

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030722AL\
 Data File : FC058592.D
 Signal(s) : FID1A.CH
 Acq On : 07 Mar 2022 12:07
 Operator : UA/NP
 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: Mar 08 02:22:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.406	2726447	18.719 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
12) S 1-chlorooctadecane (S...	12.841	2105065	18.571 ug/ml
Spiked Amount 50.000		Recovery =	37.14%
Target Compounds			
1) T n-Nonane (C9)	3.255	2426156	20.175 ug/ml
2) T n-Decane (C10)	4.306	2422218	20.355 ug/ml
3) T A~Naphthalene (C11.7)	5.869	2623774	20.217 ug/ml
4) T n-Dodecane (C12)	6.302	2498382	20.309 ug/ml
5) T A~2-methylnaphthalene...	6.915	2663857	20.433 ug/ml
6) T n-Tetradecane (C14)	8.081	2525489	20.154 ug/ml
7) T n-Hexadecane (C16)	9.668	2525558	19.611 ug/ml
8) T n-Octadecane (C18)	11.100	2525226	19.190 ug/ml
10) T n-Eicosane (C20)	12.400	2461117	18.716 ug/ml
11) T n-Heneicosane (C21)	13.009	2451257	18.548 ug/ml
13) T n-Docosane (C22)	13.592	2428299	18.626 ug/ml
14) T n-Tetracosane (C24)	14.688	2347690	18.180 ug/ml
15) T n-Hexacosane (C26)	15.704	2263141	18.295 ug/ml
16) T n-Octacosane (C28)	16.649	2217782	18.632 ug/ml
17) T n-Tricontane (C30)	17.533	2149274	19.094 ug/ml
18) T n-Dotriacontane (C32)	18.361	2033817	18.914 ug/ml
19) T n-Tetratriacontane (C34)	19.141	1964642	20.277 ug/ml
20) T n-Hexatriacontane (C36)	19.879	1931442	21.409 ug/ml
21) T n-Octatriacontane (C38)	20.585	1912295	21.975 ug/ml
22) T n-Tetracontane (C40)	21.415	1812253	21.596 ug/ml

(f)=RT Delta > 1/2 Window

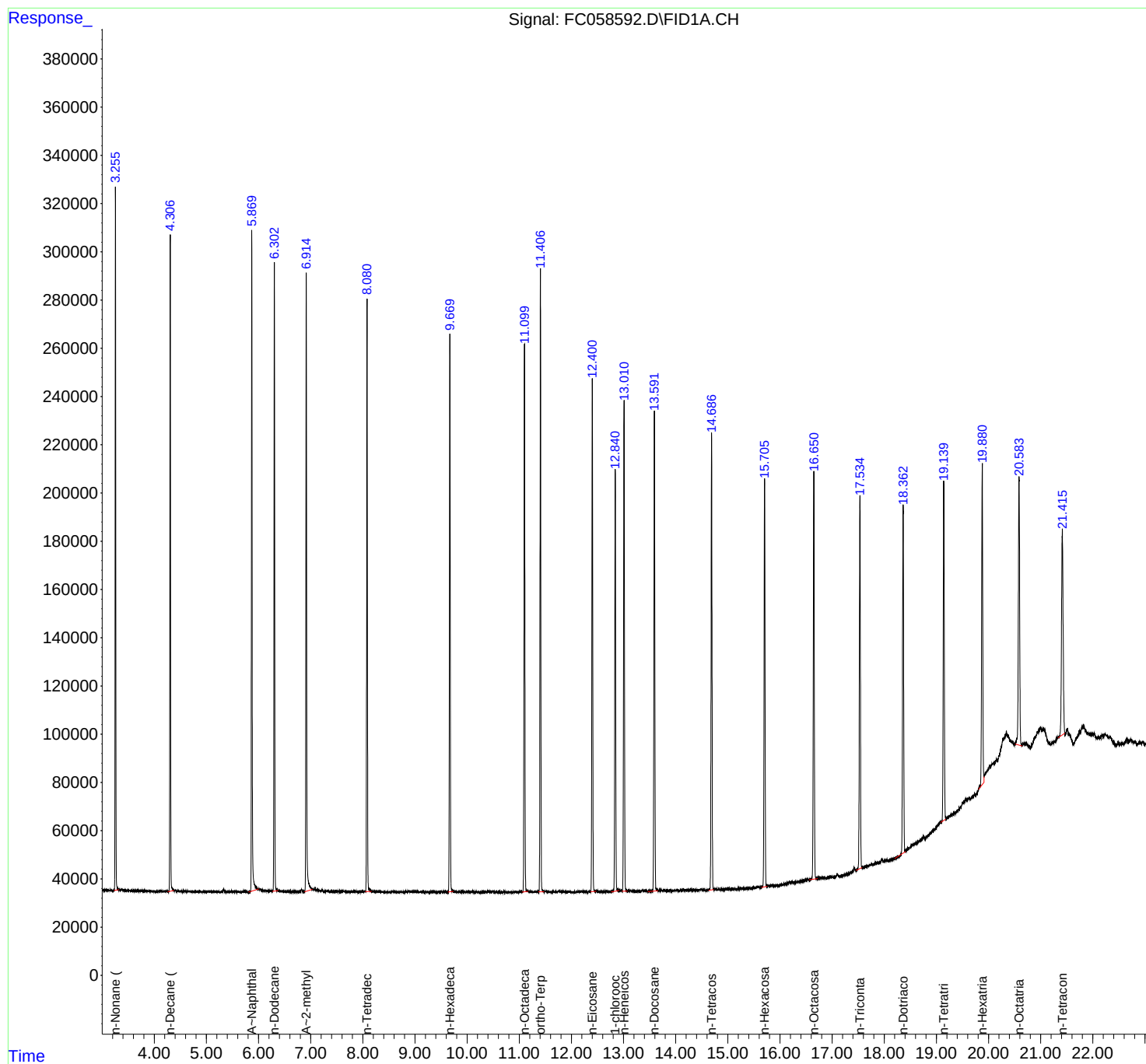
(m)=manual int.

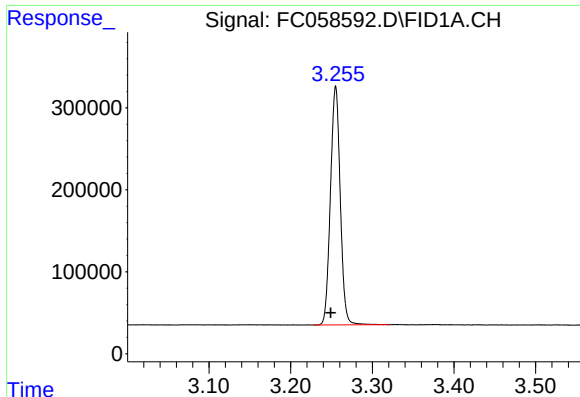
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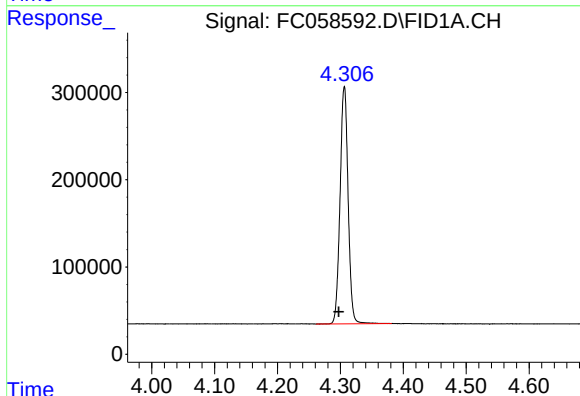




#1 n-Nonane (C9)

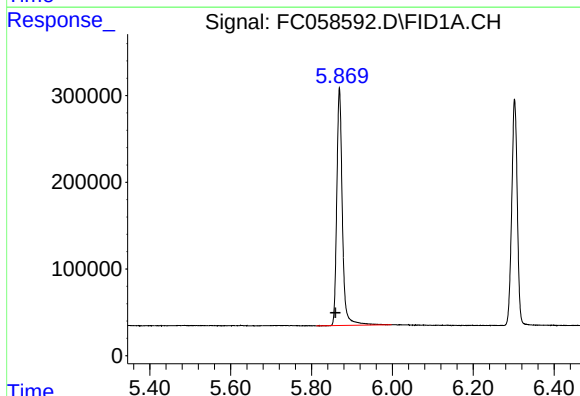
R.T.: 3.255 min
Delta R.T.: 0.006 min
Response: 2426156
Conc: 20.18 ug/ml

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20 PPM ALIPHATIC HC STD



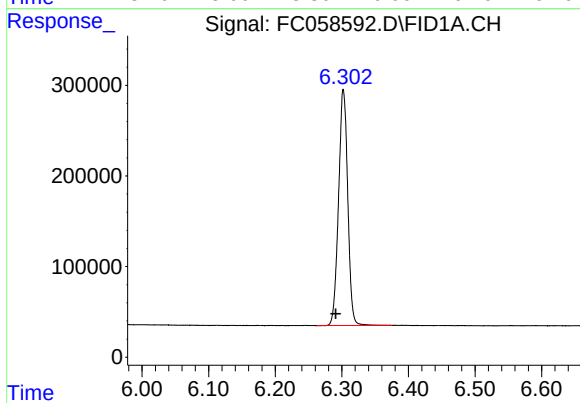
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.009 min
Response: 2422218
Conc: 20.35 ug/ml



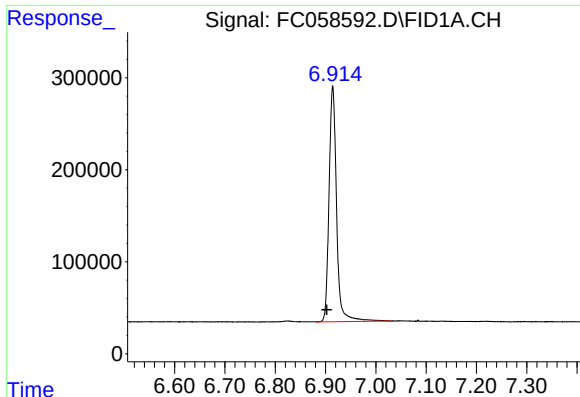
#3 A~Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: 0.010 min
Response: 2623774
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

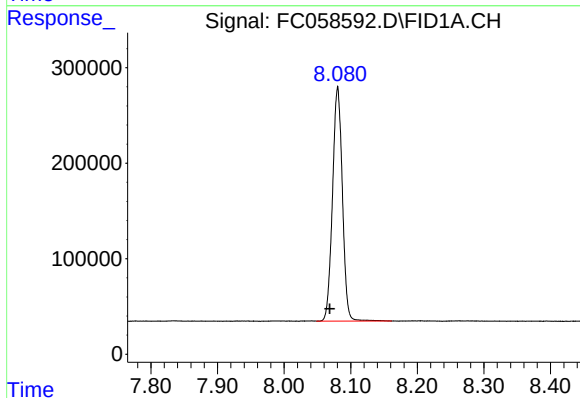
R.T.: 6.302 min
Delta R.T.: 0.011 min
Response: 2498382
Conc: 20.31 ug/ml



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

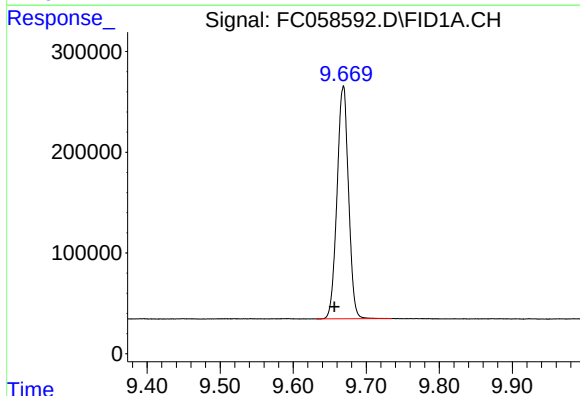
R.T.: 6.915 min
Delta R.T.: 0.012 min
Response: 2663857
Conc: 20.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



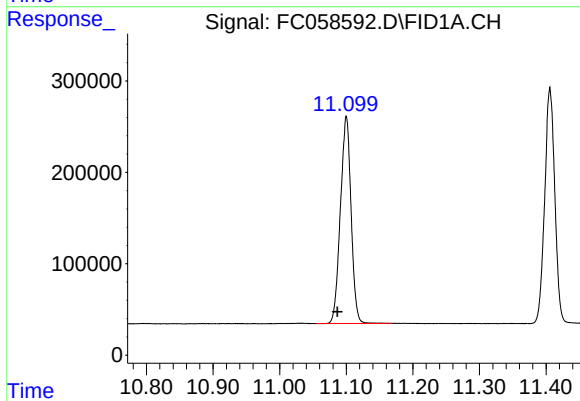
#6 n-Tetradecane (C14)

R.T.: 8.081 min
Delta R.T.: 0.012 min
Response: 2525489
Conc: 20.15 ug/ml



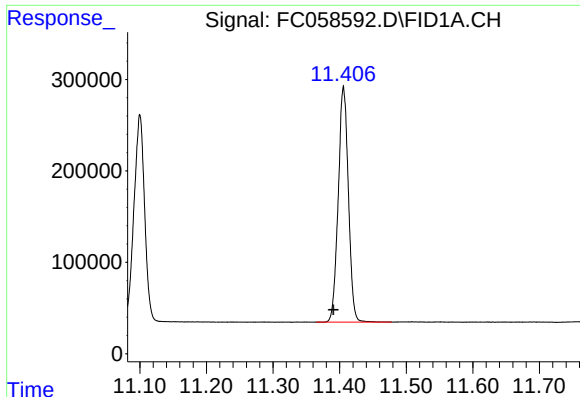
#7 n-Hexadecane (C16)

R.T.: 9.668 min
Delta R.T.: 0.012 min
Response: 2525558
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

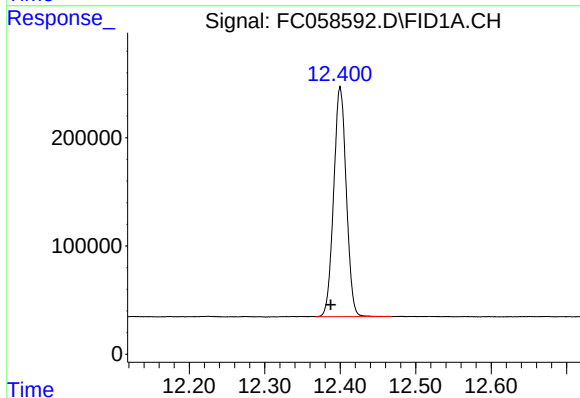
R.T.: 11.100 min
Delta R.T.: 0.013 min
Response: 2525226
Conc: 19.19 ug/ml



#9 ortho-Terphenyl (SURR)

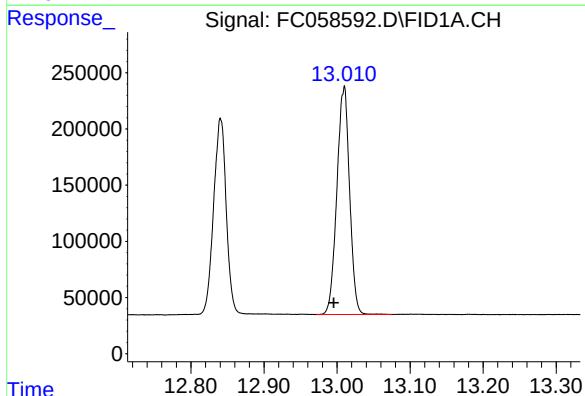
R.T.: 11.406 min
Delta R.T.: 0.015 min
Response: 2726447
Conc: 18.72 ug/ml

Instrument :
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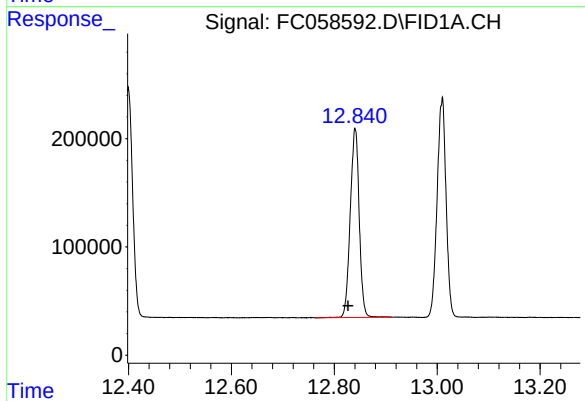
#10 n-Eicosane (C20)

R.T.: 12.400 min
Delta R.T.: 0.013 min
Response: 2461117
Conc: 18.72 ug/ml



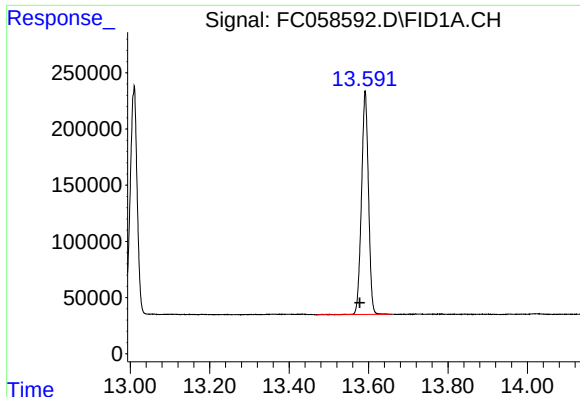
#11 n-Heneicosane (C21)

R.T.: 13.009 min
Delta R.T.: 0.014 min
Response: 2451257
Conc: 18.55 ug/ml



#12 1-chlorooctadecane (SURR)

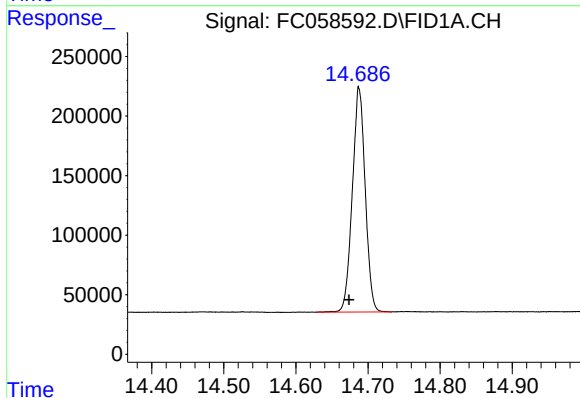
R.T.: 12.841 min
Delta R.T.: 0.014 min
Response: 2105065
Conc: 18.57 ug/ml



#13 n-Docosane (C22)

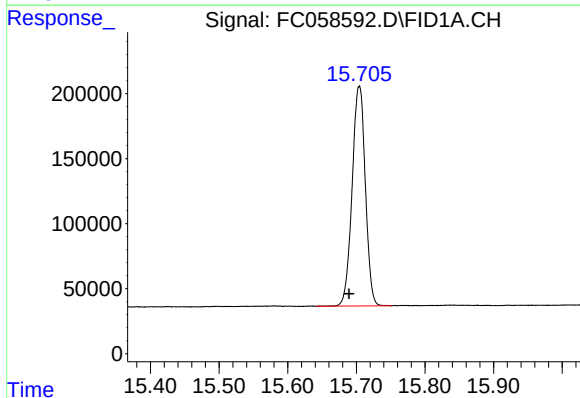
R.T.: 13.592 min
Delta R.T.: 0.014 min
Response: 2428299
Conc: 18.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



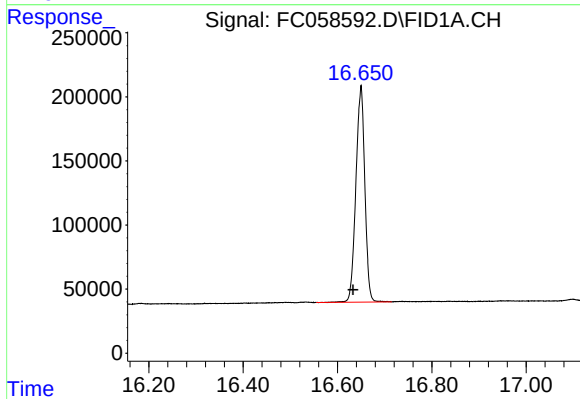
#14 n-Tetracosane (C24)

R.T.: 14.688 min
Delta R.T.: 0.014 min
Response: 2347690
Conc: 18.18 ug/ml



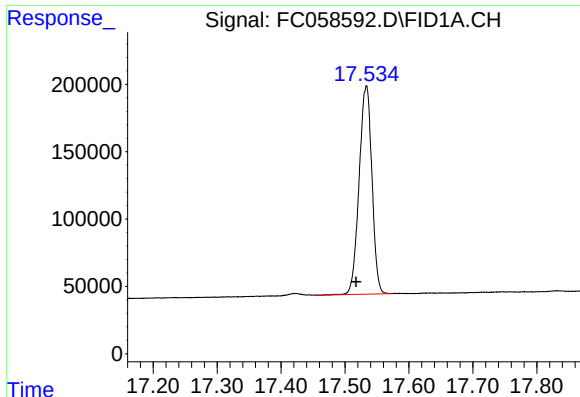
#15 n-Hexacosane (C26)

R.T.: 15.704 min
Delta R.T.: 0.015 min
Response: 2263141
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

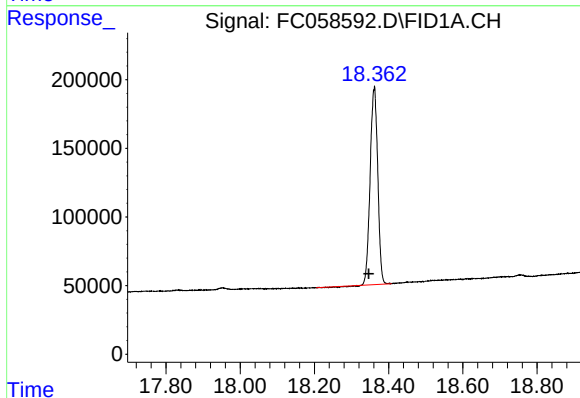
R.T.: 16.649 min
Delta R.T.: 0.016 min
Response: 2217782
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

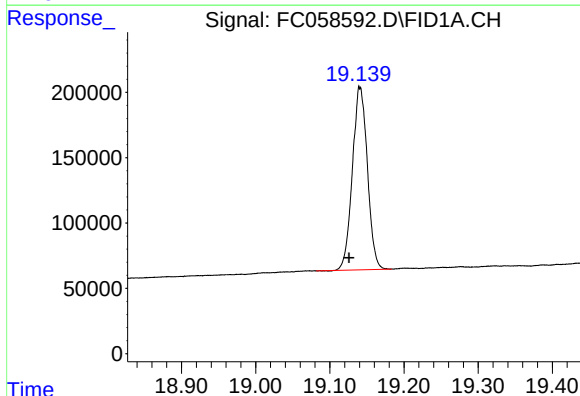
R.T.: 17.533 min
Delta R.T.: 0.016 min
Response: 2149274
Conc: 19.09 ug/ml

Instrument :
FID_C
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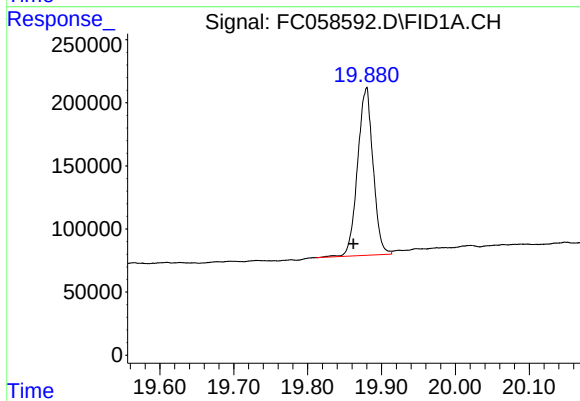
#18 n-Dotriacontane (C32)

R.T.: 18.361 min
Delta R.T.: 0.015 min
Response: 2033817
Conc: 18.91 ug/ml



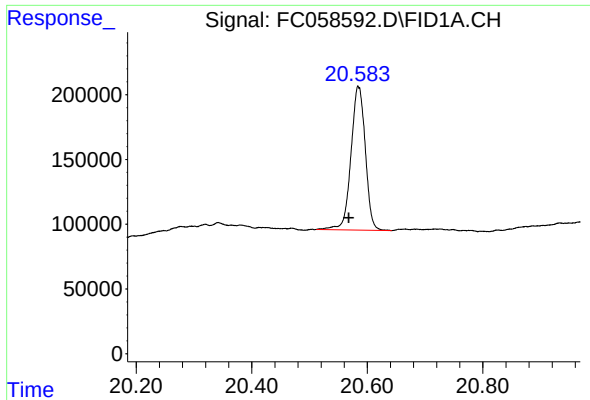
#19 n-Tetratriacontane (C34)

R.T.: 19.141 min
Delta R.T.: 0.015 min
Response: 1964642
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

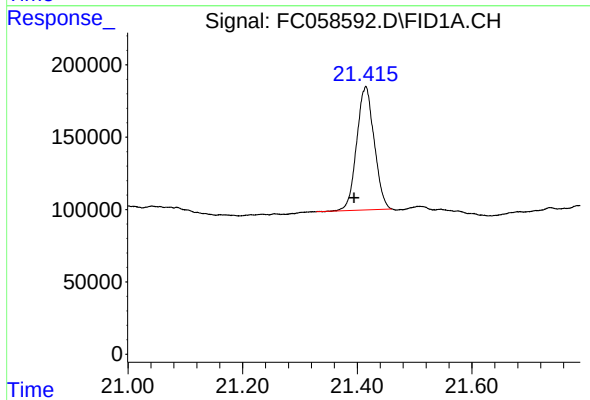
R.T.: 19.879 min
Delta R.T.: 0.017 min
Response: 1931442
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.585 min
Delta R.T.: 0.017 min
Response: 1912295
Conc: 21.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.415 min
Delta R.T.: 0.020 min
Response: 1812253
Conc: 21.60 ug/ml