

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072320AL\
 Data File : FC048637.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jul 2020 2:00
 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: Jul 24 02:50:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.679	2750272	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	13.111	2225843	19.752 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T n-Nonane (C9)	3.415	2590351	21.730 ug/ml
2) T n-Decane (C10)	4.489	2644815	21.973 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2955625	21.963 ug/ml
4) T n-Dodecane (C12)	6.513	2691675	22.001 ug/ml
5) T A~2-methylnaphthalene...	7.144	3011918	21.852 ug/ml
6) T n-Tetradecane (C14)	8.311	2680704	21.761 ug/ml
7) T n-Hexadecane (C16)	9.914	2626619	21.457 ug/ml
8) T n-Octadecane (C18)	11.356	2680627	20.945 ug/ml
10) T n-Eicosane (C20)	12.667	2629996	20.335 ug/ml
11) T n-Heneicosane (C21)	13.279	2584725	19.940 ug/ml
13) T n-Docosane (C22)	13.865	2548802	19.631 ug/ml
14) T n-Tetracosane (C24)	14.966	2465418	18.808 ug/ml
15) T n-Hexacosane (C26)	15.987	2365223	18.190 ug/ml
16) T n-Octacosane (C28)	16.935	2310207	17.680 ug/ml
17) T n-Tricontane (C30)	17.821	2237220	17.402 ug/ml
18) T n-Dotriacontane (C32)	18.651	2045540	17.315 ug/ml
19) T n-Tetratriacontane (C34)	19.433	1903139	17.050 ug/ml
20) T n-Hexatriacontane (C36)	20.170	1816527	17.271 ug/ml
21) T n-Octatriacontane (C38)	20.928	1739649	17.721 ug/ml
22) T n-Tetracontane (C40)	21.879	1767608	18.190 ug/ml

(f)=RT Delta > 1/2 Window

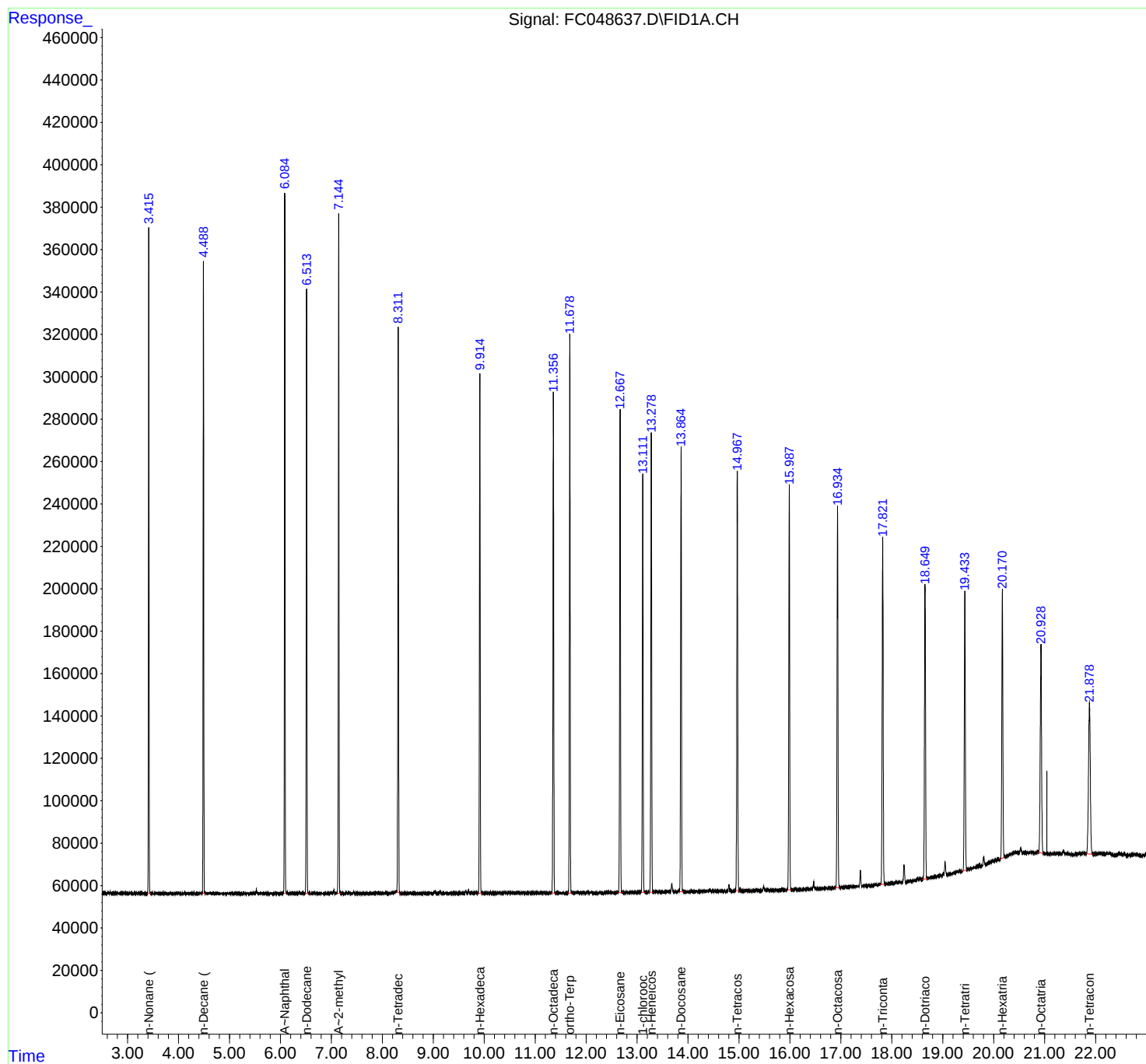
(m)=manual int.

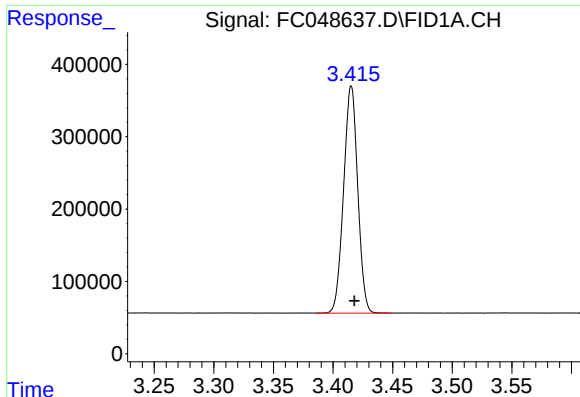
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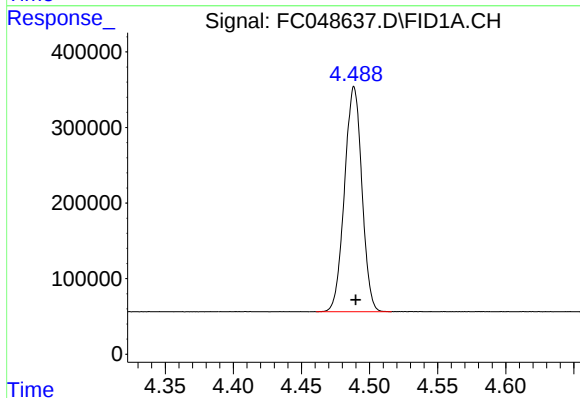




#1 n-Nonane (C9)

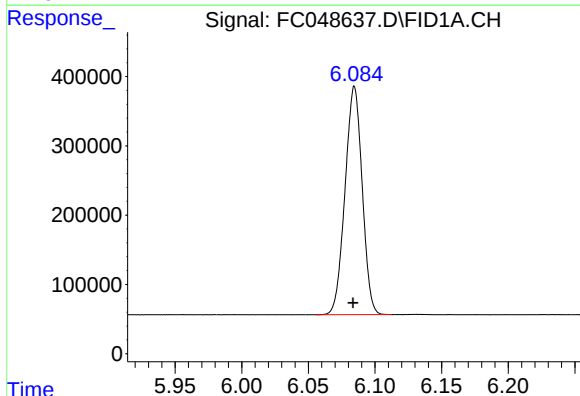
R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2590351
Conc: 21.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



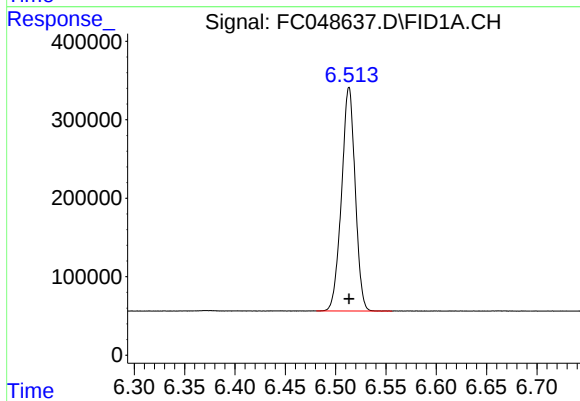
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 2644815
Conc: 21.97 ug/ml



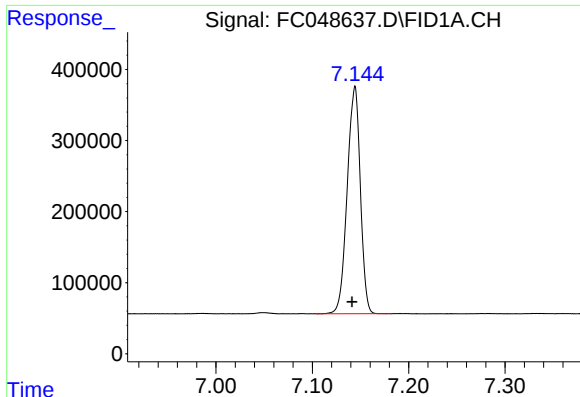
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 2955625
Conc: 21.96 ug/ml



#4 n-Dodecane (C12)

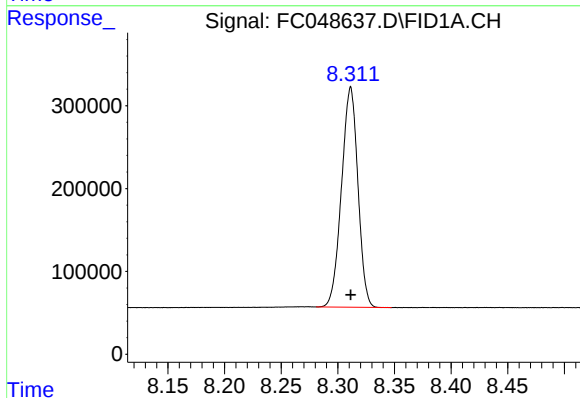
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2691675
Conc: 22.00 ug/ml



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

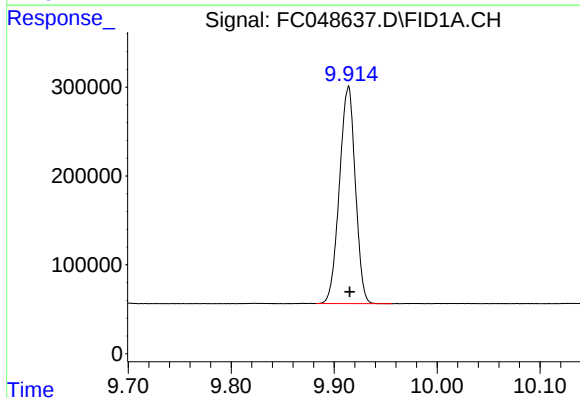
R.T.: 7.144 min
Delta R.T.: 0.003 min
Response: 3011918
Conc: 21.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



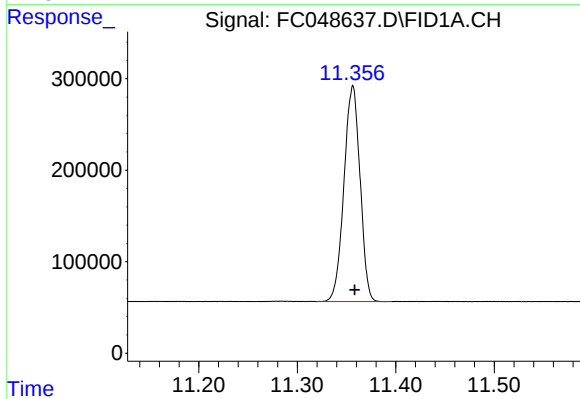
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 2680704
Conc: 21.76 ug/ml



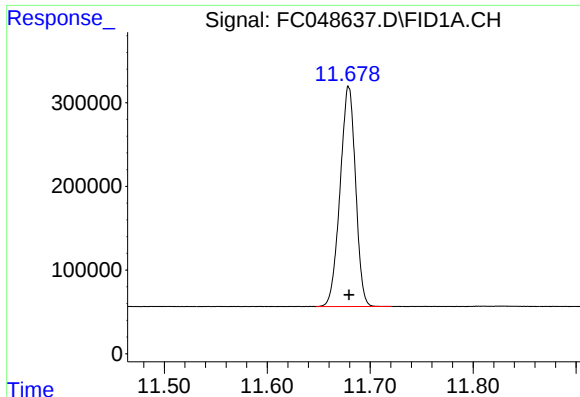
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.001 min
Response: 2626619
Conc: 21.46 ug/ml



#8 n-Octadecane (C18)

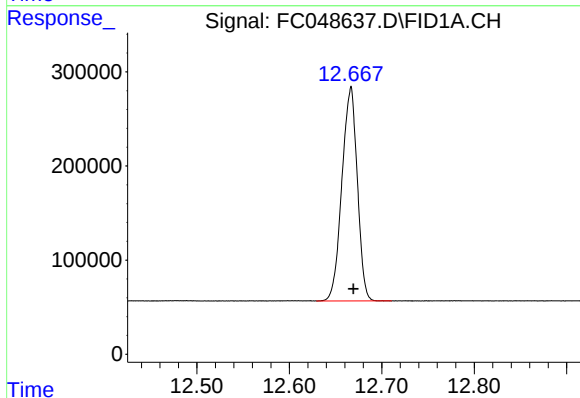
R.T.: 11.356 min
Delta R.T.: -0.002 min
Response: 2680627
Conc: 20.95 ug/ml



#9 ortho-Terphenyl (SURR)

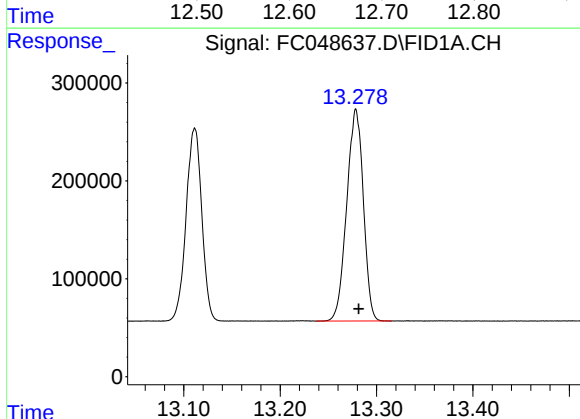
R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2750272
Conc: 20.04 ug/ml

Instrument :
FID_C
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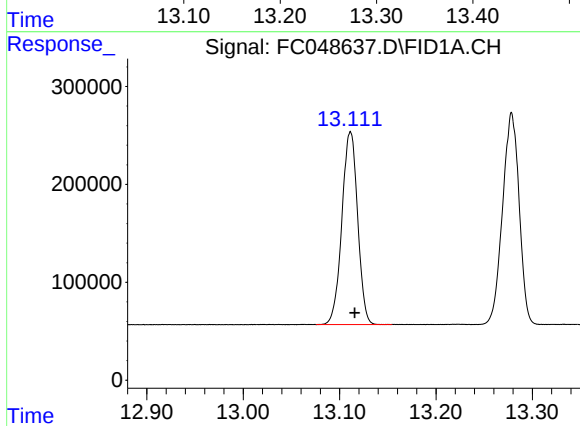
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2629996
Conc: 20.33 ug/ml



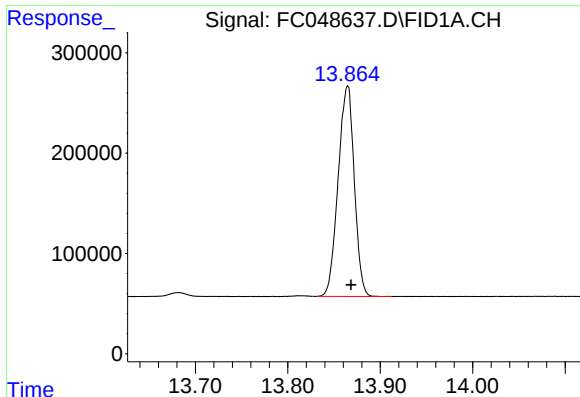
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2584725
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

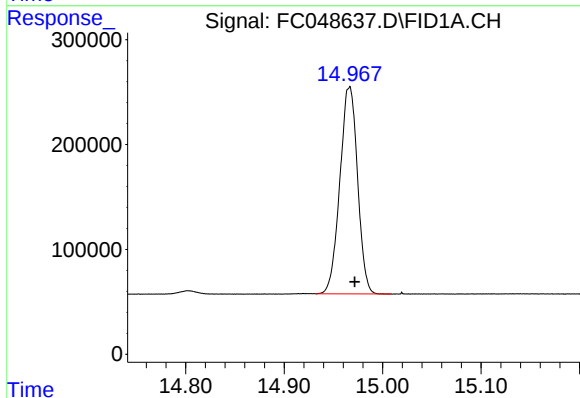
R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 2225843
Conc: 19.75 ug/ml



#13 n-Docosane (C22)

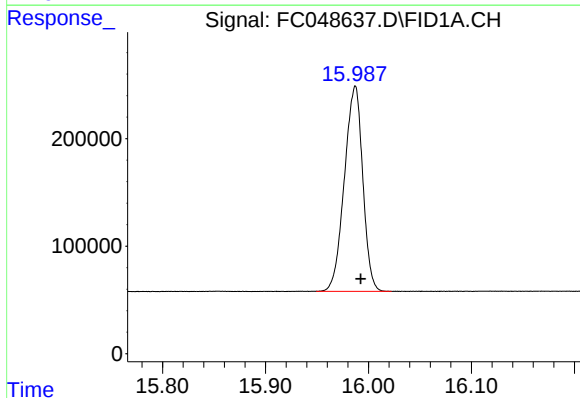
R.T.: 13.865 min
Delta R.T.: -0.004 min
Response: 2548802
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



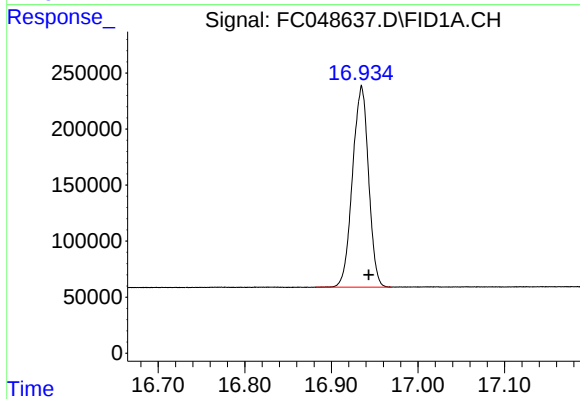
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.006 min
Response: 2465418
Conc: 18.81 ug/ml



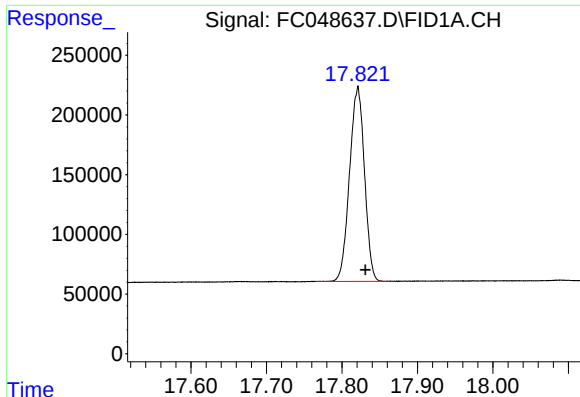
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.005 min
Response: 2365223
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

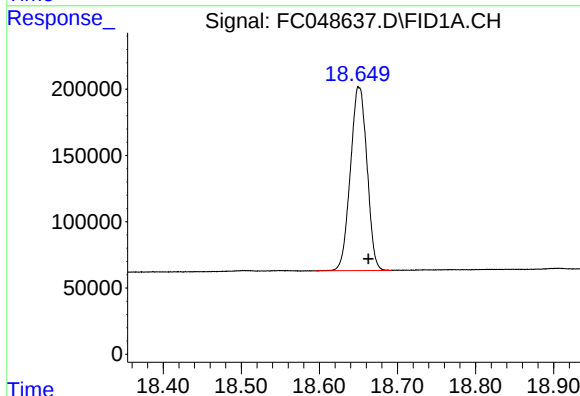
R.T.: 16.935 min
Delta R.T.: -0.008 min
Response: 2310207
Conc: 17.68 ug/ml



#17 n-Tricontane (C30)

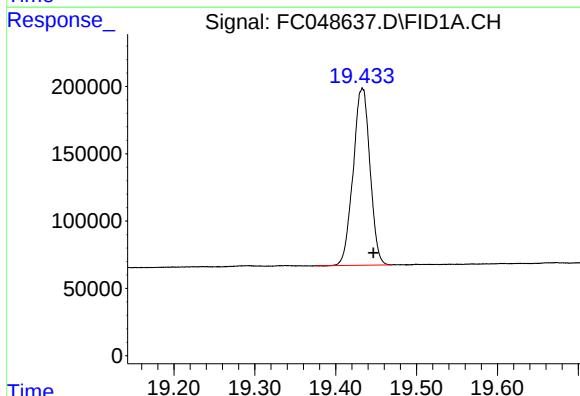
R.T.: 17.821 min
Delta R.T.: -0.010 min
Response: 2237220
Conc: 17.40 ug/ml

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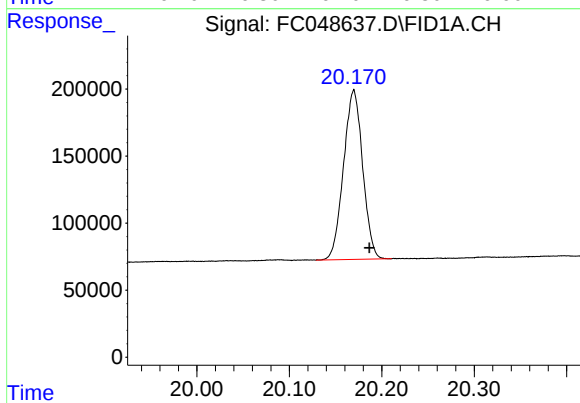
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.012 min
Response: 2045540
Conc: 17.31 ug/ml



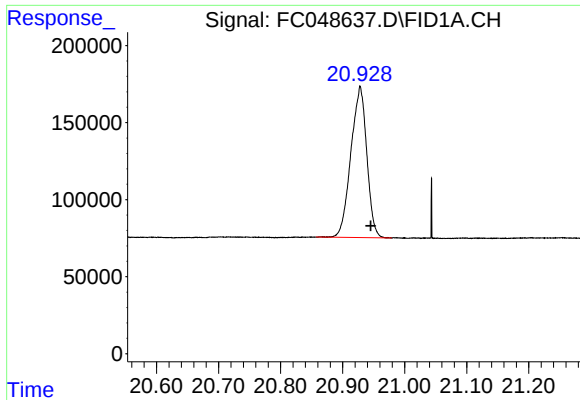
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: -0.014 min
Response: 1903139
Conc: 17.05 ug/ml



#20 n-Hexatriacontane (C36)

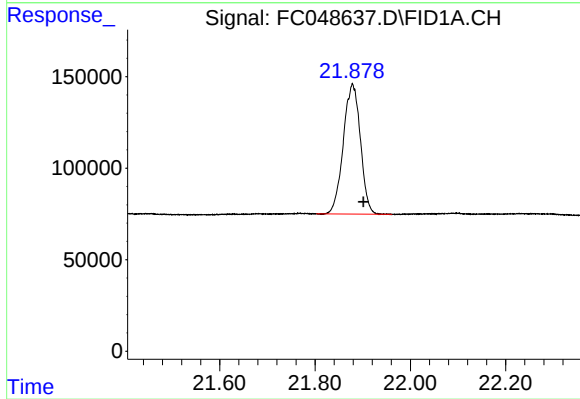
R.T.: 20.170 min
Delta R.T.: -0.017 min
Response: 1816527
Conc: 17.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: -0.017 min
Response: 1739649
Conc: 17.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: -0.023 min
Response: 1767608
Conc: 18.19 ug/ml