

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061820AL\
 Data File : FC047913.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2020 13:49
 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: Jun 19 02:17:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 2020
 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)	11.725	2464527	20.545 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	13.137	1979744	20.215 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.537	2210278	22.087 ug/ml
2) T n-Decane (C10)	4.599	2255051	22.444 ug/ml
3) T A-Naphthalene (C11.7)	6.197	2258454	22.384 ug/ml
4) T n-Dodecane (C12)	6.598	2344604	22.397 ug/ml
5) T A~2-methylnaphthalene...	7.244	2276967	21.998 ug/ml
6) T n-Tetradecane (C14)	8.375	2335719	22.255 ug/ml
7) T n-Hexadecane (C16)	9.962	2297526	21.990 ug/ml
8) T n-Octadecane (C18)	11.392	2371656	21.336 ug/ml
10) T n-Eicosane (C20)	12.692	2354347	20.688 ug/ml
11) T n-Heneicosane (C21)	13.299	2321381	20.286 ug/ml
13) T n-Docosane (C22)	13.881	2284645	19.917 ug/ml
14) T n-Tetracosane (C24)	14.976	2201667	19.159 ug/ml
15) T n-Hexacosane (C26)	15.990	2106200	18.439 ug/ml
16) T n-Octacosane (C28)	16.934	2060874	18.132 ug/ml
17) T n-Tricontane (C30)	17.816	2030412	18.526 ug/ml
18) T n-Dotriacontane (C32)	18.641	1889962	19.065 ug/ml
19) T n-Tetratriacontane (C34)	19.422	1782724	19.465 ug/ml
20) T n-Hexatriacontane (C36)	20.156	1712421	19.968 ug/ml
21) T n-Octatriacontane (C38)	20.907	1629530	20.462 ug/ml
22) T n-Tetracontane (C40)	21.842	1694166	21.427 ug/ml

(f)=RT Delta > 1/2 Window

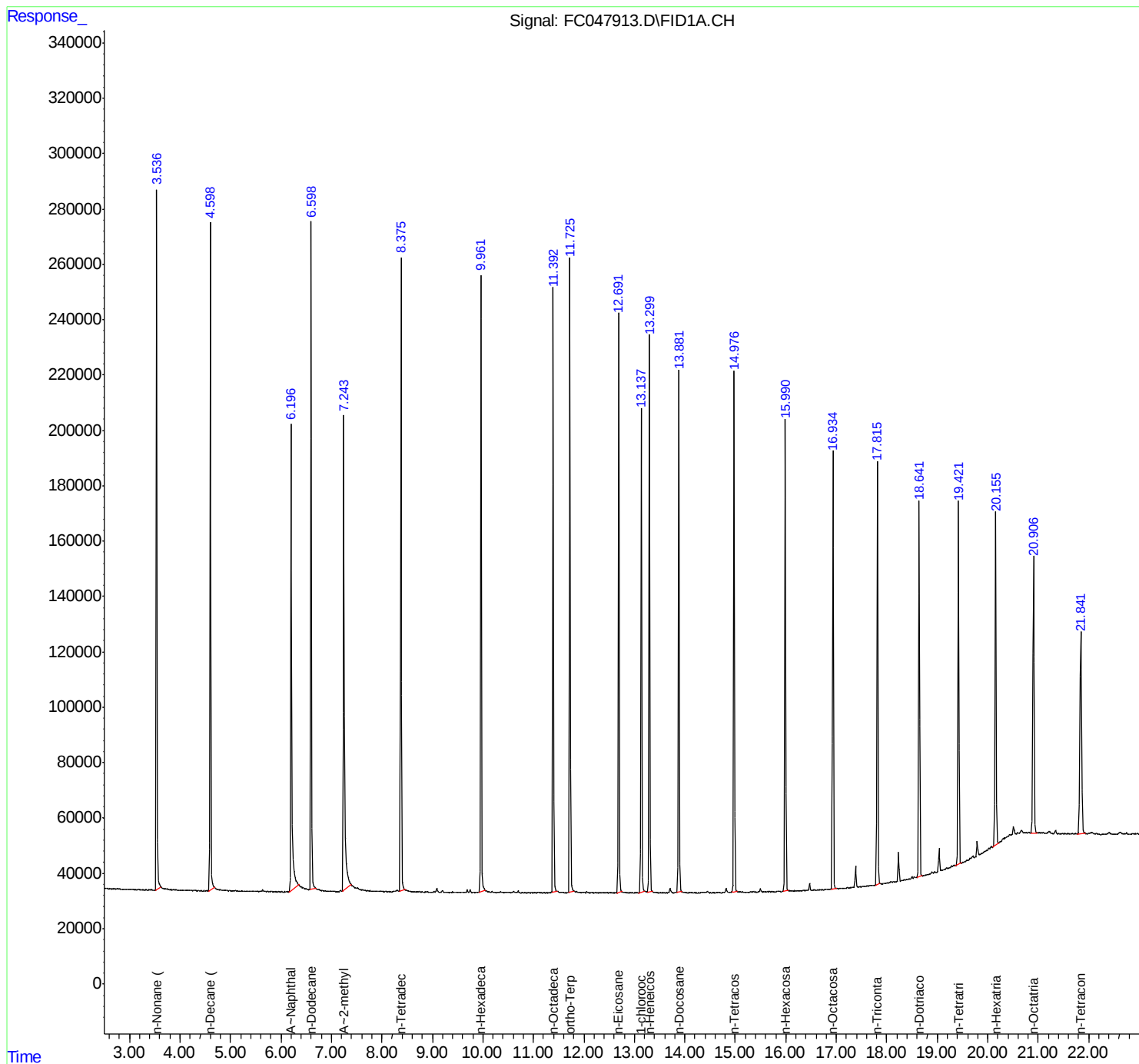
(m)=manual int.

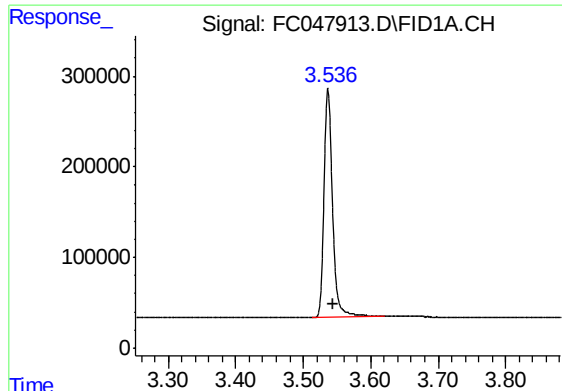
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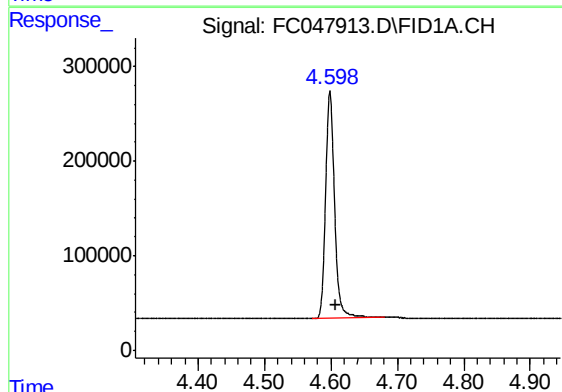




#1 n-Nonane (C9)

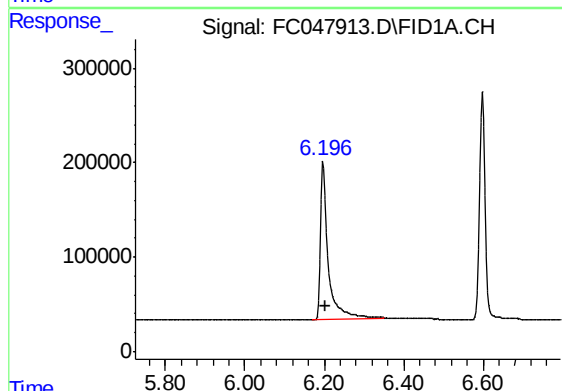
R.T.: 3.537 min
Delta R.T.: -0.007 min
Response: 2210278
Conc: 22.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



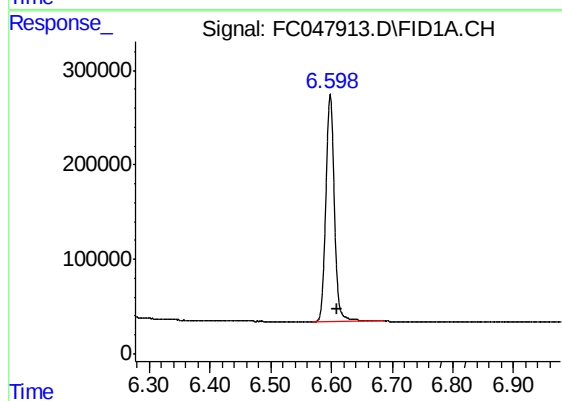
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.010 min
Response: 2255051
Conc: 22.44 ug/ml



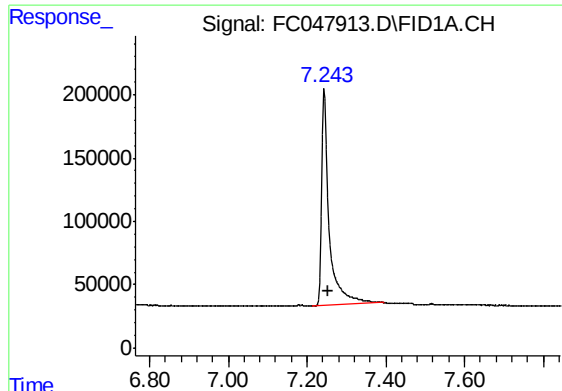
#3 A-Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 2258454
Conc: 22.38 ug/ml



#4 n-Dodecane (C12)

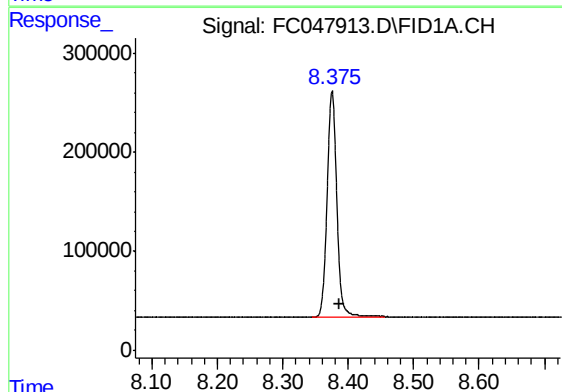
R.T.: 6.598 min
Delta R.T.: -0.012 min
Response: 2344604
Conc: 22.40 ug/ml



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

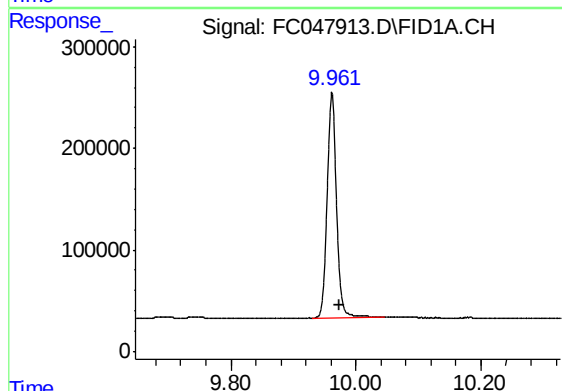
R.T.: 7.244 min
Delta R.T.: -0.009 min
Response: 2276967
Conc: 22.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



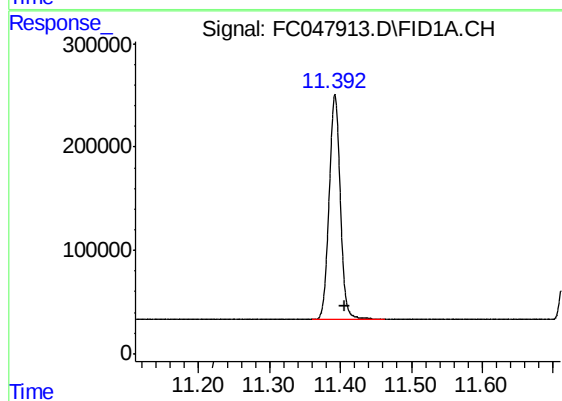
#6 n-Tetradecane (C14)

R.T.: 8.375 min
Delta R.T.: -0.012 min
Response: 2335719
Conc: 22.25 ug/ml



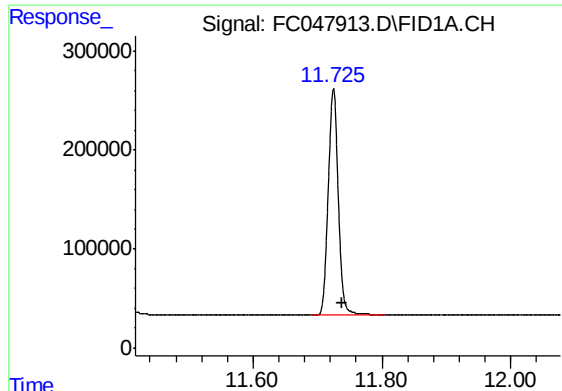
#7 n-Hexadecane (C16)

R.T.: 9.962 min
Delta R.T.: -0.012 min
Response: 2297526
Conc: 21.99 ug/ml



#8 n-Octadecane (C18)

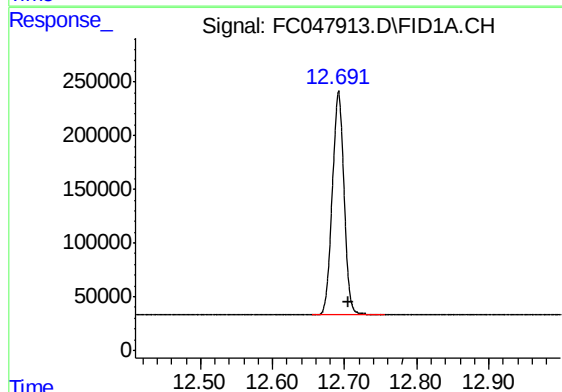
R.T.: 11.392 min
Delta R.T.: -0.014 min
Response: 2371656
Conc: 21.34 ug/ml



#9 ortho-Terphenyl (SURR)

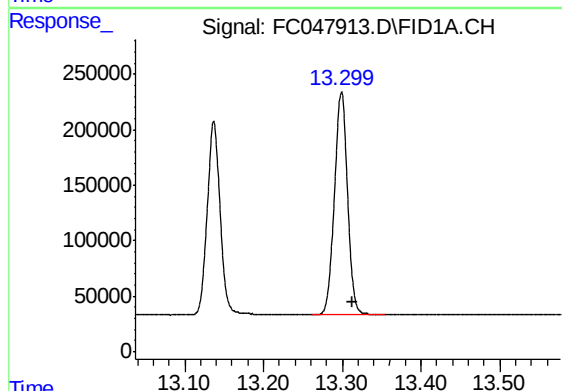
R.T.: 11.725 min
Delta R.T.: -0.014 min
Response: 2464527
Conc: 20.55 ug/ml

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FID_C
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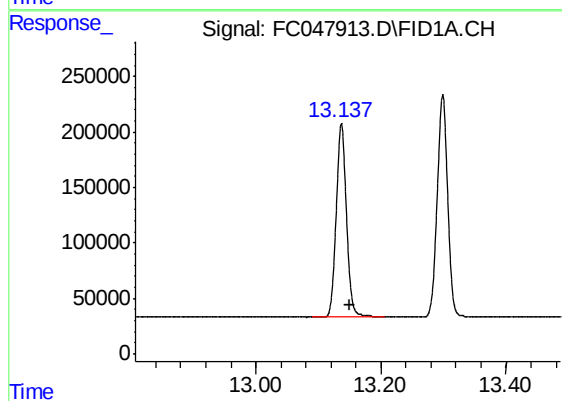
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: -0.013 min
Response: 2354347
Conc: 20.69 ug/ml



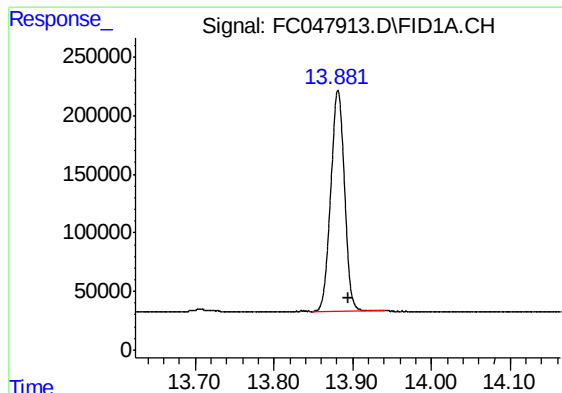
#11 n-Heneicosane (C21)

R.T.: 13.299 min
Delta R.T.: -0.014 min
Response: 2321381
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

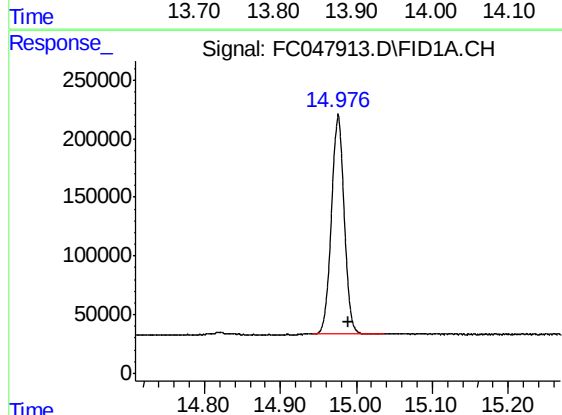
R.T.: 13.137 min
Delta R.T.: -0.013 min
Response: 1979744
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

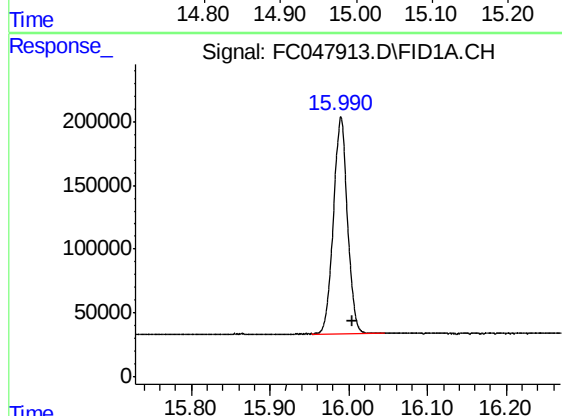
R.T.: 13.881 min
Delta R.T.: -0.014 min
Response: 2284645
Conc: 19.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



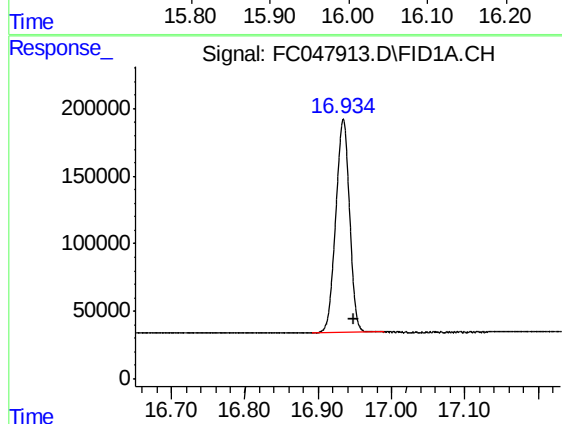
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: -0.014 min
Response: 2201667
Conc: 19.16 ug/ml



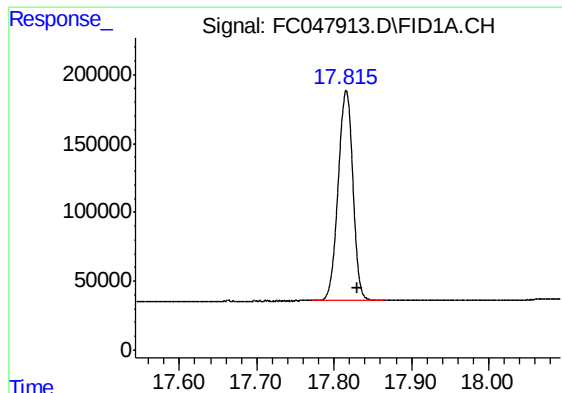
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: -0.014 min
Response: 2106200
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

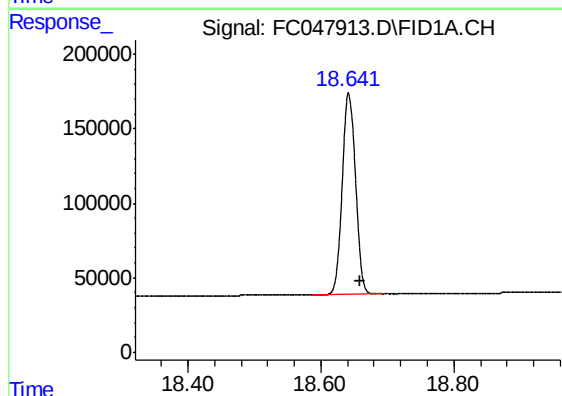
R.T.: 16.934 min
Delta R.T.: -0.014 min
Response: 2060874
Conc: 18.13 ug/ml



#17 n-Tricontane (C30)

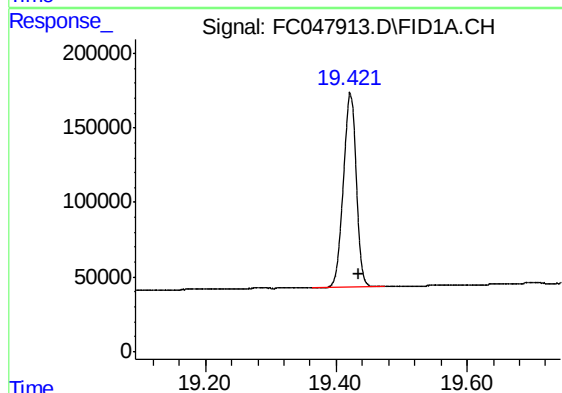
R.T.: 17.816 min
Delta R.T.: -0.015 min
Response: 2030412
Conc: 18.53 ug/ml

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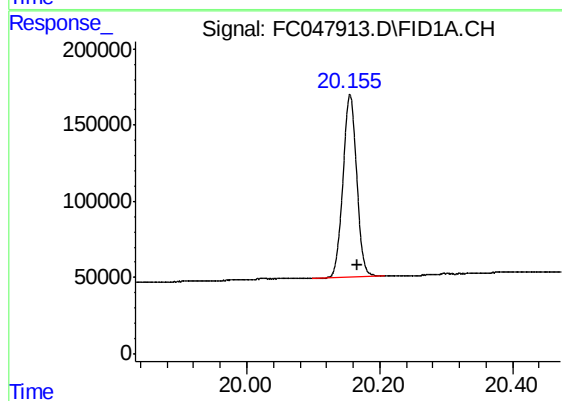
#18 n-Dotriacontane (C32)

R.T.: 18.641 min
Delta R.T.: -0.017 min
Response: 1889962
Conc: 19.06 ug/ml



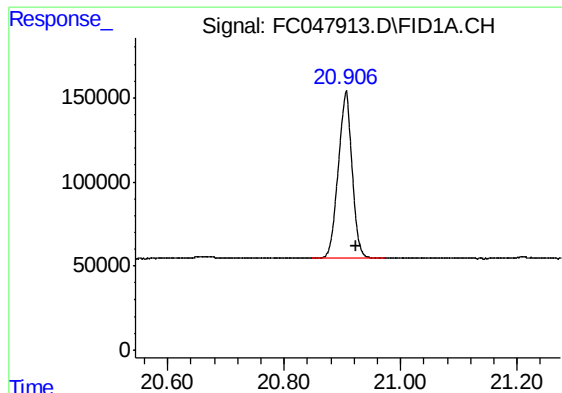
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: -0.014 min
Response: 1782724
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

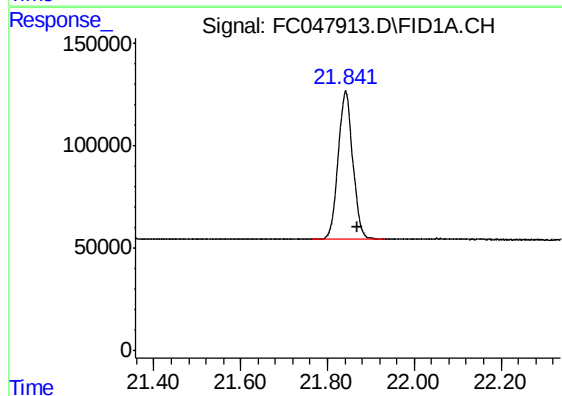
R.T.: 20.156 min
Delta R.T.: -0.012 min
Response: 1712421
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.016 min
Response: 1629530
Conc: 20.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.842 min
Delta R.T.: -0.026 min
Response: 1694166
Conc: 21.43 ug/ml