

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061721AL\
 Data File : FC054289.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jun 2021 10:01
 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 12:11:24 PM

Integration File: autoint1.e
 Quant Time: Jun 18 01:57:08 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)	11.344	2802704	18.456 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	12.788	2153294	18.279 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T n-Nonane (C9)	3.155	2603372	20.230 ug/ml
2) T n-Decane (C10)	4.211	2633164	20.542 ug/ml
3) T A~Naphthalene (C11.7)	5.777	2900484	20.080 ug/ml
4) T n-Dodecane (C12)	6.218	2651476	20.220 ug/ml
5) T A~2-methylnaphthalene...	6.829	2894173	20.046 ug/ml
6) T n-Tetradecane (C14)	8.007	2656927	20.040 ug/ml
7) T n-Hexadecane (C16)	9.602	2651795	19.604 ug/ml
8) T n-Octadecane (C18)	11.041	2666054	19.102 ug/ml
10) T n-Eicosane (C20)	12.347	2575388	18.548 ug/ml
11) T n-Heneicosane (C21)	12.957	2574998	18.433 ug/ml
13) T n-Docosane (C22)	13.543	2508486	18.128 ug/ml
14) T n-Tetracosane (C24)	14.643	2436478	17.692 ug/ml
15) T n-Hexacosane (C26)	15.663	2332468	17.317 ug/ml
16) T n-Octacosane (C28)	16.612	2277673	17.189 ug/ml
17) T n-Tricontane (C30)	17.499	2242855	17.450 ug/ml
18) T n-Dotriacontane (C32)	18.331	2190105	17.800 ug/ml
19) T n-Tetratriacontane (C34)	19.111	2173138	18.576 ug/mlm
20) T n-Hexatriacontane (C36)	19.852	2086935	18.907 ug/ml
21) T n-Octatriacontane (C38)	20.559	2057833	20.130 ug/mlm
22) T n-Tetracontane (C40)	21.384	2123093	19.842 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

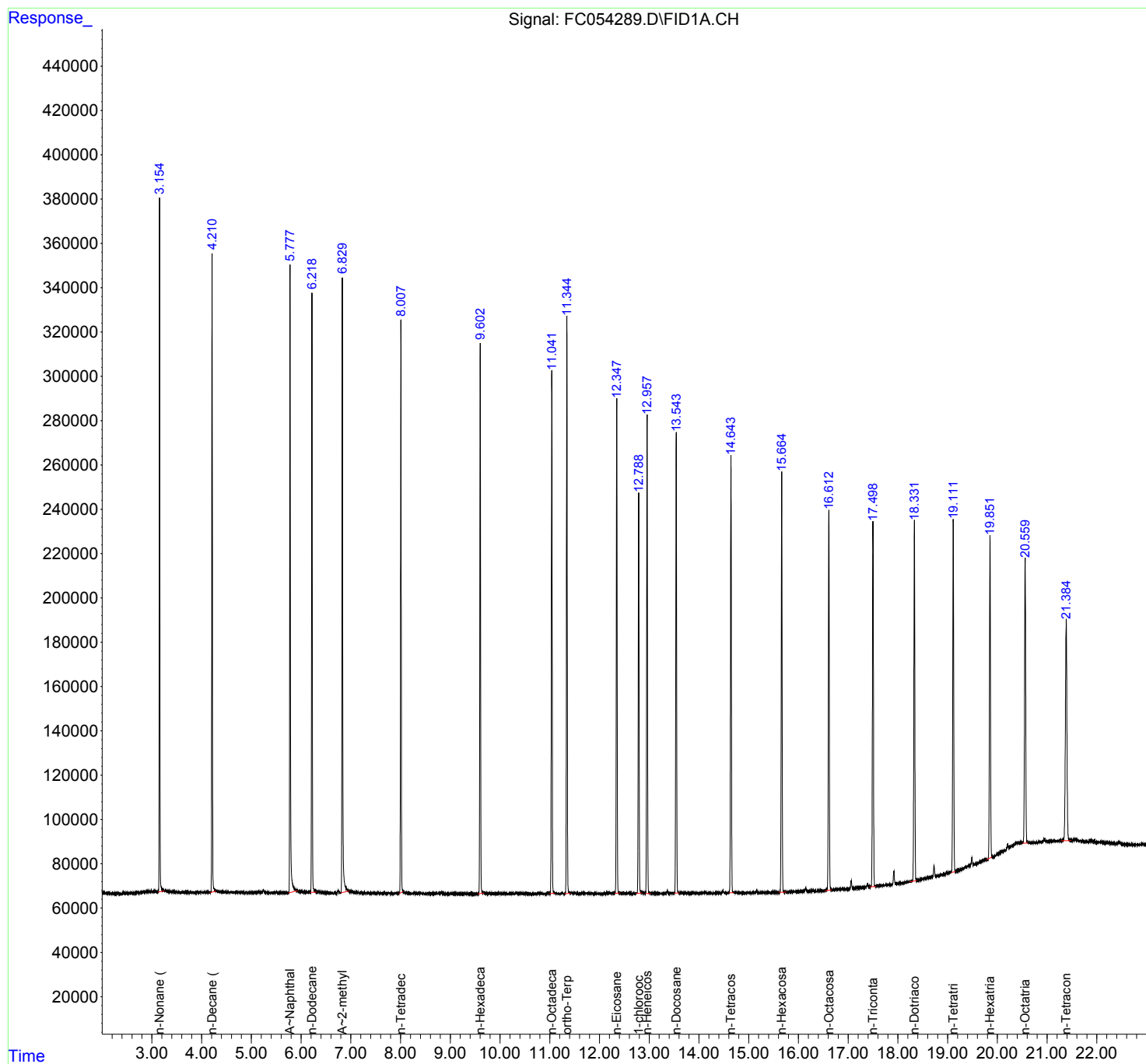
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

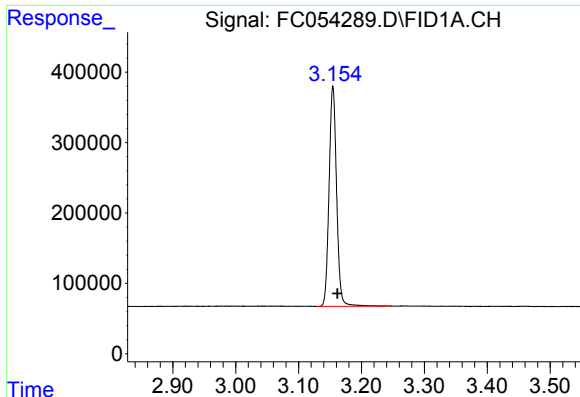
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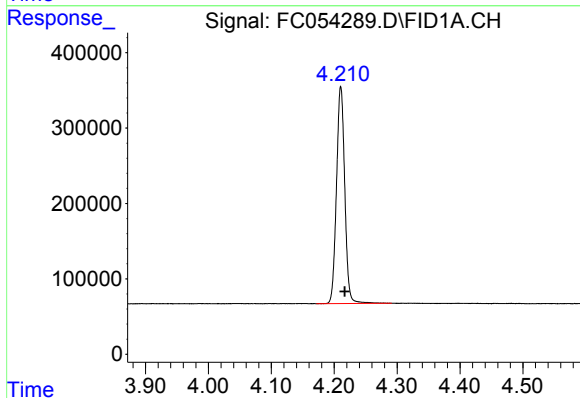
#1 n-Nonane (C9)

R.T.: 3.155 min
Delta R.T.: -0.007 min
Response: 2603372
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

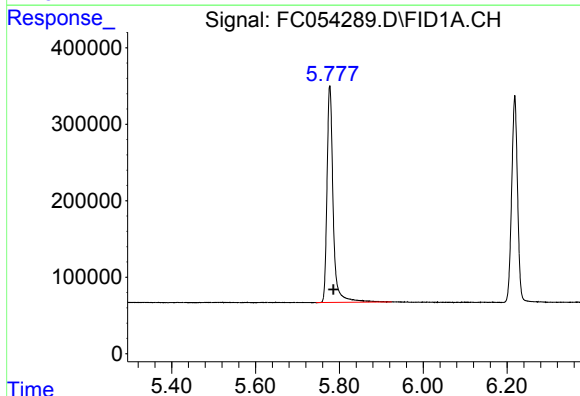
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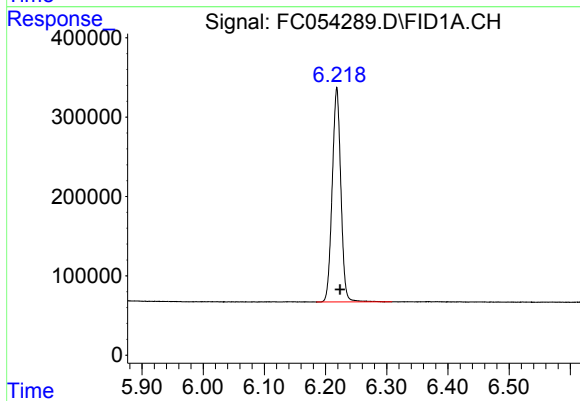
#2 n-Decane (C10)

R.T.: 4.211 min
Delta R.T.: -0.006 min
Response: 2633164
Conc: 20.54 ug/ml



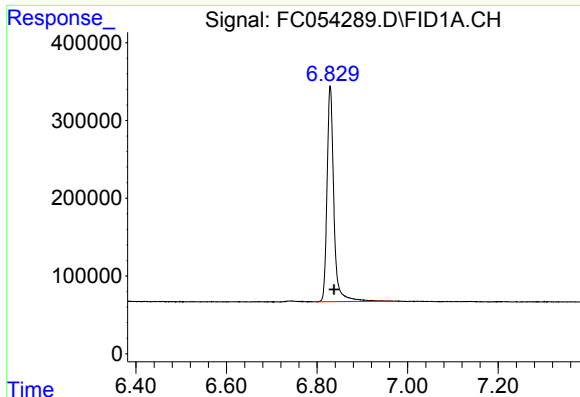
#3 A~Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 2900484
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.218 min
Delta R.T.: -0.006 min
Response: 2651476
Conc: 20.22 ug/ml



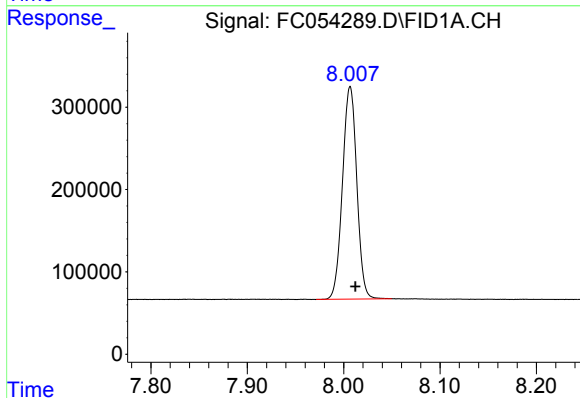
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.829 min
Delta R.T.: -0.008 min
Response: 2894173
Conc: 20.05 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

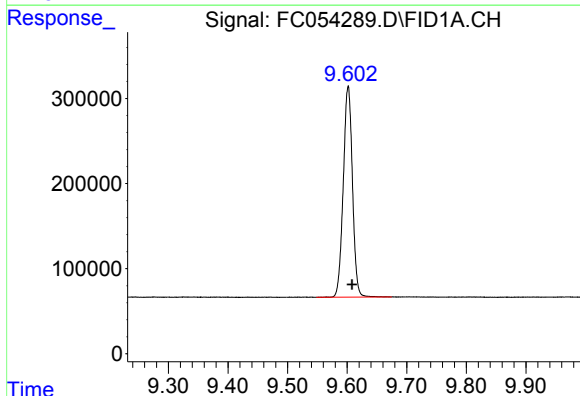
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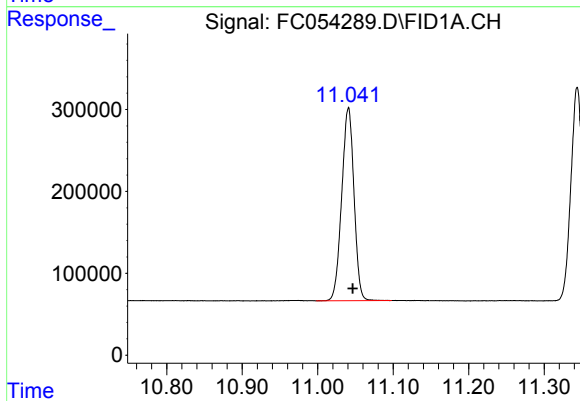
#6 n-Tetradecane (C14)

R.T.: 8.007 min
Delta R.T.: -0.006 min
Response: 2656927
Conc: 20.04 ug/ml



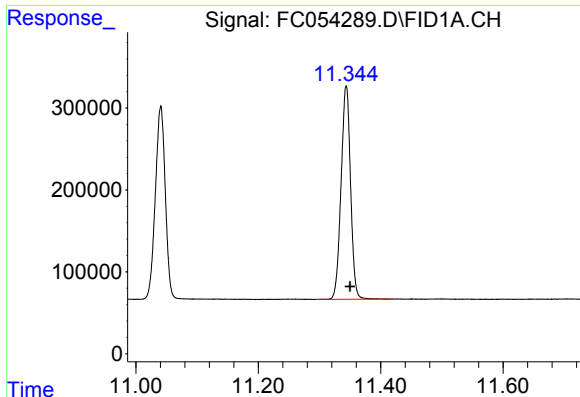
#7 n-Hexadecane (C16)

R.T.: 9.602 min
Delta R.T.: -0.007 min
Response: 2651795
Conc: 19.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.041 min
Delta R.T.: -0.006 min
Response: 2666054
Conc: 19.10 ug/ml



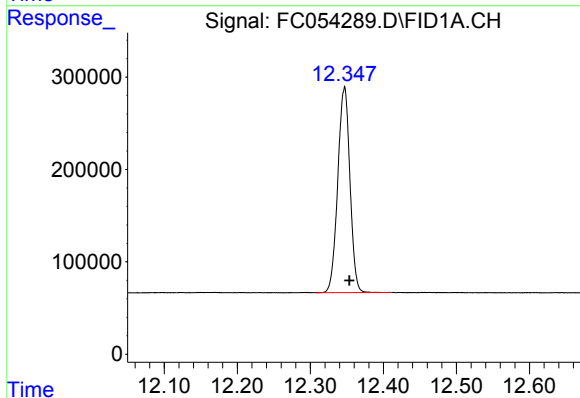
#9 ortho-Terphenyl (SURR)

R.T.: 11.344 min
Delta R.T.: -0.006 min
Response: 2802704
Conc: 18.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

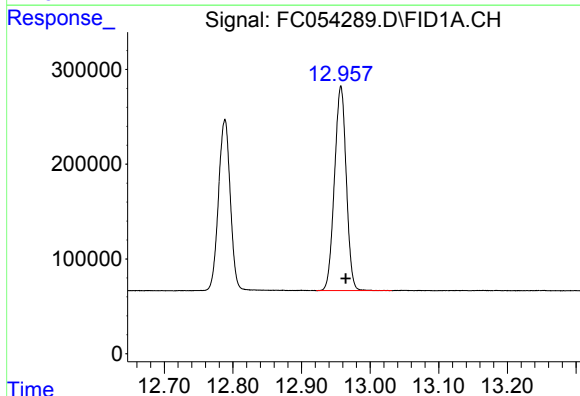
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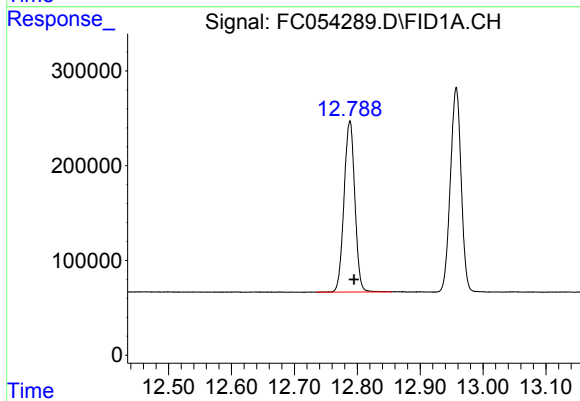
#10 n-Eicosane (C20)

R.T.: 12.347 min
Delta R.T.: -0.007 min
Response: 2575388
Conc: 18.55 ug/ml



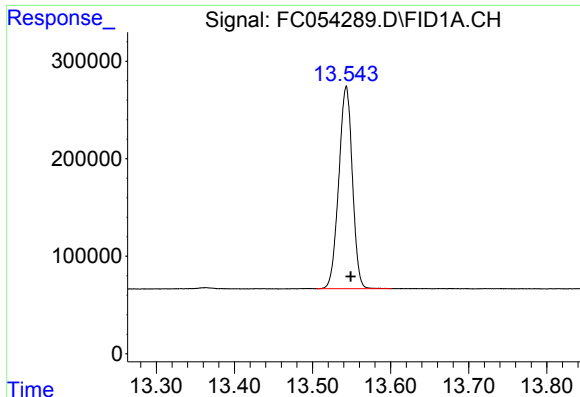
#11 n-Heneicosane (C21)

R.T.: 12.957 min
Delta R.T.: -0.007 min
Response: 2574998
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.788 min
Delta R.T.: -0.007 min
Response: 2153294
Conc: 18.28 ug/ml



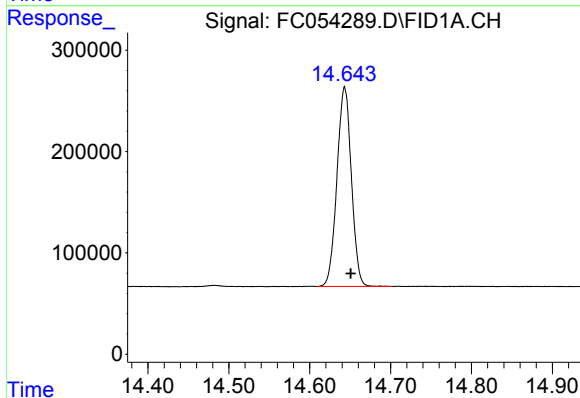
#13 n-Docosane (C22)

R.T.: 13.543 min
Delta R.T.: -0.006 min
Response: 2508486
Conc: 18.13 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

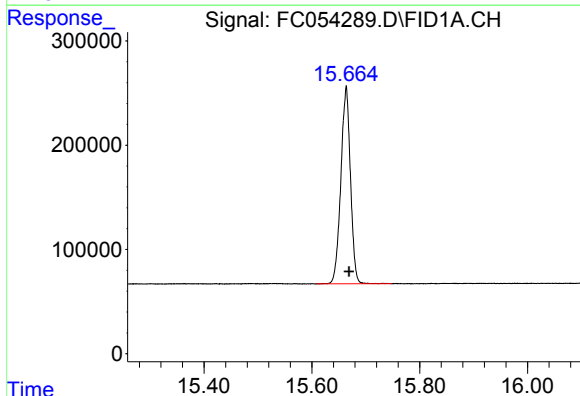
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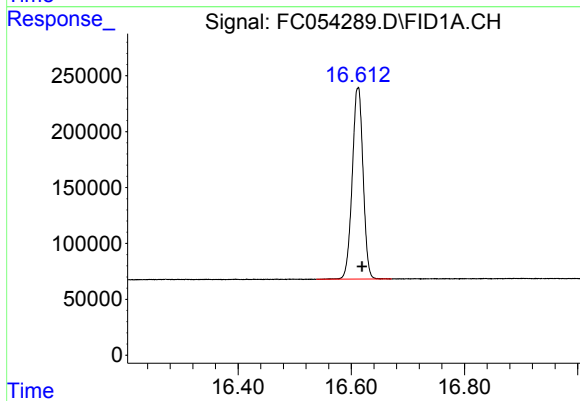
#14 n-Tetracosane (C24)

R.T.: 14.643 min
Delta R.T.: -0.007 min
Response: 2436478
Conc: 17.69 ug/ml



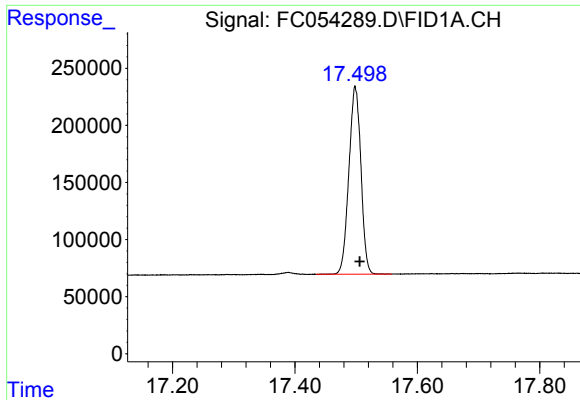
#15 n-Hexacosane (C26)

R.T.: 15.663 min
Delta R.T.: -0.006 min
Response: 2332468
Conc: 17.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: -0.007 min
Response: 2277673
Conc: 17.19 ug/ml



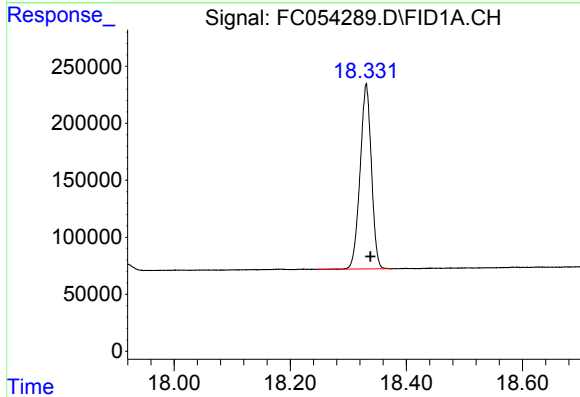
#17 n-Tricontane (C30)

R.T.: 17.499 min
Delta R.T.: -0.007 min
Response: 2242855
Conc: 17.45 ug/ml

Instrument :
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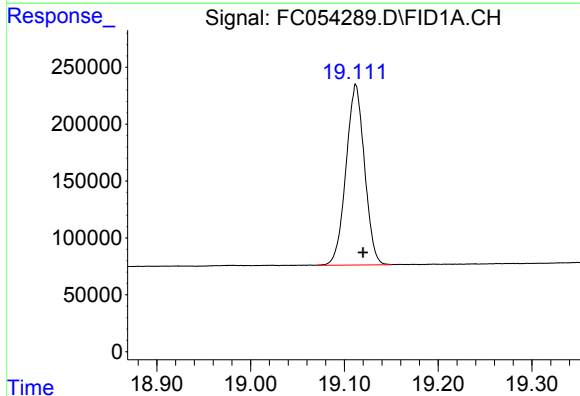
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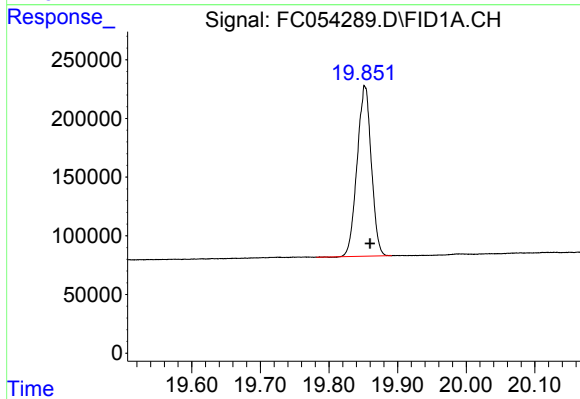
#18 n-Dotriacontane (C32)

R.T.: 18.331 min
Delta R.T.: -0.007 min
Response: 2190105
Conc: 17.80 ug/ml



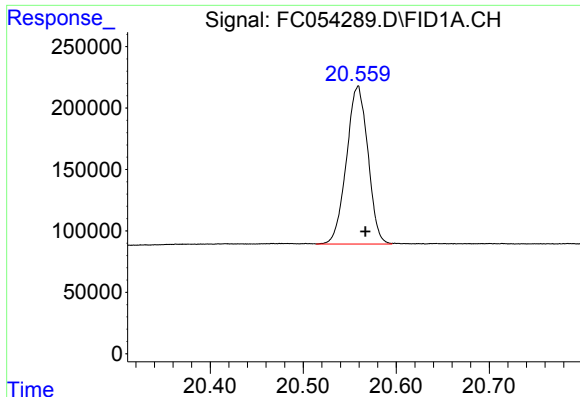
#19 n-Tetratriacontane (C34)

R.T.: 19.111 min
Delta R.T.: -0.008 min
Response: 2173138
Conc: 18.58 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.852 min
Delta R.T.: -0.008 min
Response: 2086935
Conc: 18.91 ug/ml



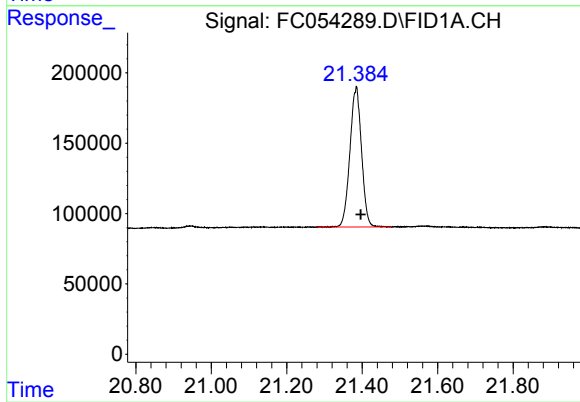
#21 n-Octatriacontane (C38)

R.T.: 20.559 min
Delta R.T.: -0.008 min
Response: 2057833
Conc: 20.13 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.384 min
Delta R.T.: -0.013 min
Response: 2123093
Conc: 19.84 ug/ml