

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062321AL\
 Data File : FC054388.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jun 2021 9:56
 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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 6/24/2021 12:59:44 PM

Integration File: autoint1.e
 Quant Time: Jun 24 02:17:47 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)	11.340	2656677	17.494 ug/ml
Spiked Amount 50.000		Recovery =	34.99%
12) S 1-chlorooctadecane (S...	12.784	2022561	17.170 ug/ml
Spiked Amount 50.000		Recovery =	34.34%
Target Compounds			
1) T n-Nonane (C9)	3.150	2607112	20.259 ug/ml
2) T n-Decane (C10)	4.206	2641749	20.609 ug/ml
3) T A~Naphthalene (C11.7)	5.773	2876816	19.916 ug/ml
4) T n-Dodecane (C12)	6.214	2653374	20.234 ug/ml
5) T A~2-methylnaphthalene...	6.826	2869748	19.877 ug/ml
6) T n-Tetradecane (C14)	8.003	2634296	19.869 ug/ml
7) T n-Hexadecane (C16)	9.599	2601346	19.231 ug/ml
8) T n-Octadecane (C18)	11.037	2573932	18.442 ug/ml
10) T n-Eicosane (C20)	12.343	2450780	17.651 ug/ml
11) T n-Heneicosane (C21)	12.954	2421442	17.334 ug/ml
13) T n-Docosane (C22)	13.538	2366801	17.104 ug/ml
14) T n-Tetracosane (C24)	14.638	2296395	16.675 ug/ml
15) T n-Hexacosane (C26)	15.658	2198358	16.321 ug/ml
16) T n-Octacosane (C28)	16.607	2189349	16.523 ug/ml
17) T n-Tricontane (C30)	17.493	2204147	17.149 ug/ml
18) T n-Dotriacontane (C32)	18.325	2190008	17.799 ug/mlm
19) T n-Tetratriacontane (C34)	19.109	2201123	18.815 ug/mlm
20) T n-Hexatriacontane (C36)	19.847	2144810	19.431 ug/ml
21) T n-Octatriacontane (C38)	20.552	2082253	20.369 ug/mlm
22) T n-Tetracontane (C40)	21.378	2138961	19.990 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

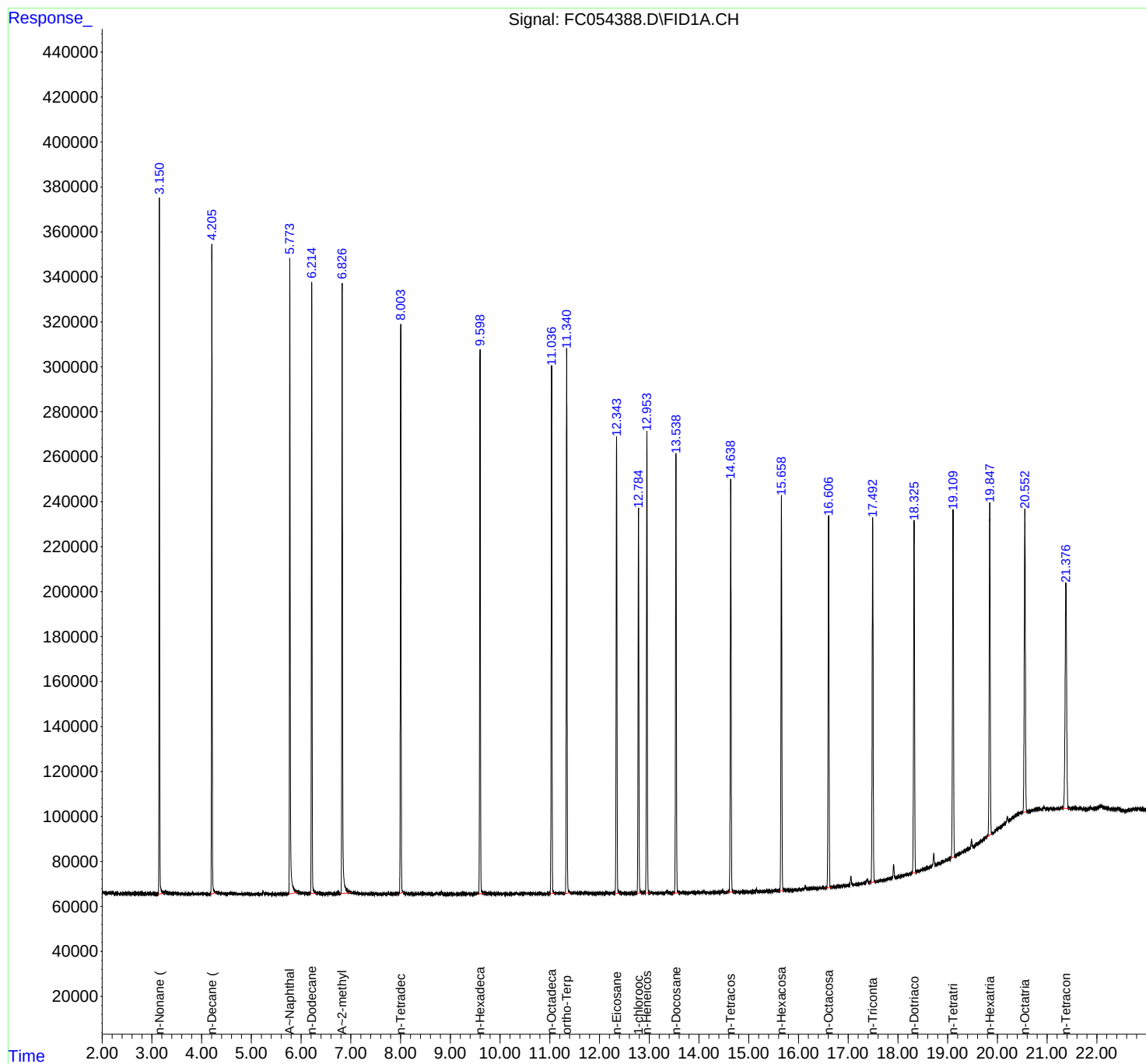
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

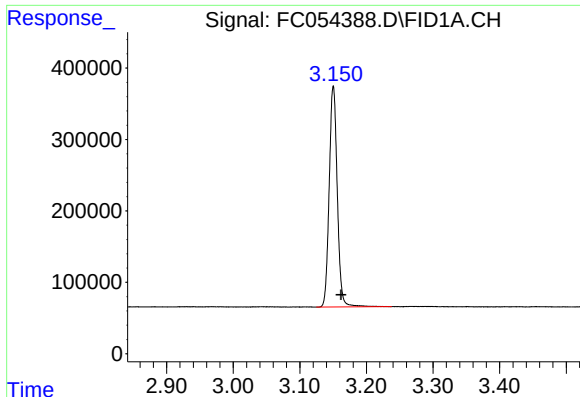
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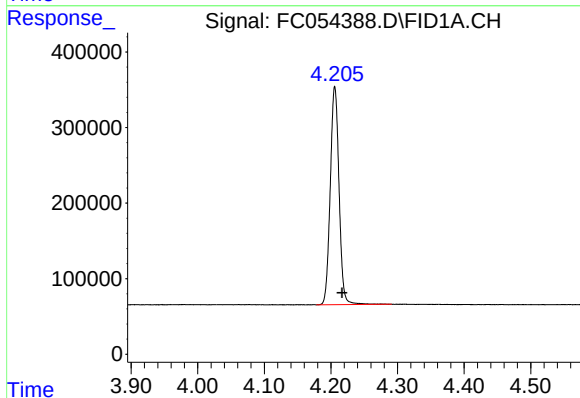
#1 n-Nonane (C9)

R.T.: 3.150 min
Delta R.T.: -0.012 min
Response: 2607112
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

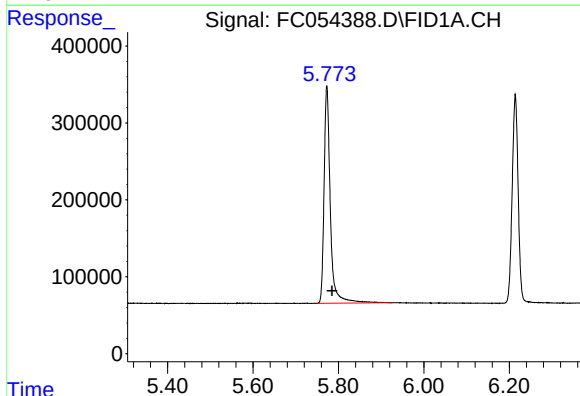
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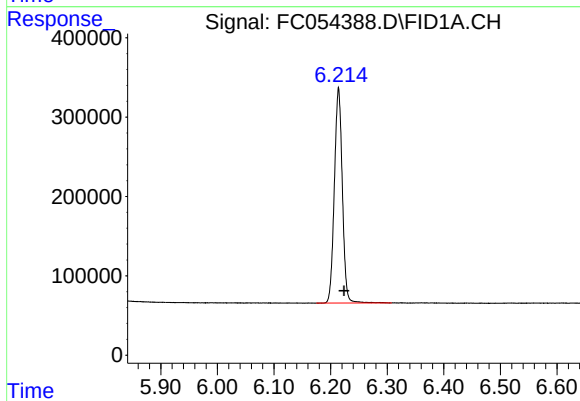
#2 n-Decane (C10)

R.T.: 4.206 min
Delta R.T.: -0.011 min
Response: 2641749
Conc: 20.61 ug/ml



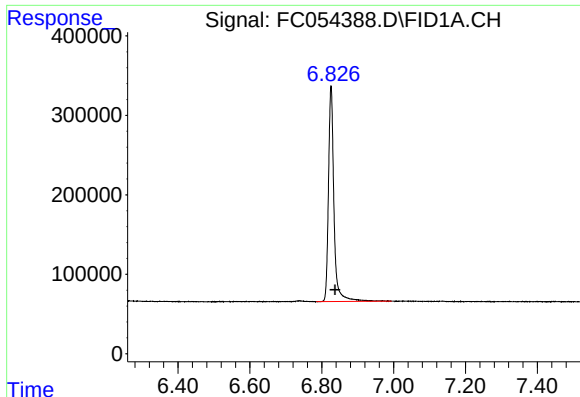
#3 A~Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.012 min
Response: 2876816
Conc: 19.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.214 min
Delta R.T.: -0.010 min
Response: 2653374
Conc: 20.23 ug/ml



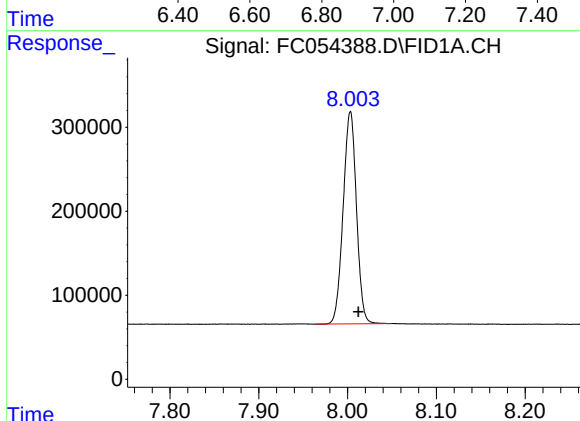
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.826 min
Delta R.T.: -0.011 min
Response: 2869748
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

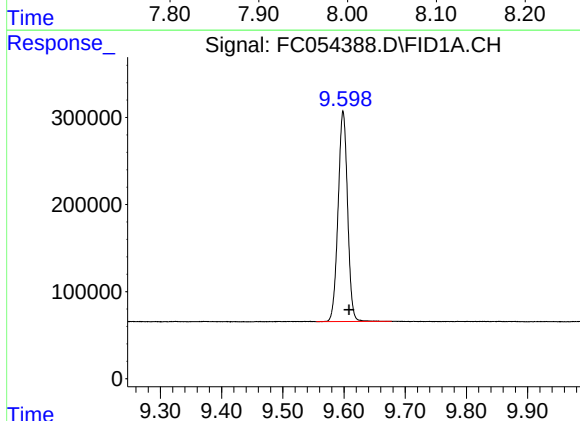
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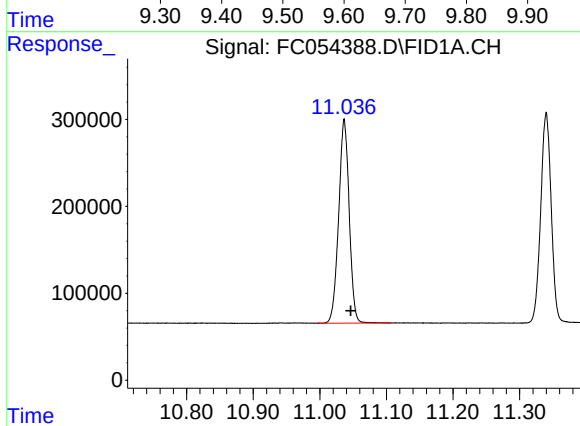
#6 n-Tetradecane (C14)

R.T.: 8.003 min
Delta R.T.: -0.009 min
Response: 2634296
Conc: 19.87 ug/ml



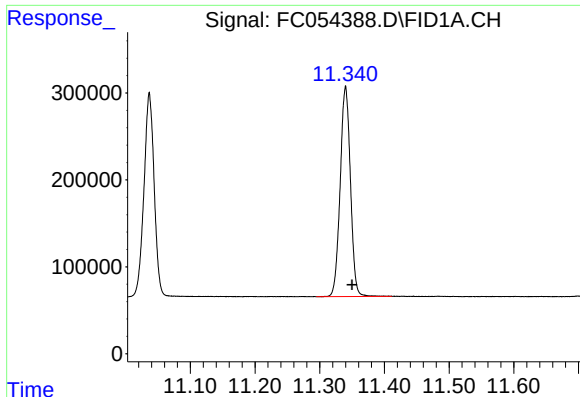
#7 n-Hexadecane (C16)

R.T.: 9.599 min
Delta R.T.: -0.010 min
Response: 2601346
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.037 min
Delta R.T.: -0.010 min
Response: 2573932
Conc: 18.44 ug/ml



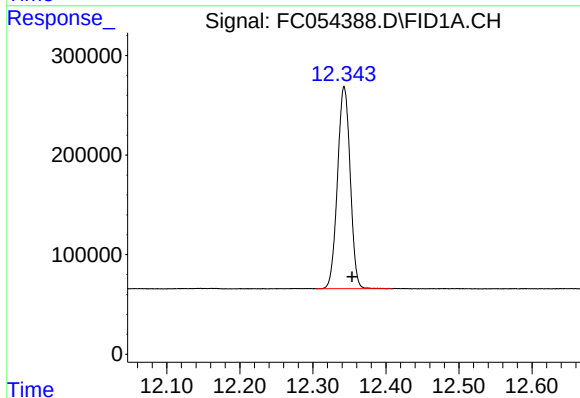
#9 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.010 min
Response: 2656677
Conc: 17.49 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

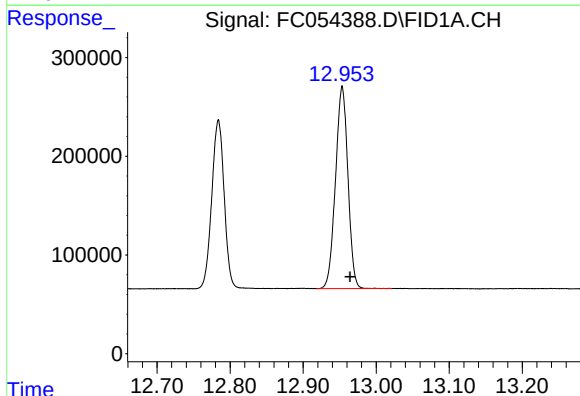
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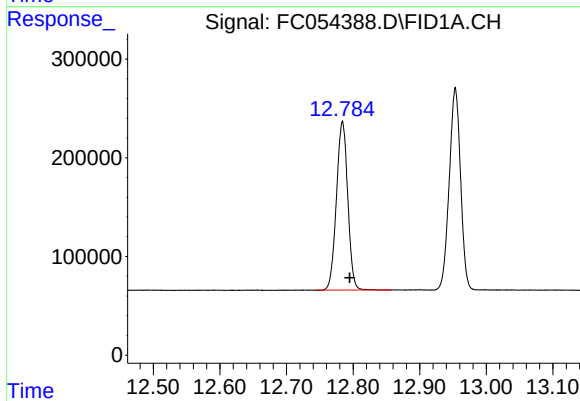
#10 n-Eicosane (C20)

R.T.: 12.343 min
Delta R.T.: -0.011 min
Response: 2450780
Conc: 17.65 ug/ml



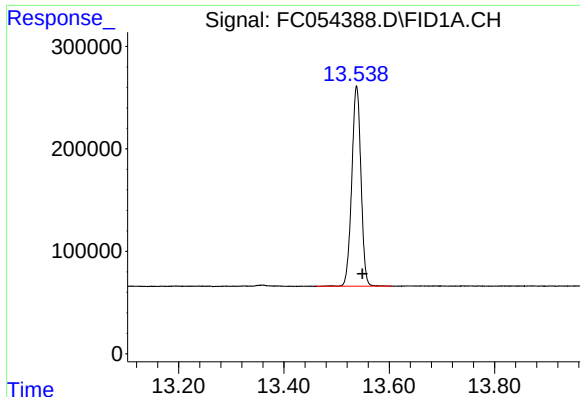
#11 n-Heneicosane (C21)

R.T.: 12.954 min
Delta R.T.: -0.011 min
Response: 2421442
Conc: 17.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.784 min
Delta R.T.: -0.011 min
Response: 2022561
Conc: 17.17 ug/ml



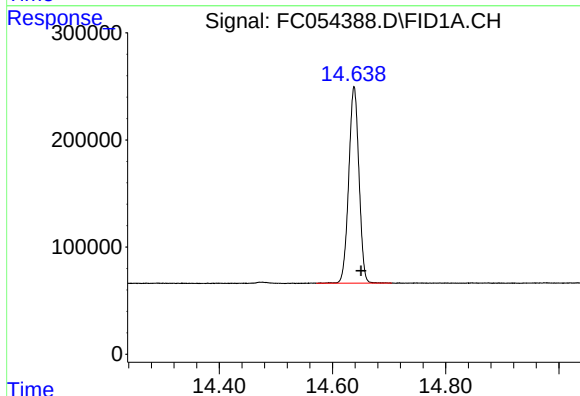
#13 n-Docosane (C22)

R.T.: 13.538 min
Delta R.T.: -0.011 min
Response: 2366801
Conc: 17.10 ug/ml

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20 PPM ALIPHATIC HC STD

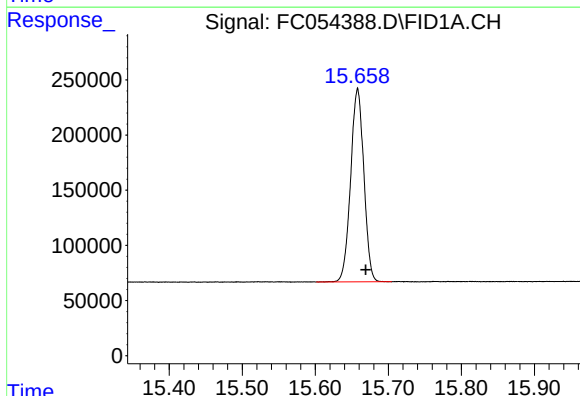
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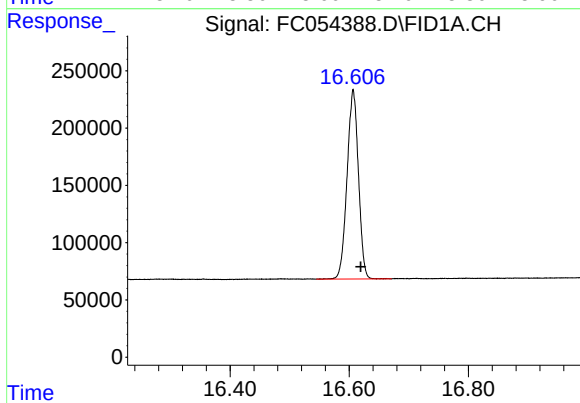
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: -0.012 min
Response: 2296395
Conc: 16.68 ug/ml



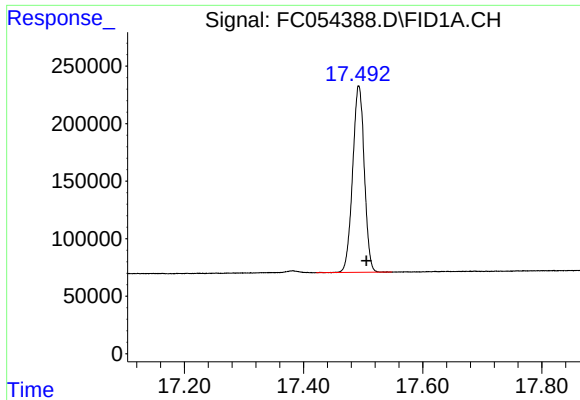
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: -0.011 min
Response: 2198358
Conc: 16.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.607 min
Delta R.T.: -0.012 min
Response: 2189349
Conc: 16.52 ug/ml



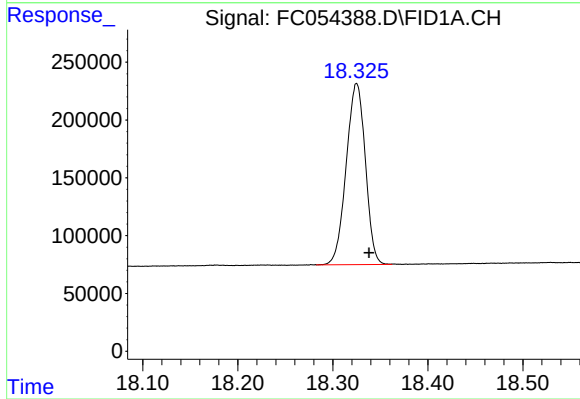
#17 n-Tricontane (C30)

R.T.: 17.493 min
Delta R.T.: -0.013 min
Response: 2204147
Conc: 17.15 ug/ml

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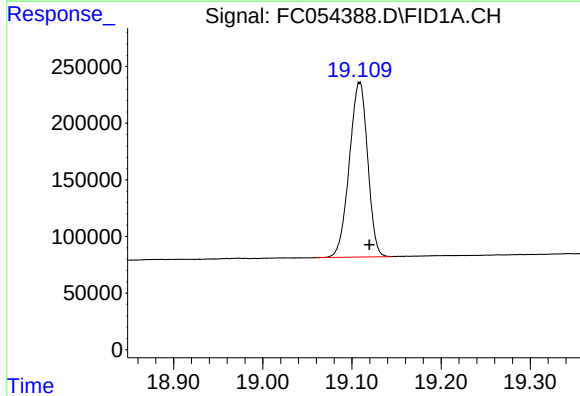
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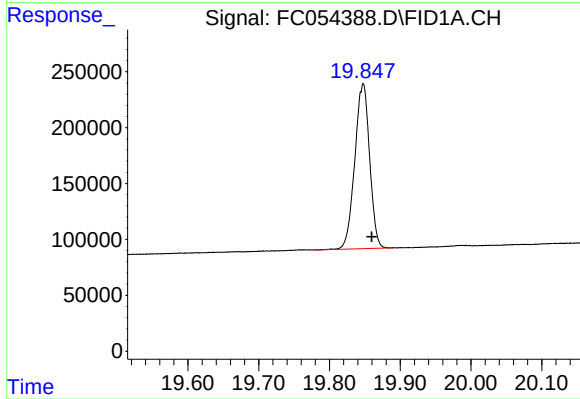
#18 n-Dotriacontane (C32)

R.T.: 18.325 min
Delta R.T.: -0.013 min
Response: 2190008
Conc: 17.80 ug/ml m



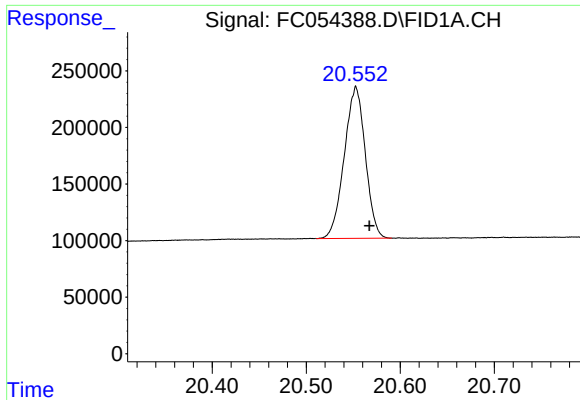
#19 n-Tetratriacontane (C34)

R.T.: 19.109 min
Delta R.T.: -0.011 min
Response: 2201123
Conc: 18.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.847 min
Delta R.T.: -0.013 min
Response: 2144810
Conc: 19.43 ug/ml



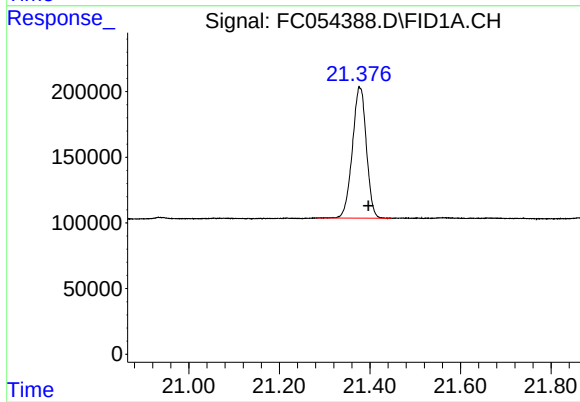
#21 n-Octatriacontane (C38)

R.T.: 20.552 min
Delta R.T.: -0.015 min
Response: 2082253
Conc: 20.37 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.378 min
Delta R.T.: -0.019 min
Response: 2138961
Conc: 19.99 ug/ml