

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072320AL\
 Data File : FC048649.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jul 2020 9:16
 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

Manual Integrations
 APPROVED

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 7/24/2020 2:11:48 PM

Integration File: autoint1.e
 Quant Time: Jul 24 10:10:39 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)	11.681	2735820	19.933 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.114	2216680	19.671 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T n-Nonane (C9)	3.415	2580693	21.649 ug/ml
2) T n-Decane (C10)	4.489	2639671	21.930 ug/ml
3) T A~Naphthalene (C11.7)	6.086	2943734	21.875 ug/ml
4) T n-Dodecane (C12)	6.514	2688983	21.979 ug/ml
5) T A~2-methylnaphthalene...	7.145	3001062	21.773 ug/ml
6) T n-Tetradecane (C14)	8.312	2702999	21.942 ug/ml
7) T n-Hexadecane (C16)	9.915	2614443	21.357 ug/ml
8) T n-Octadecane (C18)	11.357	2668057	20.847 ug/ml
10) T n-Eicosane (C20)	12.668	2618454	20.245 ug/ml
11) T n-Heneicosane (C21)	13.280	2577349	19.883 ug/ml
13) T n-Docosane (C22)	13.865	2540508	19.567 ug/ml
14) T n-Tetracosane (C24)	14.968	2476926	18.896 ug/ml
15) T n-Hexacosane (C26)	15.987	2367466	18.207 ug/ml
16) T n-Octacosane (C28)	16.937	2314008	17.709 ug/ml
17) T n-Tricontane (C30)	17.821	2245054	17.463 ug/ml
18) T n-Dotriacontane (C32)	18.653	2055834	17.402 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1919366	17.195 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1848551	17.576 ug/mlm
21) T n-Octatriacontane (C38)	20.928	1772066	18.051 ug/mlm
22) T n-Tetracontane (C40)	21.879	1824466	18.775 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

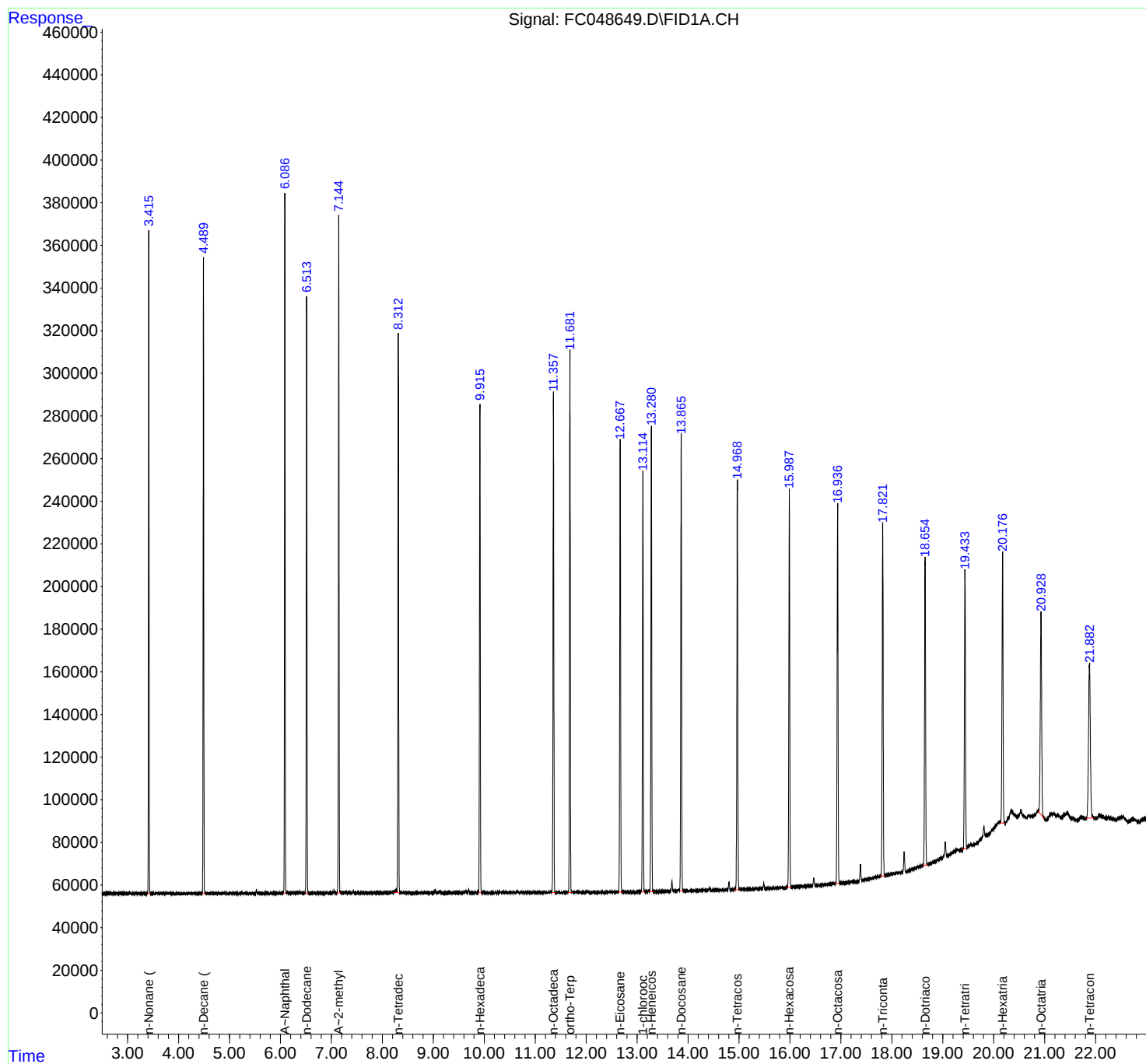
Instrument :
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20 PPM ALIPHATIC HC STD

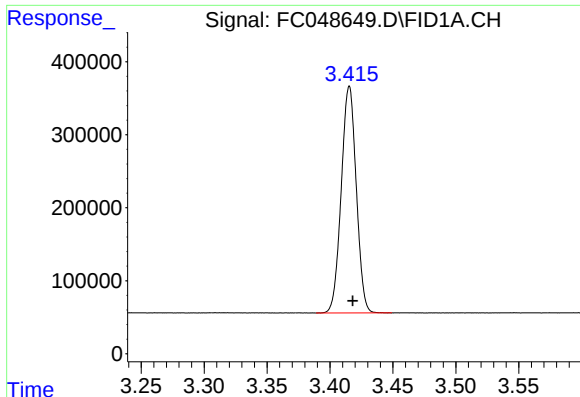
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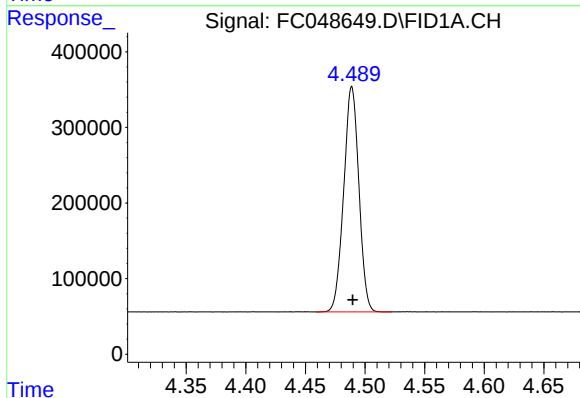
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2580693
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

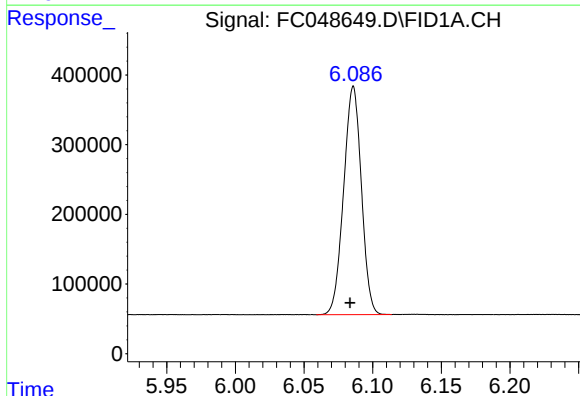
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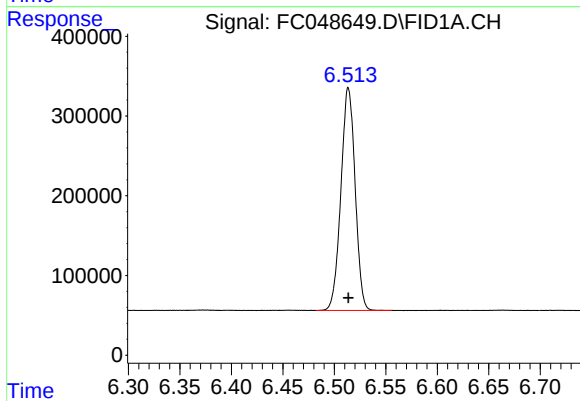
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2639671
Conc: 21.93 ug/ml



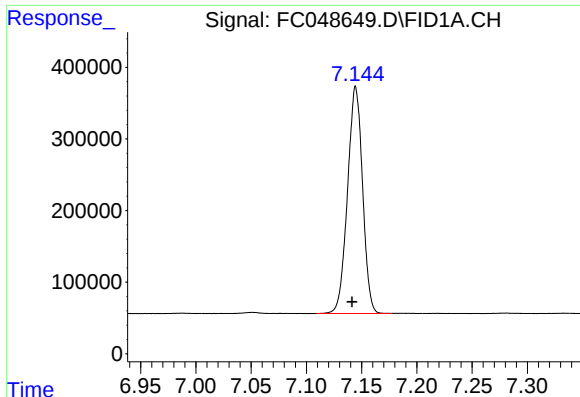
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: 0.002 min
Response: 2943734
Conc: 21.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2688983
Conc: 21.98 ug/ml



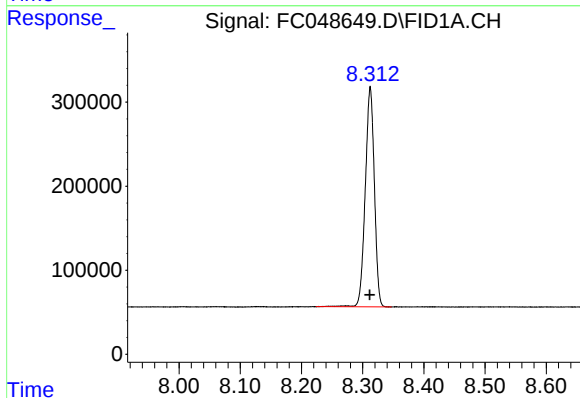
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.003 min
Response: 3001062
Conc: 21.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

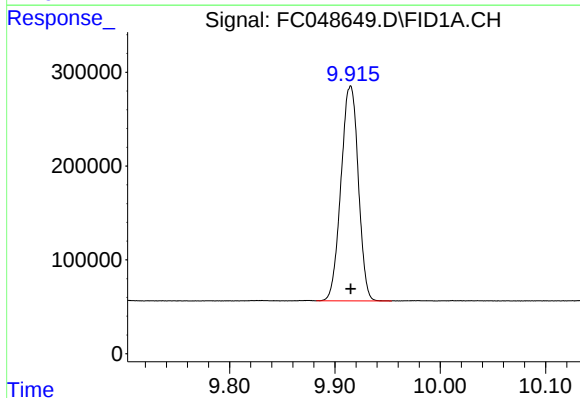
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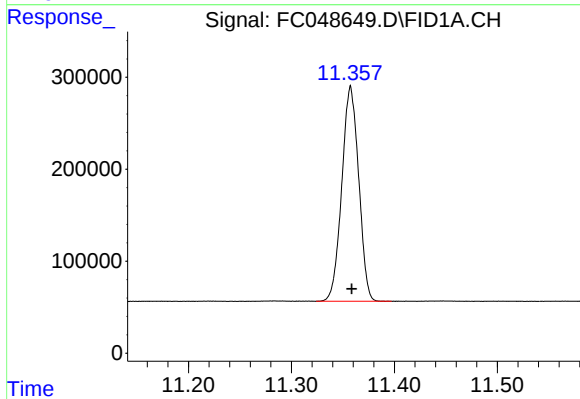
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2702999
Conc: 21.94 ug/ml



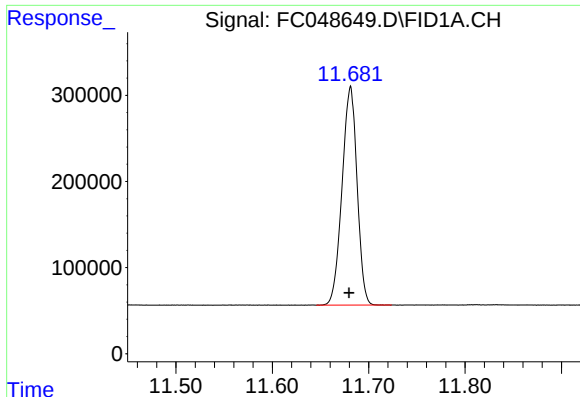
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2614443
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.001 min
Response: 2668057
Conc: 20.85 ug/ml



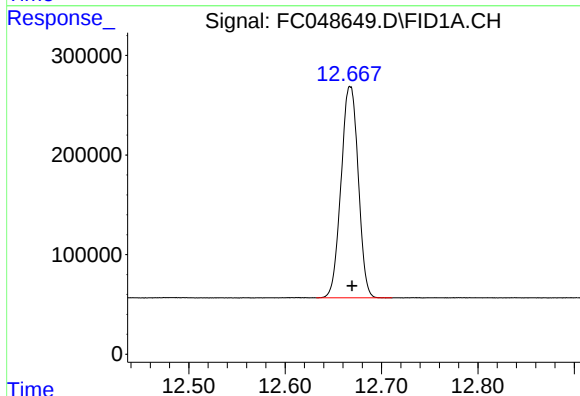
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.002 min
Response: 2735820
Conc: 19.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

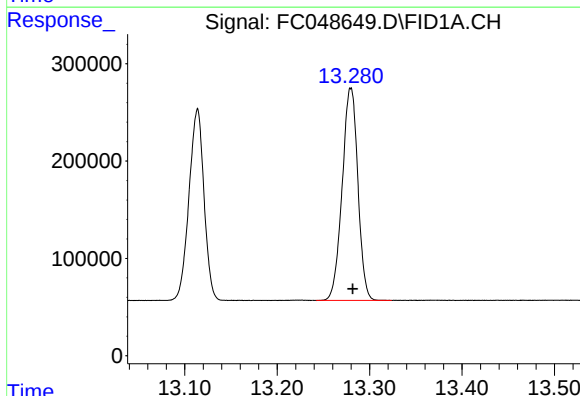
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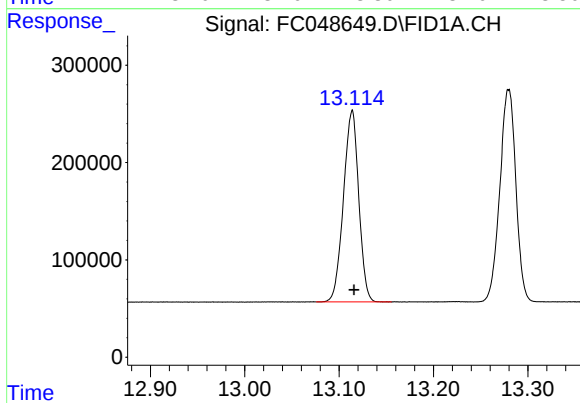
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.002 min
Response: 2618454
Conc: 20.25 ug/ml



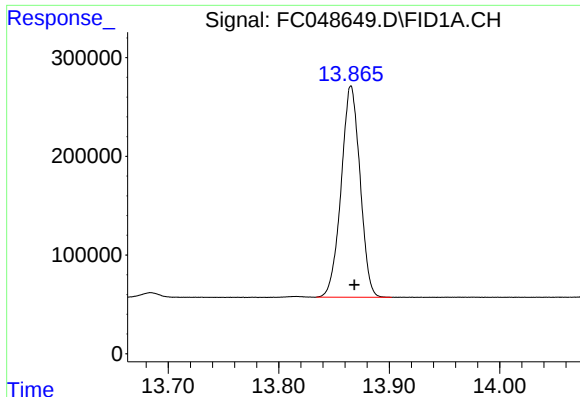
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.002 min
Response: 2577349
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.002 min
Response: 2216680
Conc: 19.67 ug/ml



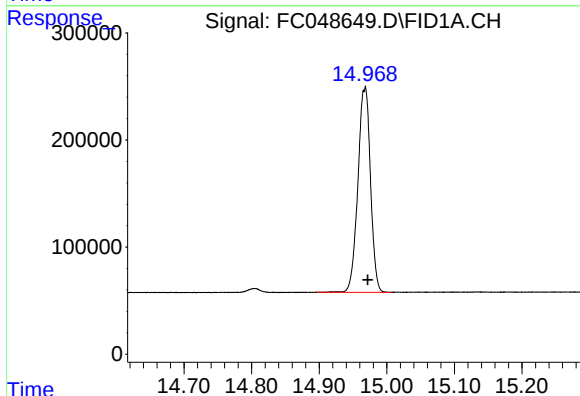
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2540508
Conc: 19.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

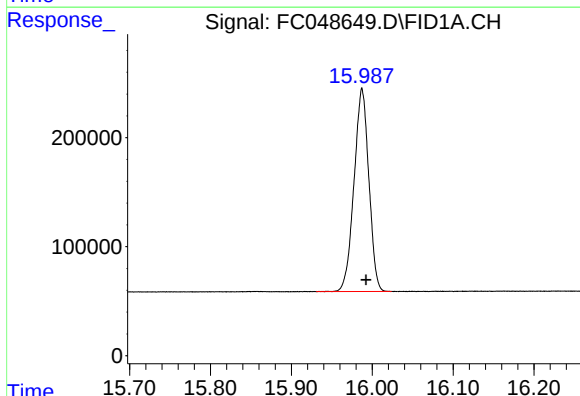
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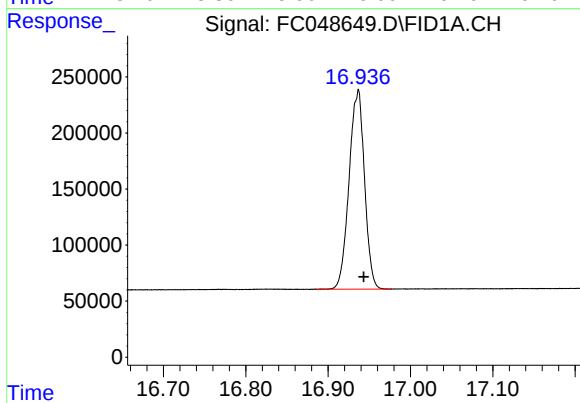
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.004 min
Response: 2476926
Conc: 18.90 ug/ml



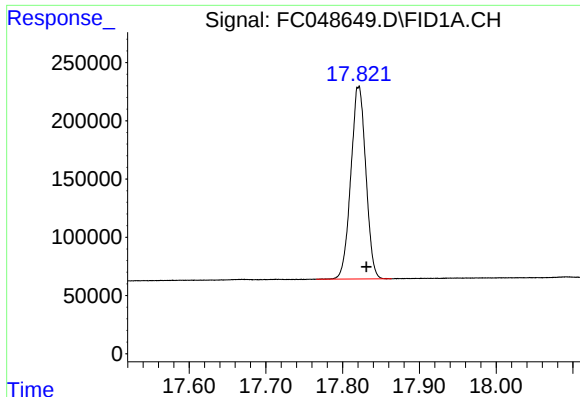
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.005 min
Response: 2367466
Conc: 18.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.937 min
Delta R.T.: -0.007 min
Response: 2314008
Conc: 17.71 ug/ml



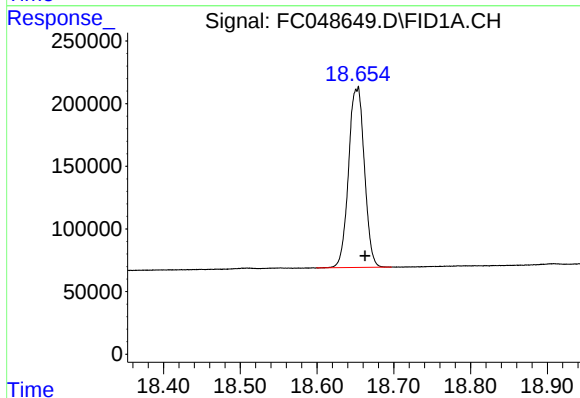
#17 n-Tricontane (C30)

R.T.: 17.821 min
Delta R.T.: -0.010 min
Response: 2245054
Conc: 17.46 ug/ml

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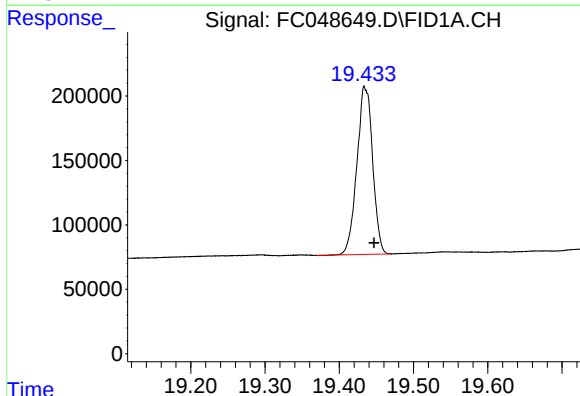
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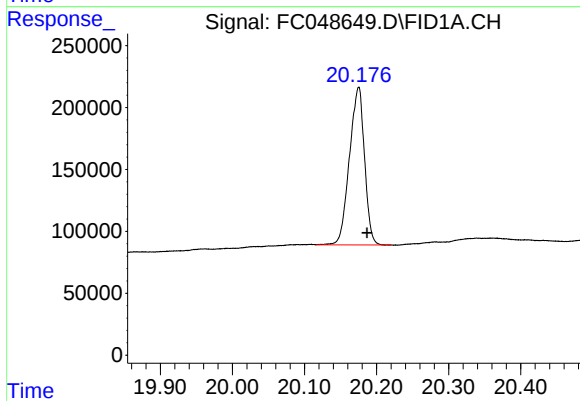
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.010 min
Response: 2055834
Conc: 17.40 ug/ml



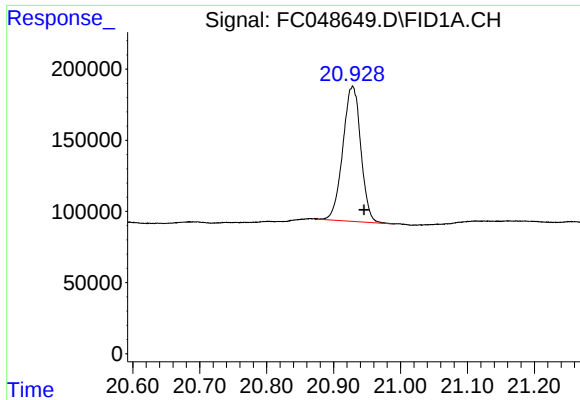
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.013 min
Response: 1919366
Conc: 17.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.011 min
Response: 1848551
Conc: 17.58 ug/ml m



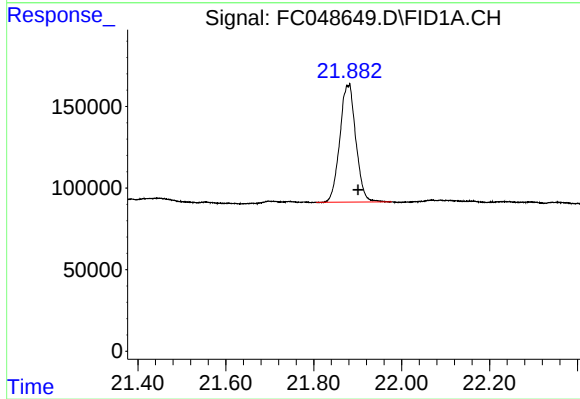
#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: -0.017 min
Response: 1772066
Conc: 18.05 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: -0.022 min
Response: 1824466
Conc: 18.77 ug/ml