

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032221AL\
 Data File : FC052646.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2021 13:25
 Operator : DD\AJ
 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 23 13:49:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.566	2715754	20.261 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
12) S 1-chlorooctadecane (S...	13.002	2120679	19.662 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.325	2520255	21.698 ug/ml
2) T n-Decane (C10)	4.391	2566738	21.903 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2869720	21.919 ug/ml
4) T n-Dodecane (C12)	6.410	2643448	22.017 ug/ml
5) T A~2-methylnaphthalene...	7.034	2931816	21.902 ug/ml
6) T n-Tetradecane (C14)	8.207	2652781	21.934 ug/ml
7) T n-Hexadecane (C16)	9.808	2583550	21.481 ug/ml
8) T n-Octadecane (C18)	11.249	2635109	20.885 ug/ml
10) T n-Eicosane (C20)	12.558	2560441	20.051 ug/ml
11) T n-Heneicosane (C21)	13.169	2502818	19.691 ug/ml
13) T n-Docosane (C22)	13.755	2443993	19.293 ug/ml
14) T n-Tetracosane (C24)	14.859	2326736	18.626 ug/ml
15) T n-Hexacosane (C26)	15.879	2191435	18.199 ug/ml
16) T n-Octacosane (C28)	16.827	2098971	18.205 ug/ml
17) T n-Tricontane (C30)	17.714	2038682	18.712 ug/ml
18) T n-Dotriacontane (C32)	18.545	1969161	19.625 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1933720	21.037 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1878949	20.605 ug/ml
21) T n-Octatriacontane (C38)	20.799	1830107	22.424 ug/ml
22) T n-Tetracontane (C40)	21.702	1907813	22.148 ug/ml

(f)=RT Delta > 1/2 Window

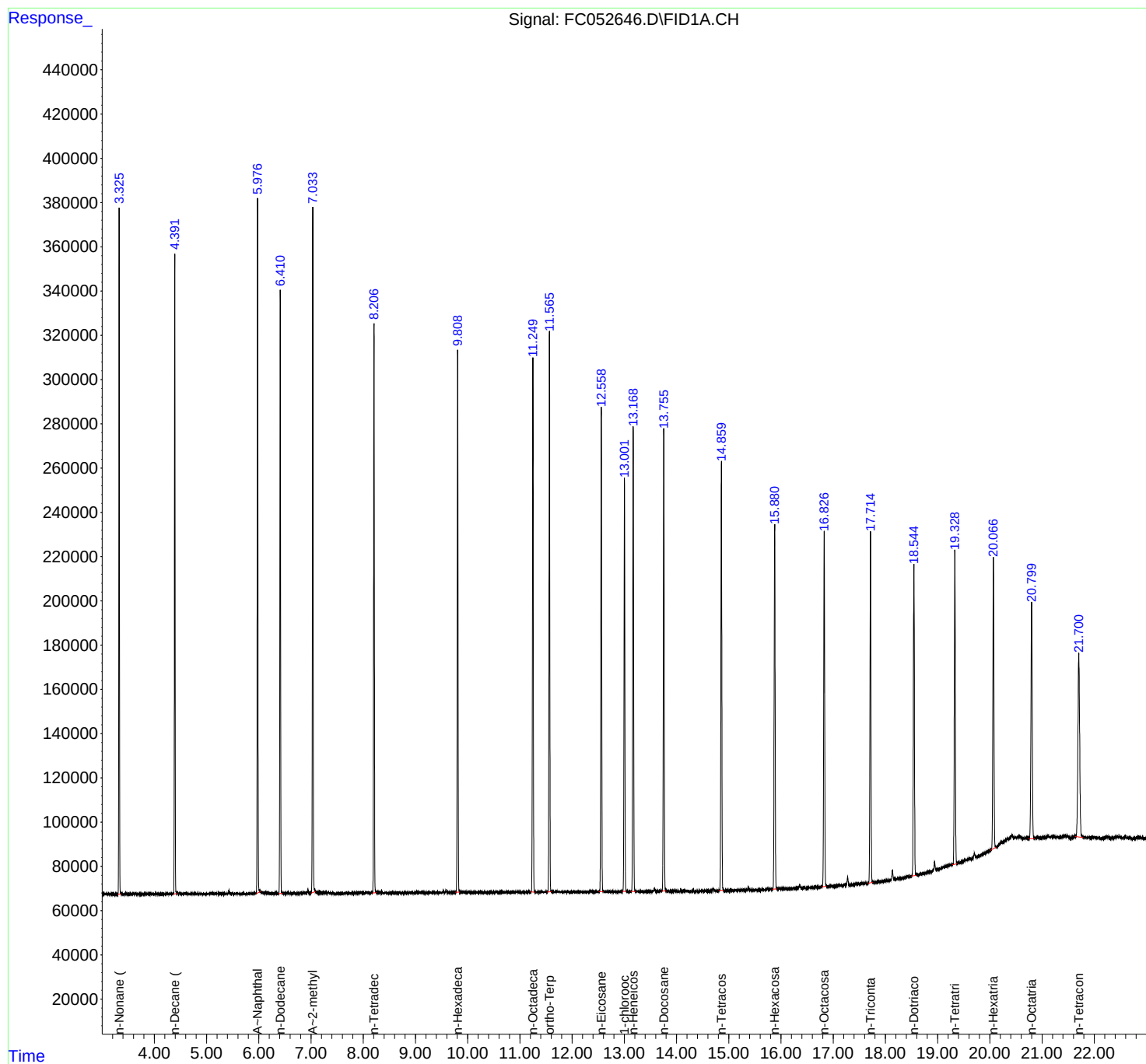
(m)=manual int.

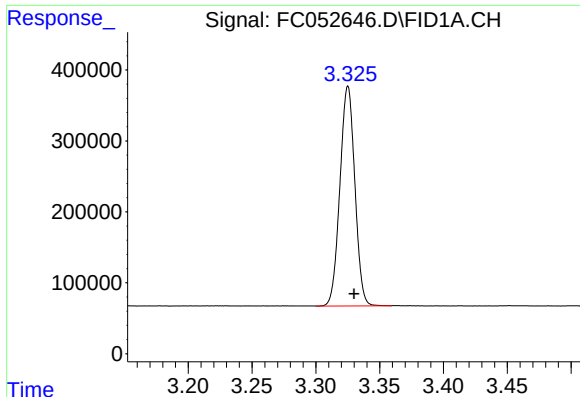
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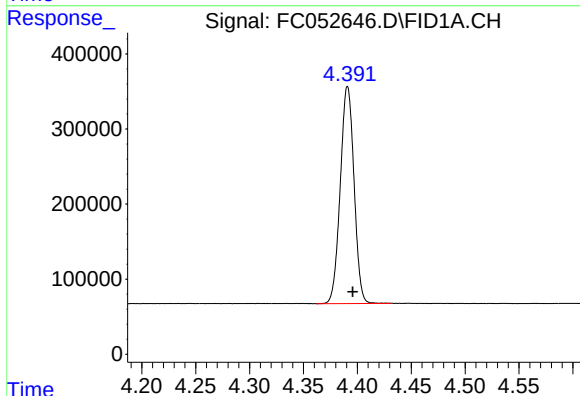




#1 n-Nonane (C9)

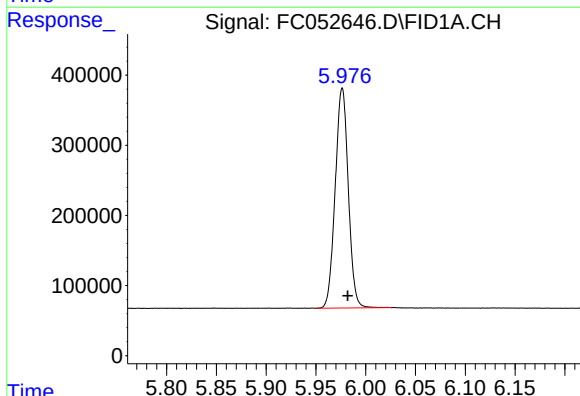
R.T.: 3.325 min
Delta R.T.: -0.005 min
Response: 2520255
Conc: 21.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



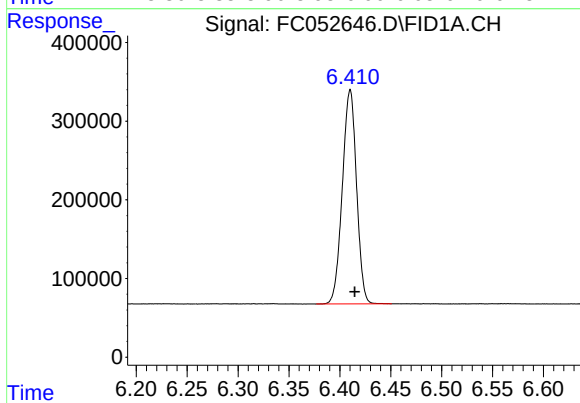
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.005 min
Response: 2566738
Conc: 21.90 ug/ml



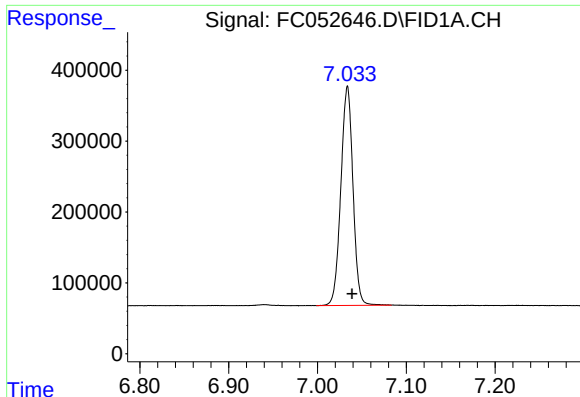
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 2869720
Conc: 21.92 ug/ml



#4 n-Dodecane (C12)

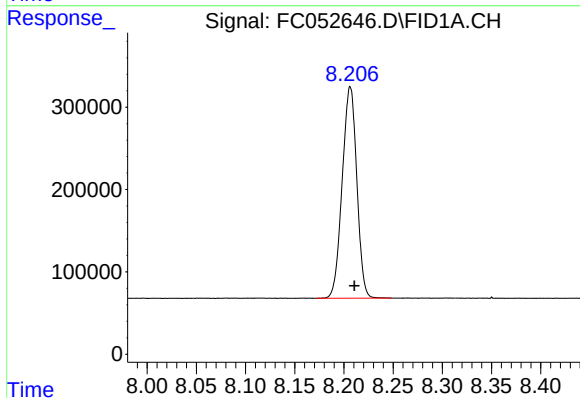
R.T.: 6.410 min
Delta R.T.: -0.004 min
Response: 2643448
Conc: 22.02 ug/ml



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

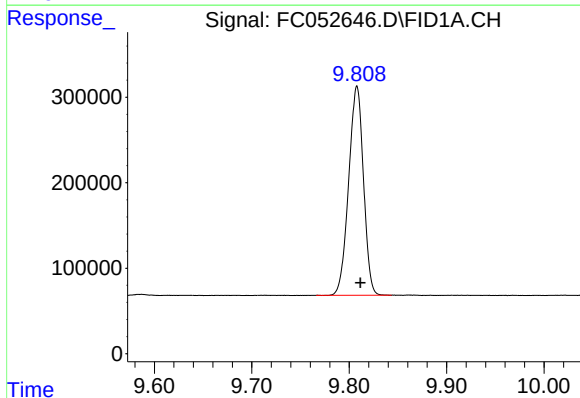
R.T.: 7.034 min
Delta R.T.: -0.005 min
Response: 2931816
Conc: 21.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



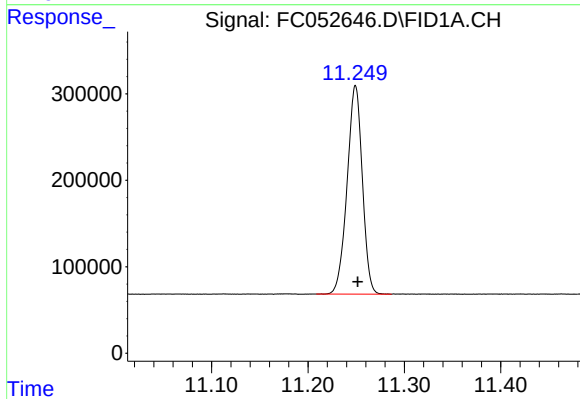
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.004 min
Response: 2652781
Conc: 21.93 ug/ml



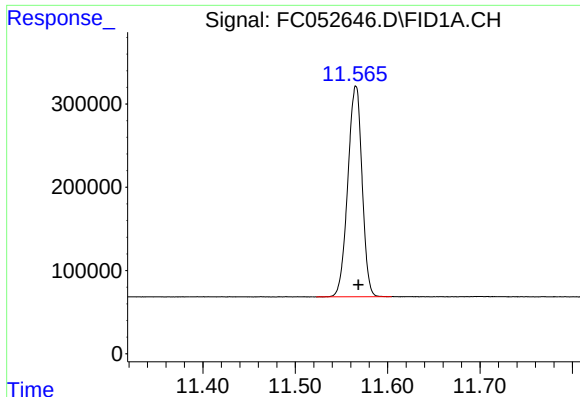
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.003 min
Response: 2583550
Conc: 21.48 ug/ml



#8 n-Octadecane (C18)

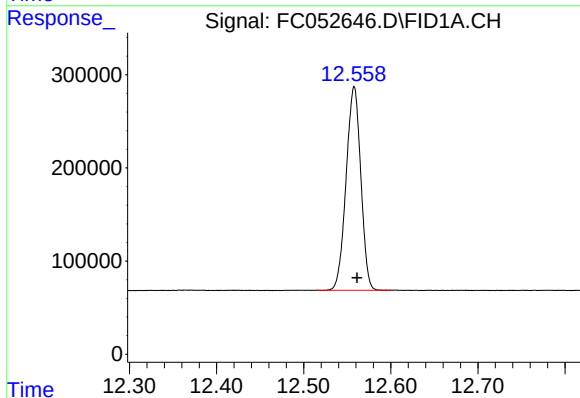
R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 2635109
Conc: 20.89 ug/ml



#9 ortho-Terphenyl (SURR)

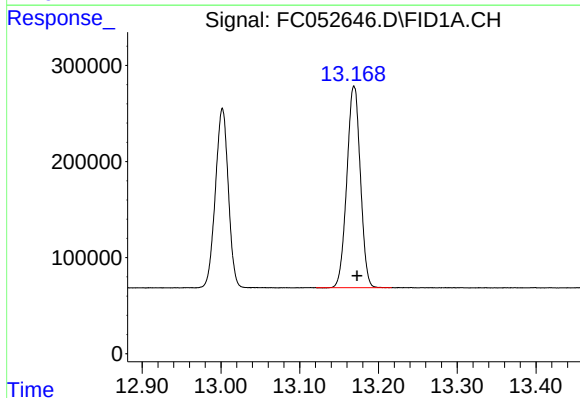
R.T.: 11.566 min
Delta R.T.: -0.003 min
Response: 2715754
Conc: 20.26 ug/ml

Instrument :
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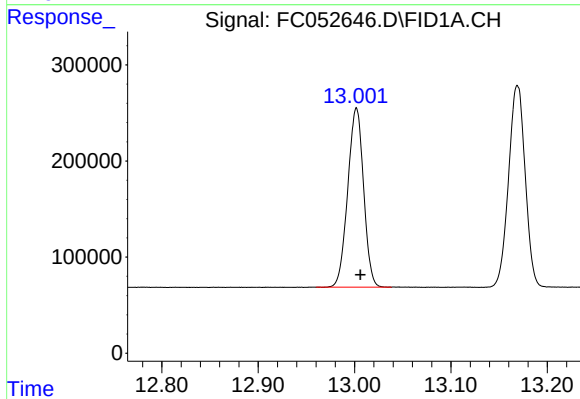
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 2560441
Conc: 20.05 ug/ml



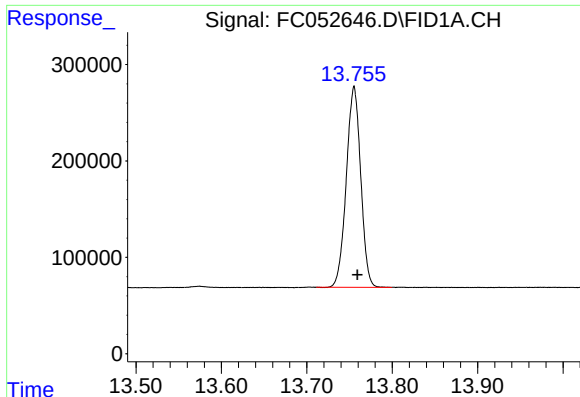
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.004 min
Response: 2502818
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

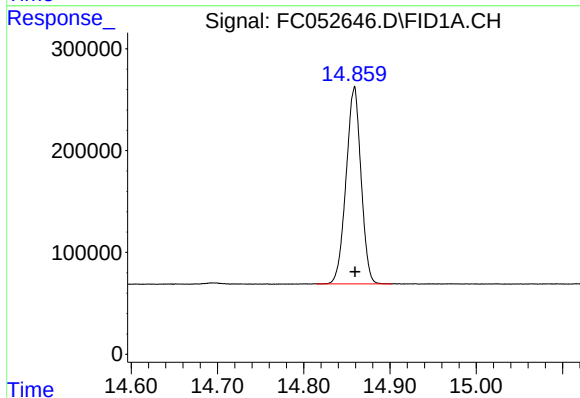
R.T.: 13.002 min
Delta R.T.: -0.004 min
Response: 2120679
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

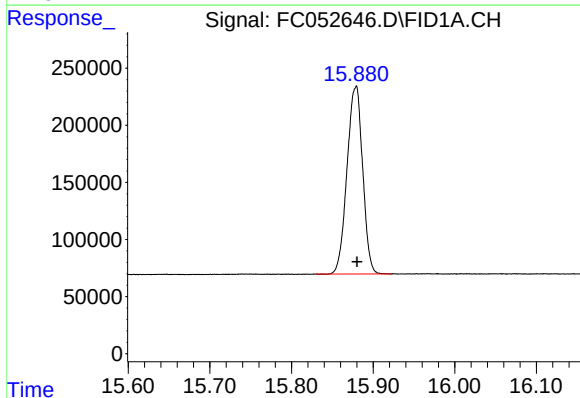
R.T.: 13.755 min
Delta R.T.: -0.004 min
Response: 2443993
Conc: 19.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



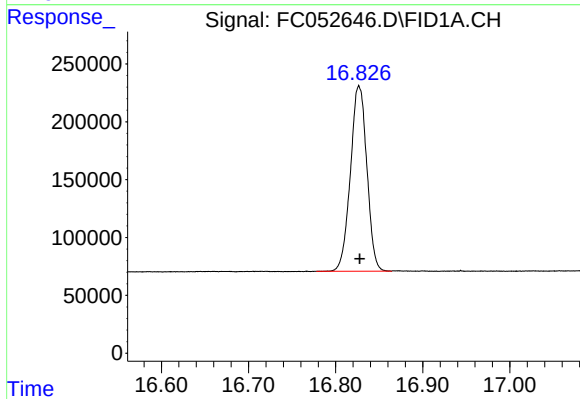
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 2326736
Conc: 18.63 ug/ml



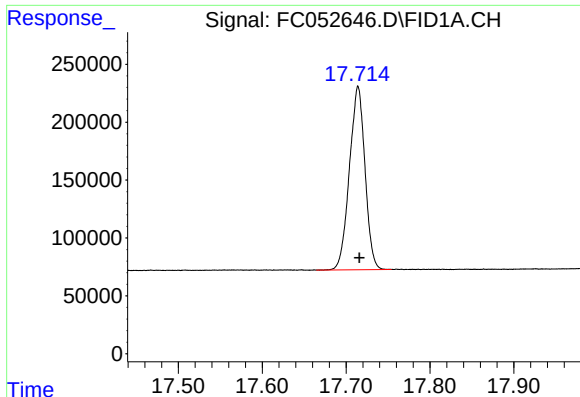
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.001 min
Response: 2191435
Conc: 18.20 ug/ml



#16 n-Octacosane (C28)

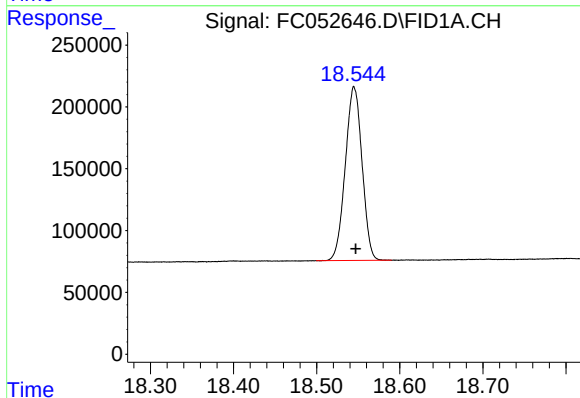
R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 2098971
Conc: 18.21 ug/ml



#17 n-Tricontane (C30)

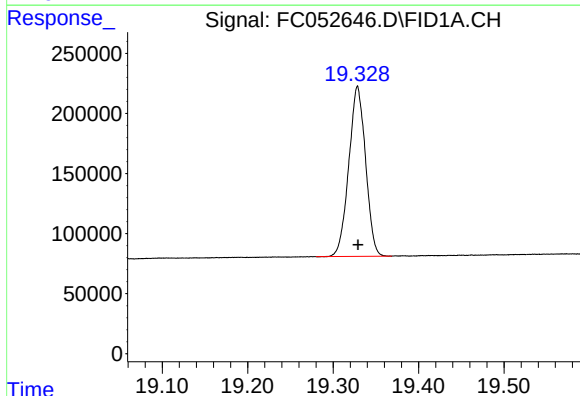
R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 2038682
Conc: 18.71 ug/ml

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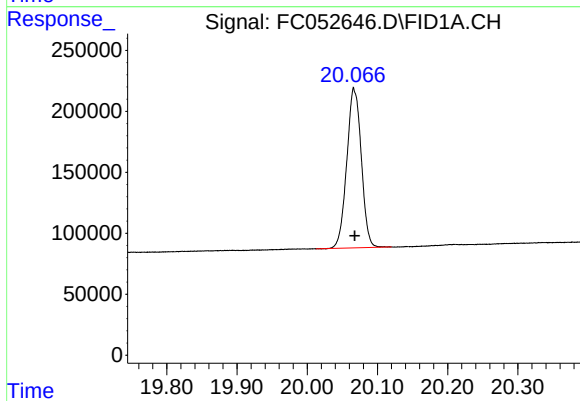
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 1969161
Conc: 19.63 ug/ml



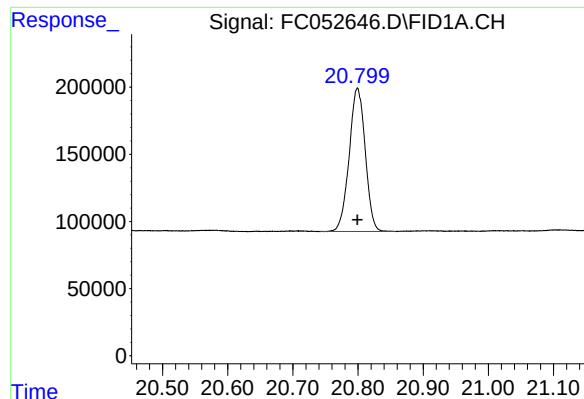
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 1933720
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

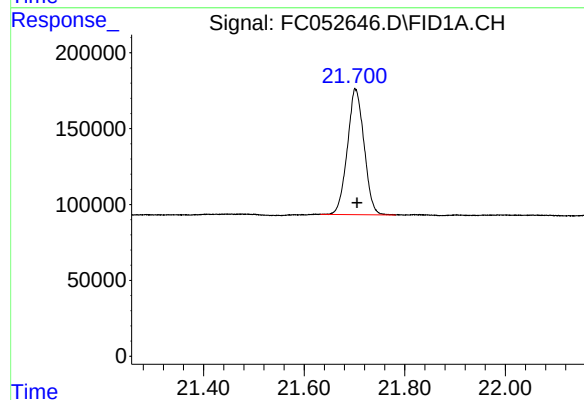
R.T.: 20.066 min
Delta R.T.: -0.001 min
Response: 1878949
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1830107
Conc: 22.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.003 min
Response: 1907813
Conc: 22.15 ug/ml