

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052521AL\
 Data File : FC053932.D
 Signal(s) : FID1A.CH
 Acq On : 26 May 2021 00:58
 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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 5/26/2021 4:04:59 PM

Integration File: autoint1.e
 Quant Time: May 26 01:42:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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)	11.523	2436083	17.596 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
12) S 1-chlorooctadecane (S...	12.964	1903280	17.065 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
Target Compounds			
1) T n-Nonane (C9)	3.285	2390858	20.242 ug/ml
2) T n-Decane (C10)	4.349	2433781	20.553 ug/ml
3) T A~Naphthalene (C11.7)	5.933	2626774	20.159 ug/ml
4) T n-Dodecane (C12)	6.367	2480080	20.496 ug/ml
5) T A~2-methylnaphthalene...	6.991	2658360	20.107 ug/ml
6) T n-Tetradecane (C14)	8.164	2466840	20.250 ug/ml
7) T n-Hexadecane (C16)	9.765	2409235	19.671 ug/ml
8) T n-Octadecane (C18)	11.209	2438389	18.723 ug/ml
10) T n-Eicosane (C20)	12.519	2360963	17.837 ug/ml
11) T n-Heneicosane (C21)	13.132	2298989	17.310 ug/ml
13) T n-Docosane (C22)	13.719	2264276	17.023 ug/ml
14) T n-Tetracosane (C24)	14.824	2202996	16.504 ug/ml
15) T n-Hexacosane (C26)	15.845	2113962	15.989 ug/ml
16) T n-Octacosane (C28)	16.796	2086446	15.939 ug/ml
17) T n-Tricontane (C30)	17.685	2092495	16.043 ug/mlm
18) T n-Dotriacontane (C32)	18.517	2068969	16.397 ug/mlm
19) T n-Tetratriacontane (C34)	19.303	2039277	16.737 ug/mlm
20) T n-Hexatriacontane (C36)	20.042	1979522	16.931 ug/mlm
21) T n-Octatriacontane (C38)	20.772	1862416	18.104 ug/ml
22) T n-Tetracontane (C40)	21.665	1899536	19.063 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 2 Sample Multiplier: 1

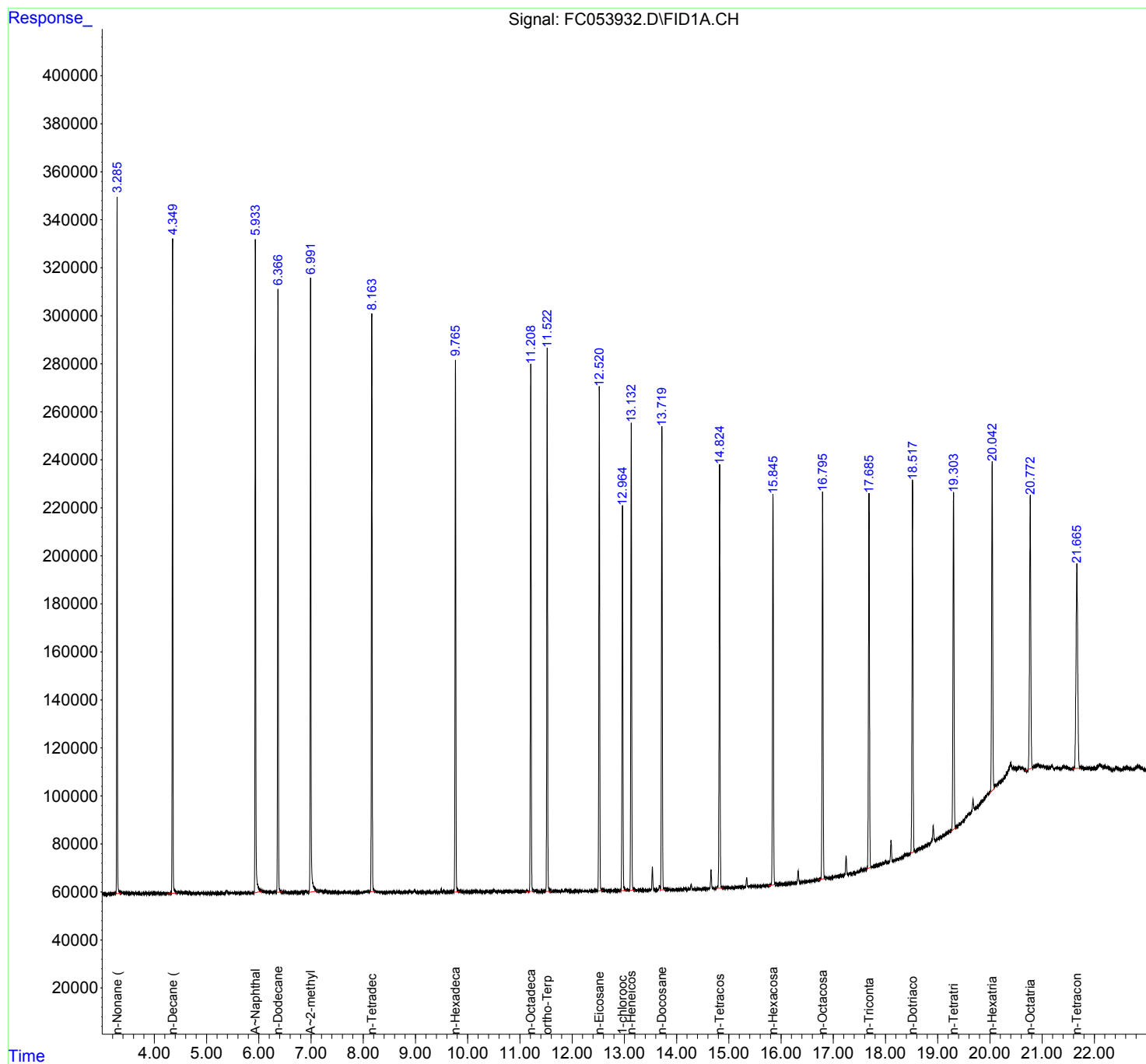
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

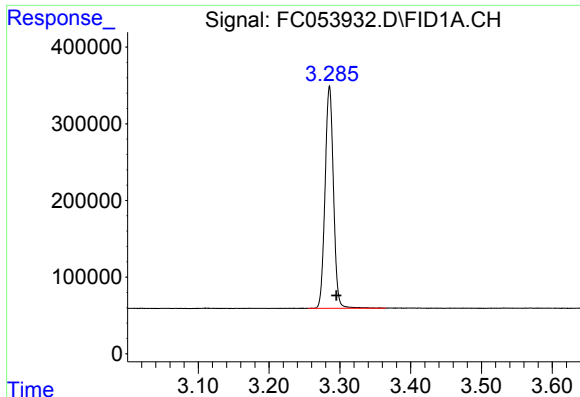
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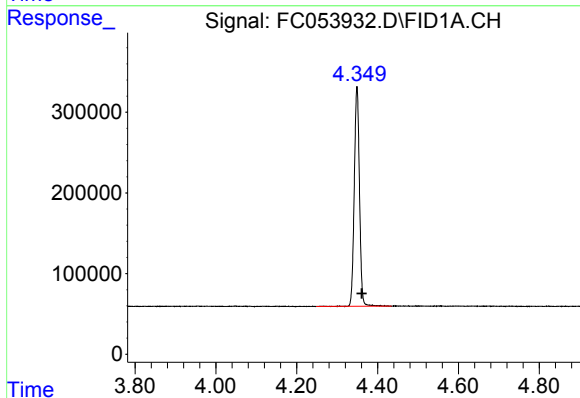
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 2390858
Conc: 20.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

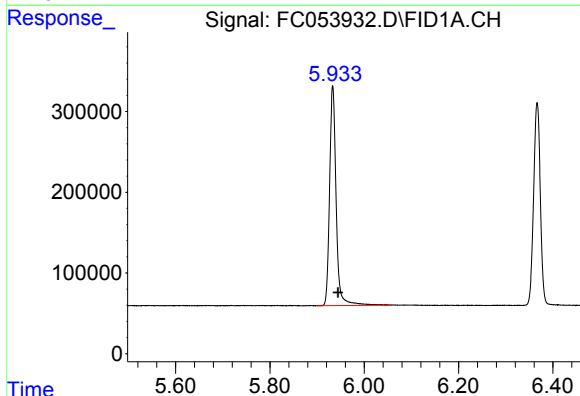
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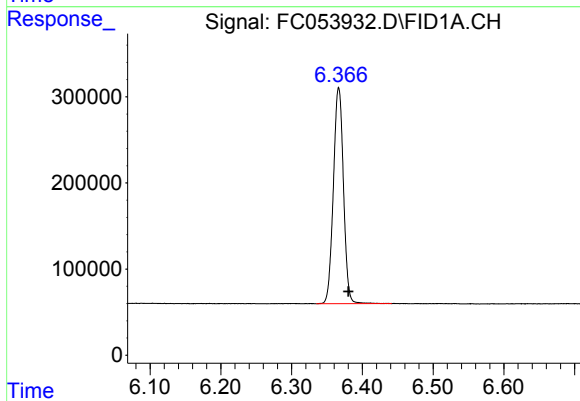
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.012 min
Response: 2433781
Conc: 20.55 ug/ml



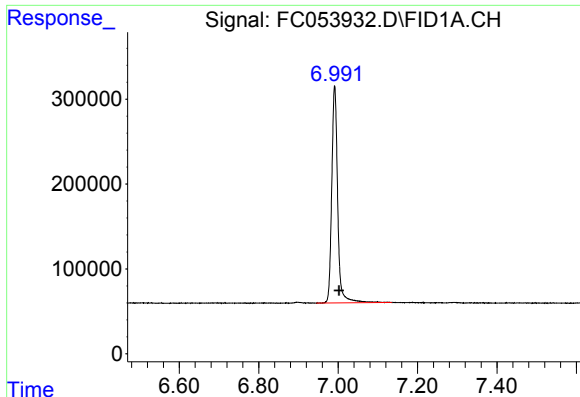
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.011 min
Response: 2626774
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.014 min
Response: 2480080
Conc: 20.50 ug/ml



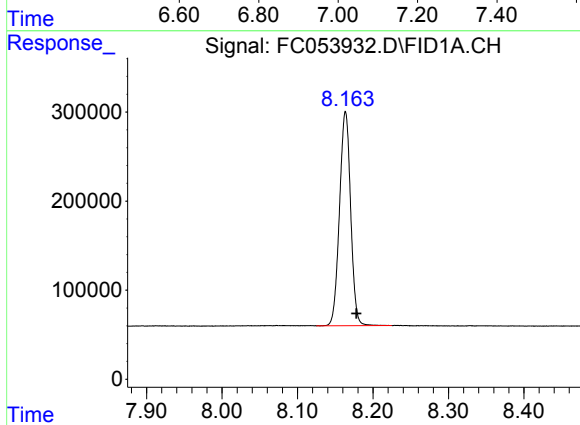
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.011 min
Response: 2658360
Conc: 20.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

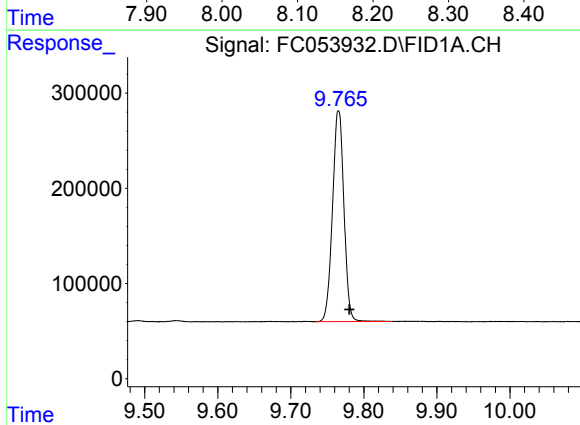
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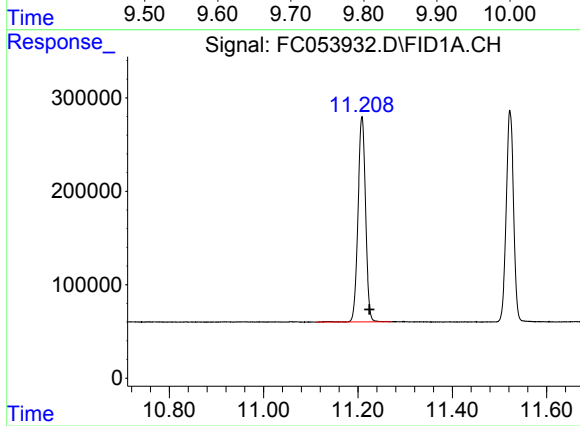
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.014 min
Response: 2466840
Conc: 20.25 ug/ml



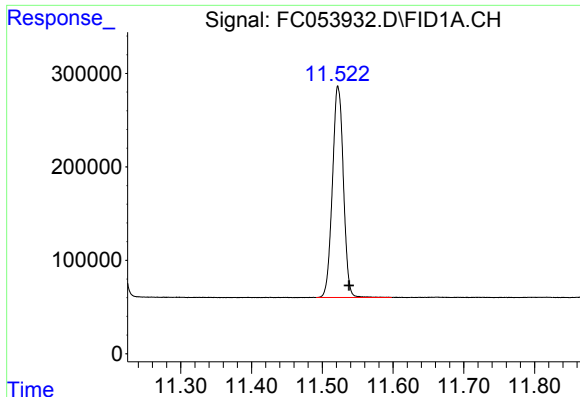
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.015 min
Response: 2409235
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.016 min
Response: 2438389
Conc: 18.72 ug/ml



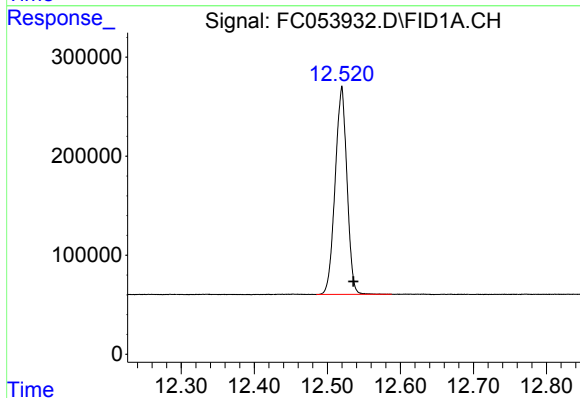
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.016 min
Response: 2436083
Conc: 17.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

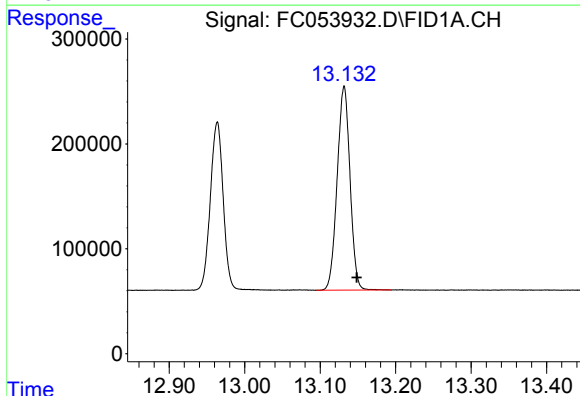
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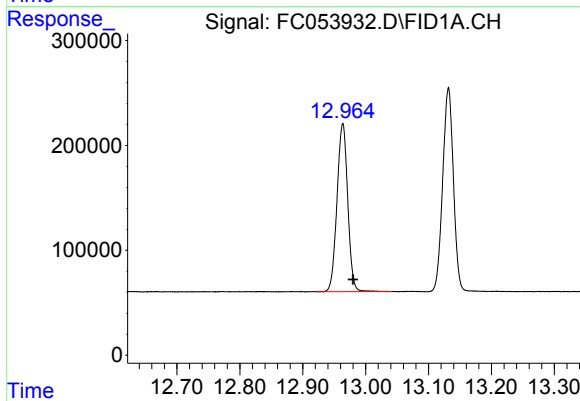
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.016 min
Response: 2360963
Conc: 17.84 ug/ml



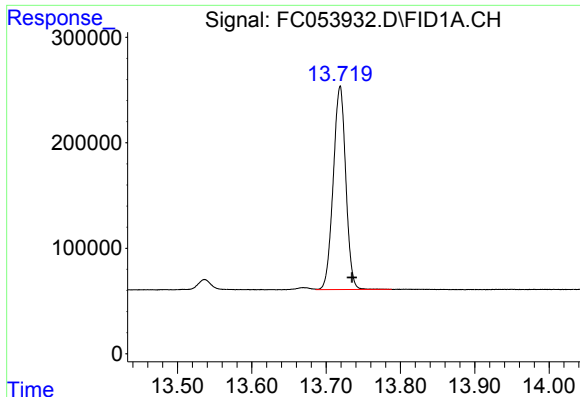
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.017 min
Response: 2298989
Conc: 17.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: -0.017 min
Response: 1903280
Conc: 17.06 ug/ml



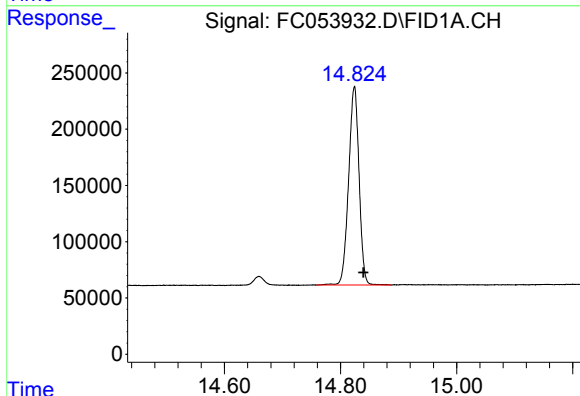
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.016 min
Response: 2264276
Conc: 17.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

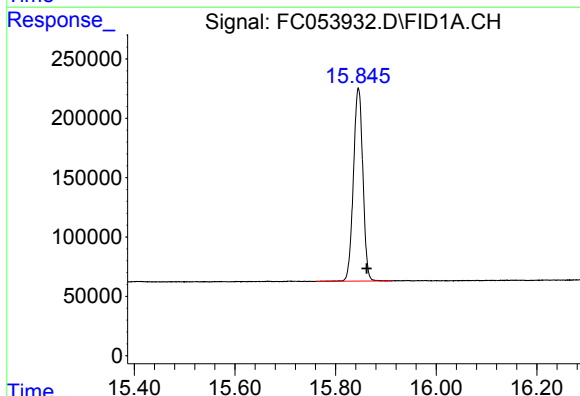
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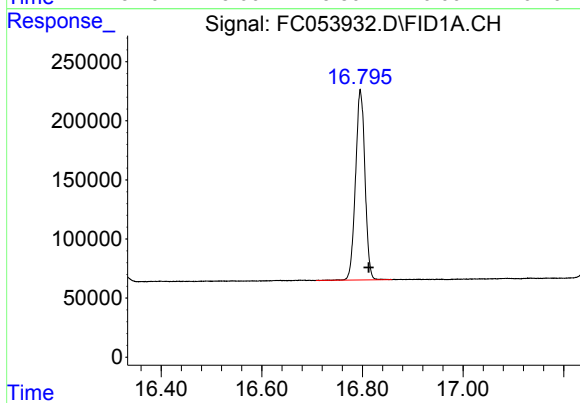
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: -0.016 min
Response: 2202996
Conc: 16.50 ug/ml



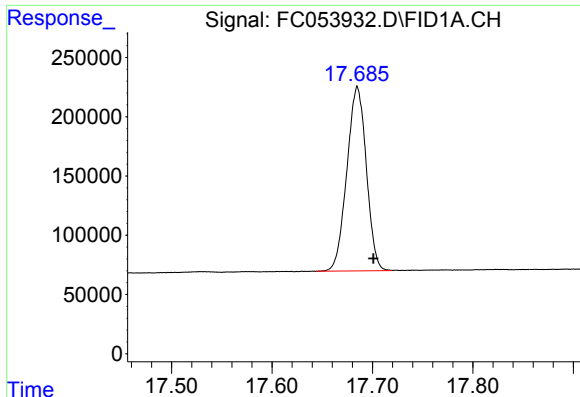
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.017 min
Response: 2113962
Conc: 15.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.796 min
Delta R.T.: -0.016 min
Response: 2086446
Conc: 15.94 ug/ml



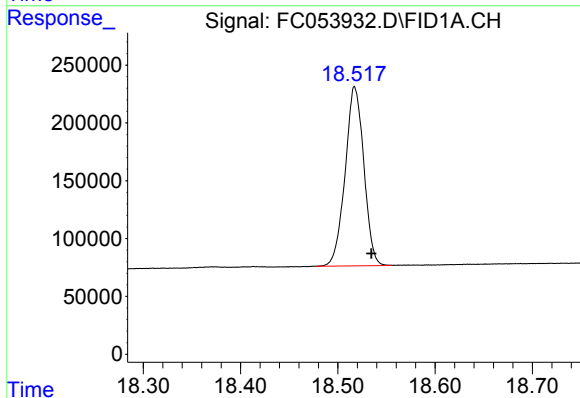
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.017 min
Response: 2092495
Conc: 16.04 ug/ml m

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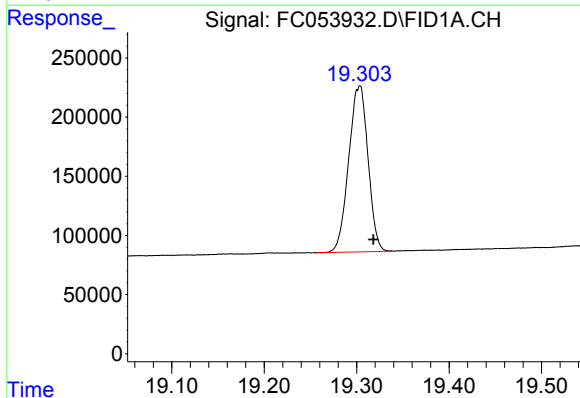
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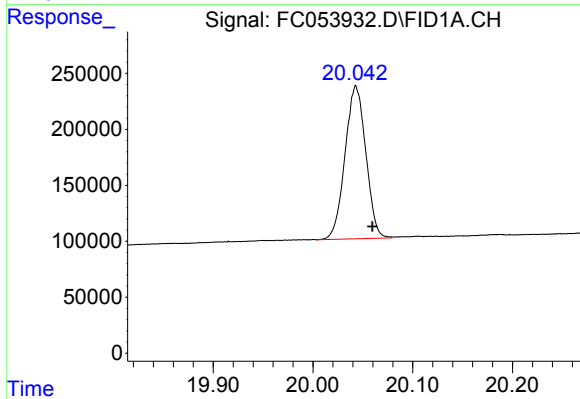
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.018 min
Response: 2068969
Conc: 16.40 ug/ml m



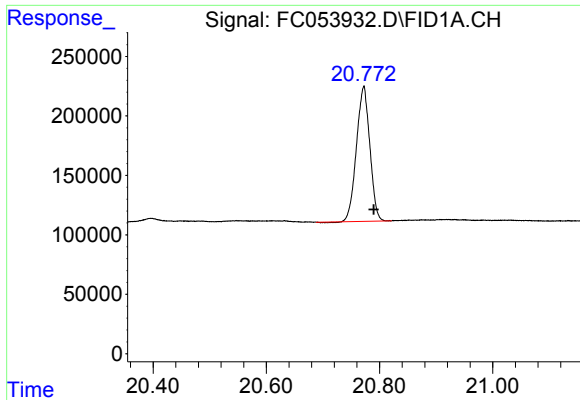
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.015 min
Response: 2039277
Conc: 16.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.042 min
Delta R.T.: -0.017 min
Response: 1979522
Conc: 16.93 ug/ml m



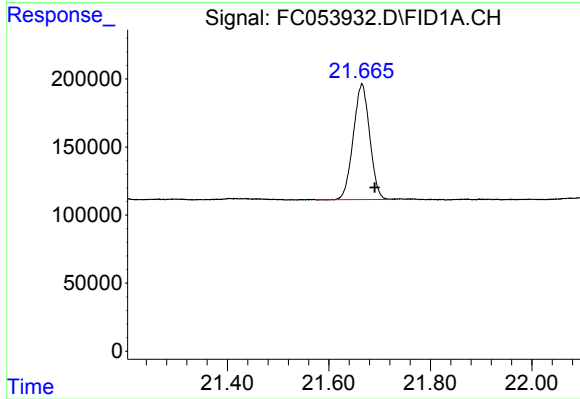
#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.018 min
Response: 1862416
Conc: 18.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.665 min
Delta R.T.: -0.025 min
Response: 1899536
Conc: 19.06 ug/ml