

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011022AL\
 Data File : FC057791.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jan 2022 12:26
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 11 10:48:47 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)	10.706	3900323	20.171 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
12) S 1-chlorooctadecane (S...	12.144	2954647	20.047 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	2.634	3235443	20.233 ug/ml
2) T n-Decane (C10)	3.624	3313181	20.613 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3761878	20.717 ug/ml
4) T n-Dodecane (C12)	5.596	3346647	20.751 ug/ml
5) T A~2-methylnaphthalene...	6.202	3806367	20.815 ug/ml
6) T n-Tetradecane (C14)	7.377	3457031	20.940 ug/ml
7) T n-Hexadecane (C16)	8.968	3494580	20.921 ug/ml
8) T n-Octadecane (C18)	10.403	3561419	20.695 ug/ml
10) T n-Eicosane (C20)	11.705	3466145	20.247 ug/ml
11) T n-Heneicosane (C21)	12.314	3452245	19.964 ug/ml
13) T n-Docosane (C22)	12.897	3407499	19.696 ug/ml
14) T n-Tetracosane (C24)	13.996	3356756	19.391 ug/ml
15) T n-Hexacosane (C26)	15.012	3196396	18.994 ug/ml
16) T n-Octacosane (C28)	15.958	3145301	19.220 ug/ml
17) T n-Tricontane (C30)	16.842	3163888	20.265 ug/ml
18) T n-Dotriacontane (C32)	17.672	2958361	21.218 ug/ml
19) T n-Tetratriacontane (C34)	18.452	2665390	21.445 ug/ml
20) T n-Hexatriacontane (C36)	19.190	2457367	22.103 ug/ml
21) T n-Octatriacontane (C38)	19.896	2291219	21.964 ug/ml
22) T n-Tetracontane (C40)	20.722	2271256	23.720 ug/ml

(f)=RT Delta > 1/2 Window

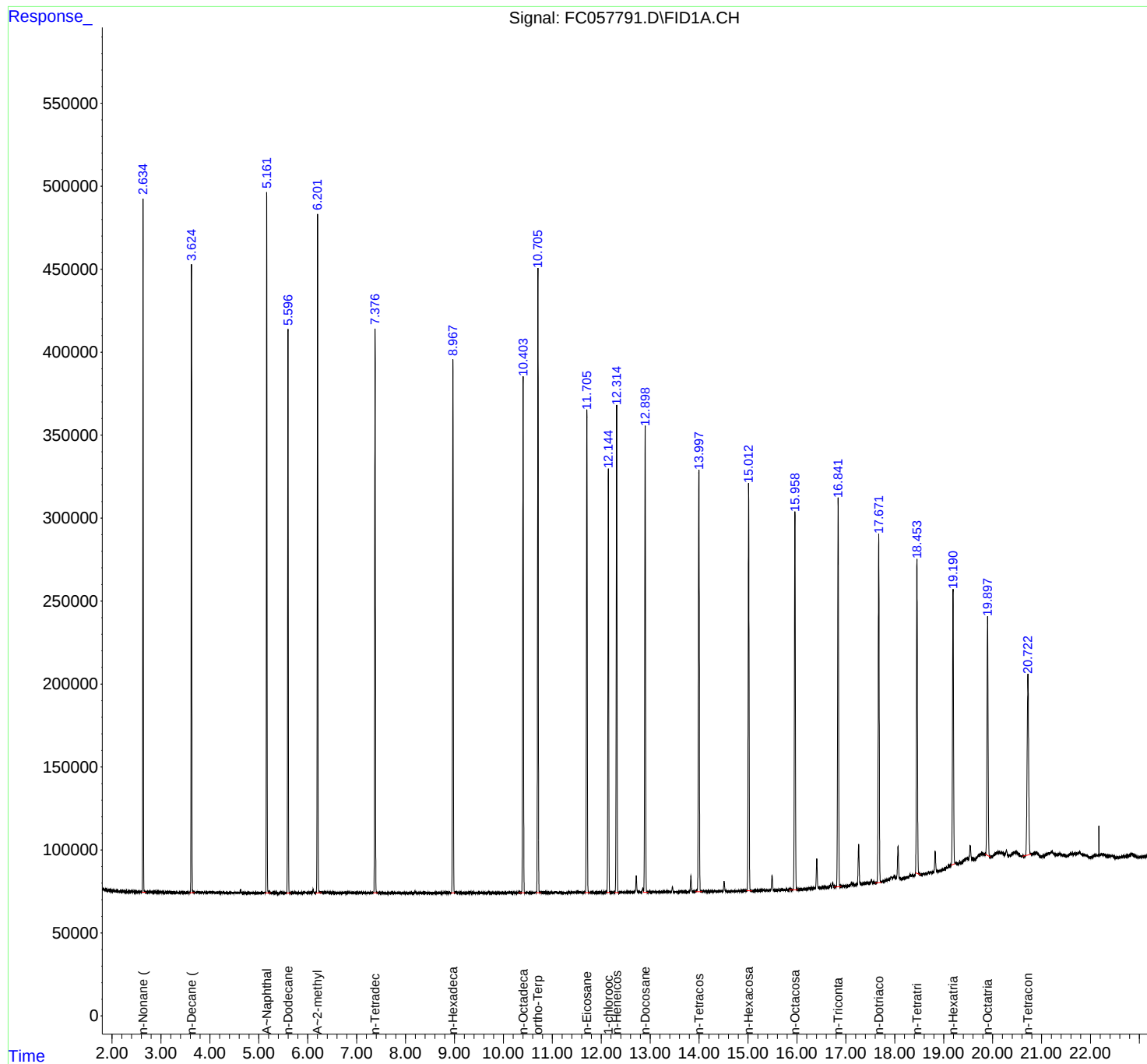
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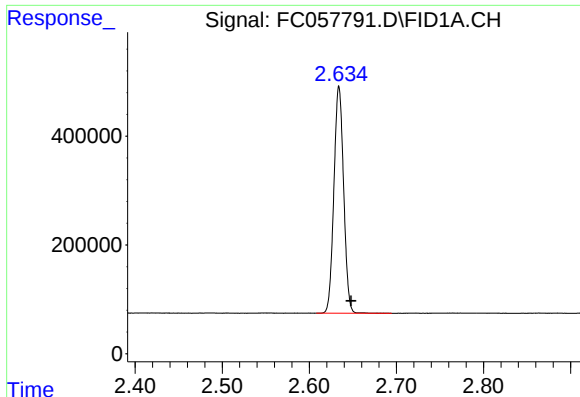
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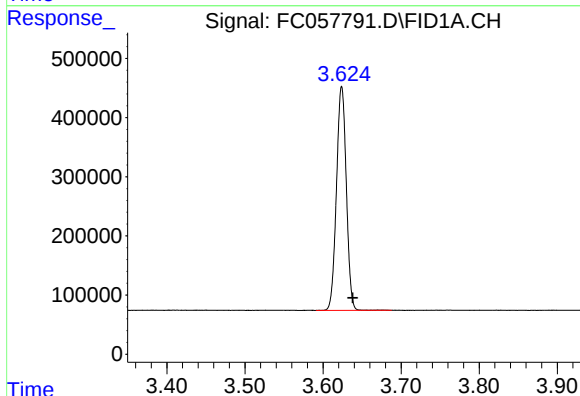




#1 n-Nonane (C9)

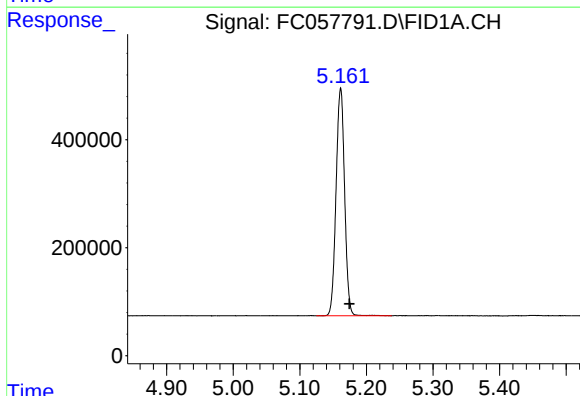
R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 3235443
Conc: 20.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



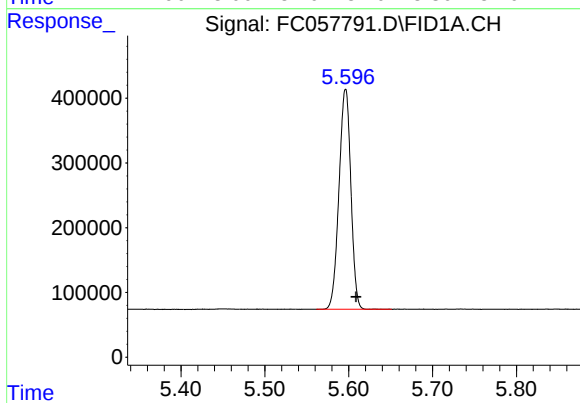
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 3313181
Conc: 20.61 ug/ml



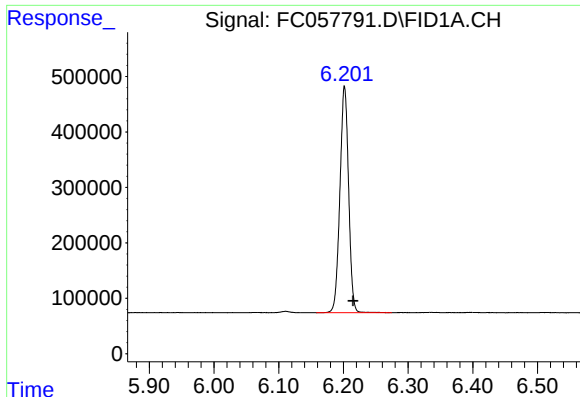
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.013 min
Response: 3761878
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

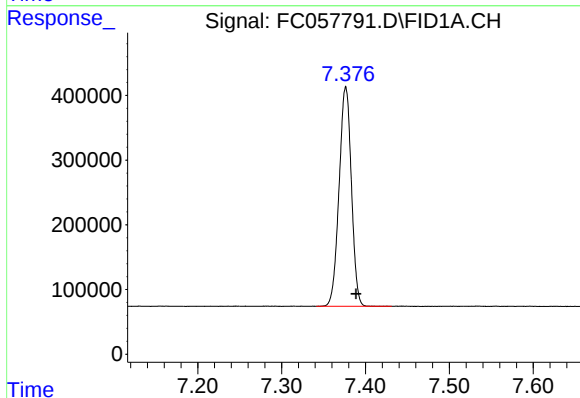
R.T.: 5.596 min
Delta R.T.: -0.013 min
Response: 3346647
Conc: 20.75 ug/ml



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

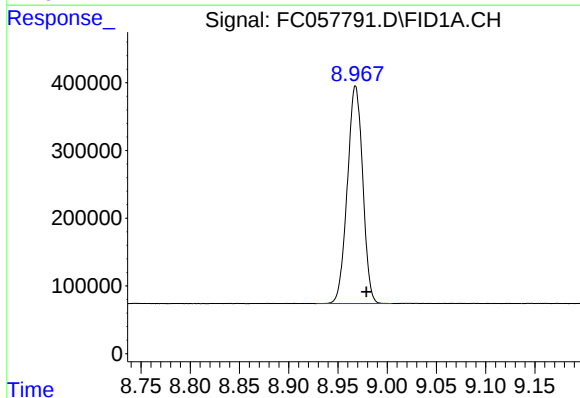
R.T.: 6.202 min
Delta R.T.: -0.013 min
Response: 3806367
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



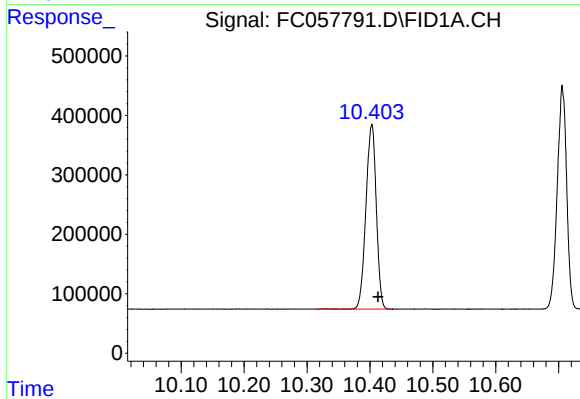
#6 n-Tetradecane (C14)

R.T.: 7.377 min
Delta R.T.: -0.012 min
Response: 3457031
Conc: 20.94 ug/ml



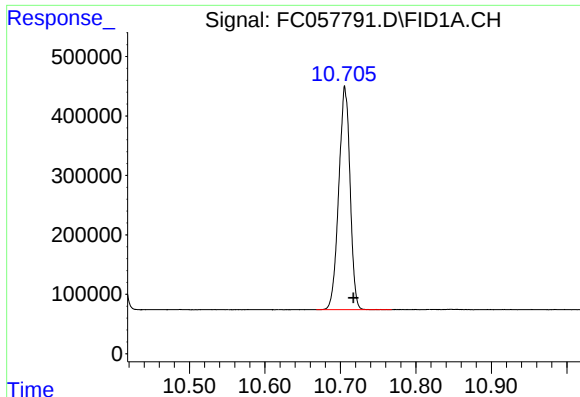
#7 n-Hexadecane (C16)

R.T.: 8.968 min
Delta R.T.: -0.011 min
Response: 3494580
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

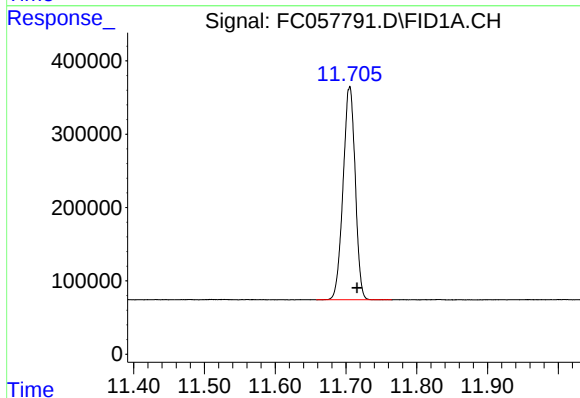
R.T.: 10.403 min
Delta R.T.: -0.010 min
Response: 3561419
Conc: 20.70 ug/ml



#9 ortho-Terphenyl (SURR)

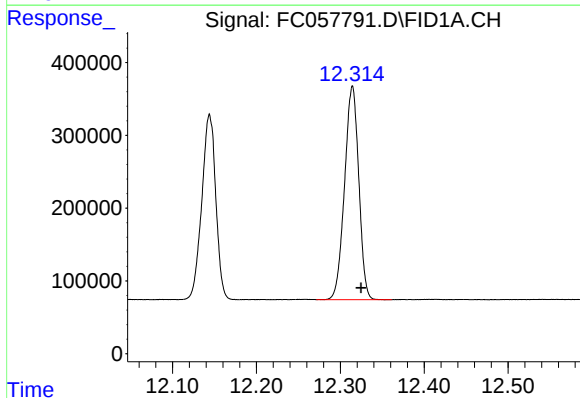
R.T.: 10.706 min
Delta R.T.: -0.011 min
Response: 3900323
Conc: 20.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



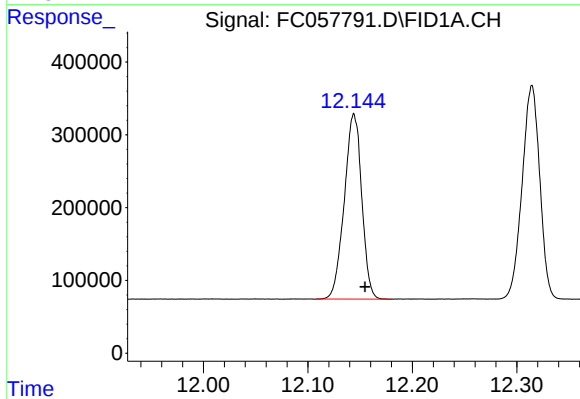
#10 n-Eicosane (C20)

R.T.: 11.705 min
Delta R.T.: -0.010 min
Response: 3466145
Conc: 20.25 ug/ml



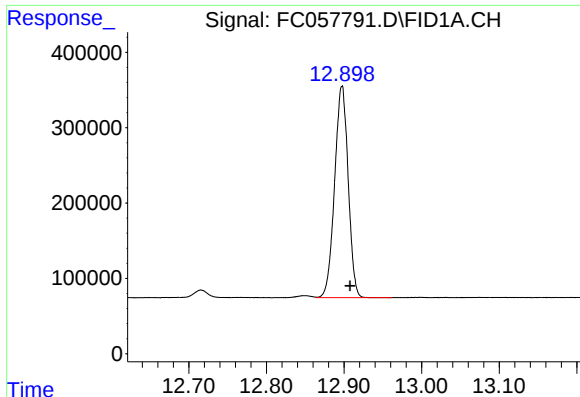
#11 n-Heneicosane (C21)

R.T.: 12.314 min
Delta R.T.: -0.010 min
Response: 3452245
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

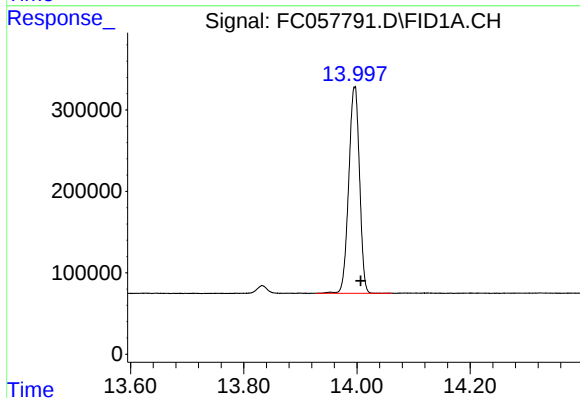
R.T.: 12.144 min
Delta R.T.: -0.011 min
Response: 2954647
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

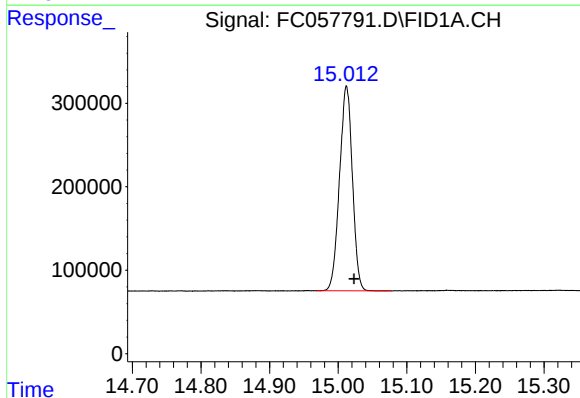
R.T.: 12.897 min
Delta R.T.: -0.011 min
Response: 3407499
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



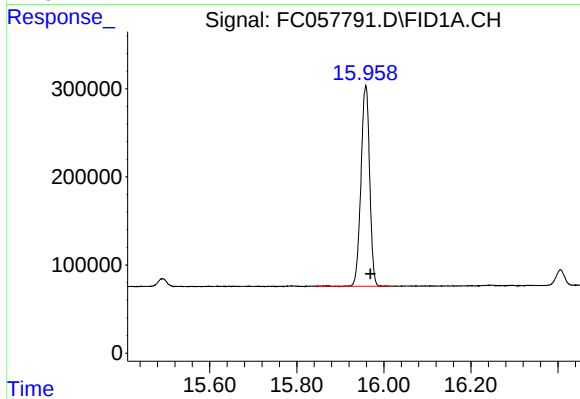
#14 n-Tetracosane (C24)

R.T.: 13.996 min
Delta R.T.: -0.011 min
Response: 3356756
Conc: 19.39 ug/ml



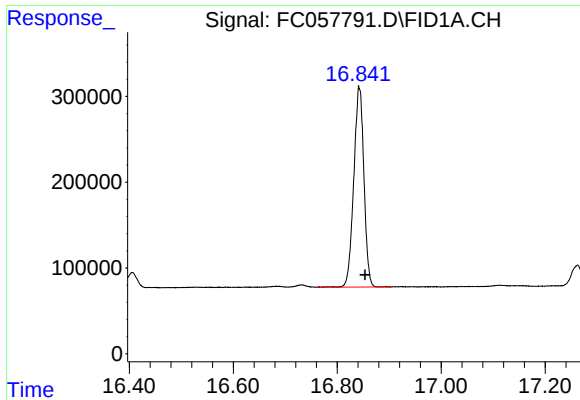
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: -0.011 min
Response: 3196396
Conc: 18.99 ug/ml



#16 n-Octacosane (C28)

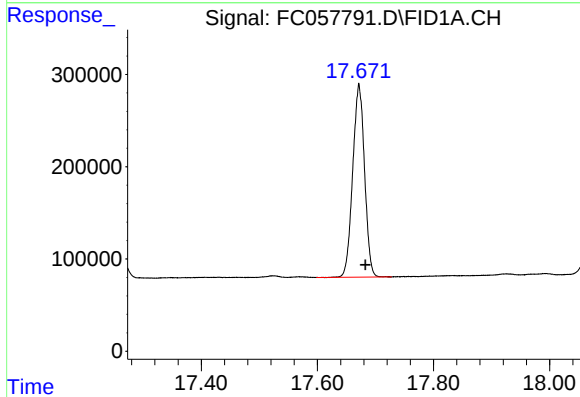
R.T.: 15.958 min
Delta R.T.: -0.011 min
Response: 3145301
Conc: 19.22 ug/ml



#17 n-Tricontane (C30)

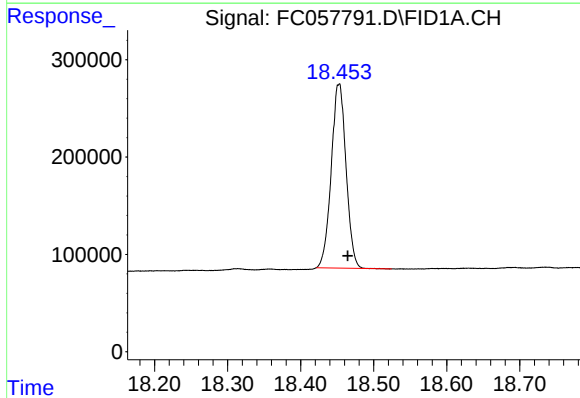
R.T.: 16.842 min
Delta R.T.: -0.011 min
Response: 3163888
Conc: 20.27 ug/ml

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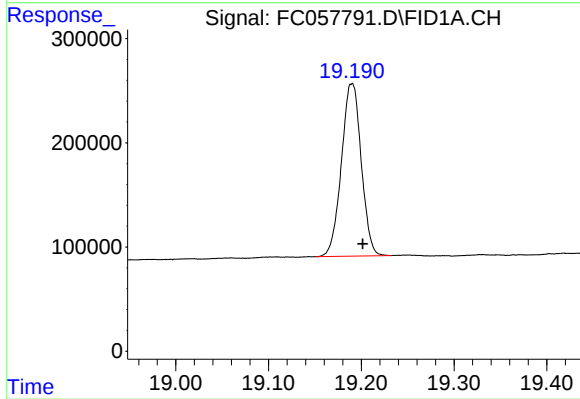
#18 n-Dotriacontane (C32)

R.T.: 17.672 min
Delta R.T.: -0.011 min
Response: 2958361
Conc: 21.22 ug/ml



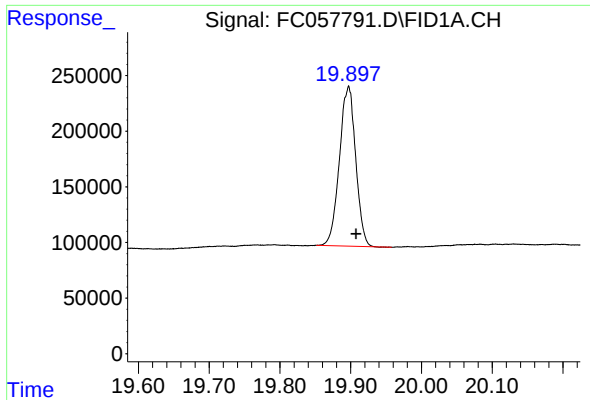
#19 n-Tetratriacontane (C34)

R.T.: 18.452 min
Delta R.T.: -0.012 min
Response: 2665390
Conc: 21.45 ug/ml



#20 n-Hexatriacontane (C36)

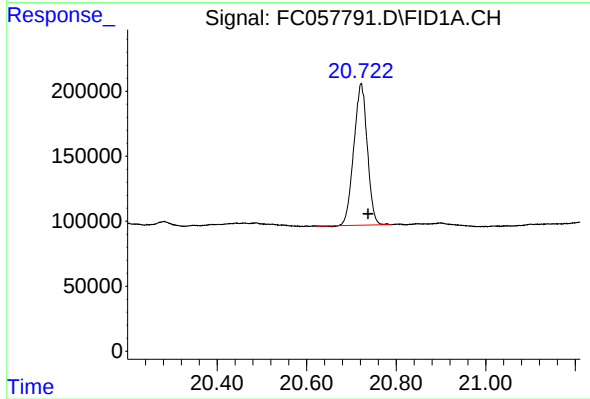
R.T.: 19.190 min
Delta R.T.: -0.012 min
Response: 2457367
Conc: 22.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.896 min
Delta R.T.: -0.011 min
Response: 2291219
Conc: 21.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.722 min
Delta R.T.: -0.015 min
Response: 2271256
Conc: 23.72 ug/ml