

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021822AL\
 Data File : FC058390.D
 Signal(s) : FID1A.CH
 Acq On : 18 Feb 2022 16:12
 Operator : YP\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: Feb 18 22:15:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:18:53 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)	11.385	33134804	23.614 ug/ml
Spiked Amount 50.000		Recovery =	47.23%
12) S 1-chlorooctadecane (S...	12.817	25066597	23.951 ug/ml
Spiked Amount 50.000		Recovery =	47.90%
Target Compounds			
1) T n-Nonane (C9)	3.363	27661063	23.381 ug/ml
2) T n-Decane (C10)	4.326	27966670	23.395 ug/ml
3) T A~Naphthalene (C11.7)	5.839	31405114	23.707 ug/ml
4) T n-Dodecane (C12)	6.275	29215501	23.485 ug/ml
5) T A~2-methylnaphthalene...	6.881	31469354	23.664 ug/ml
6) T n-Tetradecane (C14)	8.052	29390551	23.610 ug/ml
7) T n-Hexadecane (C16)	9.643	29628731	23.619 ug/ml
8) T n-Octadecane (C18)	11.080	29774016	23.593 ug/ml
10) T n-Eicosane (C20)	12.380	29427898	23.625 ug/ml
11) T n-Heneicosane (C21)	12.988	29422212	23.651 ug/ml
13) T n-Docosane (C22)	13.572	29398952	23.795 ug/ml
14) T n-Tetracosane (C24)	14.669	29055675	23.890 ug/ml
15) T n-Hexacosane (C26)	15.687	28329870	23.958 ug/ml
16) T n-Octacosane (C28)	16.631	27312100	23.886 ug/ml
17) T n-Tricontane (C30)	17.516	25433599	23.387 ug/ml
18) T n-Dotriacontane (C32)	18.343	21756893	22.970 ug/ml
19) T n-Tetratriacontane (C34)	19.121	17232655	20.073 ug/ml
20) T n-Hexatriacontane (C36)	19.854	12548725	17.925 ug/ml
21) T n-Octatriacontane (C38)	20.558	9279028	16.576 ug/ml
22) T n-Tetracontane (C40)	21.377	6574938	15.110 ug/ml

(f)=RT Delta > 1/2 Window

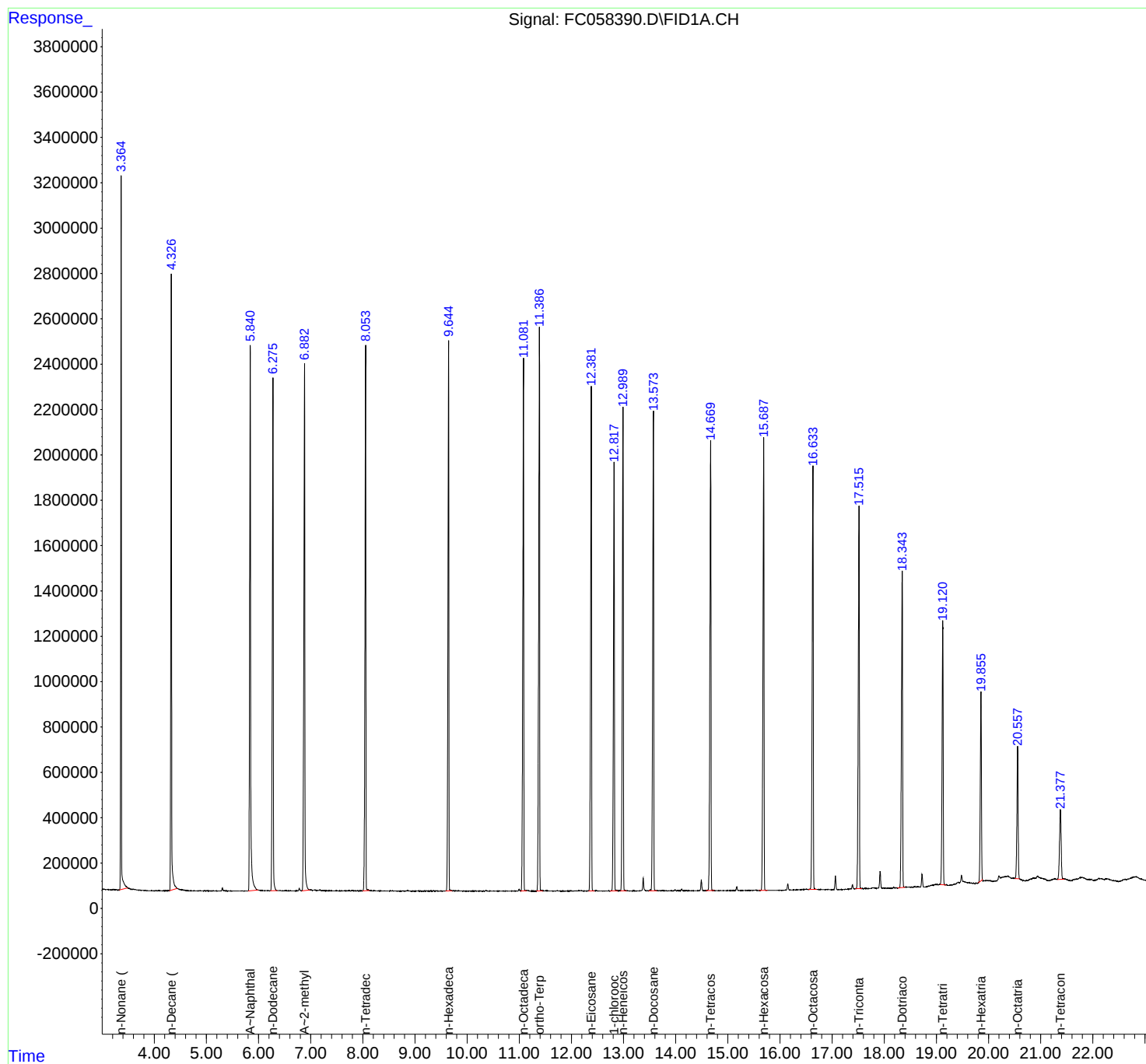
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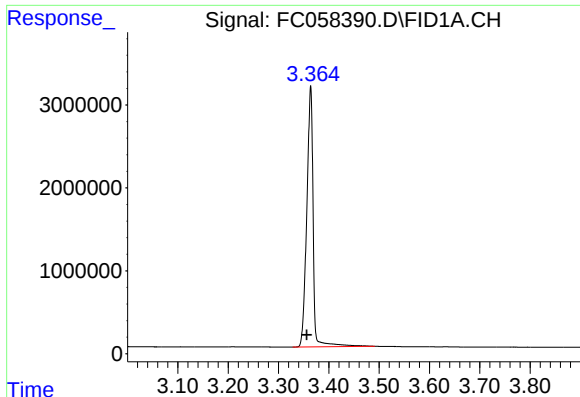
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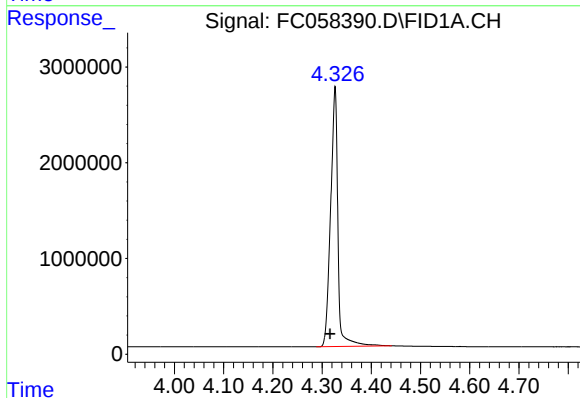




#1 n-Nonane (C9)

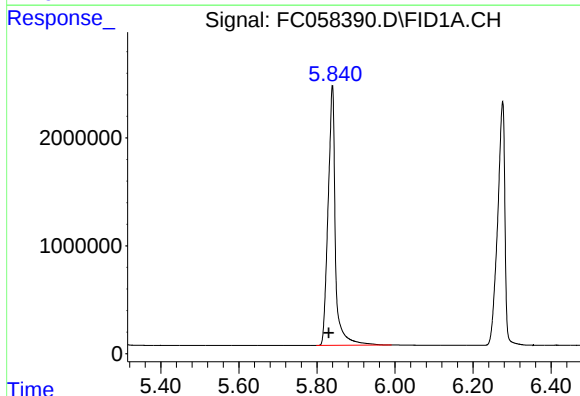
R.T.: 3.363 min
Delta R.T.: 0.007 min
Response: 27661063
Conc: 23.38 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



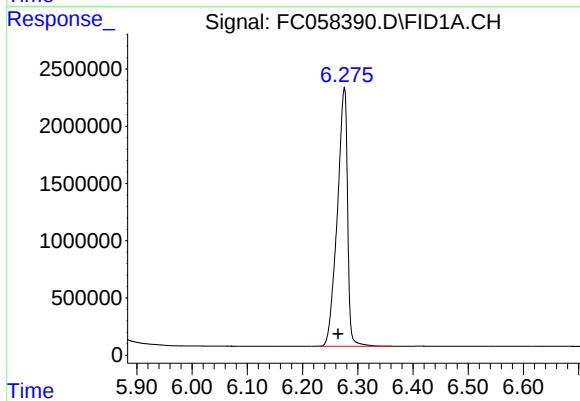
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: 0.009 min
Response: 27966670
Conc: 23.39 ug/ml



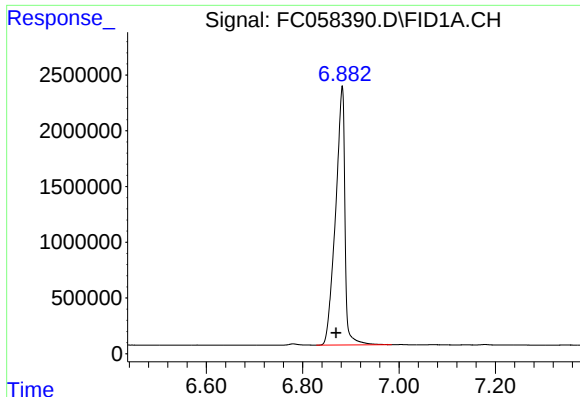
#3 A~Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: 0.009 min
Response: 31405114
Conc: 23.71 ug/ml



#4 n-Dodecane (C12)

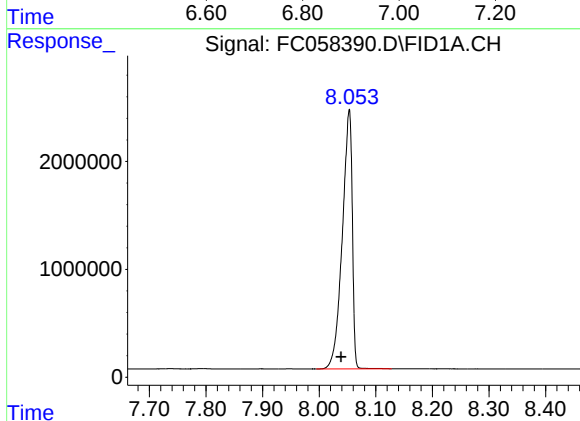
R.T.: 6.275 min
Delta R.T.: 0.010 min
Response: 29215501
Conc: 23.48 ug/ml



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

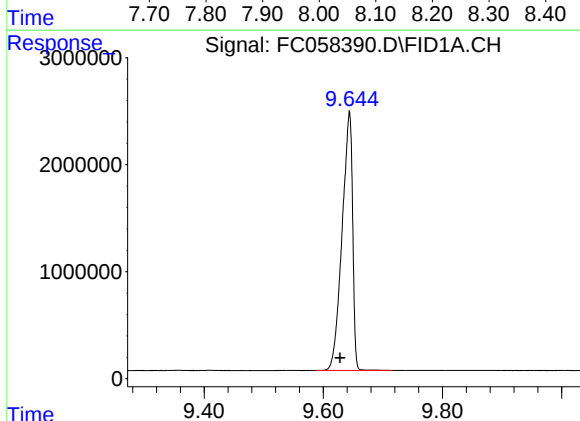
R.T.: 6.881 min
Delta R.T.: 0.012 min
Response: 31469354
Conc: 23.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



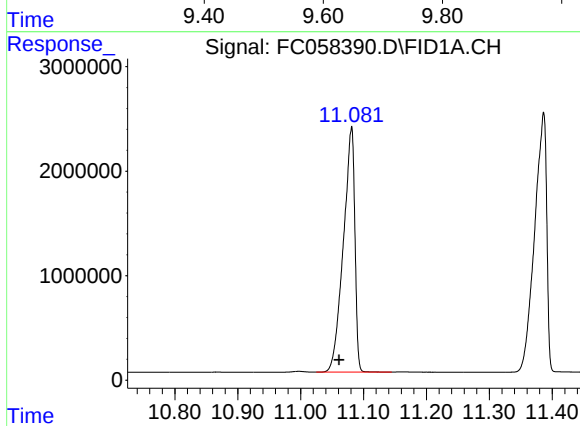
#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: 0.013 min
Response: 29390551
Conc: 23.61 ug/ml



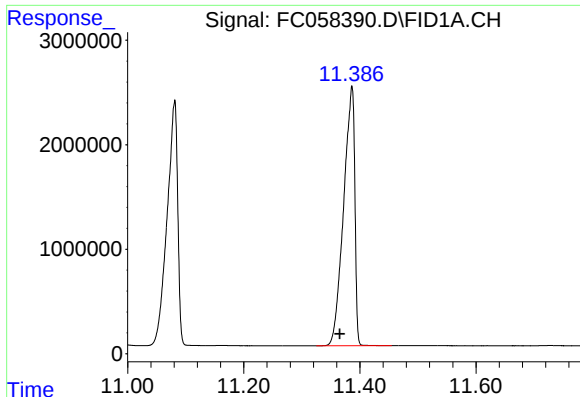
#7 n-Hexadecane (C16)

R.T.: 9.643 min
Delta R.T.: 0.015 min
Response: 29628731
Conc: 23.62 ug/ml



#8 n-Octadecane (C18)

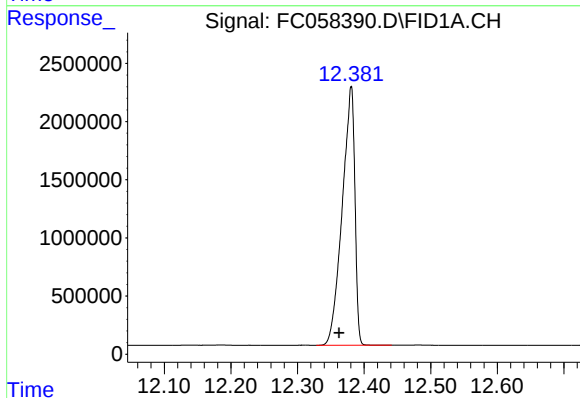
R.T.: 11.080 min
Delta R.T.: 0.019 min
Response: 29774016
Conc: 23.59 ug/ml



#9 ortho-Terphenyl (SURRE)

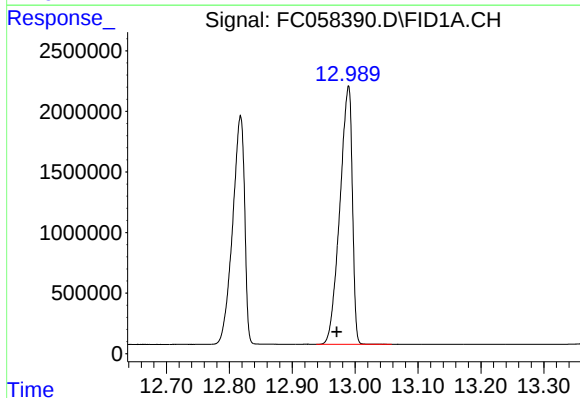
R.T.: 11.385 min
Delta R.T.: 0.020 min
Response: 33134804
Conc: 23.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



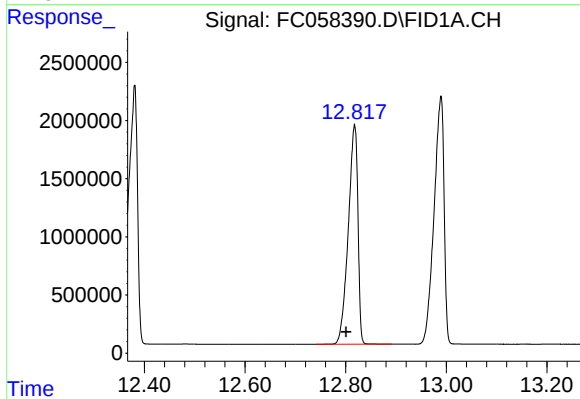
#10 n-Eicosane (C20)

R.T.: 12.380 min
Delta R.T.: 0.018 min
Response: 29427898
Conc: 23.63 ug/ml



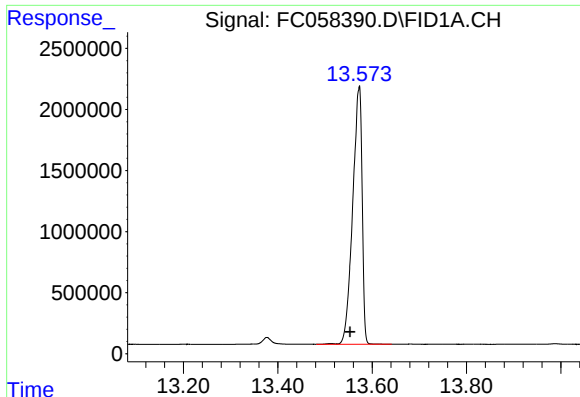
#11 n-Heneicosane (C21)

R.T.: 12.988 min
Delta R.T.: 0.018 min
Response: 29422212
Conc: 23.65 ug/ml



#12 1-chlorooctadecane (SURRE)

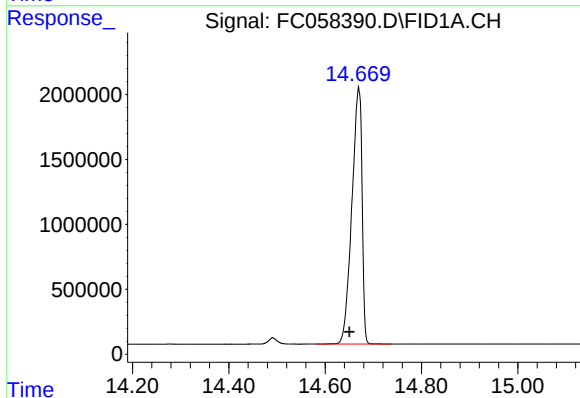
R.T.: 12.817 min
Delta R.T.: 0.016 min
Response: 25066597
Conc: 23.95 ug/ml



#13 n-Docosane (C22)

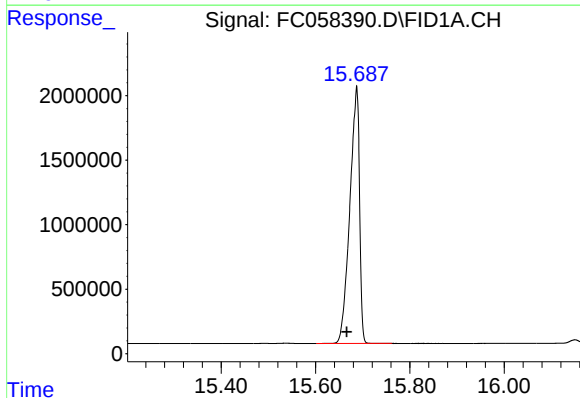
R.T.: 13.572 min
Delta R.T.: 0.018 min
Response: 29398952
Conc: 23.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



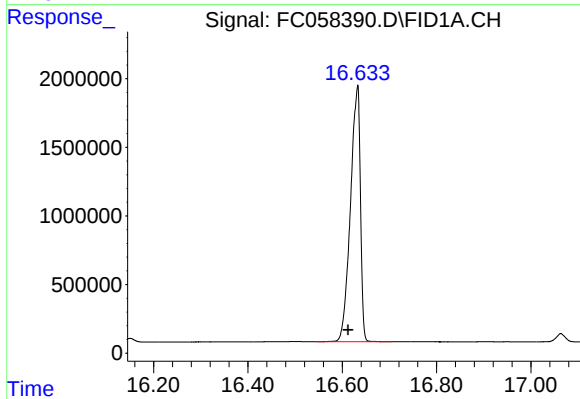
#14 n-Tetracosane (C24)

R.T.: 14.669 min
Delta R.T.: 0.019 min
Response: 29055675
Conc: 23.89 ug/ml



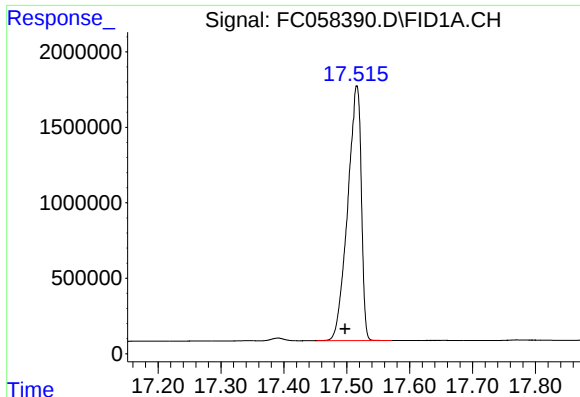
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: 0.020 min
Response: 28329870
Conc: 23.96 ug/ml



#16 n-Octacosane (C28)

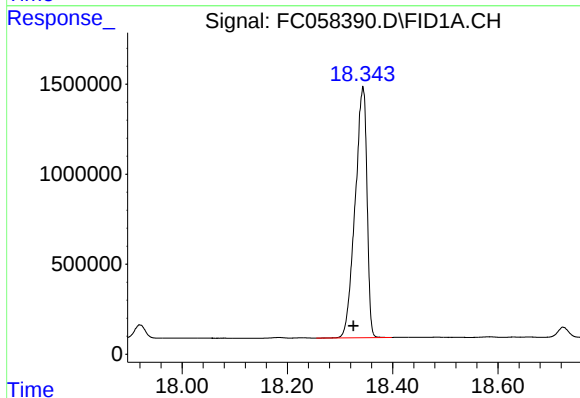
R.T.: 16.631 min
Delta R.T.: 0.019 min
Response: 27312100
Conc: 23.89 ug/ml



#17 n-Tricontane (C30)

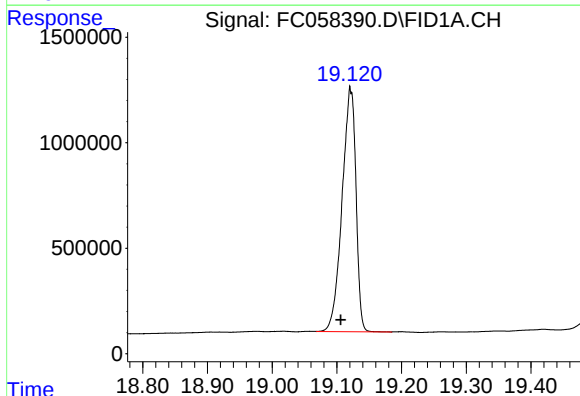
R.T.: 17.516 min
Delta R.T.: 0.018 min
Response: 25433599
Conc: 23.39 ug/ml

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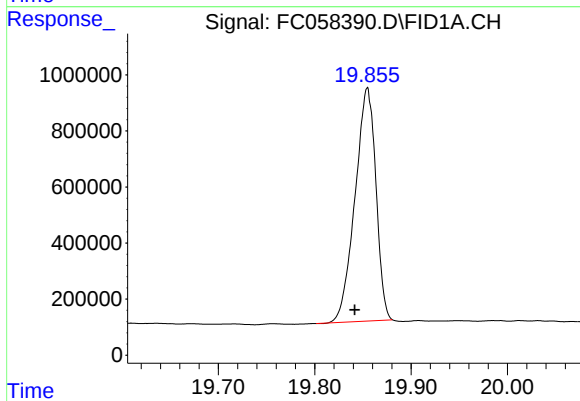
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: 0.017 min
Response: 21756893
Conc: 22.97 ug/ml



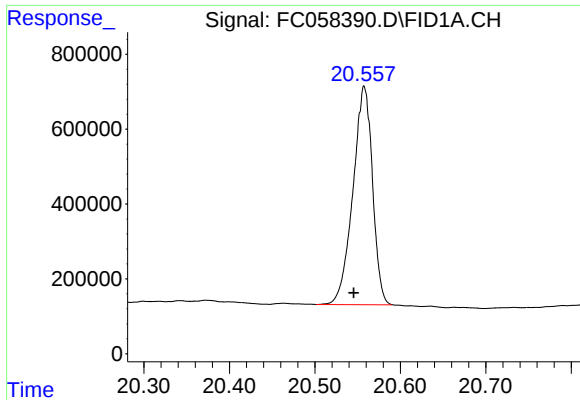
#19 n-Tetratriacontane (C34)

R.T.: 19.121 min
Delta R.T.: 0.015 min
Response: 17232655
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

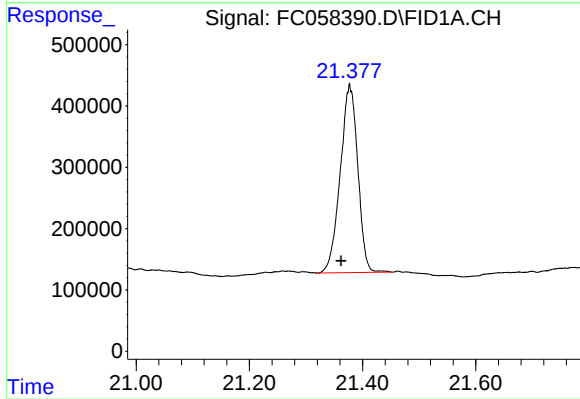
R.T.: 19.854 min
Delta R.T.: 0.013 min
Response: 12548725
Conc: 17.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.558 min
Delta R.T.: 0.012 min
Response: 9279028
Conc: 16.58 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.377 min
Delta R.T.: 0.016 min
Response: 6574938
Conc: 15.11 ug/ml