

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057728.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 00:46
 Operator : AJ\MA
 Sample : M4068-08
 Misc : 5 PPM LOQ WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2022
 Supervised By :Ankita Jodhani 01/06/2022

Integration File: autoint1.e
 Quant Time: Jan 06 02:12:25 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...	12.153	6039537	40.977 ug/ml
Spiked Amount 50.000		Recovery =	81.95%
Target Compounds			
1) T n-Nonane (C9)	2.640	825696	5.163 ug/ml
2) T n-Decane (C10)	3.631	835933	5.201 ug/ml
4) T n-Dodecane (C12)	5.602	857150	5.315 ug/ml
6) T n-Tetradecane (C14)	7.382	872913	5.287 ug/ml
7) T n-Hexadecane (C16)	8.972	900190	5.389 ug/ml
8) T n-Octadecane (C18)	10.407	938551	5.454 ug/ml
10) T n-Eicosane (C20)	11.710	918070	5.363 ug/ml
11) T n-Heneicosane (C21)	12.319	930605	5.382 ug/ml
13) T n-Docosane (C22)	12.903	923818	5.340 ug/ml
14) T n-Tetracosane (C24)	14.000	911252	5.264 ug/ml
15) T n-Hexacosane (C26)	15.018	889533	5.286 ug/ml
16) T n-Octacosane (C28)	15.964	893134	5.458 ug/ml
17) T n-Tricontane (C30)	16.848	859381	5.504 ug/ml
18) T n-Dotriacontane (C32)	17.680	808514	5.799 ug/ml
19) T n-Tetratriacontane (C34)	18.461	767757	6.177 ug/ml
20) T n-Hexatriacontane (C36)	19.198	684048	6.153 ug/ml
21) T n-Octatriacontane (C38)	19.904	636909	6.106 ug/ml
22) T n-Tetracontane (C40)	20.730	613821	6.411 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

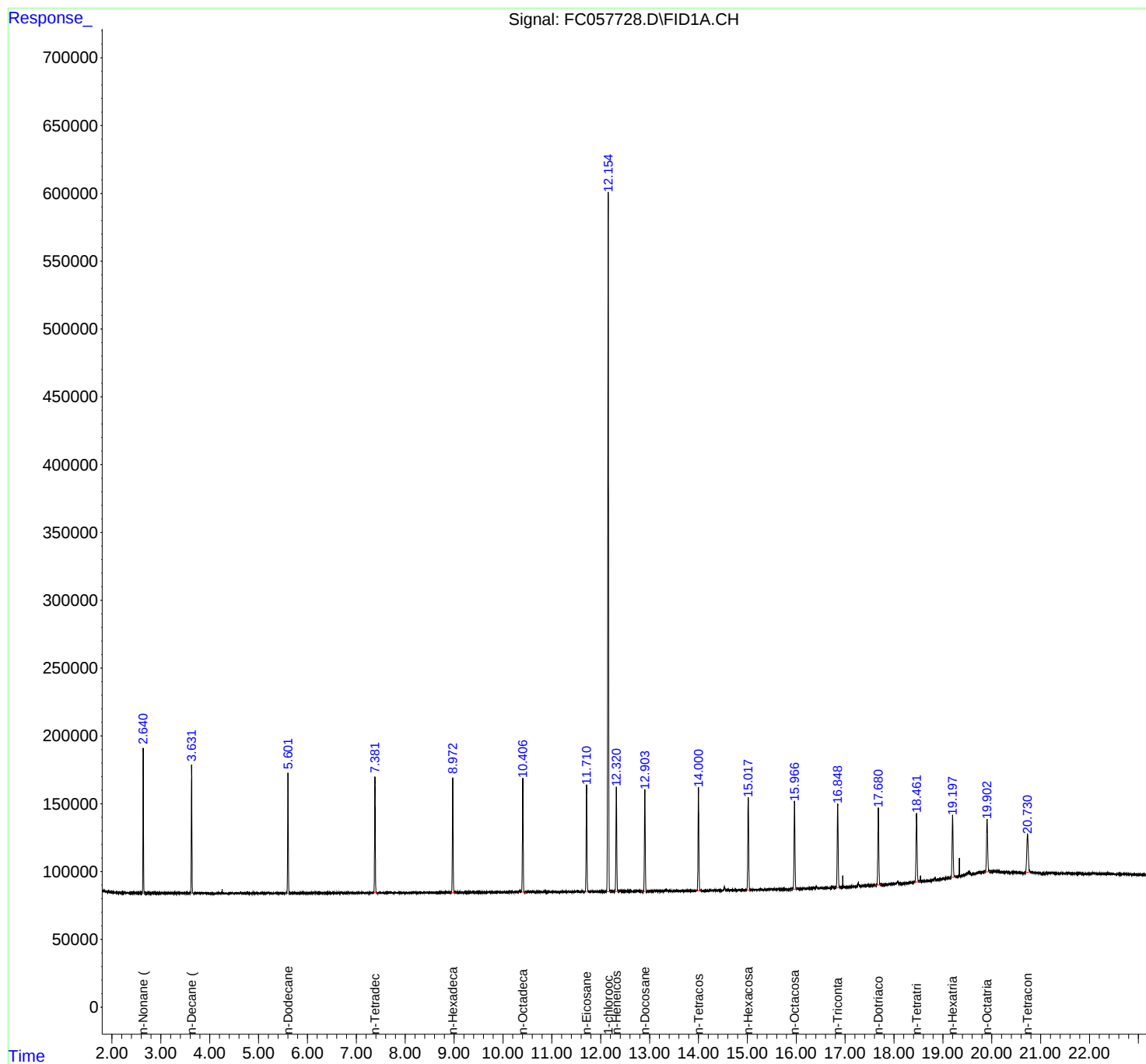
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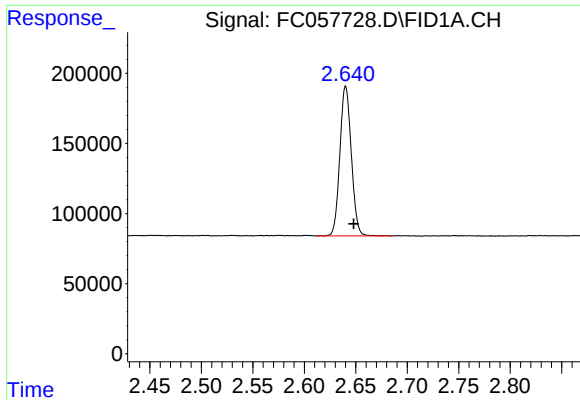
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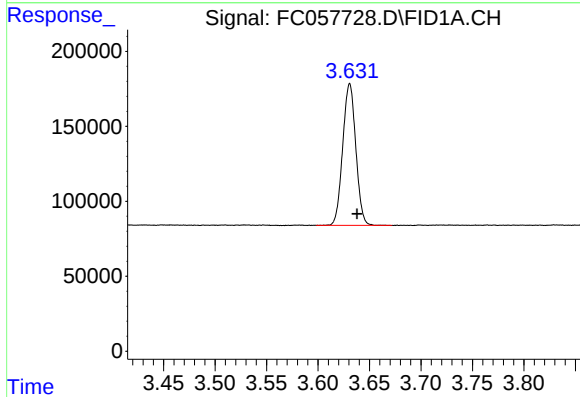
#1 n-Nonane (C9)

R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 825696
Conc: 5.16 ug/ml

Instrument :
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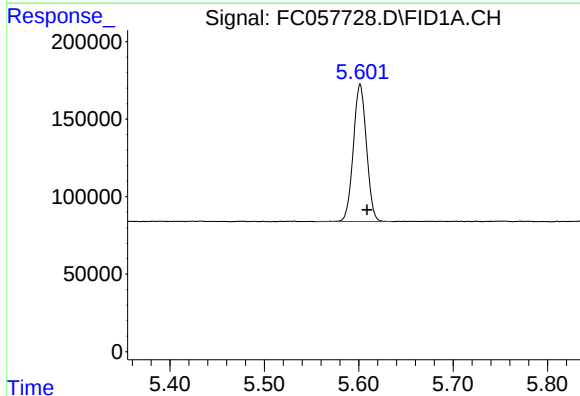
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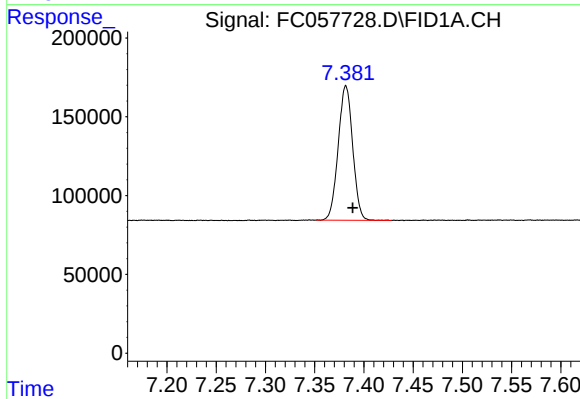
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.007 min
Response: 835933
Conc: 5.20 ug/ml



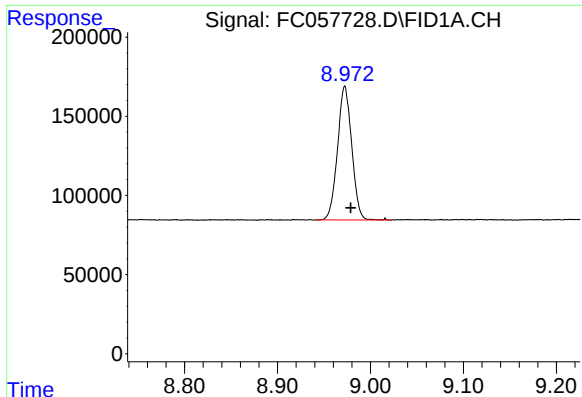
#4 n-Dodecane (C12)

R.T.: 5.602 min
Delta R.T.: -0.007 min
Response: 857150
Conc: 5.31 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 872913
Conc: 5.29 ug/ml



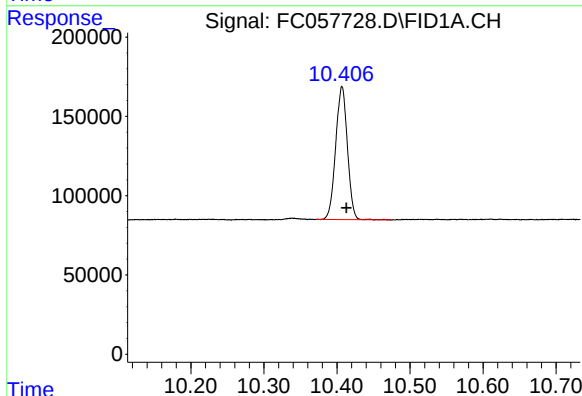
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.006 min
Response: 900190
Conc: 5.39 ug/ml

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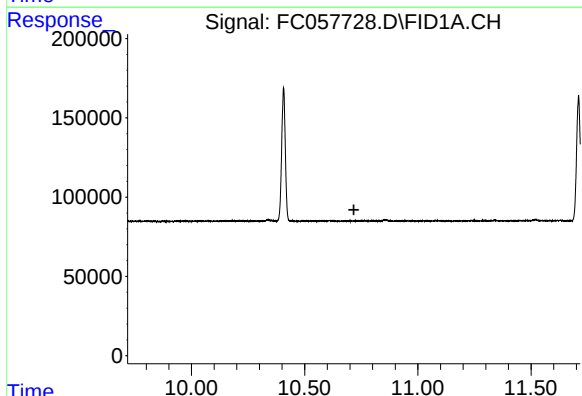
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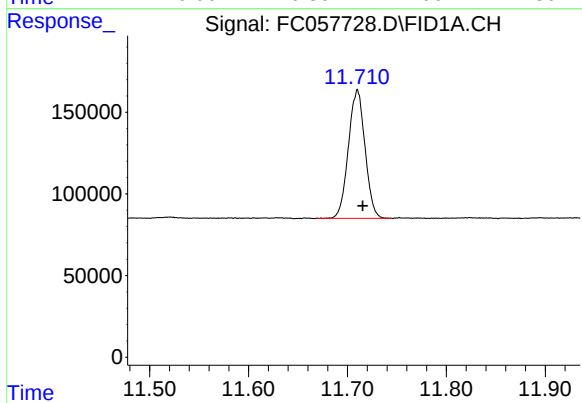
#8 n-Octadecane (C18)

R.T.: 10.407 min
Delta R.T.: -0.006 min
Response: 938551
Conc: 5.45 ug/ml



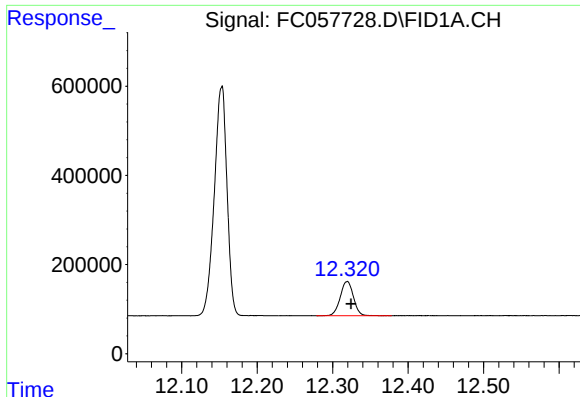
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.710 min
Delta R.T.: -0.006 min
Response: 918070
Conc: 5.36 ug/ml



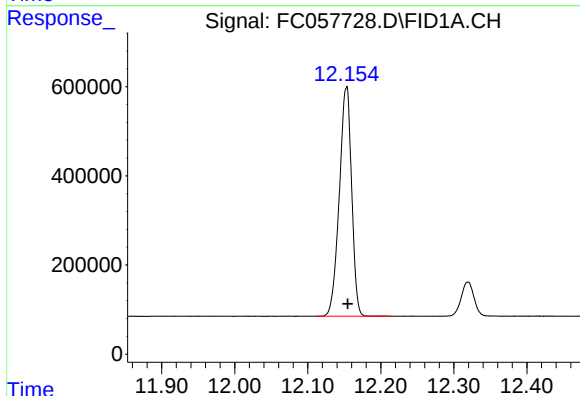
#11 n-Heneicosane (C21)

R.T.: 12.319 min
Delta R.T.: -0.005 min
Response: 930605
Conc: 5.38 ug/ml

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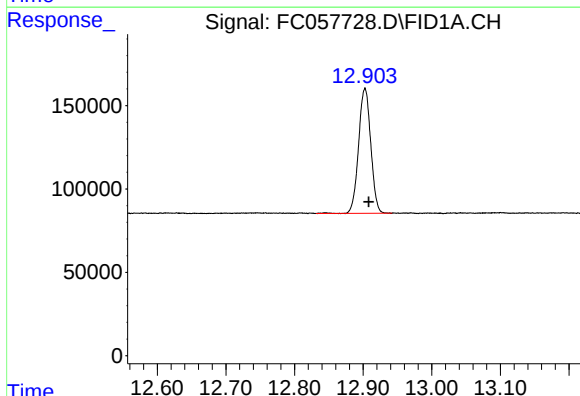
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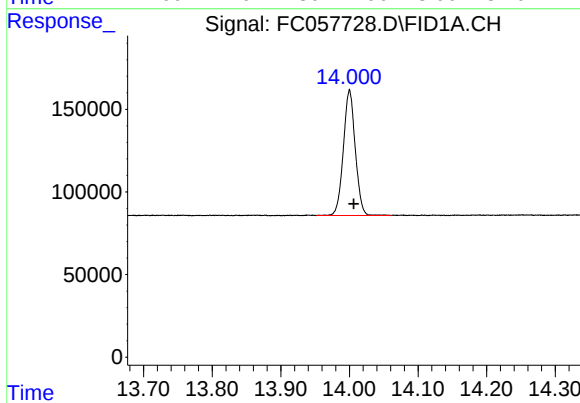
#12 1-chlorooctadecane (SURR)

R.T.: 12.153 min
Delta R.T.: -0.002 min
Response: 6039537
Conc: 40.98 ug/ml



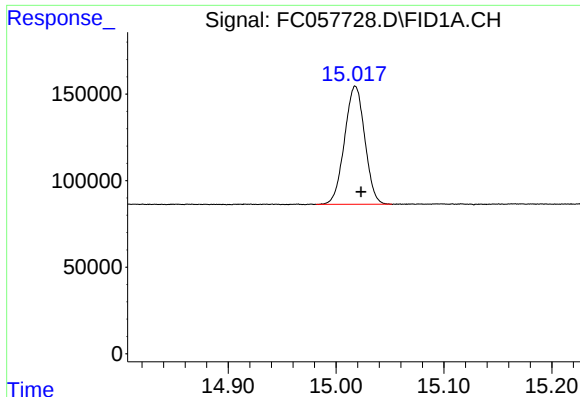
#13 n-Docosane (C22)

R.T.: 12.903 min
Delta R.T.: -0.005 min
Response: 923818
Conc: 5.34 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.000 min
Delta R.T.: -0.006 min
Response: 911252
Conc: 5.26 ug/ml



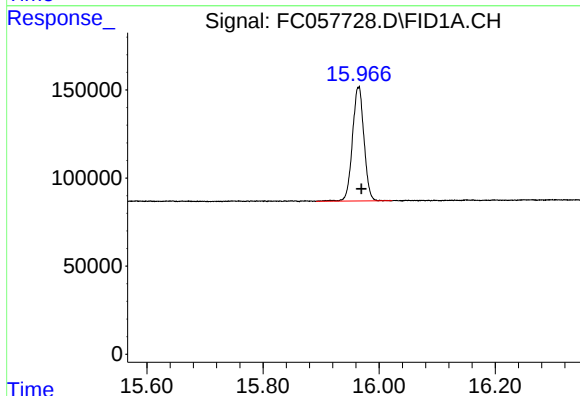
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.005 min
Response: 889533
Conc: 5.29 ug/ml

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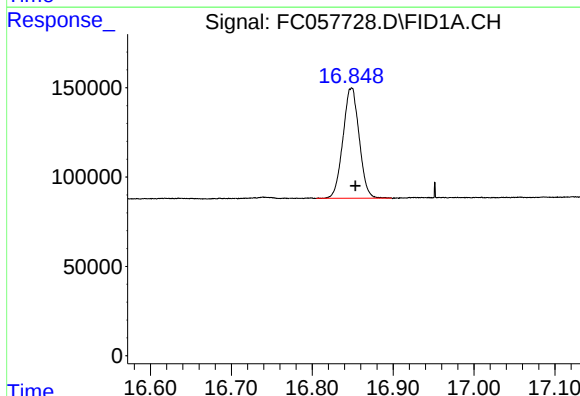
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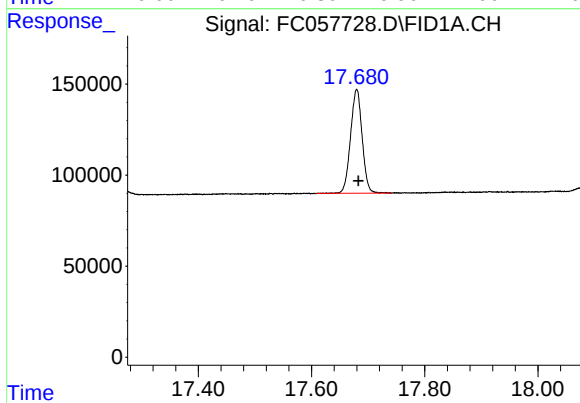
#16 n-Octacosane (C28)

R.T.: 15.964 min
Delta R.T.: -0.005 min
Response: 893134
Conc: 5.46 ug/ml



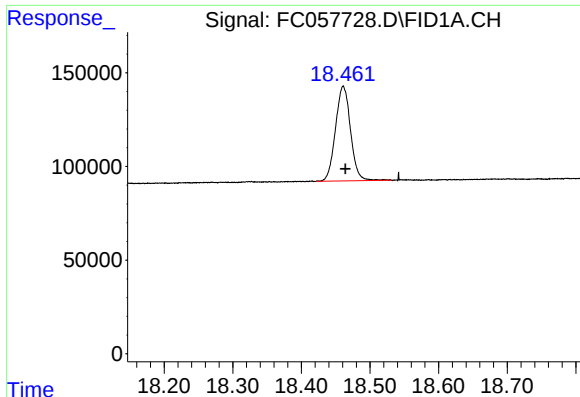
#17 n-Tricontane (C30)

R.T.: 16.848 min
Delta R.T.: -0.005 min
Response: 859381
Conc: 5.50 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.680 min
Delta R.T.: -0.003 min
Response: 808514
Conc: 5.80 ug/ml



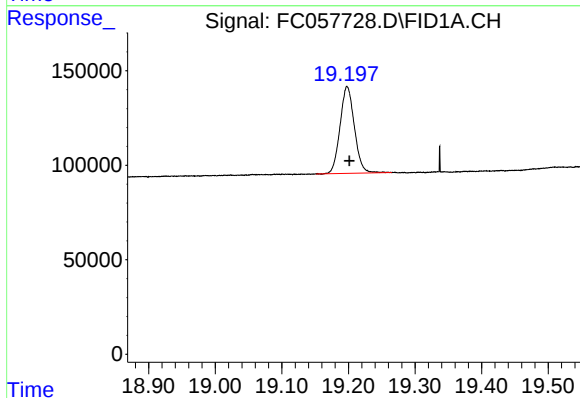
#19 n-Tetratriacontane (C34)

R.T.: 18.461 min
Delta R.T.: -0.003 min
Response: 767757
Conc: 6.18 ug/ml

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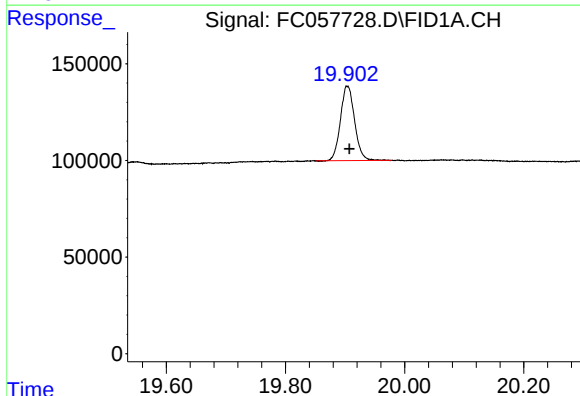
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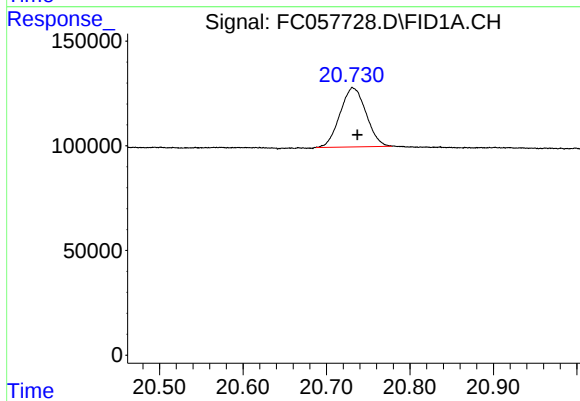
#20 n-Hexatriacontane (C36)

R.T.: 19.198 min
Delta R.T.: -0.003 min
Response: 684048
Conc: 6.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.904 min
Delta R.T.: -0.003 min
Response: 636909
Conc: 6.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.730 min
Delta R.T.: -0.007 min
Response: 613821
Conc: 6.41 ug/ml m