

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031522AL\
 Data File : FC058736.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2022 10:25
 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: sample.E
 Quant Time: Mar 15 12:15:18 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)	11.398	2567143	17.625 ug/ml
Spiked Amount 50.000		Recovery =	35.25%
12) S 1-chlorooctadecane (S...	12.829	1953373	17.233 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
Target Compounds			
1) T n-Nonane (C9)	3.254	2285675	19.007 ug/ml
2) T n-Decane (C10)	4.304	2261534	19.005 ug/ml
3) T A~Naphthalene (C11.7)	5.867	2329321	17.948 ug/ml
4) T n-Dodecane (C12)	6.298	2353703	19.133 ug/ml
5) T A~2-methylnaphthalene...	6.912	2338297	17.936 ug/ml
6) T n-Tetradecane (C14)	8.074	2371666	18.927 ug/ml
7) T n-Hexadecane (C16)	9.660	2383901	18.511 ug/ml
8) T n-Octadecane (C18)	11.091	2403471	18.264 ug/ml
10) T n-Eicosane (C20)	12.390	2332577	17.739 ug/ml
11) T n-Heneicosane (C21)	12.997	2326506	17.604 ug/ml
13) T n-Docosane (C22)	13.580	2267240	17.391 ug/ml
14) T n-Tetracosane (C24)	14.674	2224641	17.227 ug/ml
15) T n-Hexacosane (C26)	15.689	2168619	17.531 ug/ml
16) T n-Octacosane (C28)	16.634	2152042	18.079 ug/ml
17) T n-Tricontane (C30)	17.515	2136084	18.977 ug/ml
18) T n-Dotriacontane (C32)	18.344	2068695	19.238 ug/ml
19) T n-Tetratriacontane (C34)	19.123	1968515	20.317 ug/ml
20) T n-Hexatriacontane (C36)	19.859	1865870	20.682 ug/ml
21) T n-Octatriacontane (C38)	20.563	1818791	20.900 ug/ml
22) T n-Tetracontane (C40)	21.387	1808305	21.549 ug/ml

(f)=RT Delta > 1/2 Window

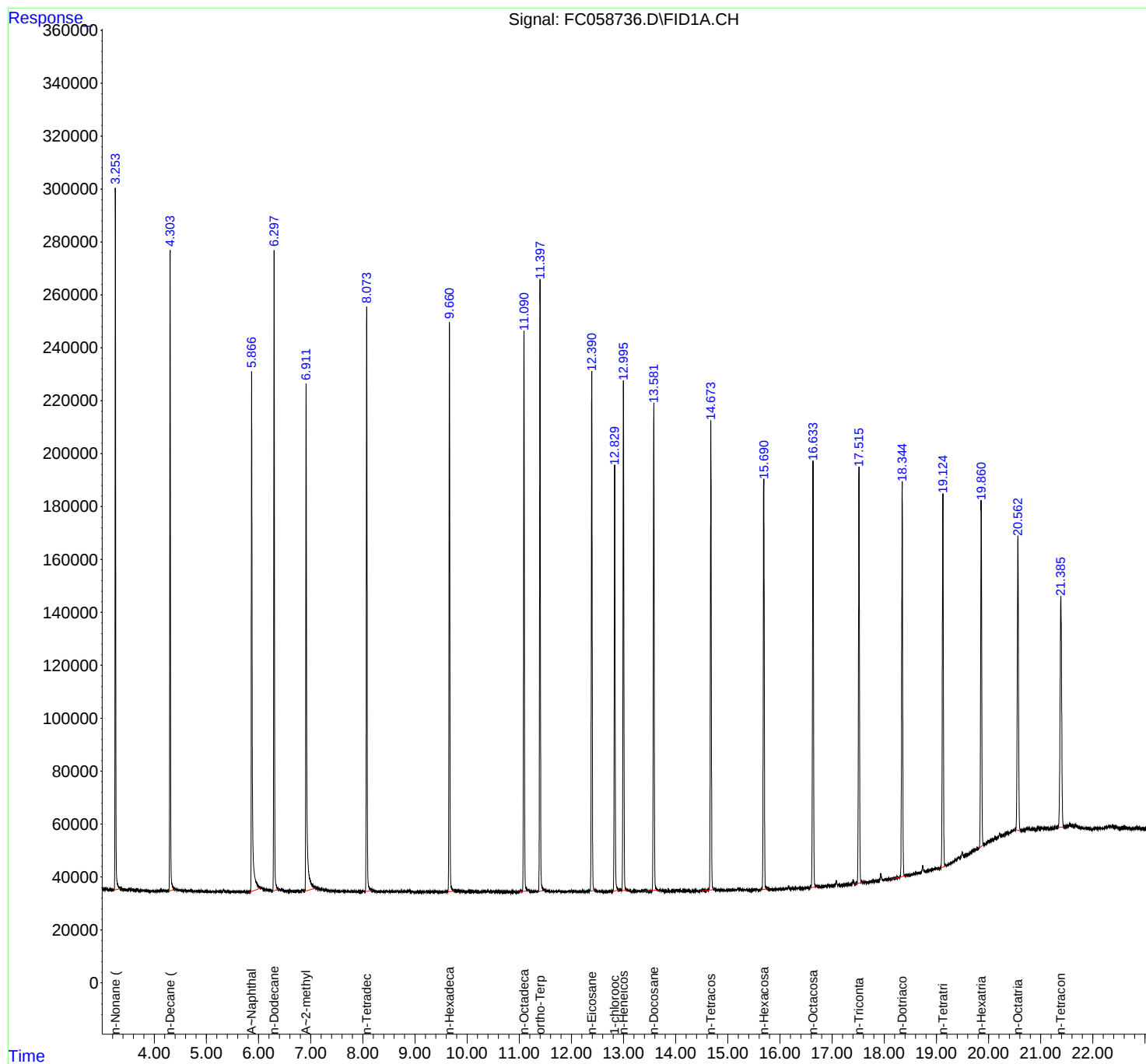
(m)=manual int.

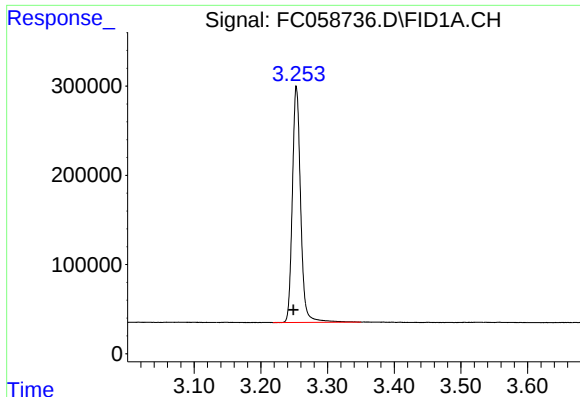
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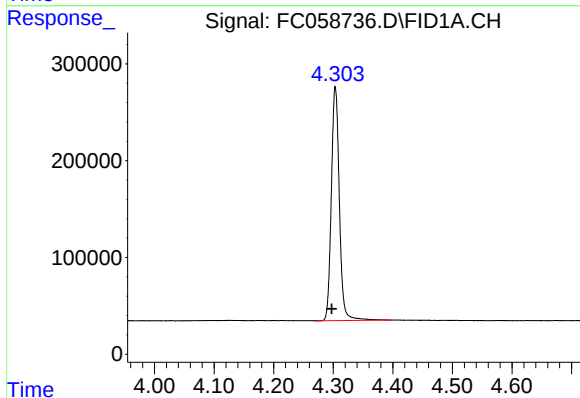




#1 n-Nonane (C9)

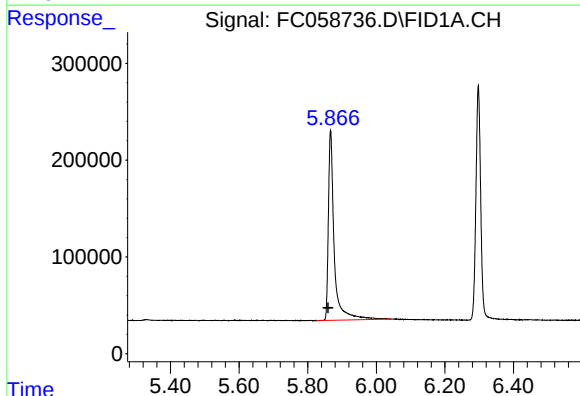
R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2285675
Conc: 19.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



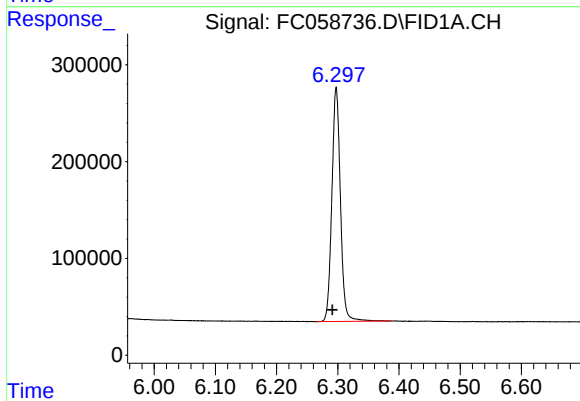
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.006 min
Response: 2261534
Conc: 19.00 ug/ml



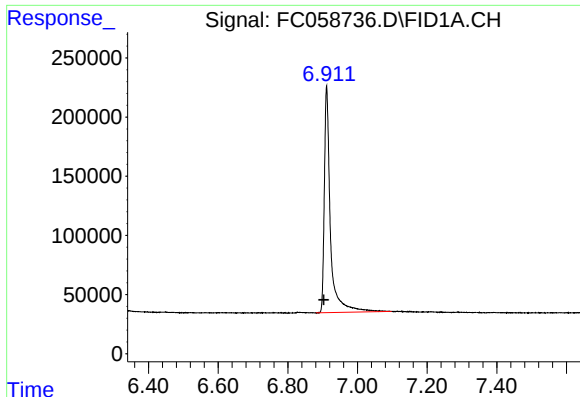
#3 A~Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: 0.008 min
Response: 2329321
Conc: 17.95 ug/ml



#4 n-Dodecane (C12)

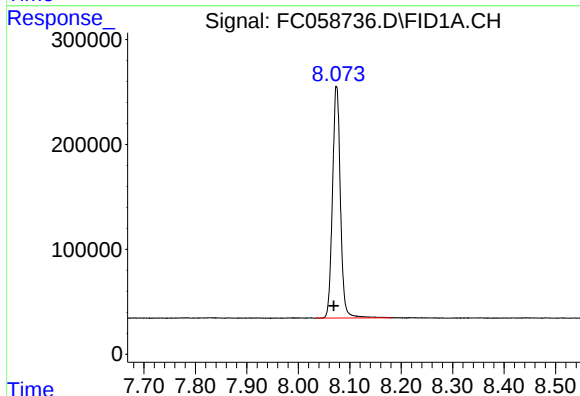
R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2353703
Conc: 19.13 ug/ml



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

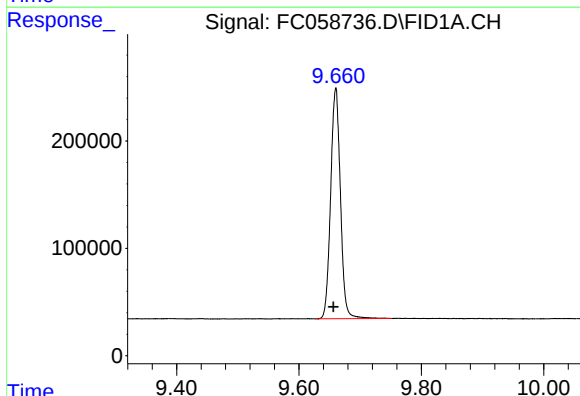
R.T.: 6.912 min
Delta R.T.: 0.009 min
Response: 2338297
Conc: 17.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



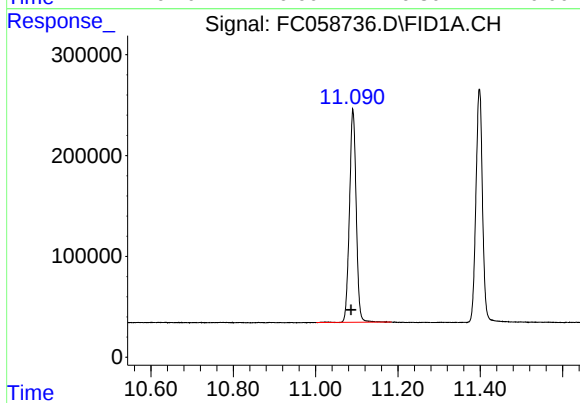
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.006 min
Response: 2371666
Conc: 18.93 ug/ml



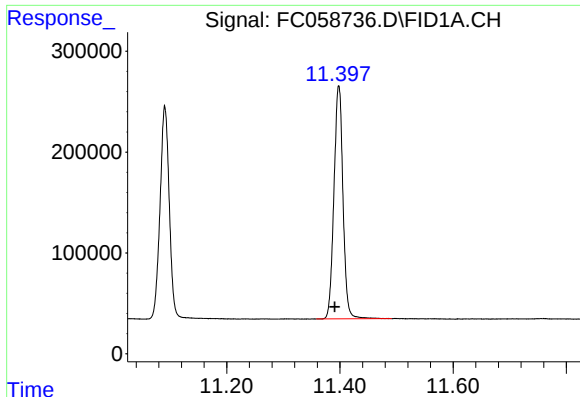
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: 0.004 min
Response: 2383901
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

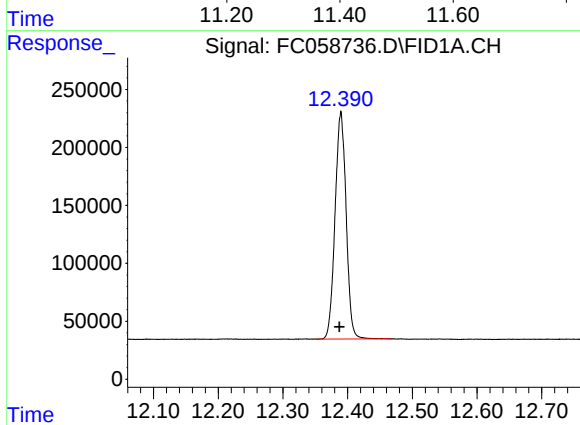
R.T.: 11.091 min
Delta R.T.: 0.004 min
Response: 2403471
Conc: 18.26 ug/ml



#9 ortho-Terphenyl (SURR)

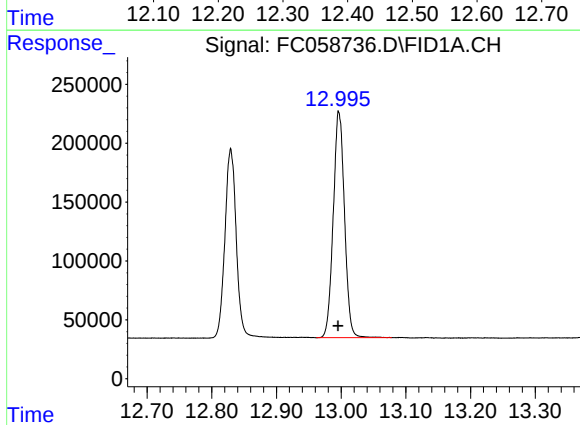
R.T.: 11.398 min
Delta R.T.: 0.007 min
Response: 2567143
Conc: 17.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



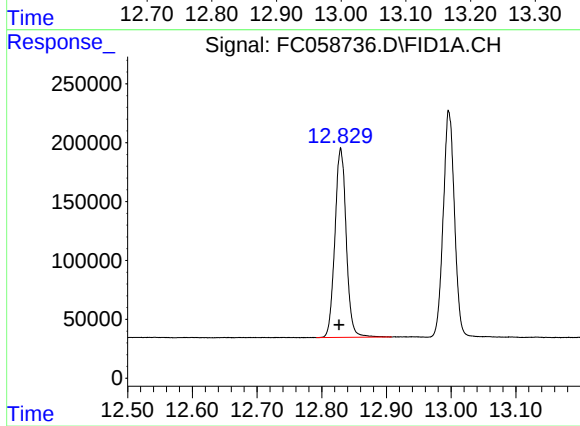
#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.002 min
Response: 2332577
Conc: 17.74 ug/ml



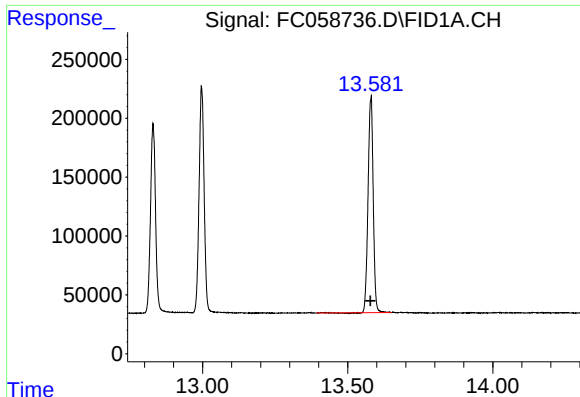
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.001 min
Response: 2326506
Conc: 17.60 ug/ml



#12 1-chlorooctadecane (SURR)

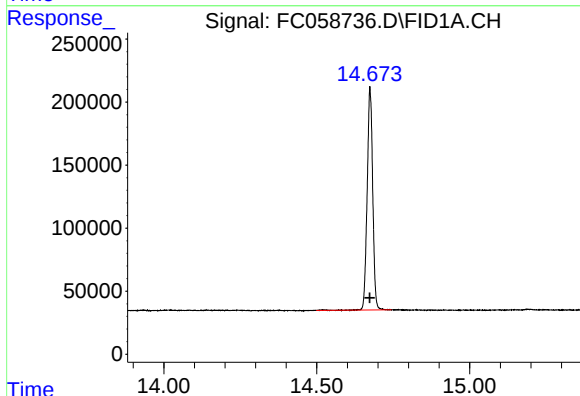
R.T.: 12.829 min
Delta R.T.: 0.003 min
Response: 1953373
Conc: 17.23 ug/ml



#13 n-Docosane (C22)

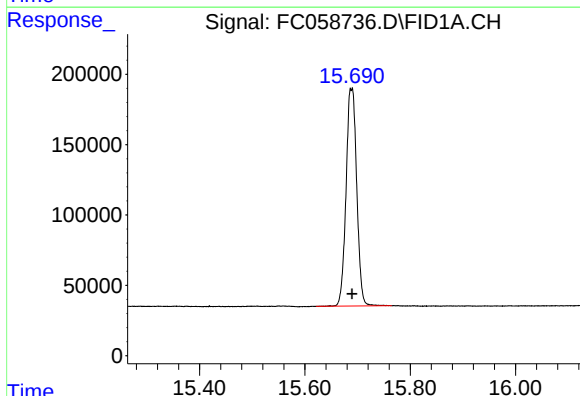
R.T.: 13.580 min
Delta R.T.: 0.002 min
Response: 2267240
Conc: 17.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



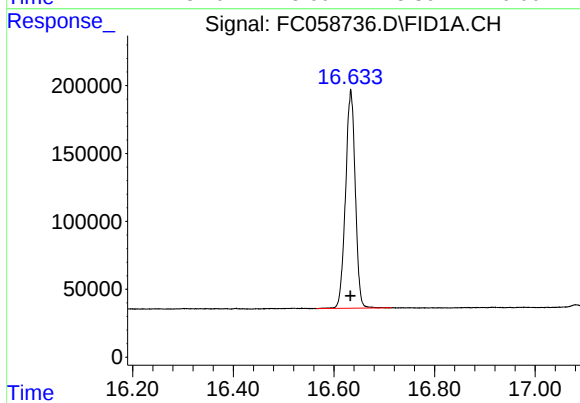
#14 n-Tetracosane (C24)

R.T.: 14.674 min
Delta R.T.: 0.000 min
Response: 2224641
Conc: 17.23 ug/ml



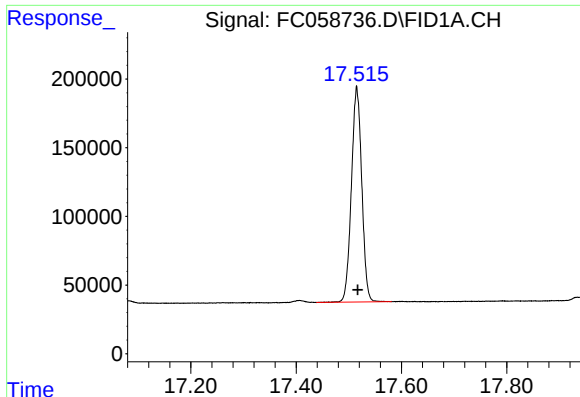
#15 n-Hexacosane (C26)

R.T.: 15.689 min
Delta R.T.: 0.000 min
Response: 2168619
Conc: 17.53 ug/ml



#16 n-Octacosane (C28)

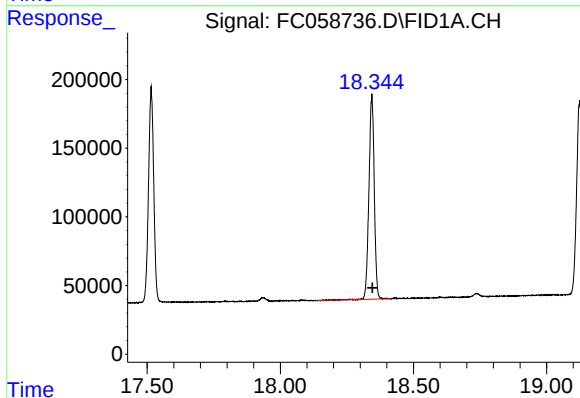
R.T.: 16.634 min
Delta R.T.: 0.000 min
Response: 2152042
Conc: 18.08 ug/ml



#17 n-Tricontane (C30)

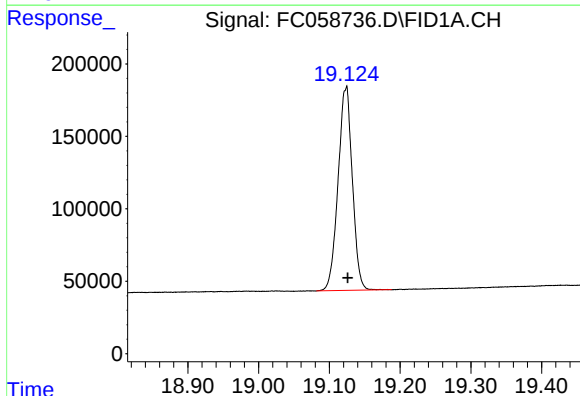
R.T.: 17.515 min
Delta R.T.: -0.002 min
Response: 2136084
Conc: 18.98 ug/ml

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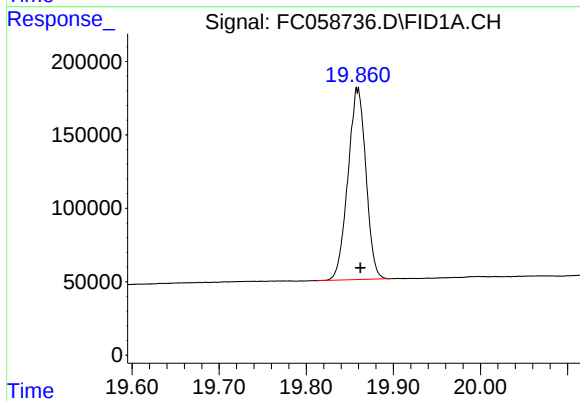
#18 n-Dotriacontane (C32)

R.T.: 18.344 min
Delta R.T.: -0.002 min
Response: 2068695
Conc: 19.24 ug/ml



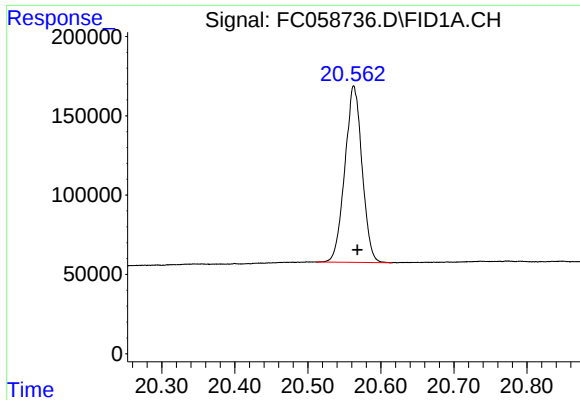
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 1968515
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

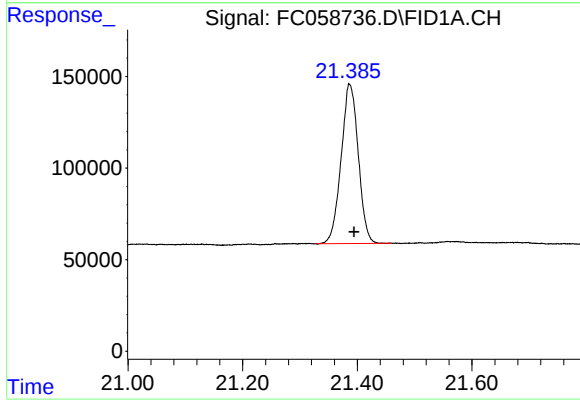
R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 1865870
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.005 min
Response: 1818791
Conc: 20.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: -0.008 min
Response: 1808305
Conc: 21.55 ug/ml