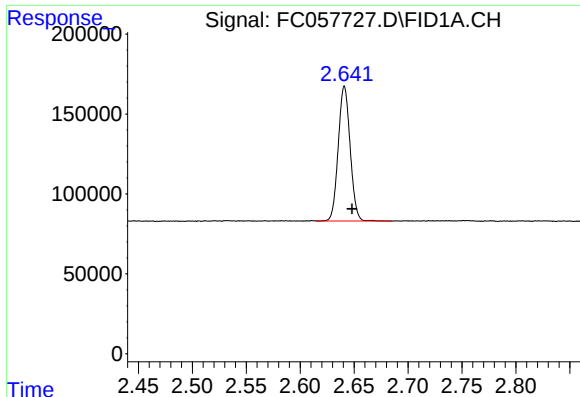
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
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Signal Info : 20M x 0.18mm x 0.18um

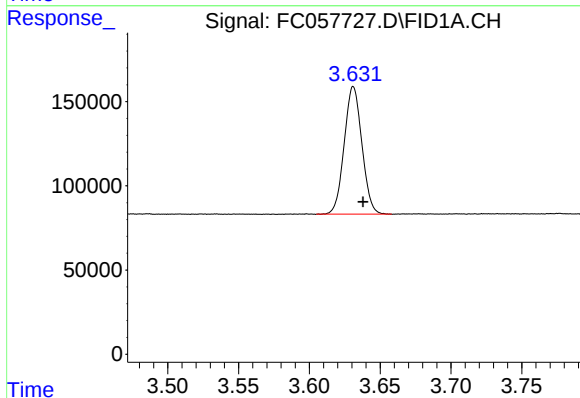




#1 n-Nonane (C9)

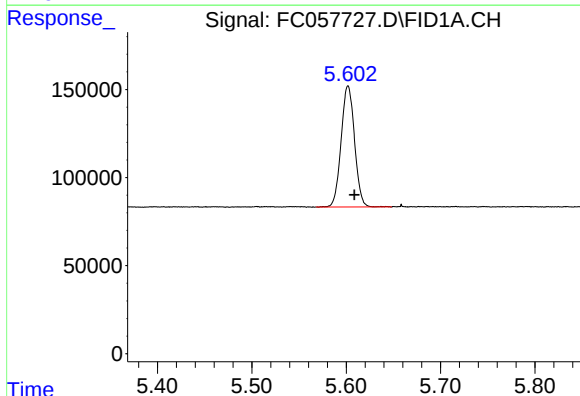
R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 648517
Conc: 4.06 ug/ml

Instrument :
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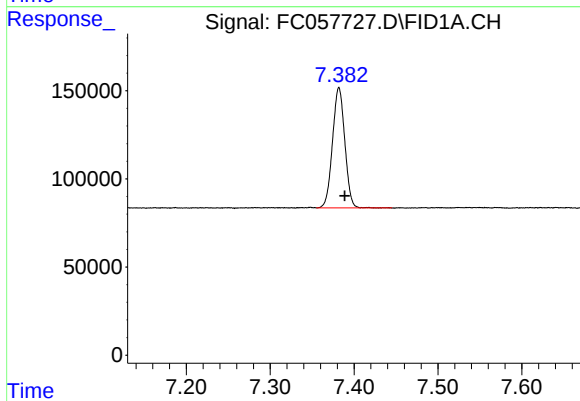
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.007 min
Response: 658838
Conc: 4.10 ug/ml



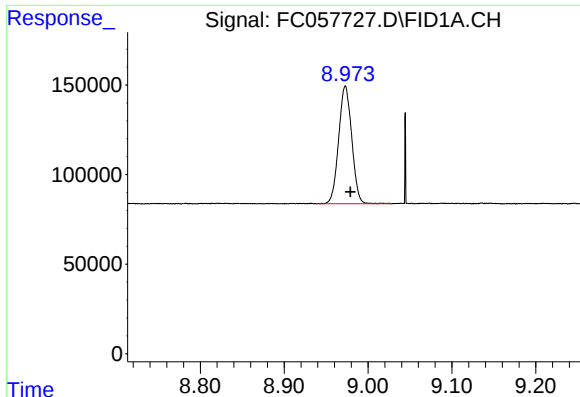
#4 n-Dodecane (C12)

R.T.: 5.602 min
Delta R.T.: -0.007 min
Response: 680167
Conc: 4.22 ug/ml



#6 n-Tetradecane (C14)

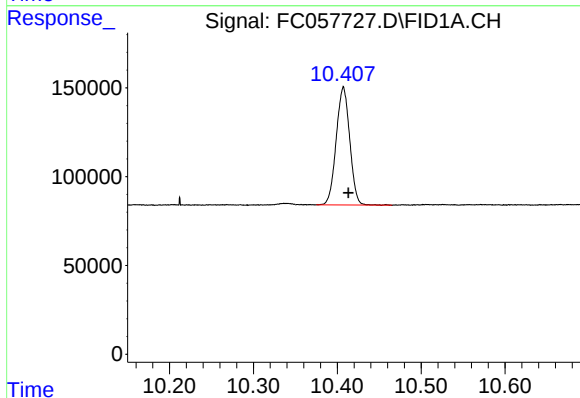
R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 694740
Conc: 4.21 ug/ml



#7 n-Hexadecane (C16)

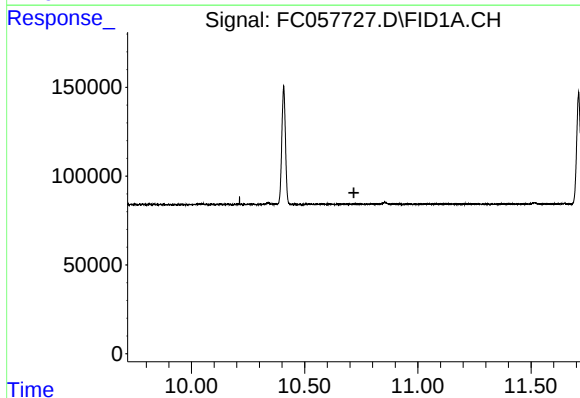
R.T.: 8.973 min
Delta R.T.: -0.006 min
Response: 712927
Conc: 4.27 ug/ml

Instrument :
FID_C
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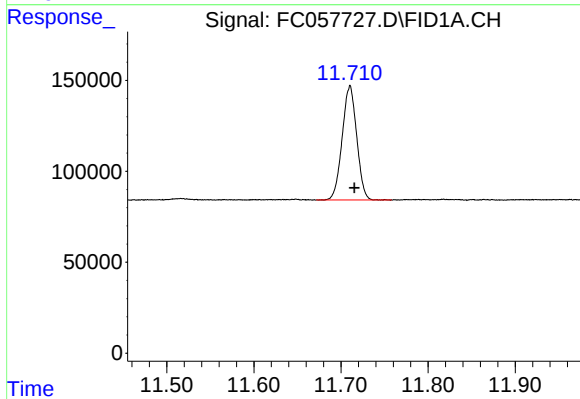
#8 n-Octadecane (C18)

R.T.: 10.407 min
Delta R.T.: -0.006 min
Response: 743776
Conc: 4.32 ug/ml



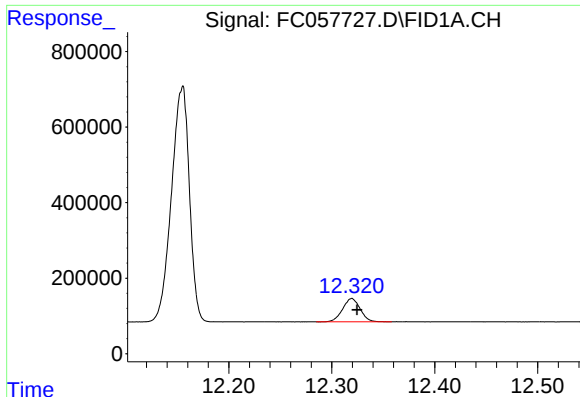
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 10.717 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

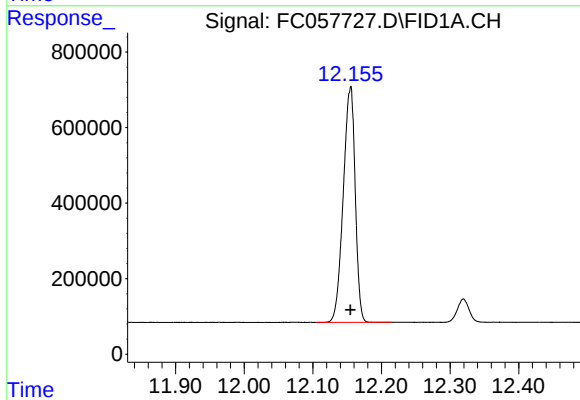
R.T.: 11.710 min
Delta R.T.: -0.005 min
Response: 727434
Conc: 4.25 ug/ml



#11 n-Heneicosane (C21)

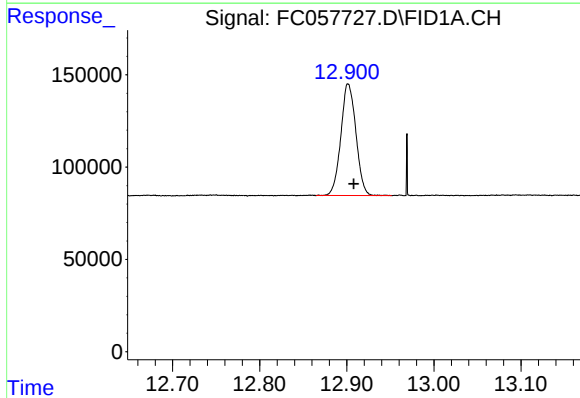
R.T.: 12.319 min
Delta R.T.: -0.005 min
Response: 732203
Conc: 4.23 ug/ml

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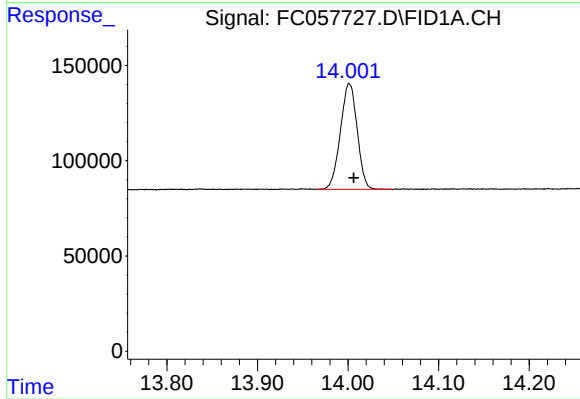
#12 1-chlorooctadecane (SURR)

R.T.: 12.154 min
Delta R.T.: 0.000 min
Response: 7547801
Conc: 51.21 ug/ml



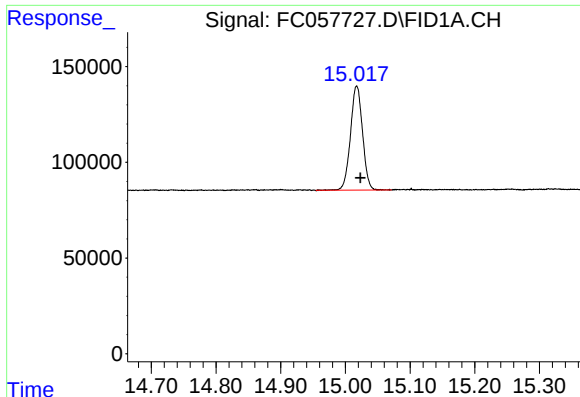
#13 n-Docosane (C22)

R.T.: 12.902 min
Delta R.T.: -0.006 min
Response: 726758
Conc: 4.20 ug/ml



#14 n-Tetracosane (C24)

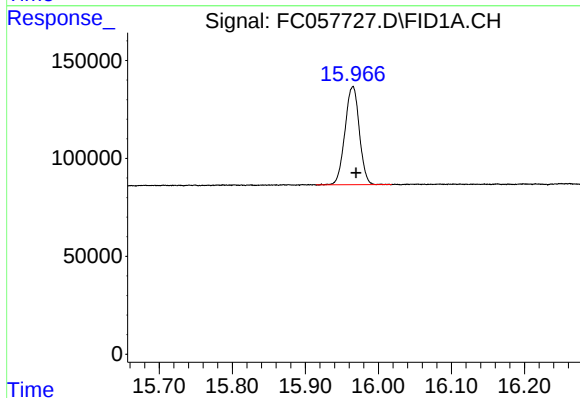
R.T.: 14.001 min
Delta R.T.: -0.005 min
Response: 714451
Conc: 4.13 ug/ml



#15 n-Hexacosane (C26)

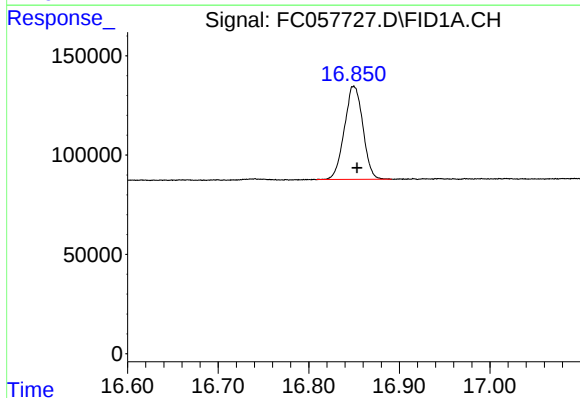
R.T.: 15.018 min
Delta R.T.: -0.006 min
Response: 704952
Conc: 4.19 ug/ml

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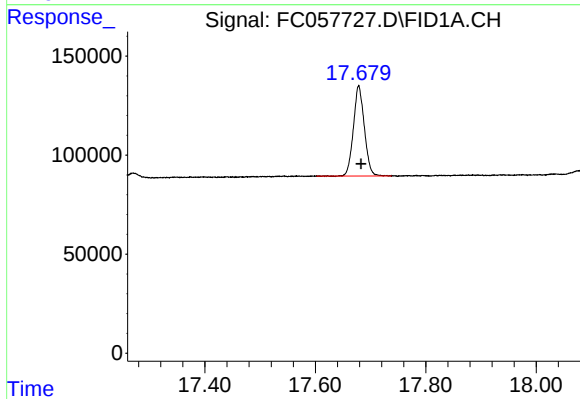
#16 n-Octacosane (C28)

R.T.: 15.965 min
Delta R.T.: -0.005 min
Response: 686242
Conc: 4.19 ug/ml



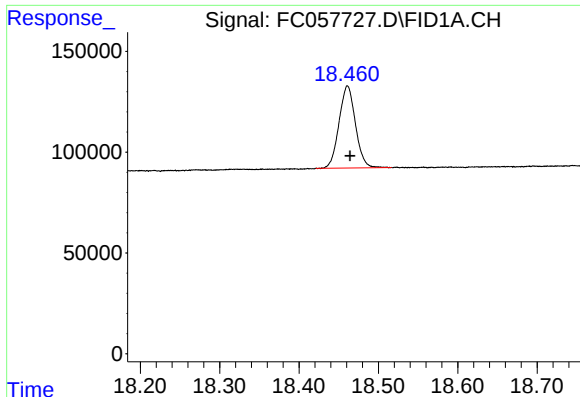
#17 n-Tricontane (C30)

R.T.: 16.850 min
Delta R.T.: -0.004 min
Response: 665177
Conc: 4.26 ug/ml



#18 n-Dotriacontane (C32)

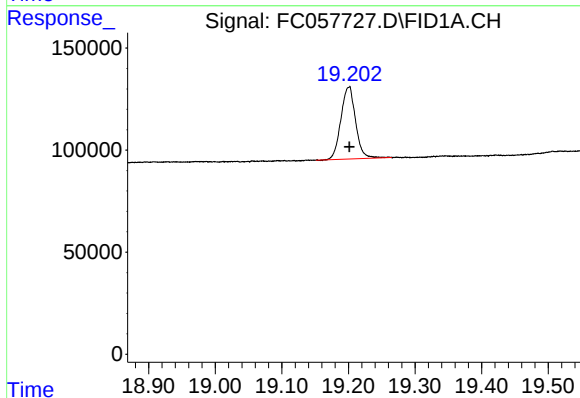
R.T.: 17.679 min
Delta R.T.: -0.004 min
Response: 626930
Conc: 4.50 ug/ml



#19 n-Tetratriacontane (C34)

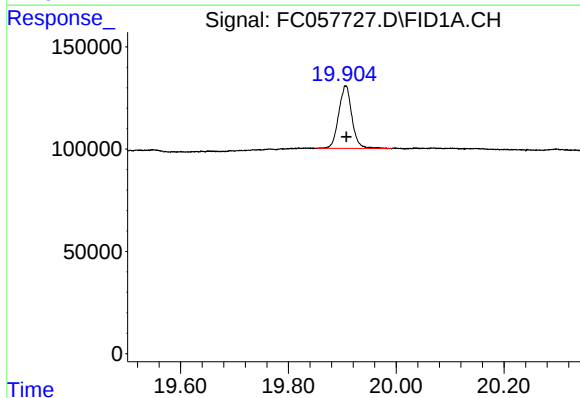
R.T.: 18.461 min
Delta R.T.: -0.003 min
Response: 587223
Conc: 4.72 ug/ml

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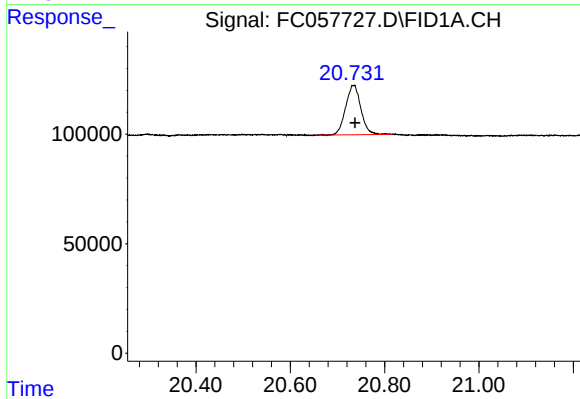
#20 n-Hexatriacontane (C36)

R.T.: 19.200 min
Delta R.T.: -0.001 min
Response: 541485
Conc: 4.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.906 min
Delta R.T.: -0.001 min
Response: 520596
Conc: 4.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.734 min
Delta R.T.: -0.003 min
Response: 502552
Conc: 5.25 ug/ml