

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057726.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 23:40
 Operator : AJ\MA
 Sample : M4068-07
 Misc : 2.5 PPM LOD WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Jan 06 02:11:39 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...	12.155	7224241	49.015 ug/ml
Spiked Amount 50.000		Recovery =	98.03%
Target Compounds			
1) T n-Nonane (C9)	2.642	423242	2.647 ug/ml
2) T n-Decane (C10)	3.632	429692	2.673 ug/ml
4) T n-Dodecane (C12)	5.603	437263	2.711 ug/ml
6) T n-Tetradecane (C14)	7.382	451925	2.737 ug/ml
7) T n-Hexadecane (C16)	8.973	461723	2.764 ug/ml
8) T n-Octadecane (C18)	10.407	482074	2.801 ug/ml
10) T n-Eicosane (C20)	11.711	475643	2.778 ug/ml
11) T n-Heneicosane (C21)	12.319	488811	2.827 ug/ml
13) T n-Docosane (C22)	12.902	480958	2.780 ug/ml
14) T n-Tetracosane (C24)	14.000	463428	2.677 ug/ml
15) T n-Hexacosane (C26)	15.018	457231	2.717 ug/ml
16) T n-Octacosane (C28)	15.964	455076	2.781 ug/ml
17) T n-Tricontane (C30)	16.849	459438	2.943 ug/ml
18) T n-Dotriacontane (C32)	17.679	436430	3.130 ug/ml
19) T n-Tetratriacontane (C34)	18.462	407005	3.275 ug/ml
20) T n-Hexatriacontane (C36)	19.198	354255	3.186 ug/ml
21) T n-Octatriacontane (C38)	19.905	336858	3.229 ug/ml
22) T n-Tetracontane (C40)	20.732	326511	3.410 ug/ml

(f)=RT Delta > 1/2 Window

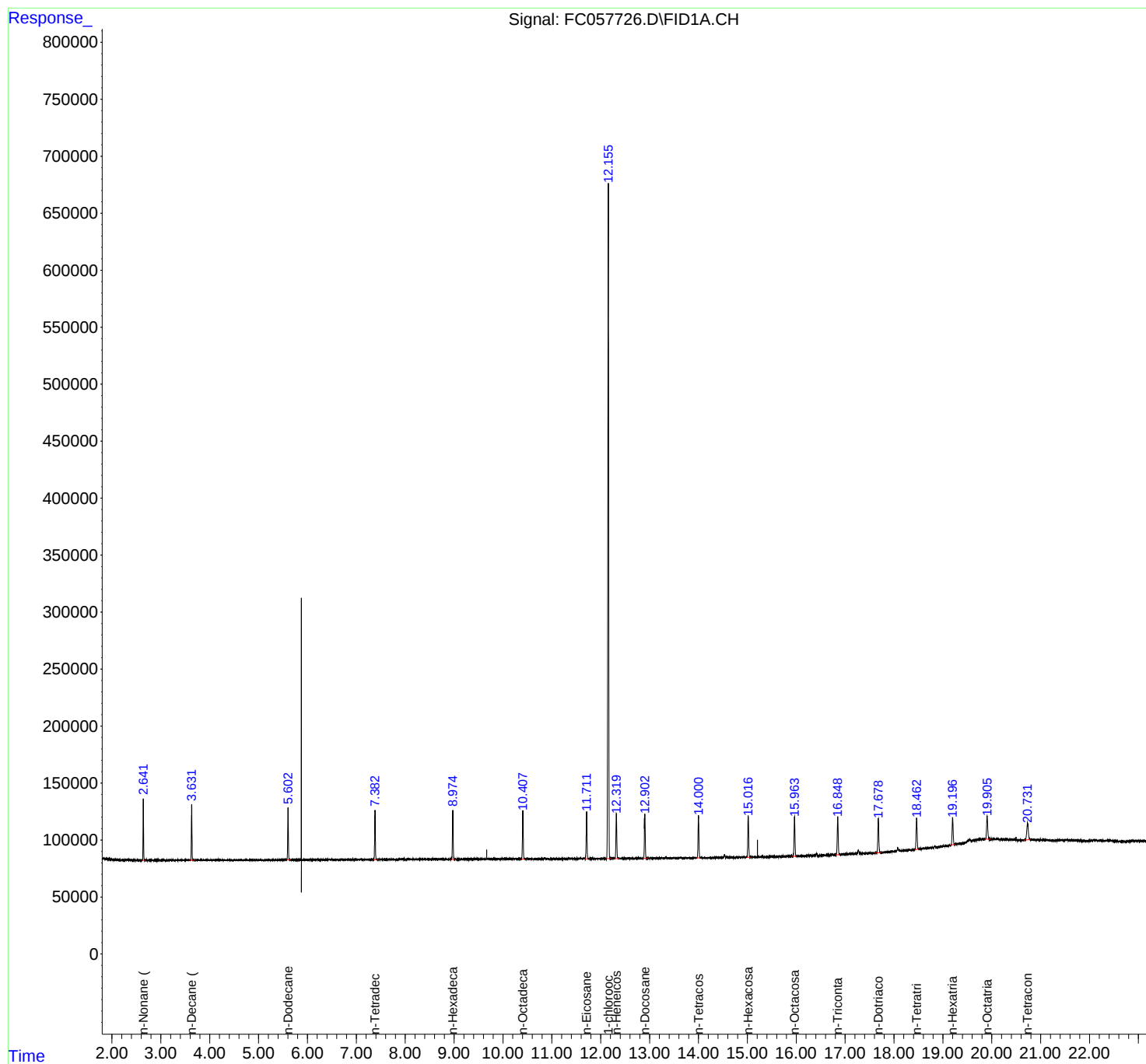
(m)=manual int.

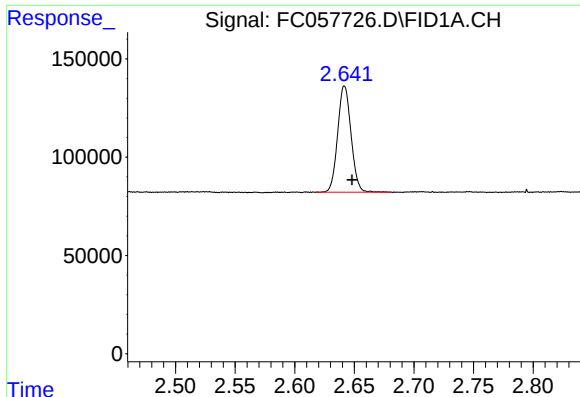
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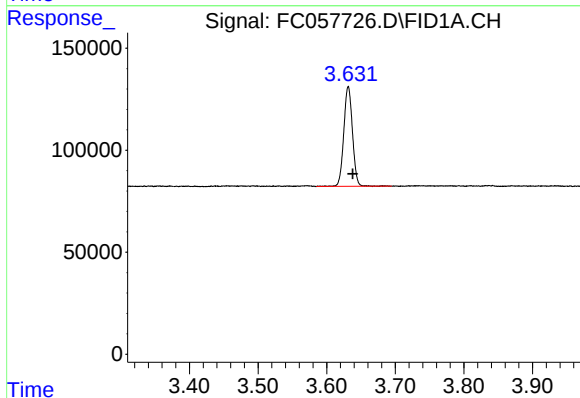




#1 n-Nonane (C9)

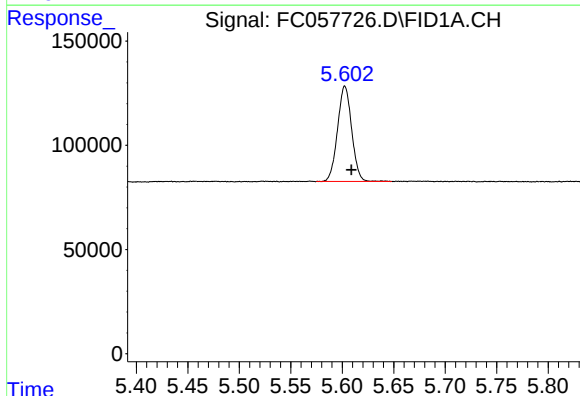
R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 423242
Conc: 2.65 ug/ml

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



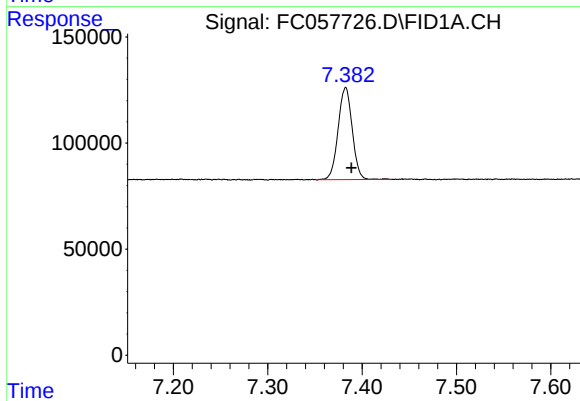
#2 n-Decane (C10)

R.T.: 3.632 min
Delta R.T.: -0.006 min
Response: 429692
Conc: 2.67 ug/ml



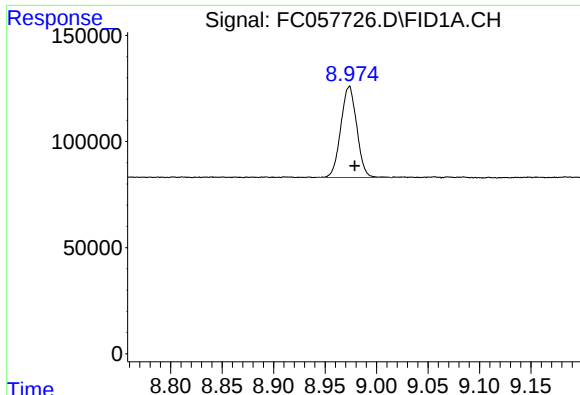
#4 n-Dodecane (C12)

R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 437263
Conc: 2.71 ug/ml



#6 n-Tetradecane (C14)

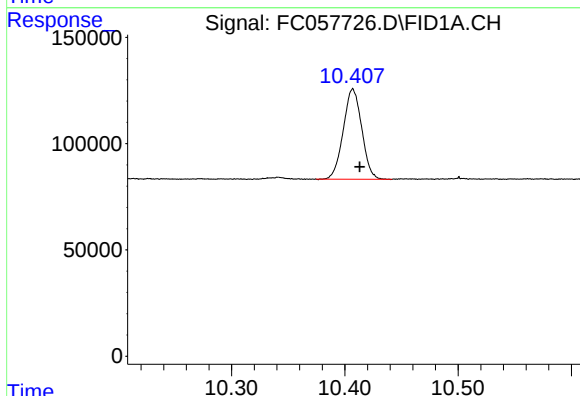
R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 451925
Conc: 2.74 ug/ml



#7 n-Hexadecane (C16)

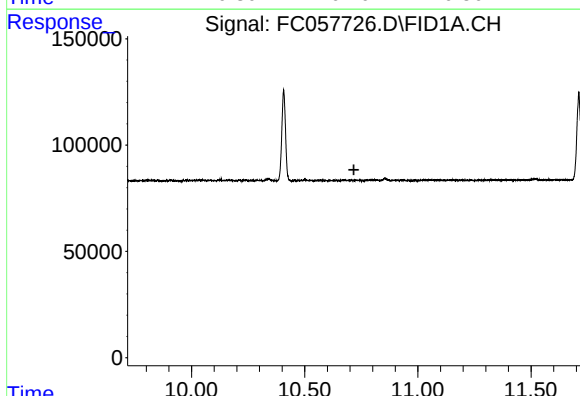
R.T.: 8.973 min
Delta R.T.: -0.006 min
Response: 461723
Conc: 2.76 ug/ml

Instrument :
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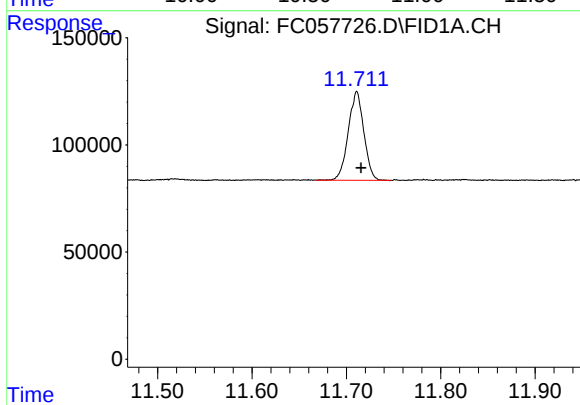
#8 n-Octadecane (C18)

R.T.: 10.407 min
Delta R.T.: -0.006 min
Response: 482074
Conc: 2.80 ug/ml



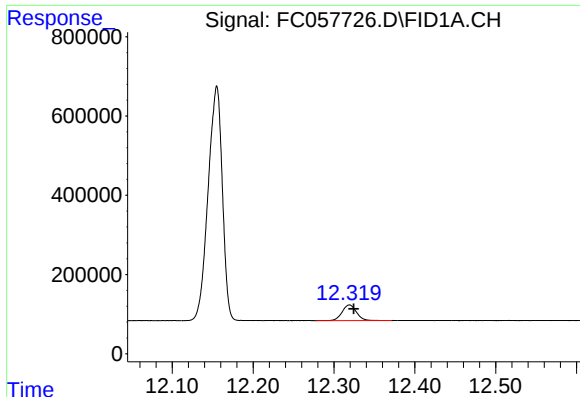
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

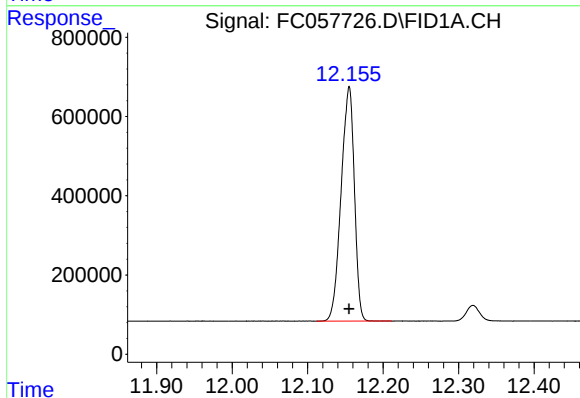
R.T.: 11.711 min
Delta R.T.: -0.005 min
Response: 475643
Conc: 2.78 ug/ml



#11 n-Heneicosane (C21)

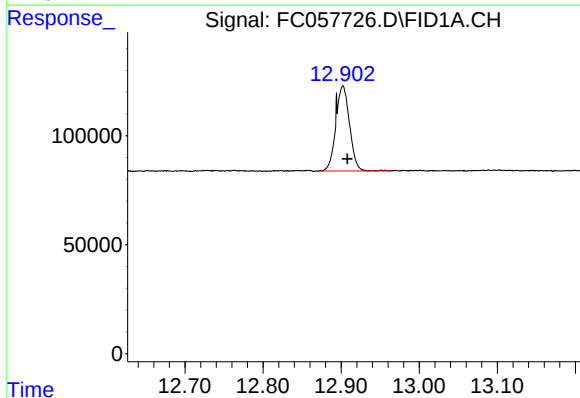
R.T.: 12.319 min
Delta R.T.: -0.005 min
Response: 488811
Conc: 2.83 ug/ml

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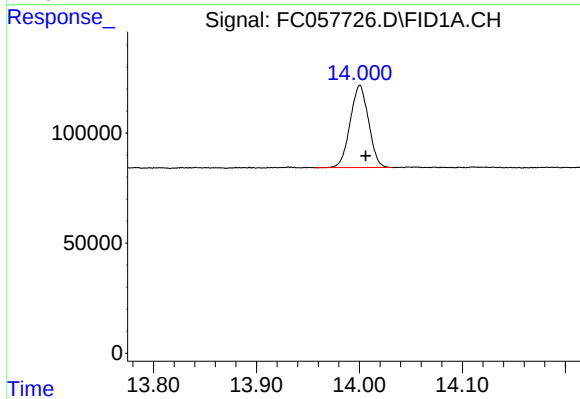
#12 1-chlorooctadecane (SURR)

R.T.: 12.155 min
Delta R.T.: 0.000 min
Response: 7224241
Conc: 49.02 ug/ml



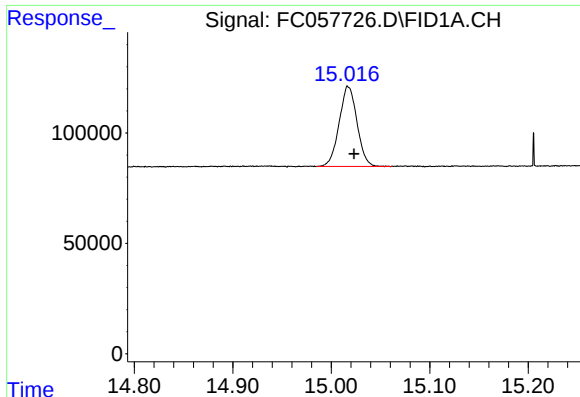
#13 n-Docosane (C22)

R.T.: 12.902 min
Delta R.T.: -0.006 min
Response: 480958
Conc: 2.78 ug/ml



#14 n-Tetracosane (C24)

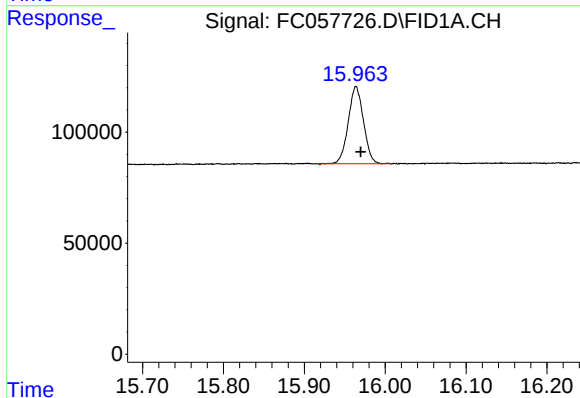
R.T.: 14.000 min
Delta R.T.: -0.006 min
Response: 463428
Conc: 2.68 ug/ml



#15 n-Hexacosane (C26)

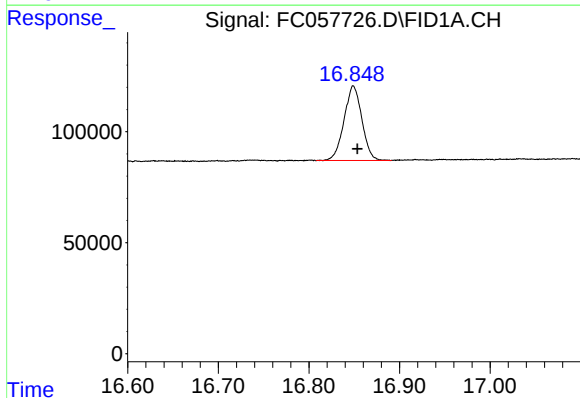
R.T.: 15.018 min
Delta R.T.: -0.006 min
Response: 457231
Conc: 2.72 ug/ml

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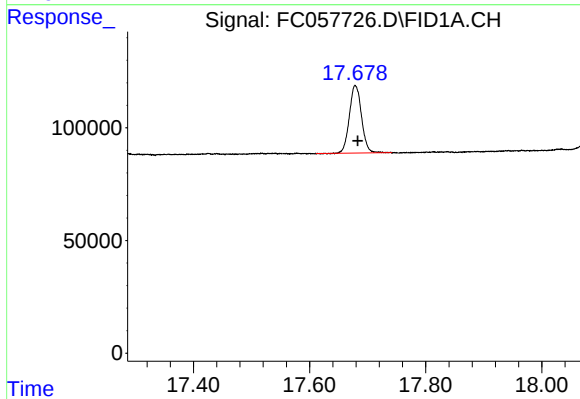
#16 n-Octacosane (C28)

R.T.: 15.964 min
Delta R.T.: -0.006 min
Response: 455076
Conc: 2.78 ug/ml



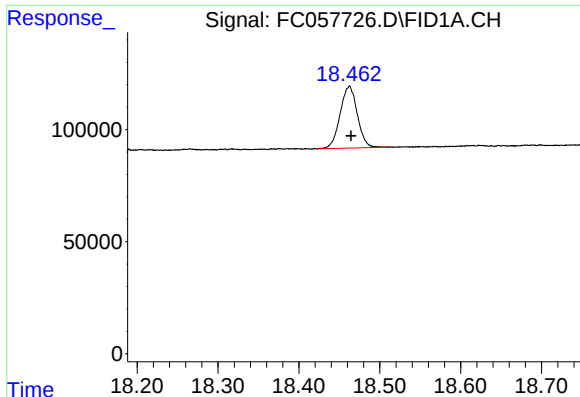
#17 n-Tricontane (C30)

R.T.: 16.849 min
Delta R.T.: -0.004 min
Response: 459438
Conc: 2.94 ug/ml



#18 n-Dotriacontane (C32)

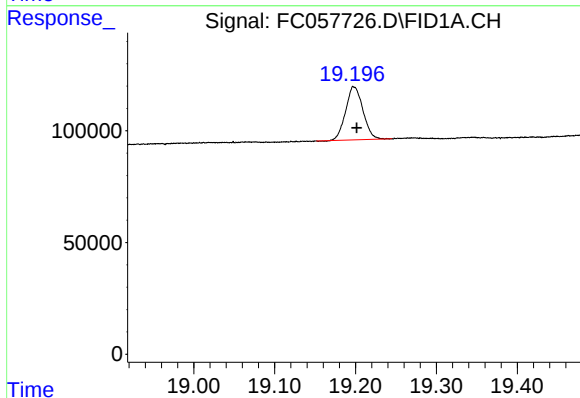
R.T.: 17.679 min
Delta R.T.: -0.004 min
Response: 436430
Conc: 3.13 ug/ml



#19 n-Tetratriacontane (C34)

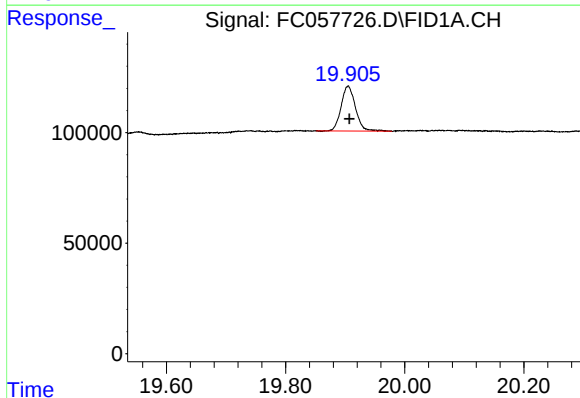
R.T.: 18.462 min
Delta R.T.: -0.002 min
Response: 407005
Conc: 3.27 ug/ml

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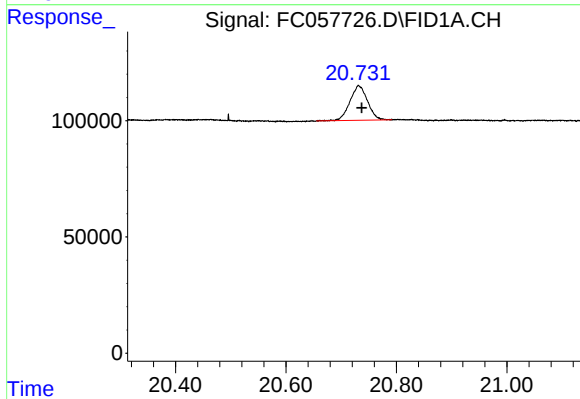
#20 n-Hexatriacontane (C36)

R.T.: 19.198 min
Delta R.T.: -0.003 min
Response: 354255
Conc: 3.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.905 min
Delta R.T.: -0.003 min
Response: 336858
Conc: 3.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.732 min
Delta R.T.: -0.005 min
Response: 326511
Conc: 3.41 ug/ml