

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061721AL\
 Data File : FC054306.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2021 2:29
 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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 6/18/2021 12:11:30 PM

Integration File: autoint1.e
 Quant Time: Jun 18 03:08:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.346	2786215	18.347 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	12.790	2124564	18.036 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
Target Compounds			
1) T n-Nonane (C9)	3.154	2618864	20.350 ug/ml
2) T n-Decane (C10)	4.210	2656325	20.722 ug/ml
3) T A~Naphthalene (C11.7)	5.778	2900388	20.080 ug/ml
4) T n-Dodecane (C12)	6.219	2658233	20.271 ug/ml
5) T A~2-methylnaphthalene...	6.830	2909848	20.155 ug/ml
6) T n-Tetradecane (C14)	8.008	2670433	20.142 ug/ml
7) T n-Hexadecane (C16)	9.604	2664101	19.695 ug/ml
8) T n-Octadecane (C18)	11.042	2665694	19.099 ug/ml
10) T n-Eicosane (C20)	12.348	2562322	18.454 ug/ml
11) T n-Heneicosane (C21)	12.959	2547125	18.234 ug/ml
13) T n-Docosane (C22)	13.544	2488265	17.982 ug/ml
14) T n-Tetracosane (C24)	14.645	2402903	17.449 ug/ml
15) T n-Hexacosane (C26)	15.664	2306650	17.125 ug/ml
16) T n-Octacosane (C28)	16.613	2271799	17.145 ug/ml
17) T n-Tricontane (C30)	17.501	2267677	17.643 ug/ml
18) T n-Dotriacontane (C32)	18.332	2249734	18.285 ug/mlm
19) T n-Tetratriacontane (C34)	19.113	2215789	18.941 ug/mlm
20) T n-Hexatriacontane (C36)	19.853	2185100	19.796 ug/ml
21) T n-Octatriacontane (C38)	20.561	2086988	20.416 ug/mlm
22) T n-Tetracontane (C40)	21.387	2128379	19.892 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

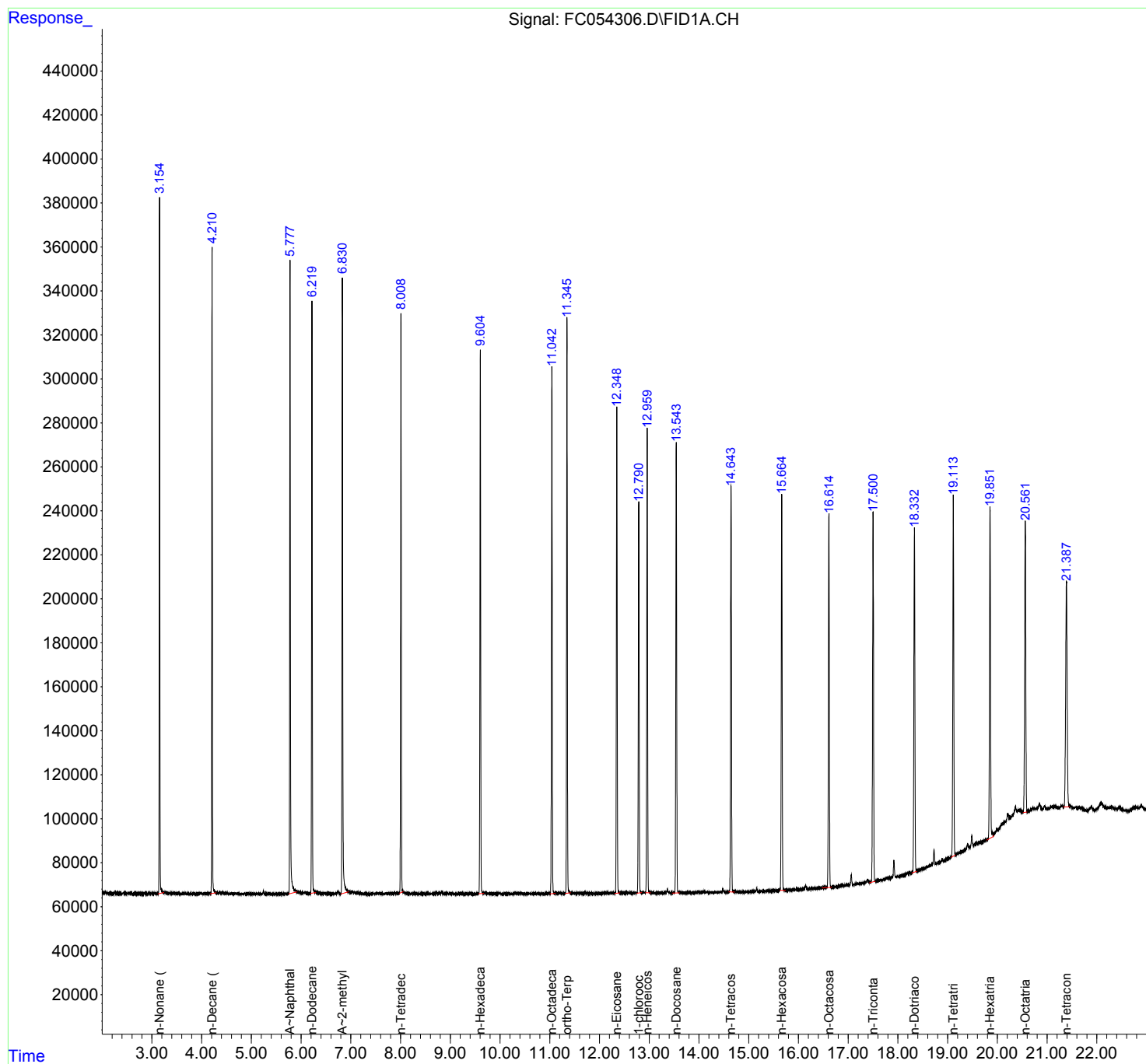
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

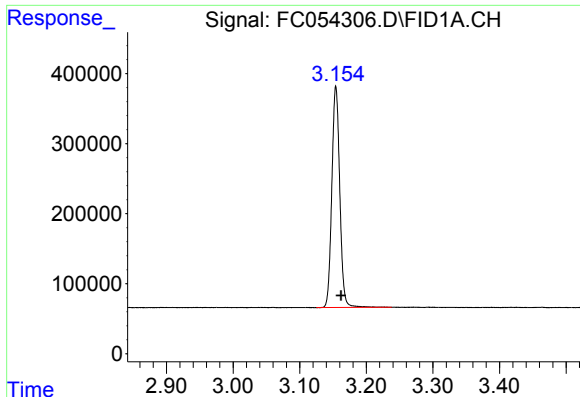
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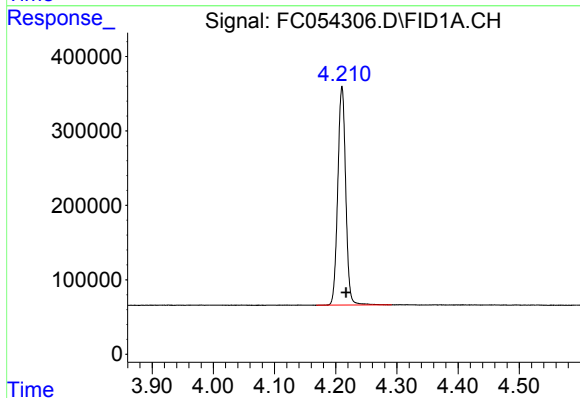
#1 n-Nonane (C9)

R.T.: 3.154 min
Delta R.T.: -0.008 min
Response: 2618864
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

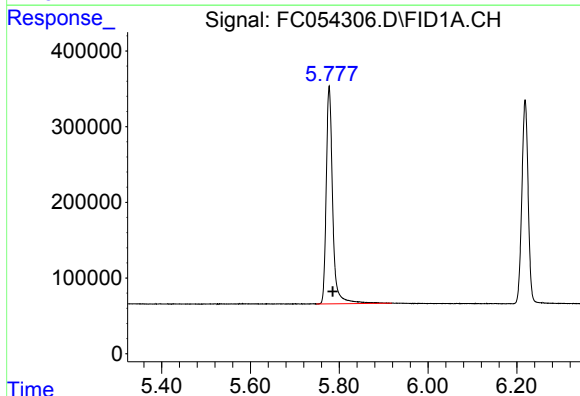
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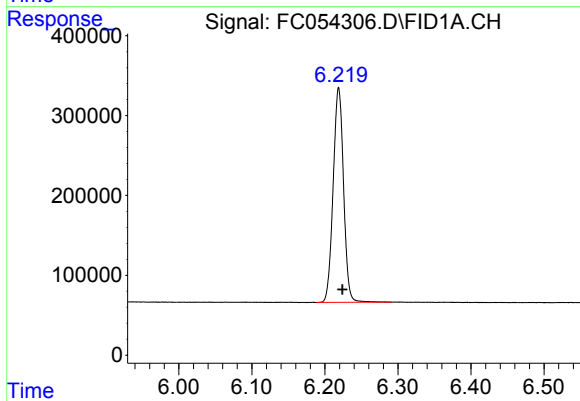
#2 n-Decane (C10)

R.T.: 4.210 min
Delta R.T.: -0.007 min
Response: 2656325
Conc: 20.72 ug/ml



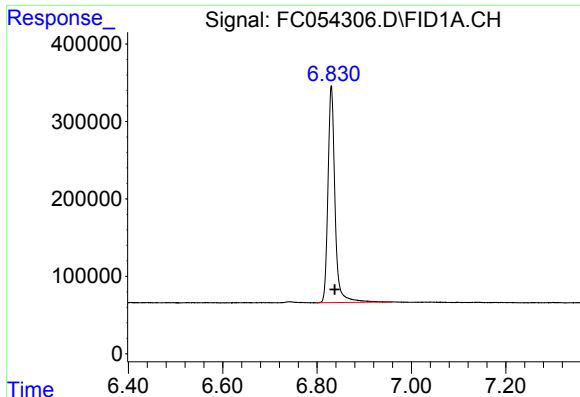
#3 A~Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.008 min
Response: 2900388
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 2658233
Conc: 20.27 ug/ml



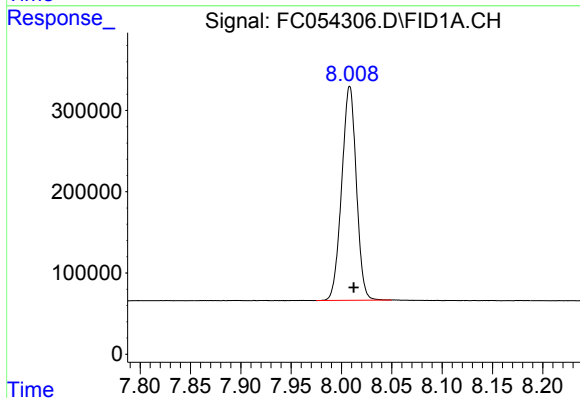
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.830 min
Delta R.T.: -0.007 min
Response: 2909848
Conc: 20.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

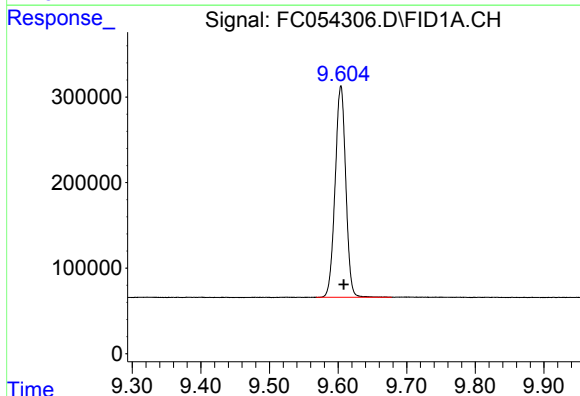
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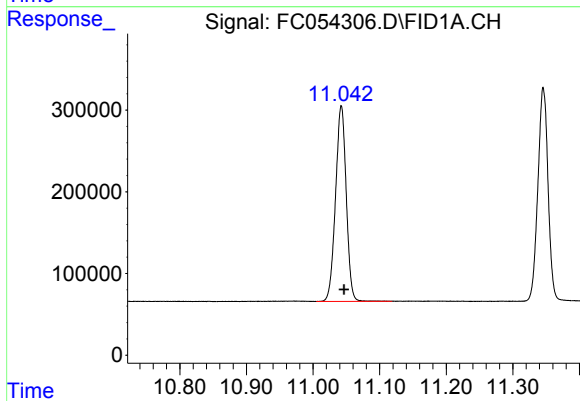
#6 n-Tetradecane (C14)

R.T.: 8.008 min
Delta R.T.: -0.004 min
Response: 2670433
Conc: 20.14 ug/ml



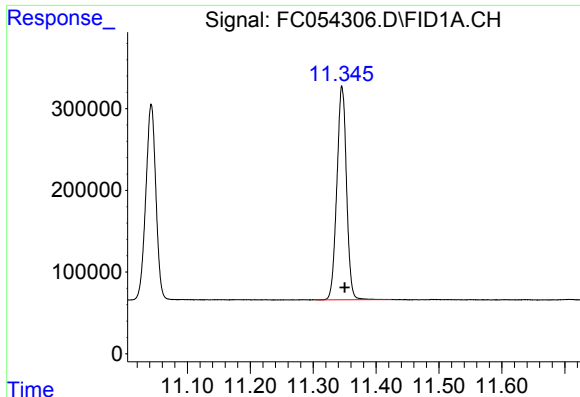
#7 n-Hexadecane (C16)

R.T.: 9.604 min
Delta R.T.: -0.004 min
Response: 2664101
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.042 min
Delta R.T.: -0.004 min
Response: 2665694
Conc: 19.10 ug/ml



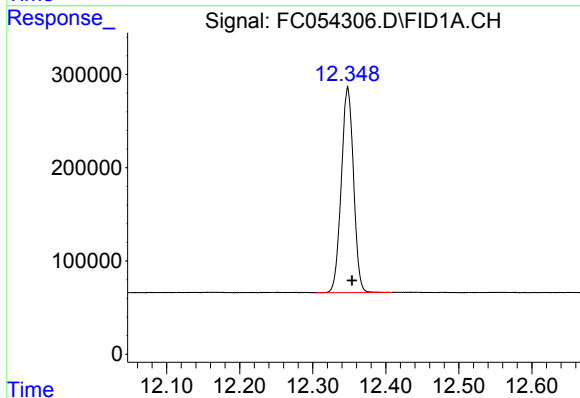
#9 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.004 min
Response: 2786215
Conc: 18.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

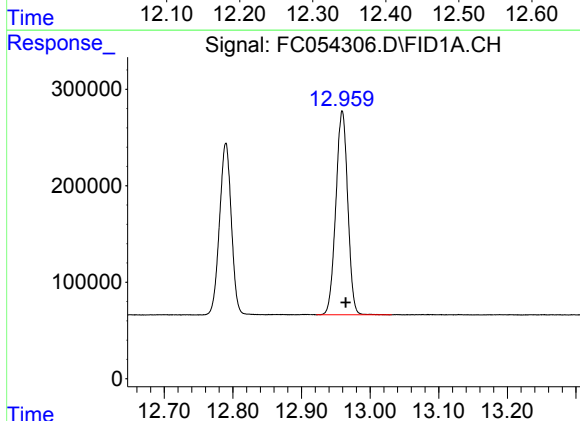
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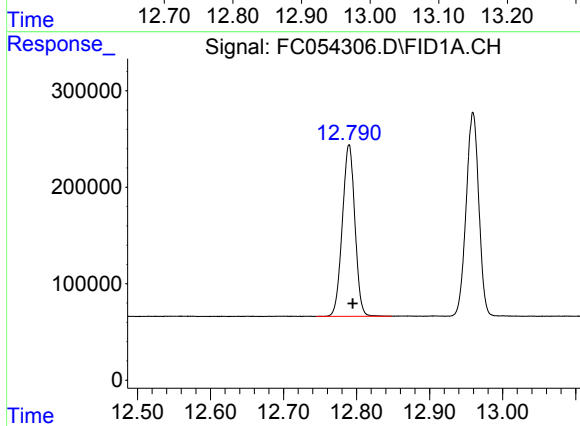
#10 n-Eicosane (C20)

R.T.: 12.348 min
Delta R.T.: -0.006 min
Response: 2562322
Conc: 18.45 ug/ml



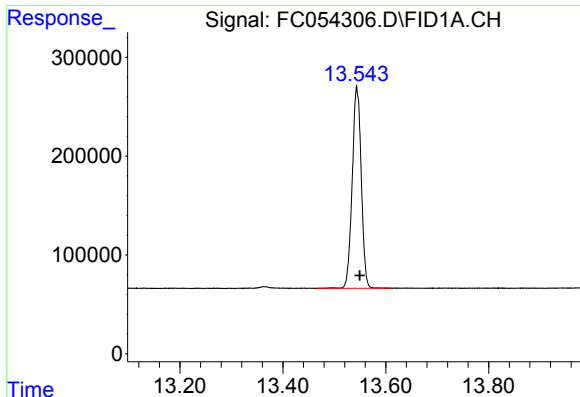
#11 n-Heneicosane (C21)

R.T.: 12.959 min
Delta R.T.: -0.005 min
Response: 2547125
Conc: 18.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.790 min
Delta R.T.: -0.005 min
Response: 2124564
Conc: 18.04 ug/ml



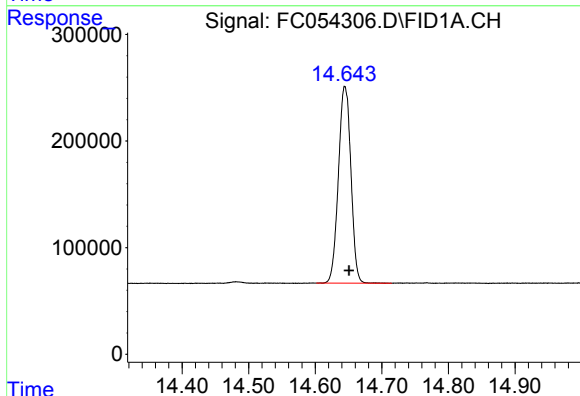
#13 n-Docosane (C22)

R.T.: 13.544 min
Delta R.T.: -0.005 min
Response: 2488265
Conc: 17.98 ug/ml

Instrument :
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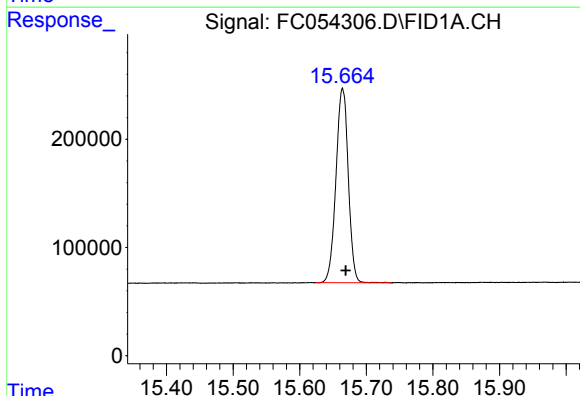
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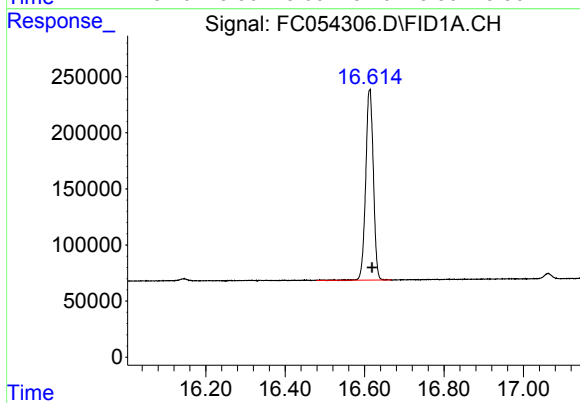
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.006 min
Response: 2402903
Conc: 17.45 ug/ml



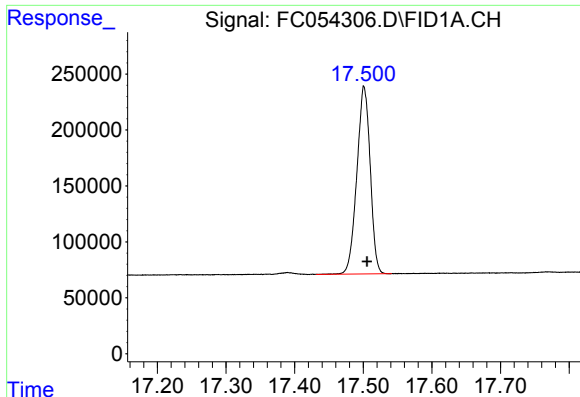
#15 n-Hexacosane (C26)

R.T.: 15.664 min
Delta R.T.: -0.005 min
Response: 2306650
Conc: 17.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.613 min
Delta R.T.: -0.006 min
Response: 2271799
Conc: 17.14 ug/ml



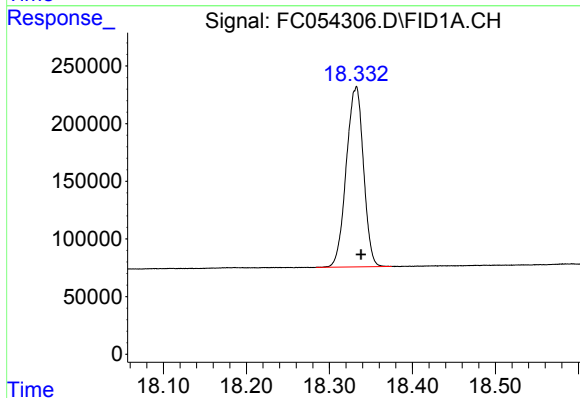
#17 n-Tricontane (C30)

R.T.: 17.501 min
Delta R.T.: -0.004 min
Response: 2267677
Conc: 17.64 ug/ml

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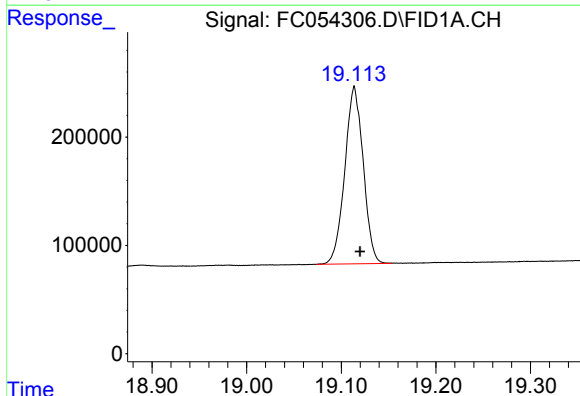
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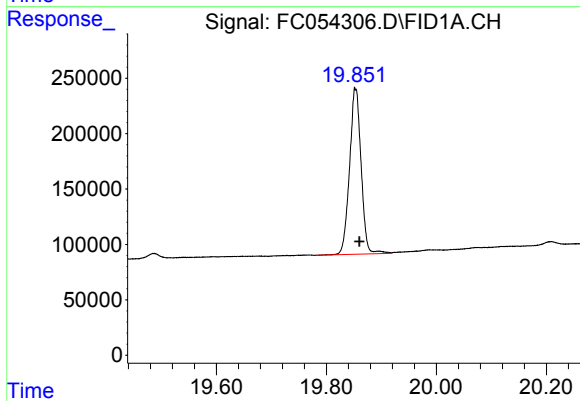
#18 n-Dotriacontane (C32)

R.T.: 18.332 min
Delta R.T.: -0.006 min
Response: 2249734
Conc: 18.28 ug/ml m



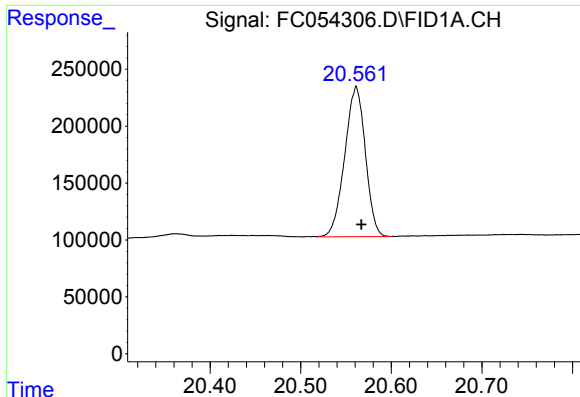
#19 n-Tetratriacontane (C34)

R.T.: 19.113 min
Delta R.T.: -0.006 min
Response: 2215789
Conc: 18.94 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.853 min
Delta R.T.: -0.007 min
Response: 2185100
Conc: 19.80 ug/ml



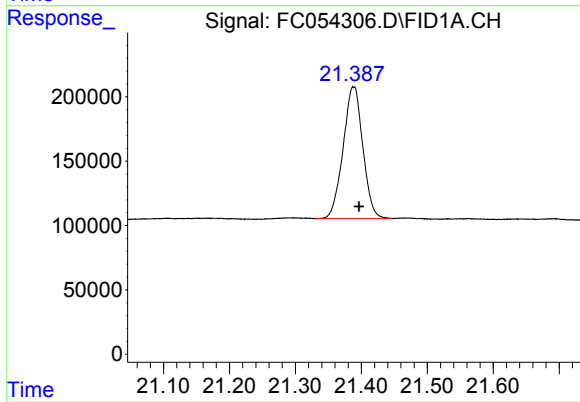
#21 n-Octatriacontane (C38)

R.T.: 20.561 min
Delta R.T.: -0.006 min
Response: 2086988
Conc: 20.42 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: -0.010 min
Response: 2128379
Conc: 19.89 ug/ml m