

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057730.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 1:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 06 02:13:05 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			
9) S ortho-Terphenyl (SURR)	10.712	4093417	21.169 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
12) S 1-chlorooctadecane (S...	12.150	3149632	21.370 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
Target Compounds			
1) T n-Nonane (C9)	2.640	3355719	20.985 ug/ml
2) T n-Decane (C10)	3.631	3395738	21.127 ug/ml
3) T A~Naphthalene (C11.7)	5.167	3842433	21.161 ug/ml
4) T n-Dodecane (C12)	5.602	3411732	21.154 ug/ml
5) T A~2-methylnaphthalene...	6.207	3869861	21.162 ug/ml
6) T n-Tetradecane (C14)	7.383	3486764	21.120 ug/ml
7) T n-Hexadecane (C16)	8.974	3539735	21.191 ug/ml
8) T n-Octadecane (C18)	10.408	3658872	21.262 ug/ml
10) T n-Eicosane (C20)	11.711	3626344	21.183 ug/ml
11) T n-Heneicosane (C21)	12.320	3676767	21.262 ug/ml
13) T n-Docosane (C22)	12.903	3644390	21.065 ug/ml
14) T n-Tetracosane (C24)	14.002	3653594	21.106 ug/ml
15) T n-Hexacosane (C26)	15.018	3548987	21.089 ug/ml
16) T n-Octacosane (C28)	15.966	3479492	21.263 ug/ml
17) T n-Tricontane (C30)	16.851	3352774	21.475 ug/ml
18) T n-Dotriacontane (C32)	17.680	3040425	21.807 ug/ml
19) T n-Tetratriacontane (C34)	18.463	2727053	21.941 ug/ml
20) T n-Hexatriacontane (C36)	19.199	2450942	22.045 ug/ml
21) T n-Octatriacontane (C38)	19.905	2254810	21.615 ug/ml
22) T n-Tetracontane (C40)	20.734	2228015	23.269 ug/ml

(f)=RT Delta > 1/2 Window

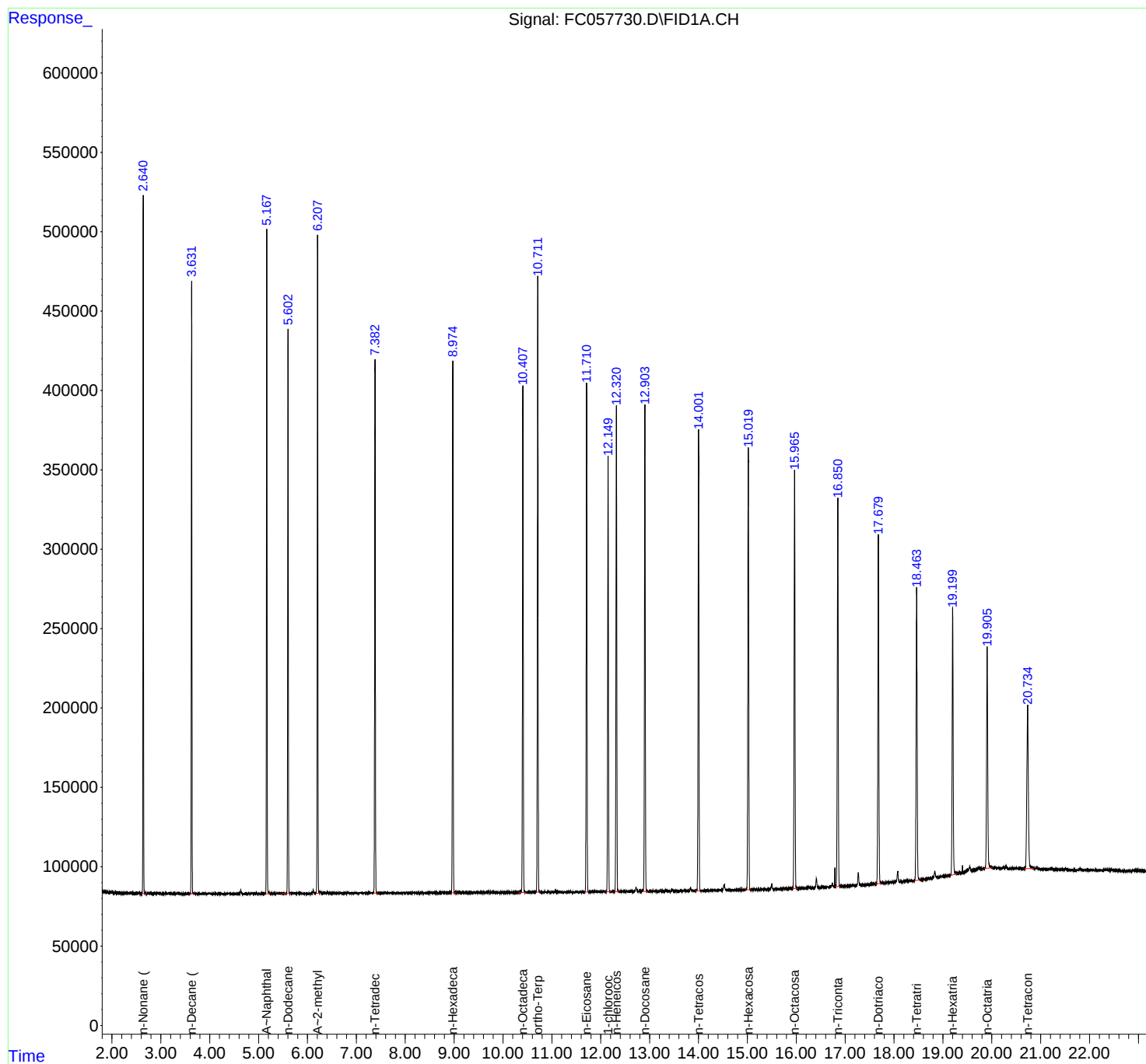
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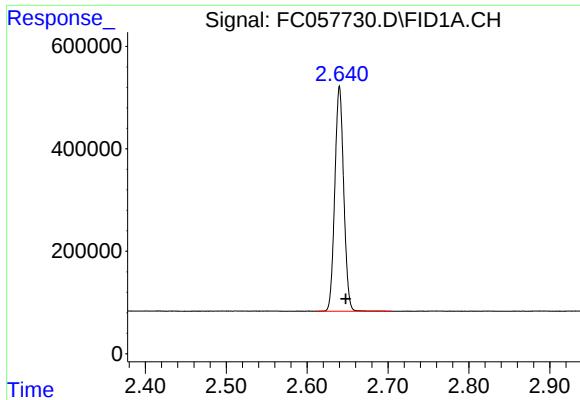
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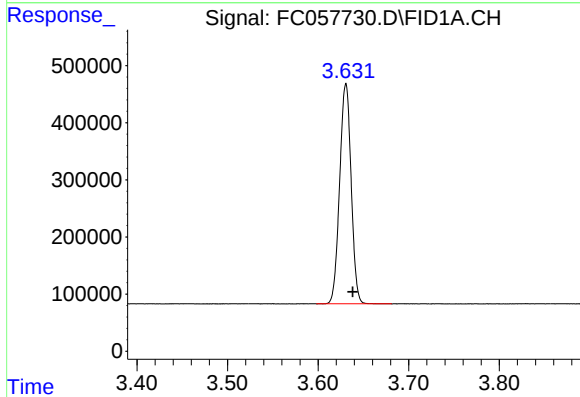




#1 n-Nonane (C9)

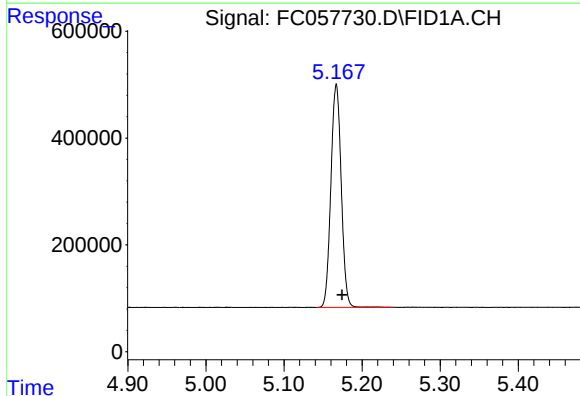
R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 3355719
Conc: 20.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



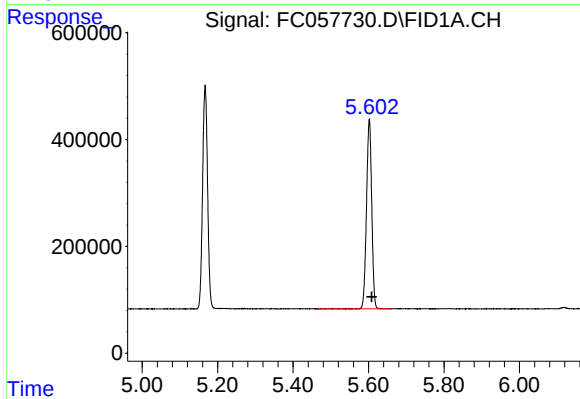
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.007 min
Response: 3395738
Conc: 21.13 ug/ml



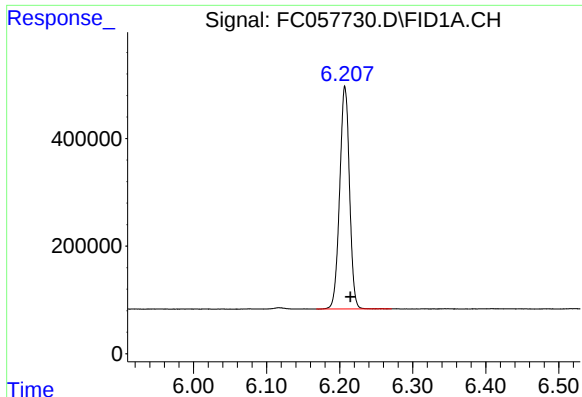
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.008 min
Response: 3842433
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

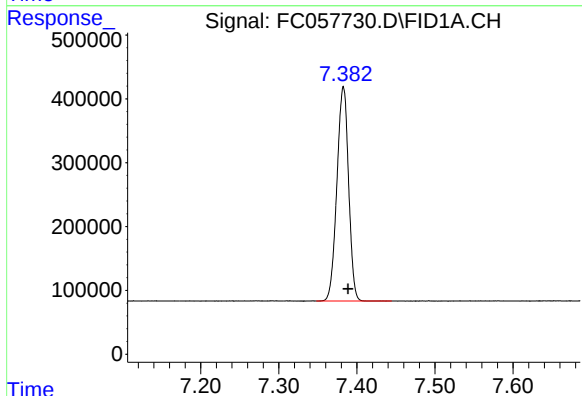
R.T.: 5.602 min
Delta R.T.: -0.007 min
Response: 3411732
Conc: 21.15 ug/ml



#5 A~2-methylnaphthalene (C12.89)

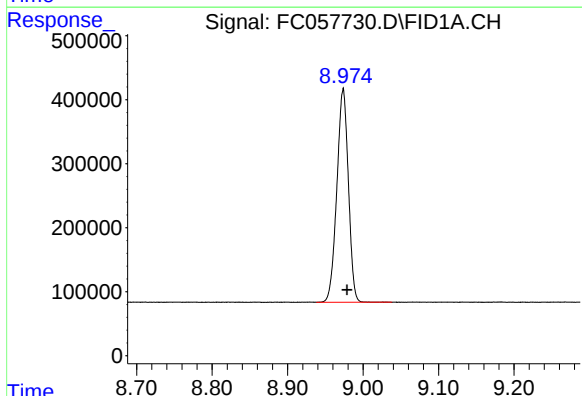
R.T.: 6.207 min
Delta R.T.: -0.007 min
Response: 3869861
Conc: 21.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



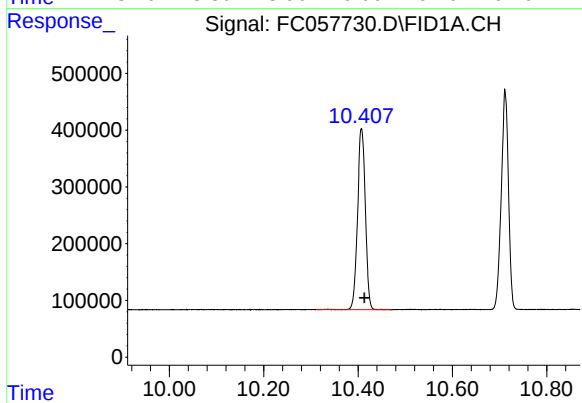
#6 n-Tetradecane (C14)

R.T.: 7.383 min
Delta R.T.: -0.006 min
Response: 3486764
Conc: 21.12 ug/ml



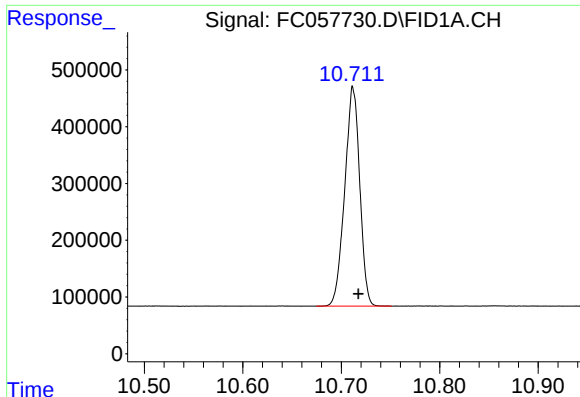
#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.005 min
Response: 3539735
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

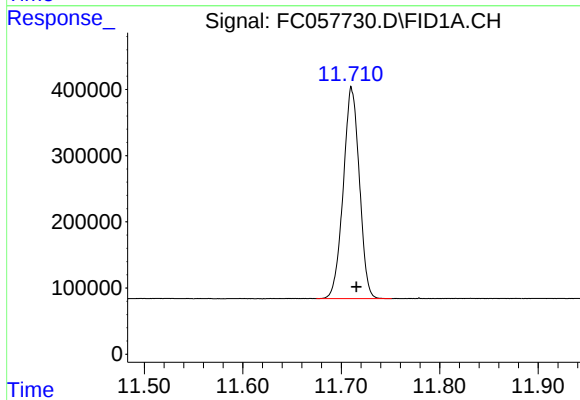
R.T.: 10.408 min
Delta R.T.: -0.006 min
Response: 3658872
Conc: 21.26 ug/ml



#9 ortho-Terphenyl (SURR)

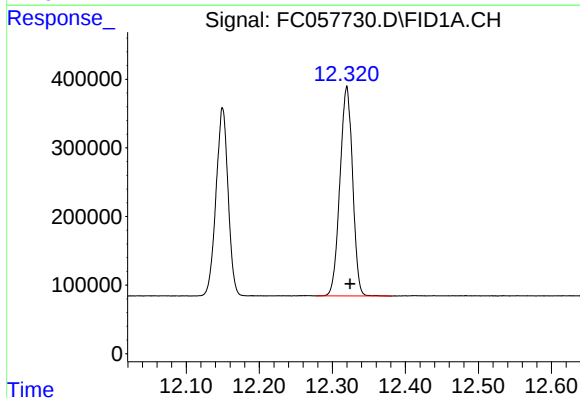
R.T.: 10.712 min
Delta R.T.: -0.005 min
Response: 4093417
Conc: 21.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



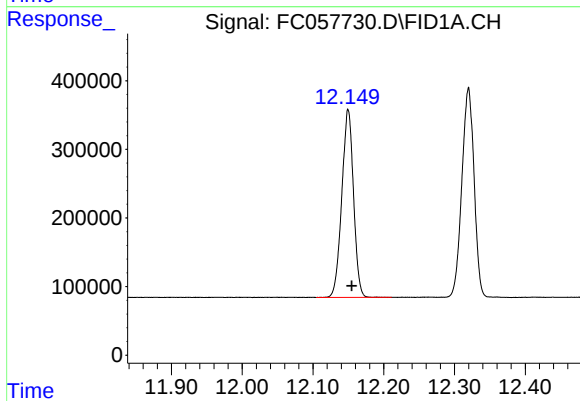
#10 n-Eicosane (C20)

R.T.: 11.711 min
Delta R.T.: -0.005 min
Response: 3626344
Conc: 21.18 ug/ml



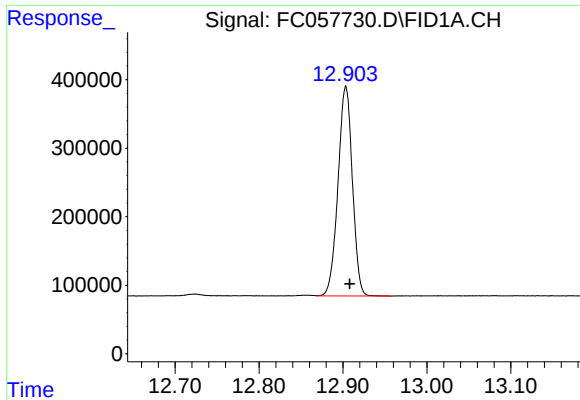
#11 n-Heneicosane (C21)

R.T.: 12.320 min
Delta R.T.: -0.005 min
Response: 3676767
Conc: 21.26 ug/ml



#12 1-chlorooctadecane (SURR)

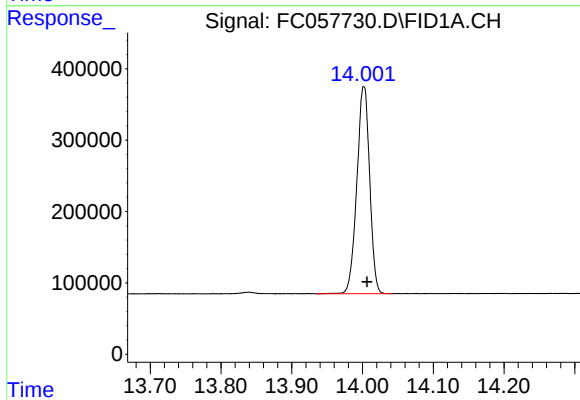
R.T.: 12.150 min
Delta R.T.: -0.005 min
Response: 3149632
Conc: 21.37 ug/ml



#13 n-Docosane (C22)

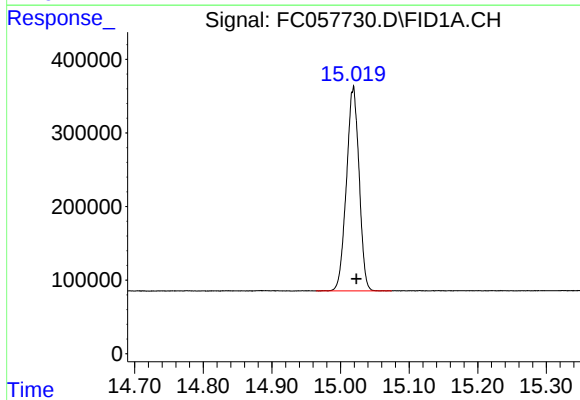
R.T.: 12.903 min
Delta R.T.: -0.005 min
Response: 3644390
Conc: 21.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



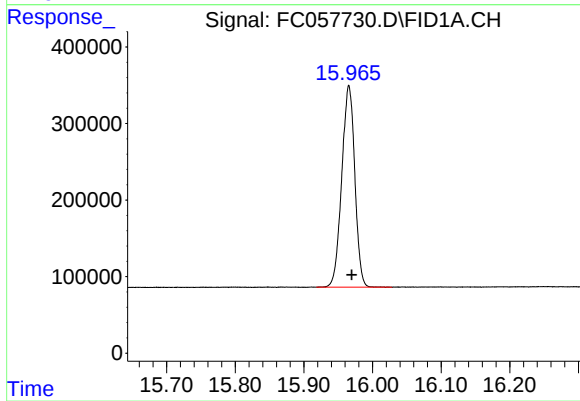
#14 n-Tetracosane (C24)

R.T.: 14.002 min
Delta R.T.: -0.005 min
Response: 3653594
Conc: 21.11 ug/ml



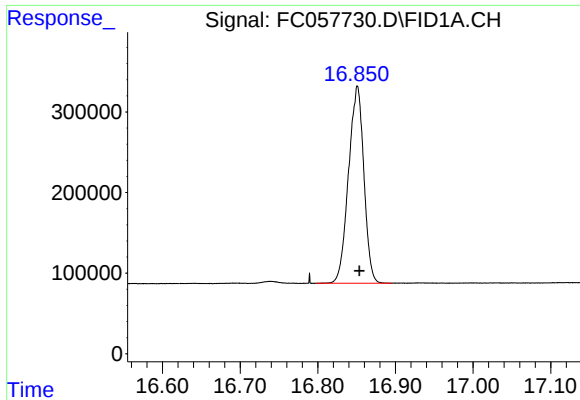
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.005 min
Response: 3548987
Conc: 21.09 ug/ml



#16 n-Octacosane (C28)

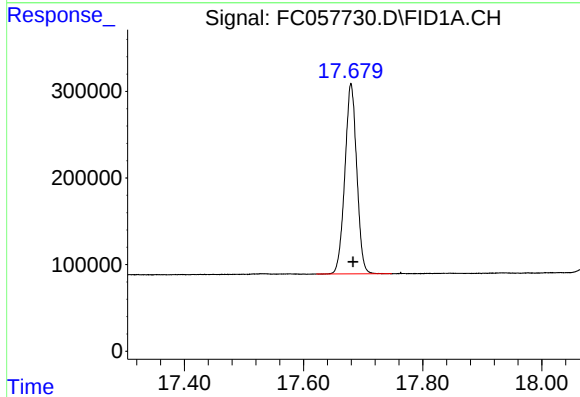
R.T.: 15.966 min
Delta R.T.: -0.004 min
Response: 3479492
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

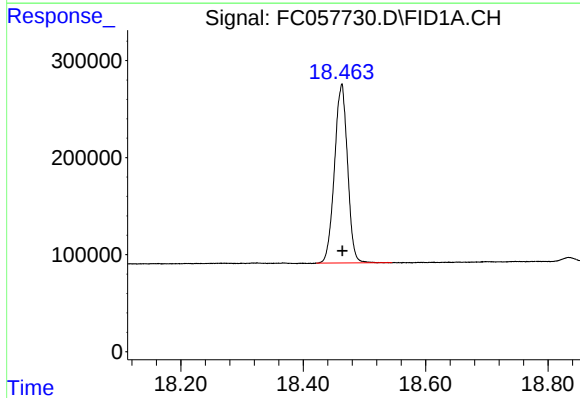
R.T.: 16.851 min
Delta R.T.: -0.003 min
Response: 3352774
Conc: 21.48 ug/ml

Instrument :
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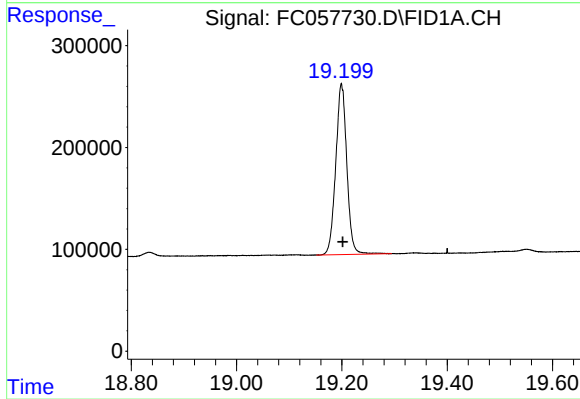
#18 n-Dotriacontane (C32)

R.T.: 17.680 min
Delta R.T.: -0.003 min
Response: 3040425
Conc: 21.81 ug/ml



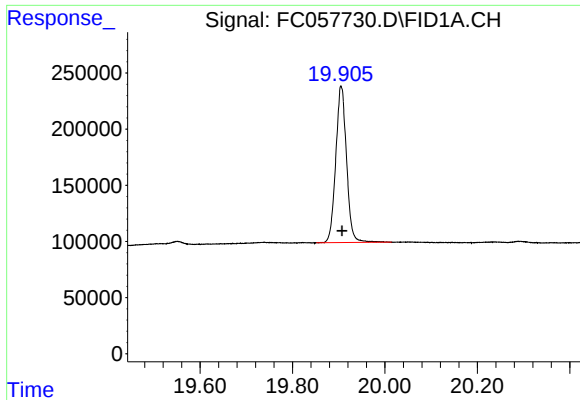
#19 n-Tetratriacontane (C34)

R.T.: 18.463 min
Delta R.T.: -0.002 min
Response: 2727053
Conc: 21.94 ug/ml



#20 n-Hexatriacontane (C36)

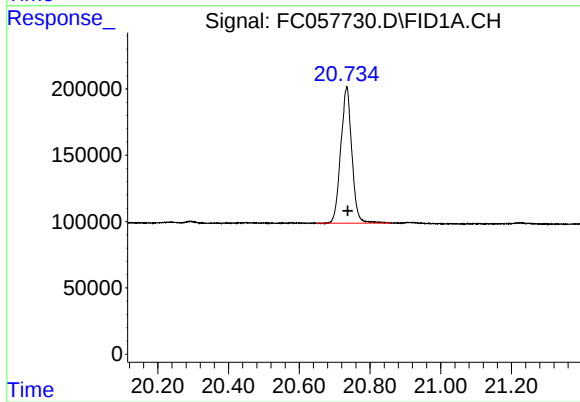
R.T.: 19.199 min
Delta R.T.: -0.002 min
Response: 2450942
Conc: 22.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.905 min
Delta R.T.: -0.002 min
Response: 2254810
Conc: 21.62 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.734 min
Delta R.T.: -0.003 min
Response: 2228015
Conc: 23.27 ug/ml