

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072320AL\
 Data File : FC048617.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jul 2020 10:00
 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 02:07:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.683	2580266	18.800 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
12) S 1-chlorooctadecane (S...	13.113	2064029	18.316 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T n-Nonane (C9)	3.415	2426997	20.360 ug/ml
2) T n-Decane (C10)	4.489	2477283	20.581 ug/ml
3) T A~Naphthalene (C11.7)	6.087	2769653	20.581 ug/ml
4) T n-Dodecane (C12)	6.515	2519796	20.596 ug/ml
5) T A~2-methylnaphthalene...	7.146	2822114	20.475 ug/ml
6) T n-Tetradecane (C14)	8.314	2511283	20.386 ug/ml
7) T n-Hexadecane (C16)	9.917	2454480	20.051 ug/ml
8) T n-Octadecane (C18)	11.359	2504264	19.567 ug/ml
10) T n-Eicosane (C20)	12.669	2432786	18.810 ug/ml
11) T n-Heneicosane (C21)	13.280	2396207	18.486 ug/ml
13) T n-Docosane (C22)	13.866	2363301	18.202 ug/ml
14) T n-Tetracosane (C24)	14.968	2289148	17.463 ug/ml
15) T n-Hexacosane (C26)	15.988	2190115	16.843 ug/ml
16) T n-Octacosane (C28)	16.937	2119344	16.219 ug/ml
17) T n-Tricontane (C30)	17.822	2029950	15.790 ug/ml
18) T n-Dotriacontane (C32)	18.653	1837448	15.553 ug/ml
19) T n-Tetratriacontane (C34)	19.436	1707100	15.294 ug/ml
20) T n-Hexatriacontane (C36)	20.174	1625259	15.453 ug/ml
21) T n-Octatriacontane (C38)	20.930	1574932	16.043 ug/ml
22) T n-Tetracontane (C40)	21.879	1606809	16.535 ug/ml

(f)=RT Delta > 1/2 Window

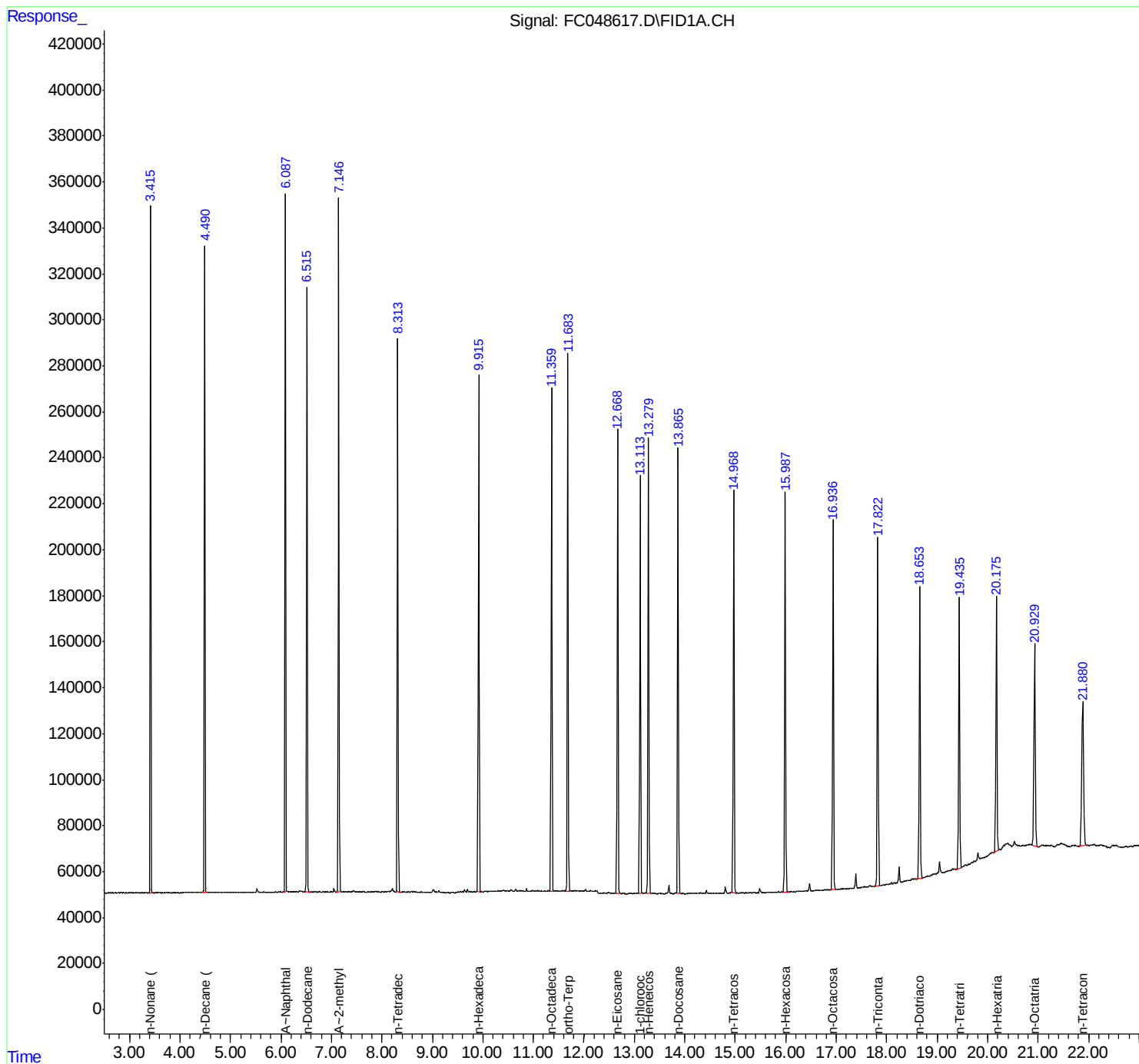
(m)=manual int.

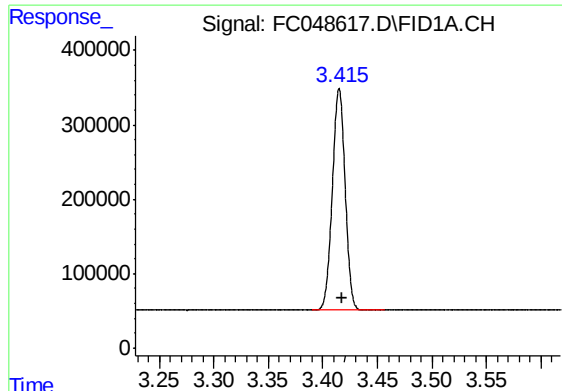
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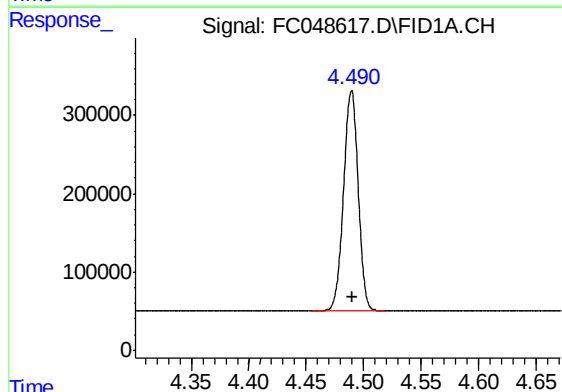




#1 n-Nonane (C9)

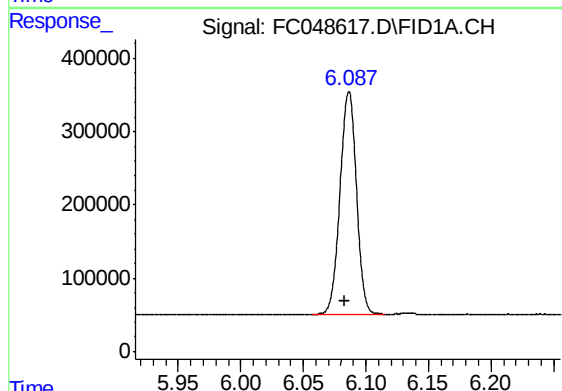
R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2426997
Conc: 20.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



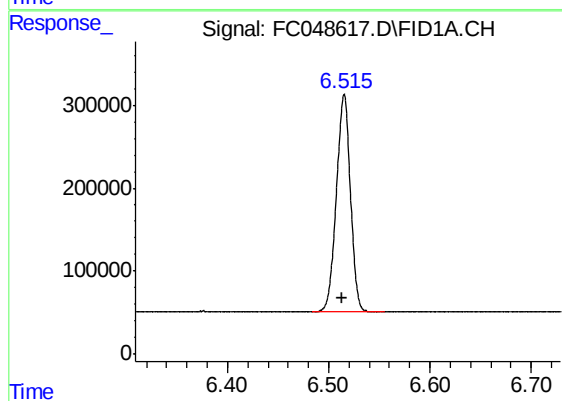
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2477283
Conc: 20.58 ug/ml



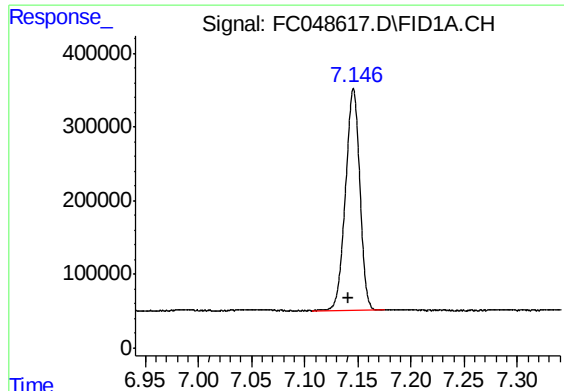
#3 A~Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: 0.003 min
Response: 2769653
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

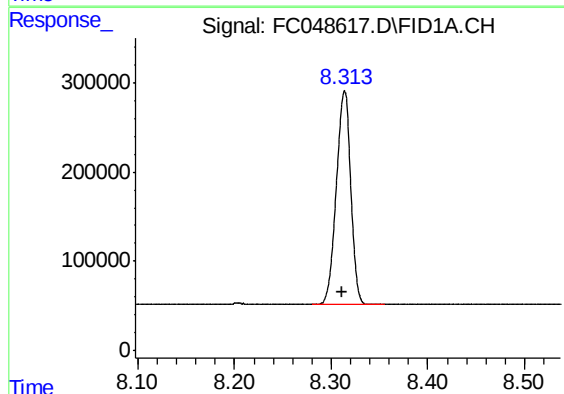
R.T.: 6.515 min
Delta R.T.: 0.002 min
Response: 2519796
Conc: 20.60 ug/ml



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

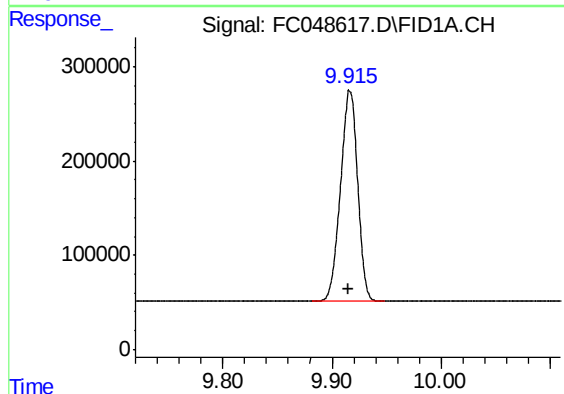
R.T.: 7.146 min
Delta R.T.: 0.005 min
Response: 2822114
Conc: 20.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



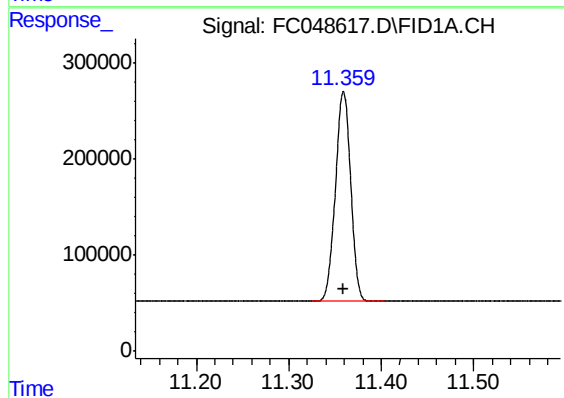
#6 n-Tetradecane (C14)

R.T.: 8.314 min
Delta R.T.: 0.002 min
Response: 2511283
Conc: 20.39 ug/ml



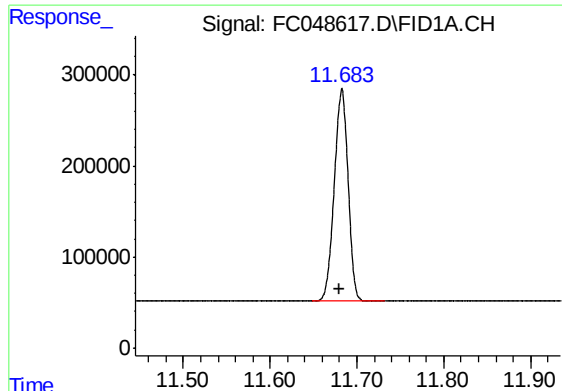
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: 0.001 min
Response: 2454480
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

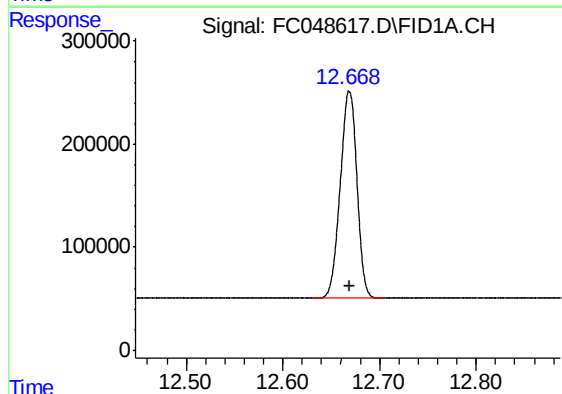
R.T.: 11.359 min
Delta R.T.: 0.000 min
Response: 2504264
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

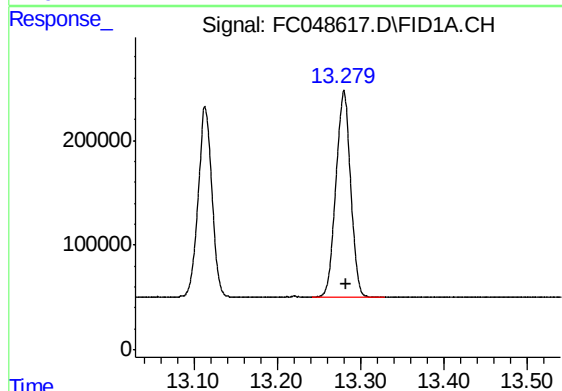
R.T.: 11.683 min
Delta R.T.: 0.003 min
Response: 2580266
Conc: 18.80 ug/ml

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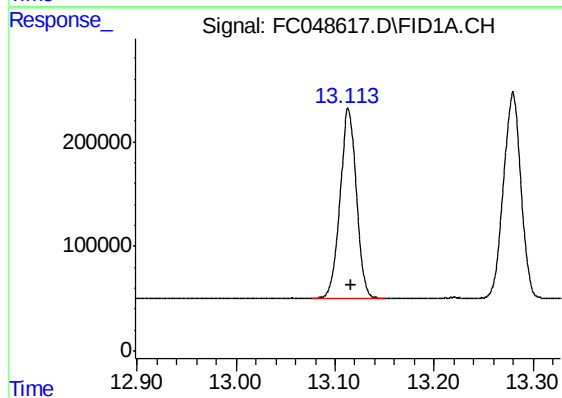
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 2432786
Conc: 18.81 ug/ml



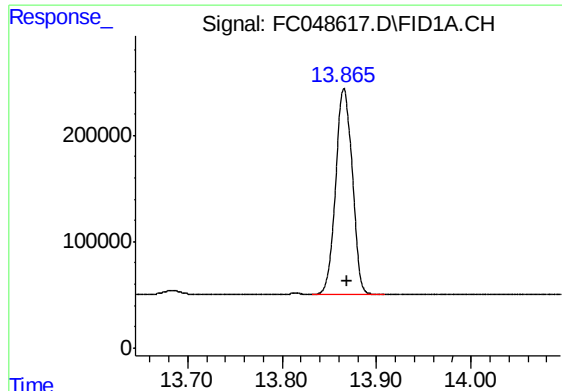
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.002 min
Response: 2396207
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

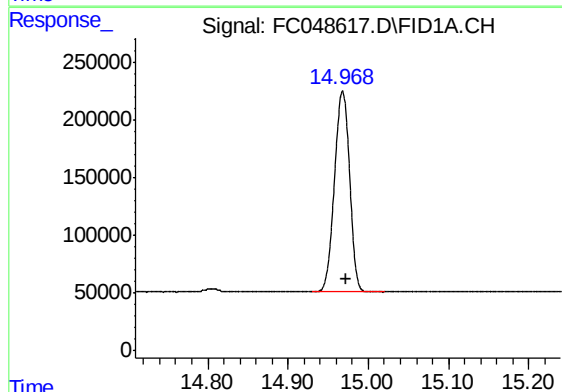
R.T.: 13.113 min
Delta R.T.: -0.002 min
Response: 2064029
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

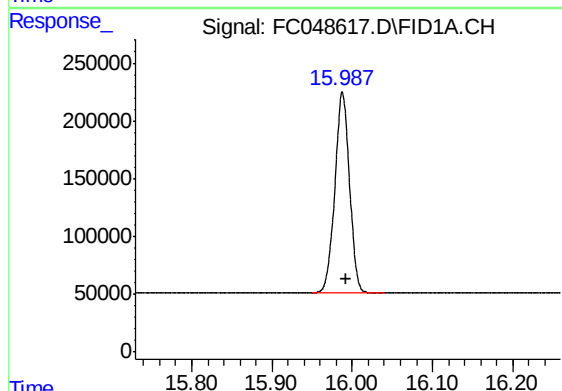
R.T.: 13.866 min
Delta R.T.: -0.003 min
Response: 2363301
Conc: 18.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



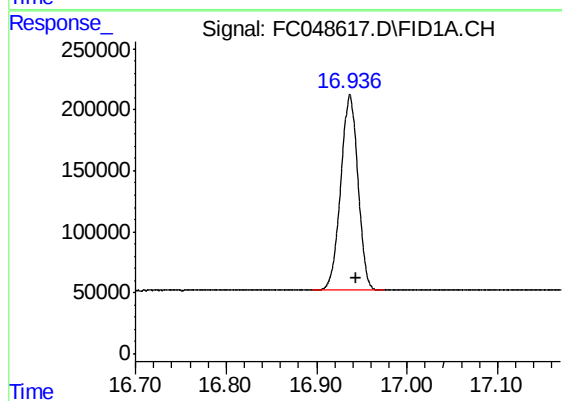
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.004 min
Response: 2289148
Conc: 17.46 ug/ml



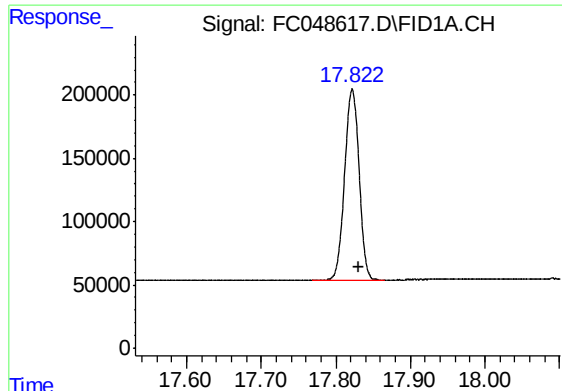
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: -0.005 min
Response: 2190115
Conc: 16.84 ug/ml



#16 n-Octacosane (C28)

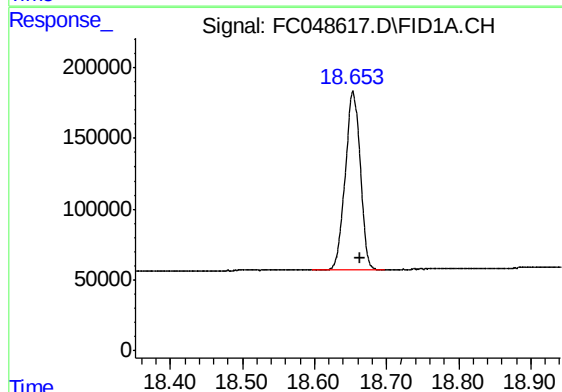
R.T.: 16.937 min
Delta R.T.: -0.006 min
Response: 2119344
Conc: 16.22 ug/ml



#17 n-Tricontane (C30)

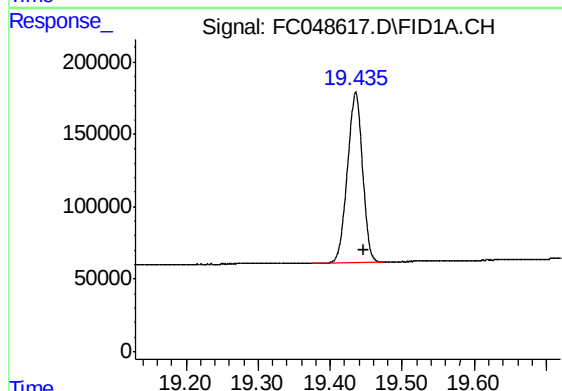
R.T.: 17.822 min
Delta R.T.: -0.009 min
Response: 2029950
Conc: 15.79 ug/ml

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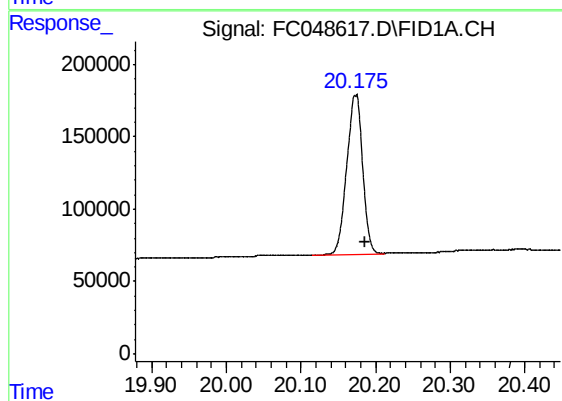
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.009 min
Response: 1837448
Conc: 15.55 ug/ml



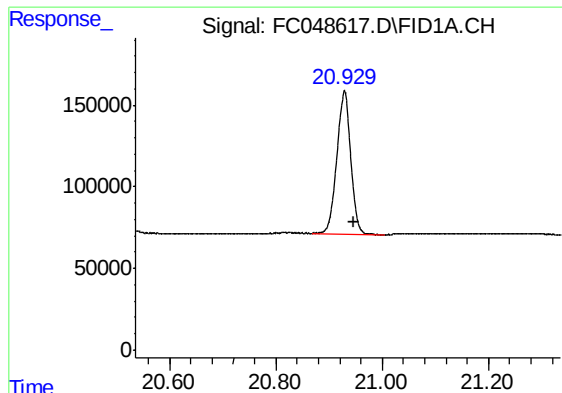
#19 n-Tetatriacontane (C34)

R.T.: 19.436 min
Delta R.T.: -0.011 min
Response: 1707100
Conc: 15.29 ug/ml



#20 n-Hexatriacontane (C36)

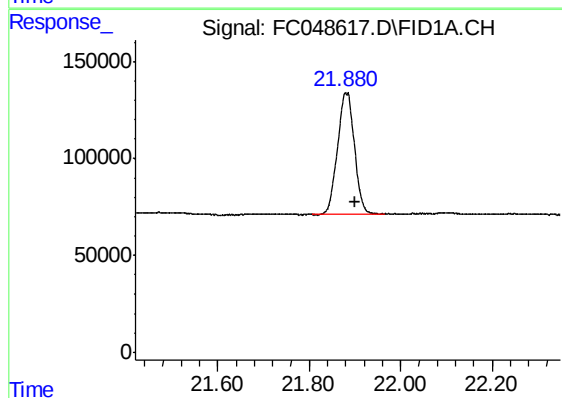
R.T.: 20.174 min
Delta R.T.: -0.013 min
Response: 1625259
Conc: 15.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: -0.016 min
Response: 1574932
Conc: 16.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: -0.022 min
Response: 1606809
Conc: 16.53 ug/ml