

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092619AL\
 Data File : FC043637.D
 Signal(s) : FID1A.CH
 Acq On : 26 Sep 2019 11:04
 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: Sep 26 16:05:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 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)	11.591	2932455	19.320 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	13.011	2253648	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.436	2499439	20.673 ug/ml
2) T n-Decane (C10)	4.489	2518135	20.804 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2529257	21.483 ug/ml
4) T n-Dodecane (C12)	6.482	2645392	20.915 ug/ml
5) T A~2-methylnaphthalene...	7.113	2570614	21.332 ug/ml
6) T n-Tetradecane (C14)	8.257	2681572	20.833 ug/ml
7) T n-Hexadecane (C16)	9.842	2713710	20.610 ug/ml
8) T n-Octadecane (C18)	11.270	2724836	19.978 ug/ml
10) T n-Eicosane (C20)	12.568	2698269	19.332 ug/ml
11) T n-Heneicosane (C21)	13.176	2698011	18.985 ug/ml
13) T n-Docosane (C22)	13.758	2650674	18.655 ug/ml
14) T n-Tetracosane (C24)	14.854	2578544	17.961 ug/ml
15) T n-Hexacosane (C26)	15.867	2466576	17.249 ug/ml
16) T n-Octacosane (C28)	16.812	2357000	16.627 ug/ml
17) T n-Tricontane (C30)	17.695	2265282	16.152 ug/ml
18) T n-Dotriacontane (C32)	18.523	2122707	15.980 ug/ml
19) T n-Tetratriacontane (C34)	19.302	2031680	16.261 ug/ml
20) T n-Hexatriacontane (C36)	20.038	1943184	16.812 ug/ml
21) T n-Octatriacontane (C38)	20.763	1837620	17.266 ug/ml
22) T n-Tetracontane (C40)	21.653	1938211	18.537 ug/ml

(f)=RT Delta > 1/2 Window

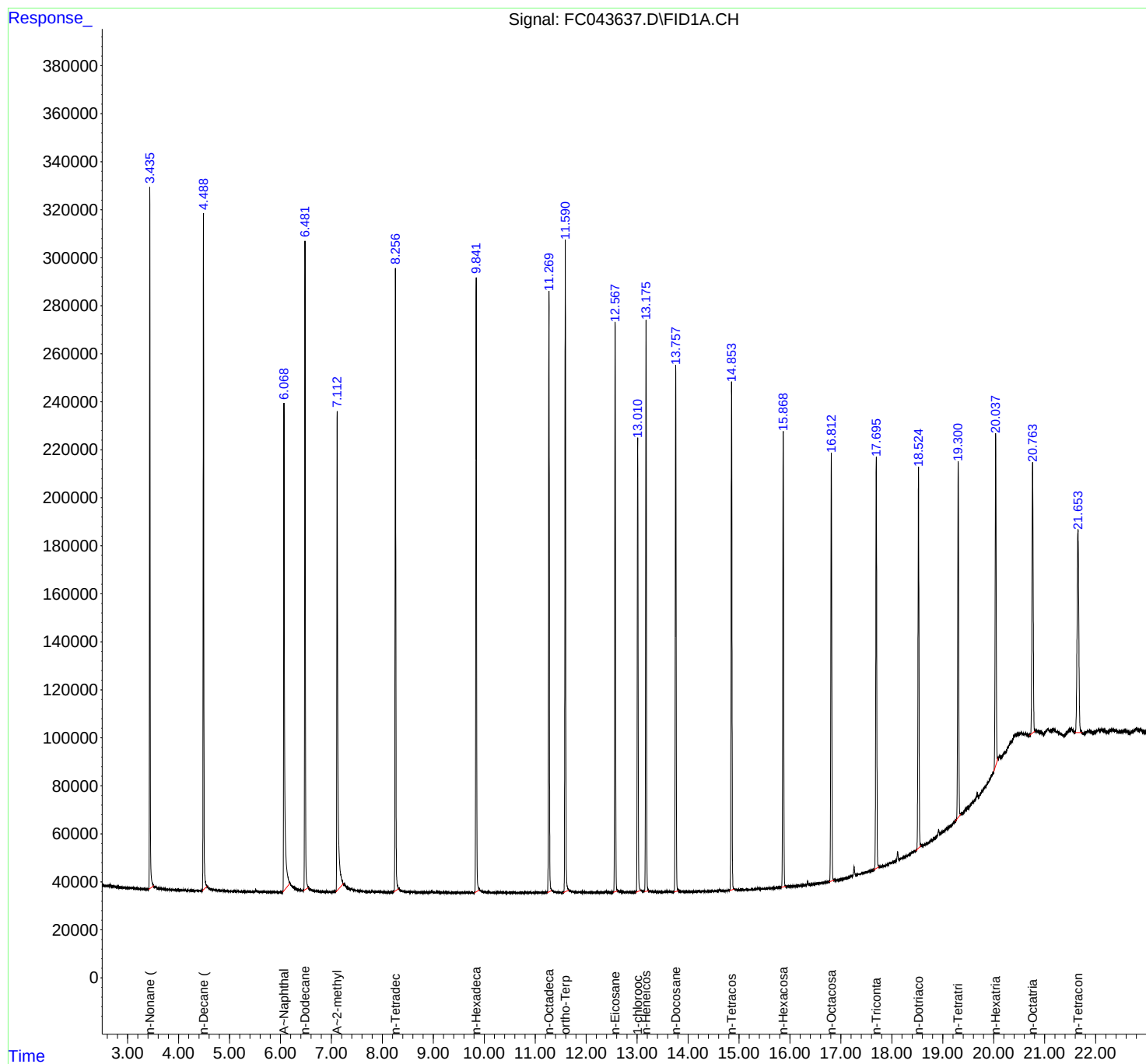
(m)=manual int.

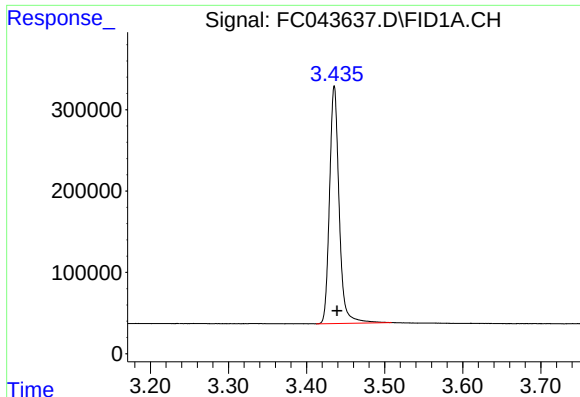
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092619AL\
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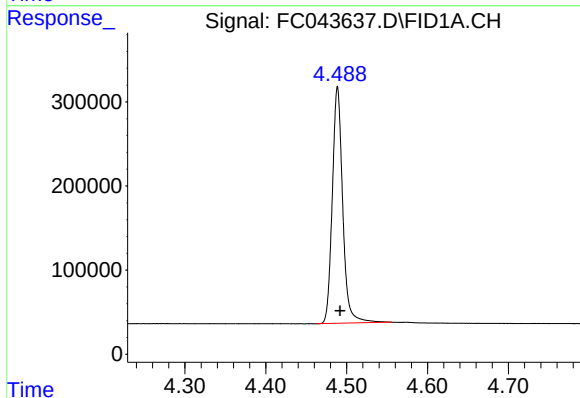




#1 n-Nonane (C9)

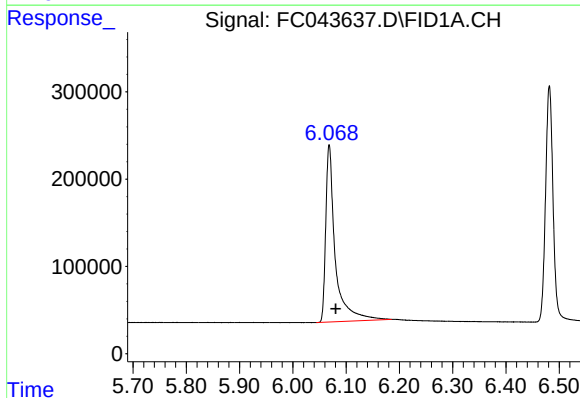
R.T.: 3.436 min
Delta R.T.: -0.003 min
Response: 2499439
Conc: 20.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



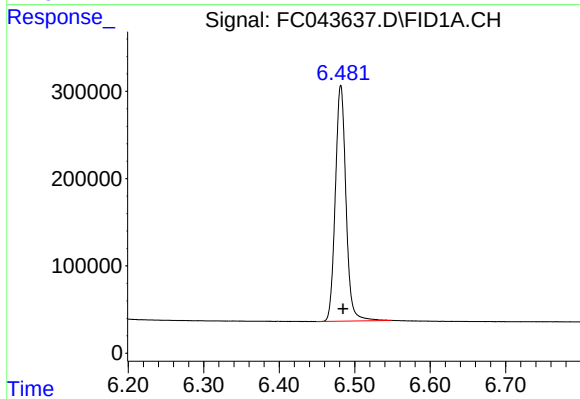
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 2518135
Conc: 20.80 ug/ml



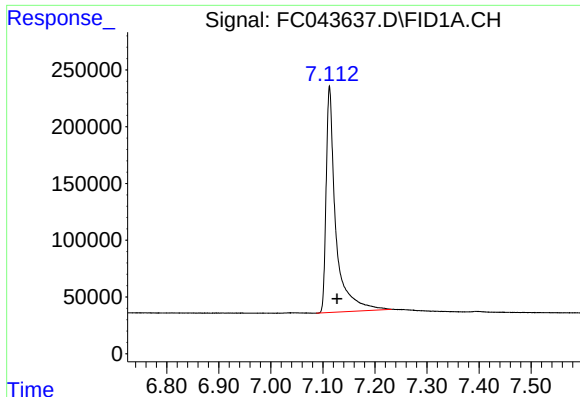
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.012 min
Response: 2529257
Conc: 21.48 ug/ml



#4 n-Dodecane (C12)

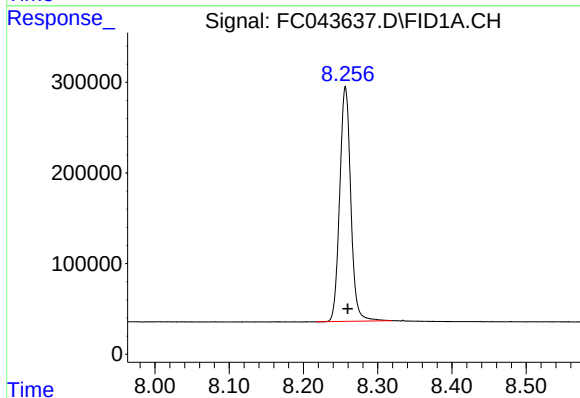
R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 2645392
Conc: 20.92 ug/ml



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

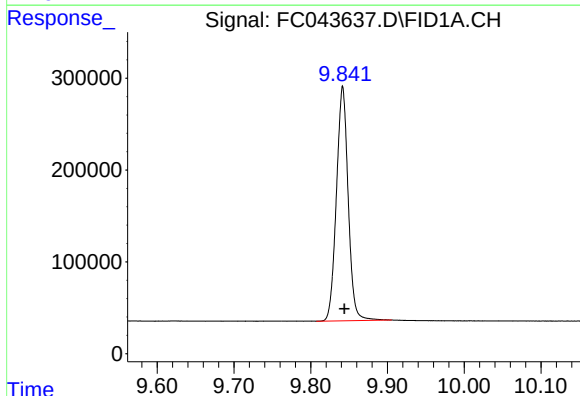
R.T.: 7.113 min
Delta R.T.: -0.014 min
Response: 2570614
Conc: 21.33 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



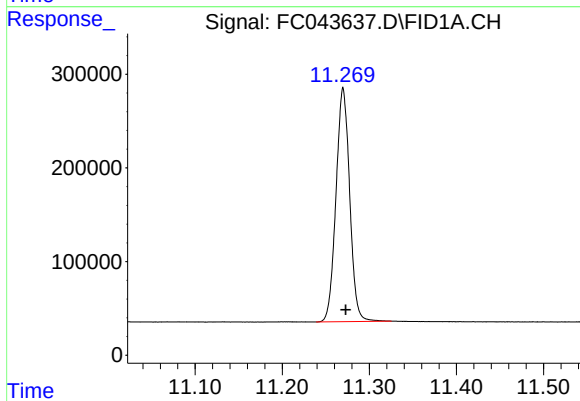
#6 n-Tetradecane (C14)

R.T.: 8.257 min
Delta R.T.: -0.003 min
Response: 2681572
Conc: 20.83 ug/ml



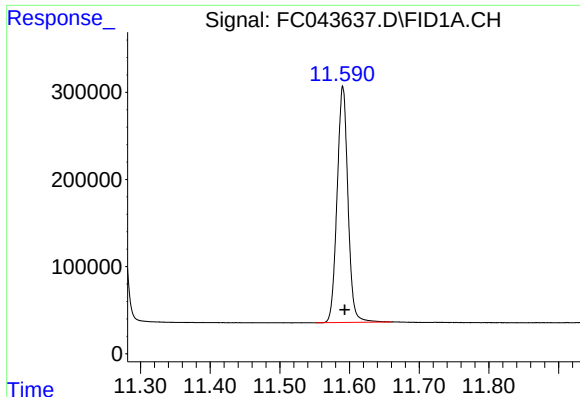
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: -0.002 min
Response: 2713710
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

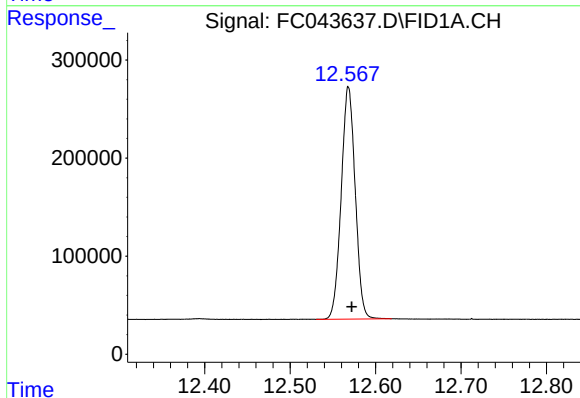
R.T.: 11.270 min
Delta R.T.: -0.003 min
Response: 2724836
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

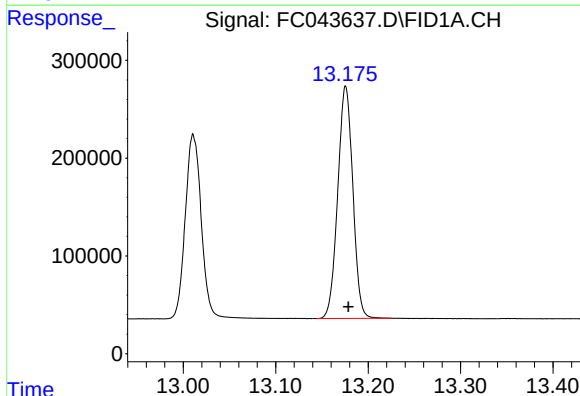
R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 2932455
Conc: 19.32 ug/ml

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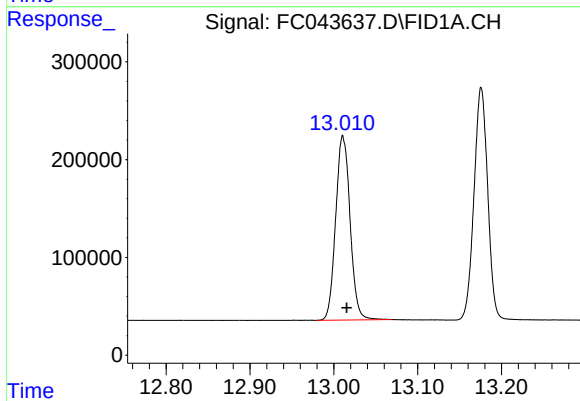
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: -0.004 min
Response: 2698269
Conc: 19.33 ug/ml



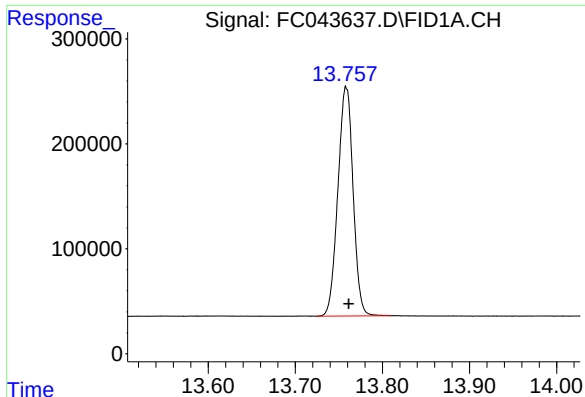
#11 n-Heneicosane (C21)

R.T.: 13.176 min
Delta R.T.: -0.003 min
Response: 2698011
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

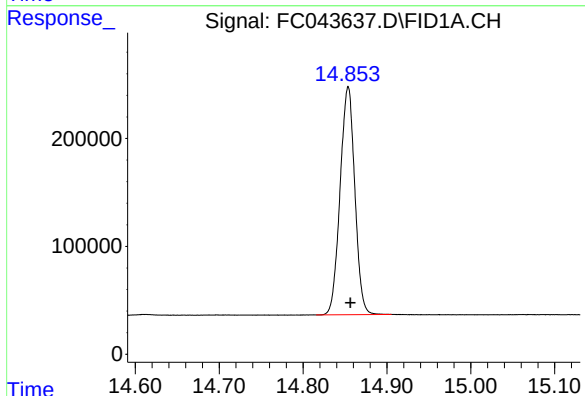
R.T.: 13.011 min
Delta R.T.: -0.005 min
Response: 2253648
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

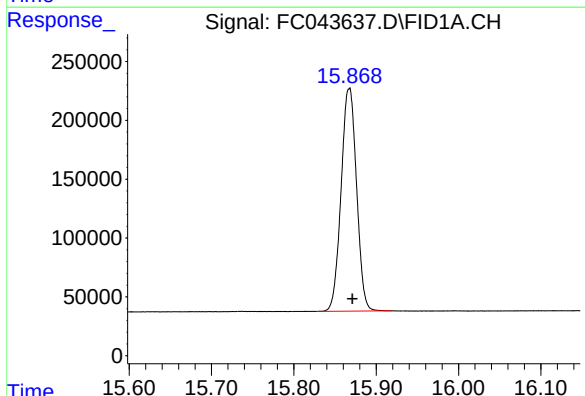
R.T.: 13.758 min
Delta R.T.: -0.003 min
Response: 2650674
Conc: 18.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



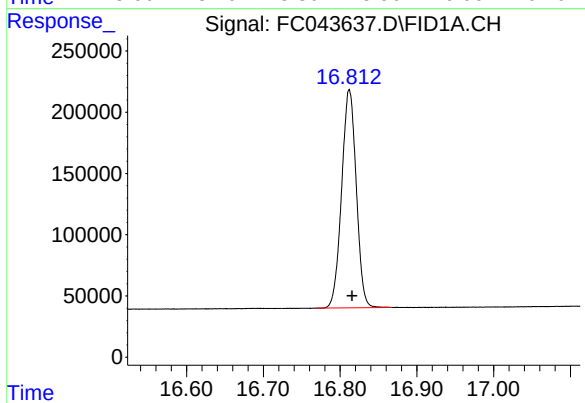
#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.003 min
Response: 2578544
Conc: 17.96 ug/ml



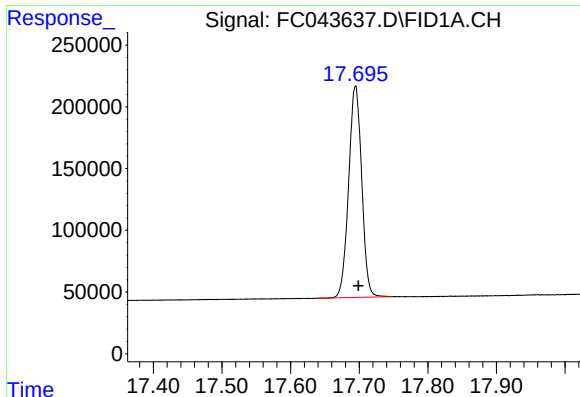
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: -0.004 min
Response: 2466576
Conc: 17.25 ug/ml



#16 n-Octacosane (C28)

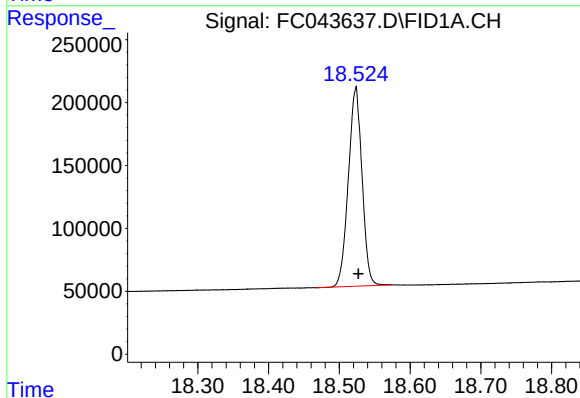
R.T.: 16.812 min
Delta R.T.: -0.004 min
Response: 2357000
Conc: 16.63 ug/ml



#17 n-Tricontane (C30)

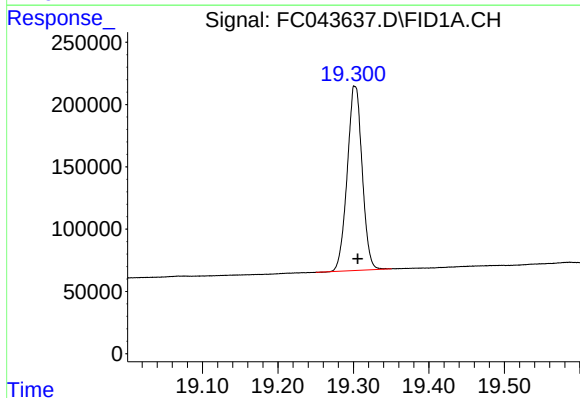
R.T.: 17.695 min
Delta R.T.: -0.004 min
Response: 2265282
Conc: 16.15 ug/ml

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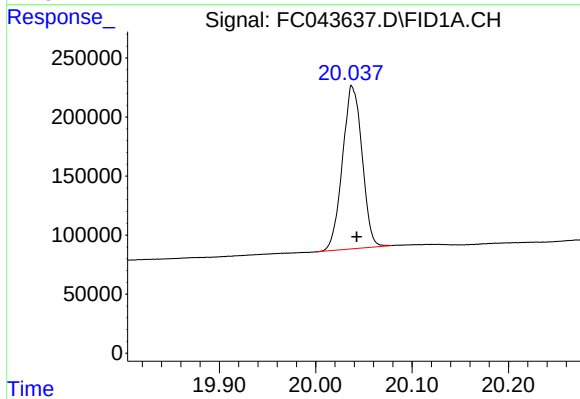
#18 n-Dotriacontane (C32)

R.T.: 18.523 min
Delta R.T.: -0.004 min
Response: 2122707
Conc: 15.98 ug/ml



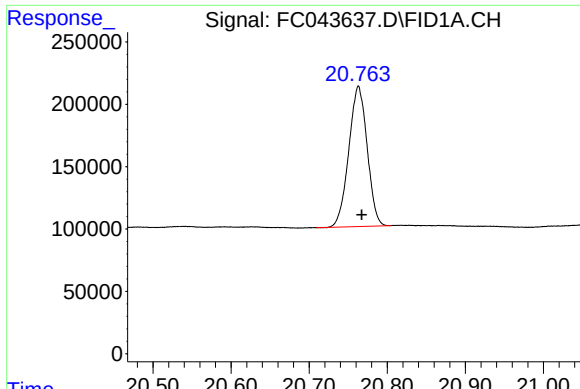
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min
Delta R.T.: -0.004 min
Response: 2031680
Conc: 16.26 ug/ml



#20 n-Hexatriacontane (C36)

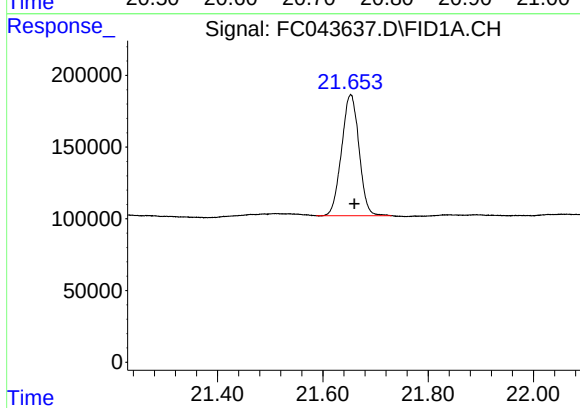
R.T.: 20.038 min
Delta R.T.: -0.005 min
Response: 1943184
Conc: 16.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: -0.004 min
Response: 1837620
Conc: 17.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: -0.007 min
Response: 1938211
Conc: 18.54 ug/ml