

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060921AL\
 Data File : FC054147.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jun 2021 14:19
 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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 6/10/2021 3:15:55 PM

Integration File: autoint1.e
 Quant Time: Jun 10 02:17:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.356	2882854	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
12) S 1-chlorooctadecane (S...	12.800	2201561	19.636 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.165	2658976	22.506 ug/ml
2) T n-Decane (C10)	4.221	2730483	22.909 ug/ml
3) T A~Naphthalene (C11.7)	5.788	3017488	23.072 ug/ml
4) T n-Dodecane (C12)	6.229	2801787	22.823 ug/ml
5) T A~2-methylnaphthalene...	6.841	3069021	22.990 ug/ml
6) T n-Tetradecane (C14)	8.018	2810275	22.656 ug/ml
7) T n-Hexadecane (C16)	9.614	2752357	22.091 ug/ml
8) T n-Octadecane (C18)	11.053	2796232	21.229 ug/ml
10) T n-Eicosane (C20)	12.360	2724475	20.326 ug/ml
11) T n-Heneicosane (C21)	12.970	2667541	19.889 ug/ml
13) T n-Docosane (C22)	13.555	2629835	19.567 ug/ml
14) T n-Tetracosane (C24)	14.657	2566378	19.114 ug/ml
15) T n-Hexacosane (C26)	15.676	2479784	18.710 ug/ml
16) T n-Octacosane (C28)	16.625	2506814	18.985 ug/ml
17) T n-Tricontane (C30)	17.512	2594786	19.789 ug/ml
18) T n-Dotriacontane (C32)	18.344	2614039	20.264 ug/ml
19) T n-Tetratriacontane (C34)	19.126	2523291	20.684 ug/ml
20) T n-Hexatriacontane (C36)	19.865	2395721	21.220 ug/ml
21) T n-Octatriacontane (C38)	20.575	2236382	22.179 ug/mlm
22) T n-Tetracontane (C40)	21.405	2275688	22.549 ug/ml

(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

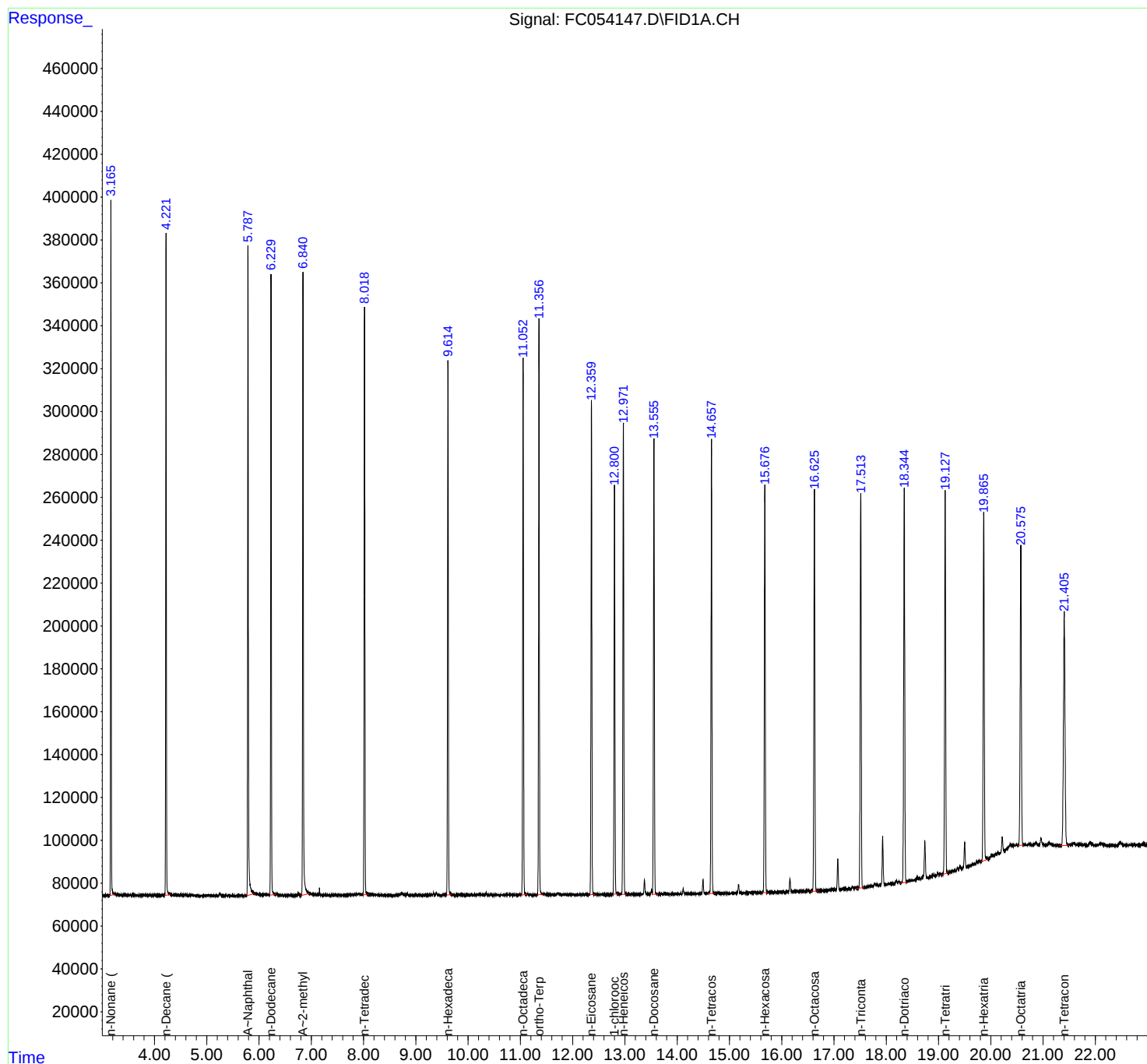
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

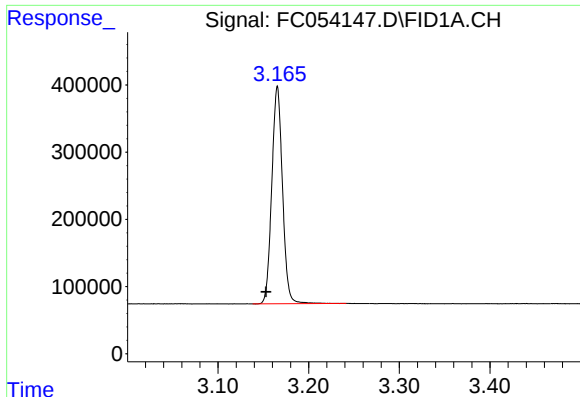
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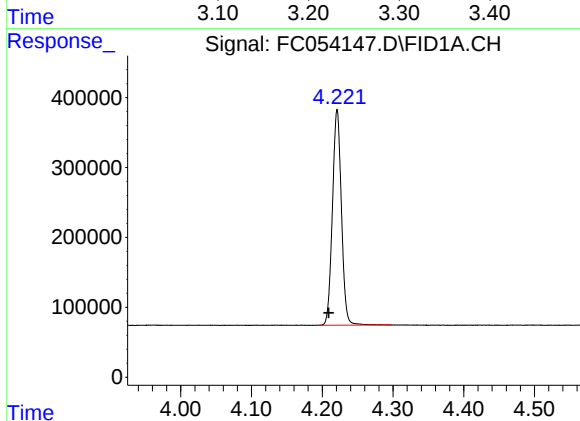
#1 n-Nonane (C9)

R.T.: 3.165 min
Delta R.T.: 0.012 min
Response: 2658976
Conc: 22.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

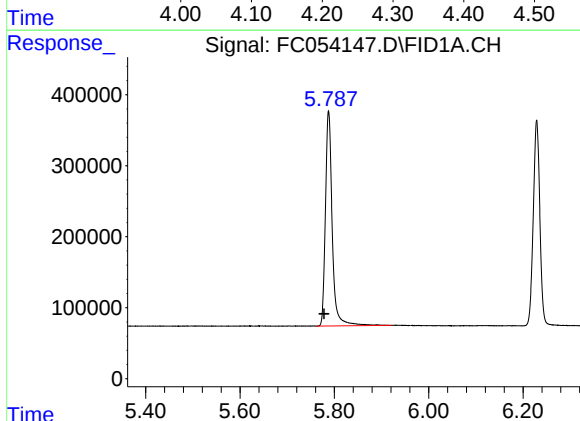
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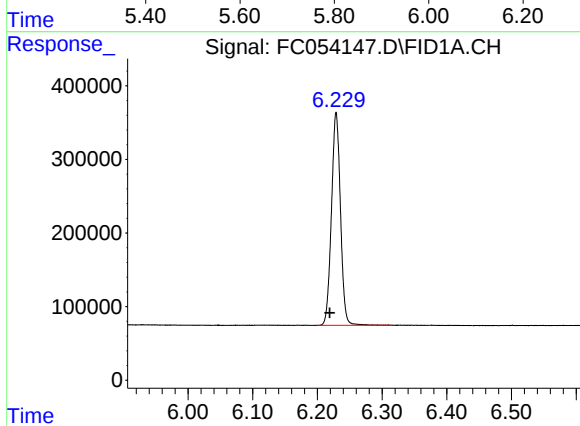
#2 n-Decane (C10)

R.T.: 4.221 min
Delta R.T.: 0.012 min
Response: 2730483
Conc: 22.91 ug/ml



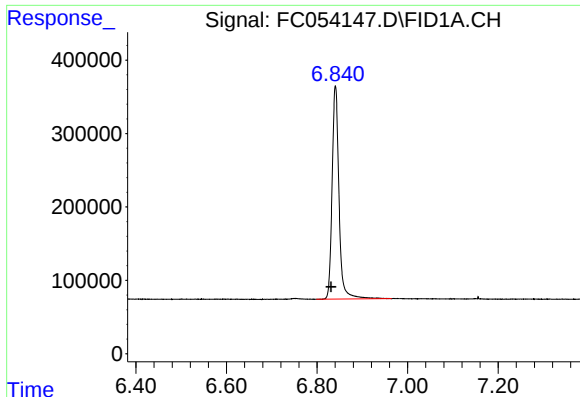
#3 A~Naphthalene (C11.7)

R.T.: 5.788 min
Delta R.T.: 0.010 min
Response: 3017488
Conc: 23.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.229 min
Delta R.T.: 0.010 min
Response: 2801787
Conc: 22.82 ug/ml



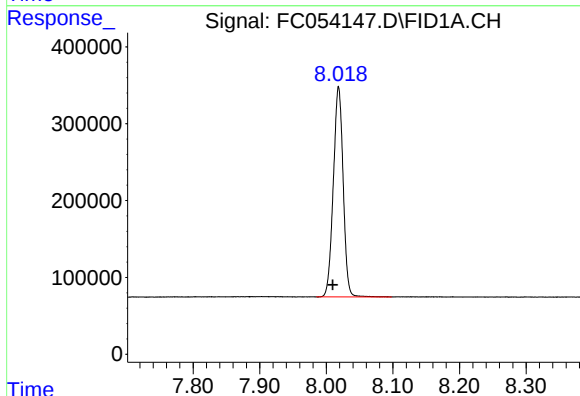
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: 0.010 min
Response: 3069021
Conc: 22.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

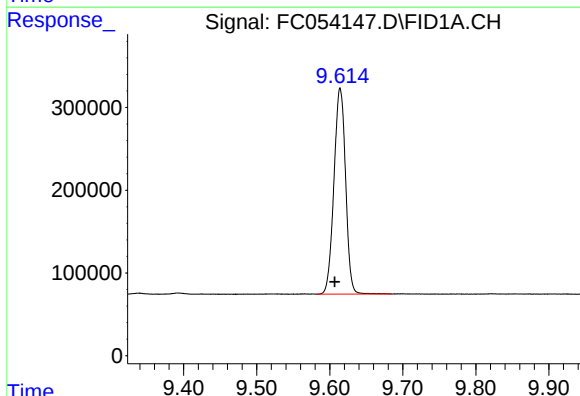
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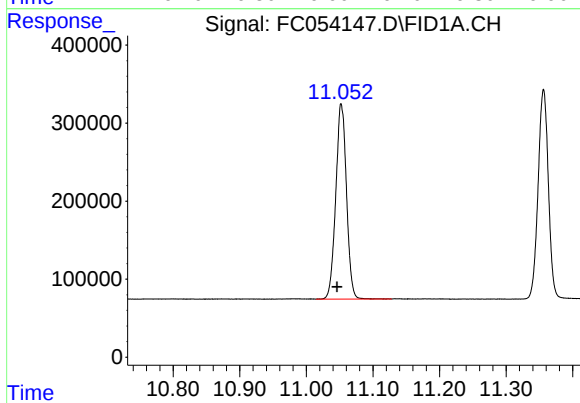
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: 0.009 min
Response: 2810275
Conc: 22.66 ug/ml



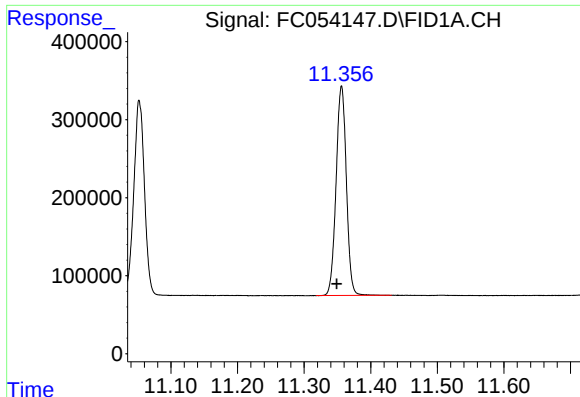
#7 n-Hexadecane (C16)

R.T.: 9.614 min
Delta R.T.: 0.008 min
Response: 2752357
Conc: 22.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: 0.007 min
Response: 2796232
Conc: 21.23 ug/ml



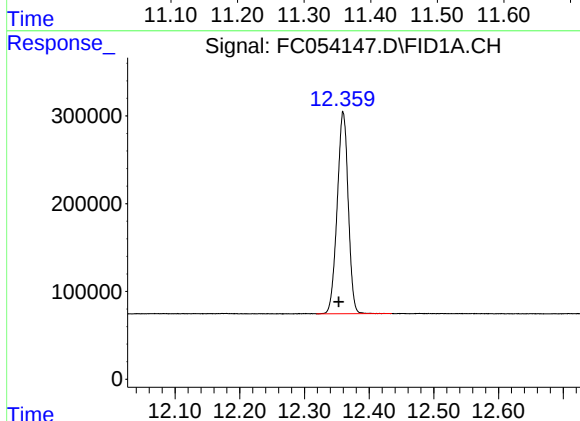
#9 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.007 min
Response: 2882854
Conc: 20.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

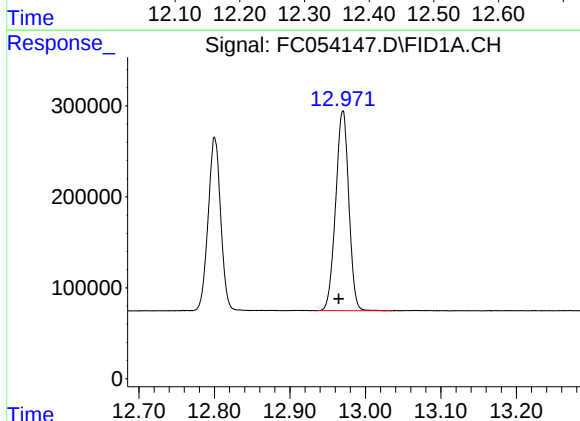
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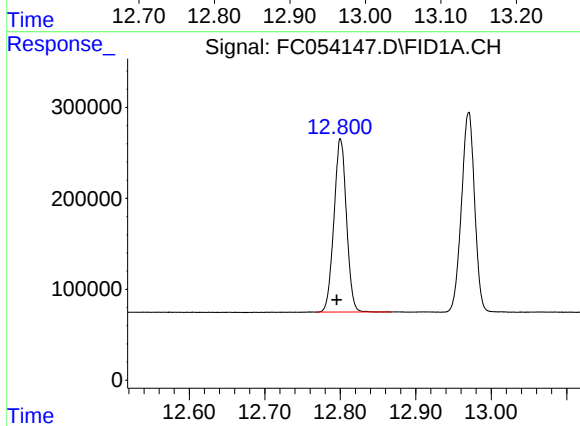
#10 n-Eicosane (C20)

R.T.: 12.360 min
Delta R.T.: 0.007 min
Response: 2724475
Conc: 20.33 ug/ml



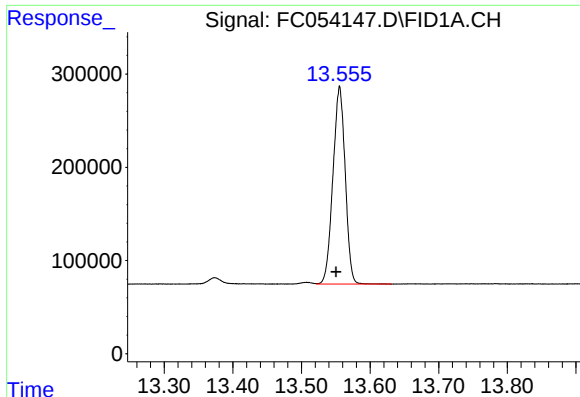
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: 0.005 min
Response: 2667541
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.800 min
Delta R.T.: 0.005 min
Response: 2201561
Conc: 19.64 ug/ml



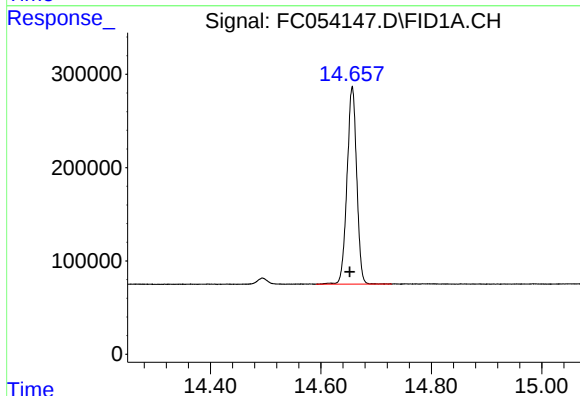
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: 0.005 min
Response: 2629835
Conc: 19.57 ug/ml

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20 PPM ALIPHATIC HC STD

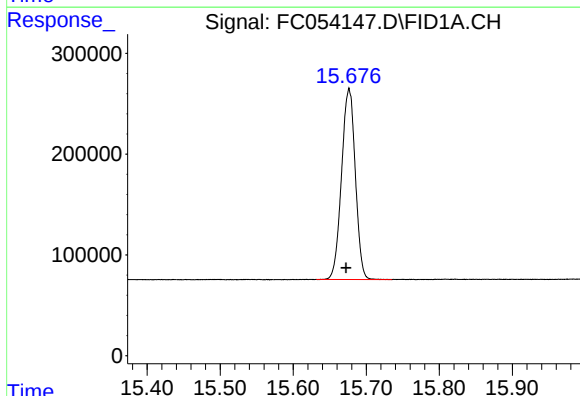
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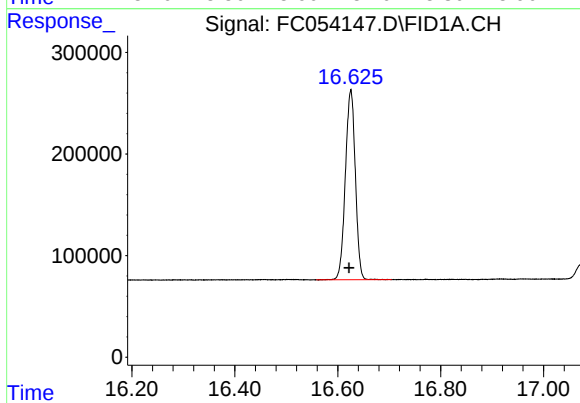
#14 n-Tetracosane (C24)

R.T.: 14.657 min
Delta R.T.: 0.005 min
Response: 2566378
Conc: 19.11 ug/ml



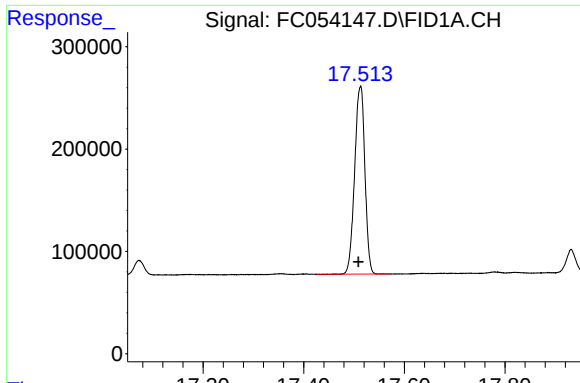
#15 n-Hexacosane (C26)

R.T.: 15.676 min
Delta R.T.: 0.004 min
Response: 2479784
Conc: 18.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: 0.003 min
Response: 2506814
Conc: 18.99 ug/ml



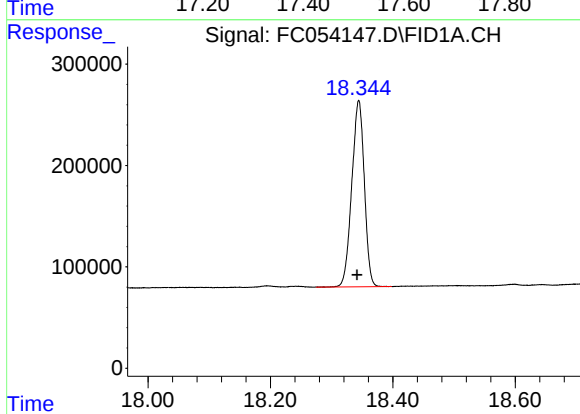
#17 n-Tricontane (C30)

R.T.: 17.512 min
Delta R.T.: 0.003 min
Response: 2594786
Conc: 19.79 ug/ml

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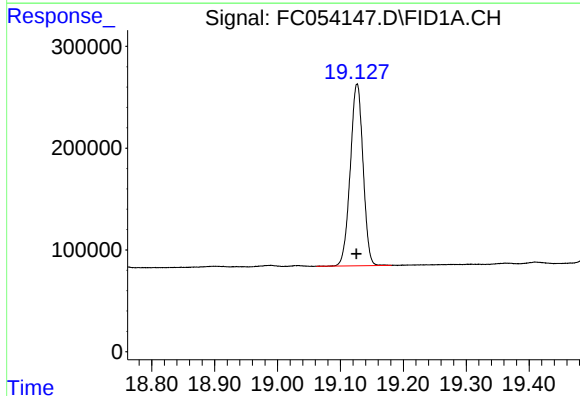
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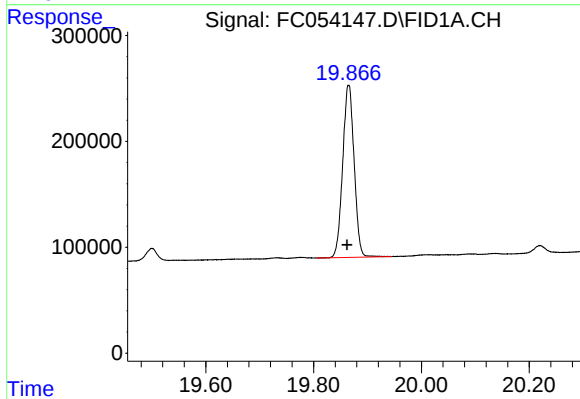
#18 n-Dotriacontane (C32)

R.T.: 18.344 min
Delta R.T.: 0.003 min
Response: 2614039
Conc: 20.26 ug/ml



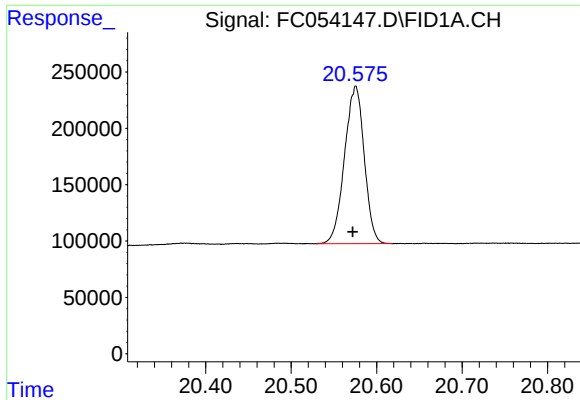
#19 n-Tetratriacontane (C34)

R.T.: 19.126 min
Delta R.T.: 0.000 min
Response: 2523291
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.865 min
Delta R.T.: 0.003 min
Response: 2395721
Conc: 21.22 ug/ml



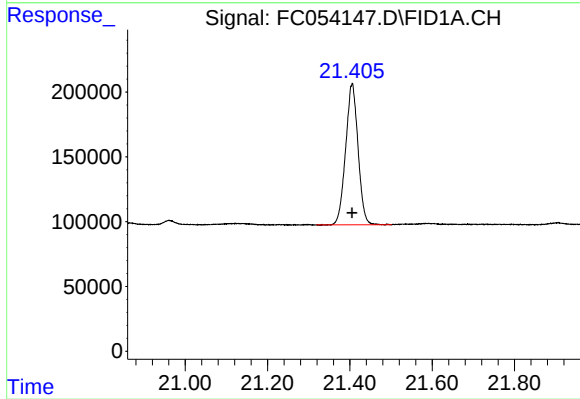
#21 n-Octatriacontane (C38)

R.T.: 20.575 min
Delta R.T.: 0.003 min
Response: 2236382
Conc: 22.18 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.405 min
Delta R.T.: 0.000 min
Response: 2275688
Conc: 22.55 ug/ml