

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062921AL\
 Data File : FC054526.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jun 2021 13:22
 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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 7/1/2021 12:03:30 PM

Integration File: sample.E
 Quant Time: Jul 01 01:56:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.335	2922229	20.641 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
12) S 1-chlorooctadecane (S...	12.779	2272872	20.389 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.149	2484125	21.124 ug/ml
2) T n-Decane (C10)	4.203	2571686	21.658 ug/ml
3) T A~Naphthalene (C11.7)	5.769	2828730	21.516 ug/ml
4) T n-Dodecane (C12)	6.210	2644095	22.061 ug/ml
5) T A~2-methylnaphthalene...	6.822	2889181	21.884 ug/ml
6) T n-Tetradecane (C14)	7.998	2706160	22.211 ug/ml
7) T n-Hexadecane (C16)	9.594	2735086	21.958 ug/ml
8) T n-Octadecane (C18)	11.032	2783915	21.554 ug/ml
10) T n-Eicosane (C20)	12.338	2728395	20.968 ug/ml
11) T n-Heneicosane (C21)	12.948	2717081	20.465 ug/ml
13) T n-Docosane (C22)	13.533	2664964	20.116 ug/ml
14) T n-Tetracosane (C24)	14.634	2645687	19.544 ug/ml
15) T n-Hexacosane (C26)	15.653	2469059	18.221 ug/ml
16) T n-Octacosane (C28)	16.601	2391972	17.427 ug/ml
17) T n-Tricontane (C30)	17.487	2318309	16.738 ug/ml
18) T n-Dotriacontane (C32)	18.319	2230486	16.303 ug/ml
19) T n-Tetratriacontane (C34)	19.101	2214503	16.390 ug/ml
20) T n-Hexatriacontane (C36)	19.841	2133736	17.286 ug/mlm
21) T n-Octatriacontane (C38)	20.546	2143336	18.948 ug/mlm
22) T n-Tetracontane (C40)	21.370	2205249	19.511 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

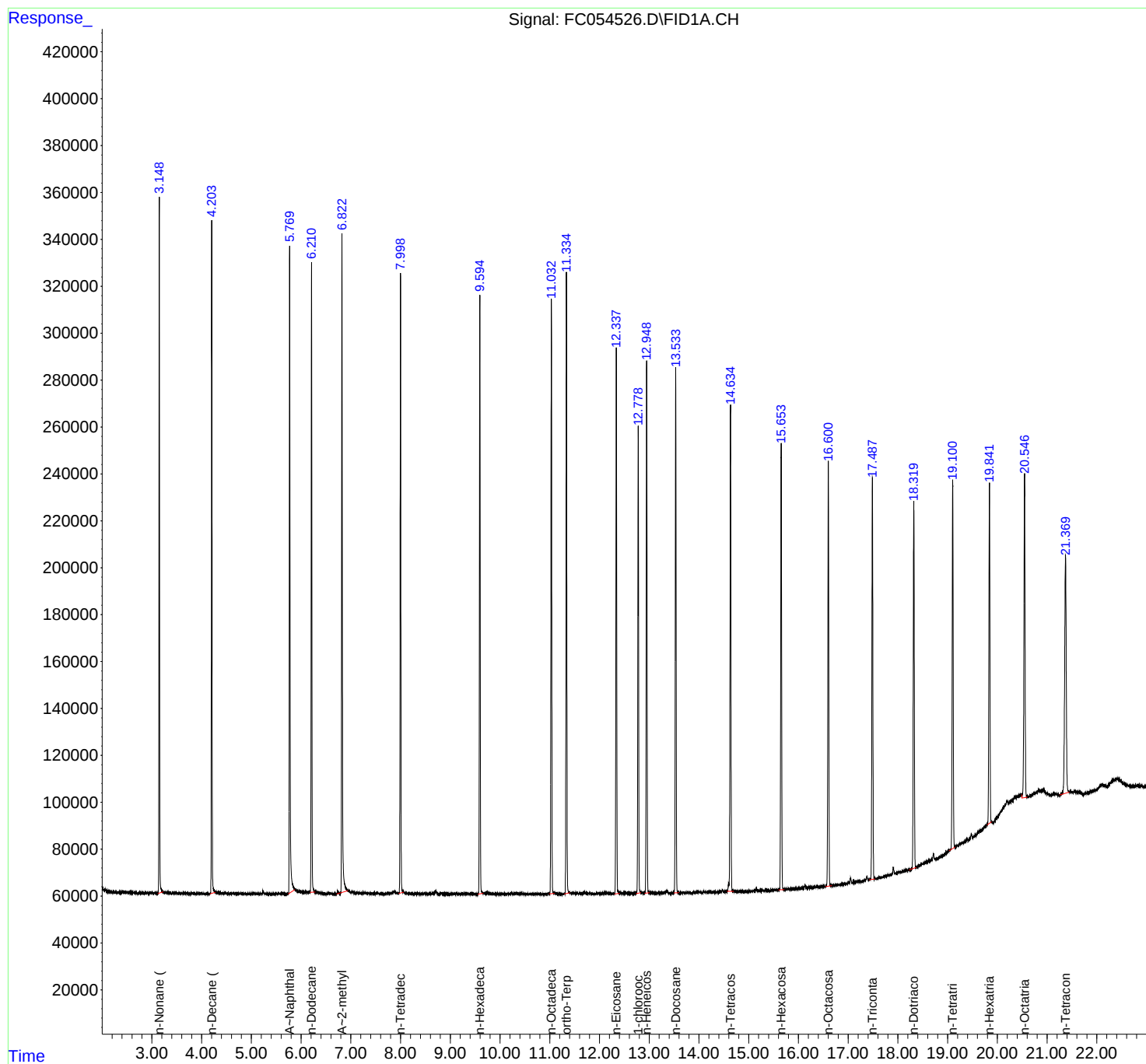
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

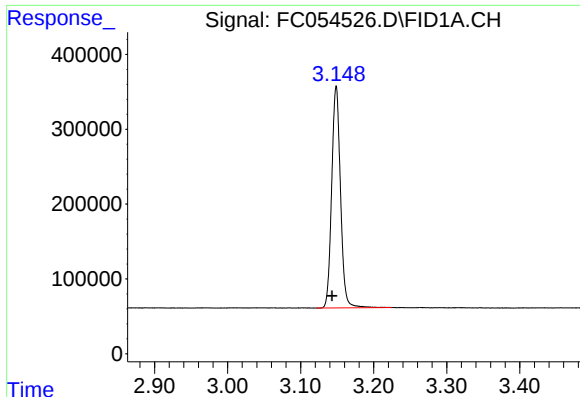
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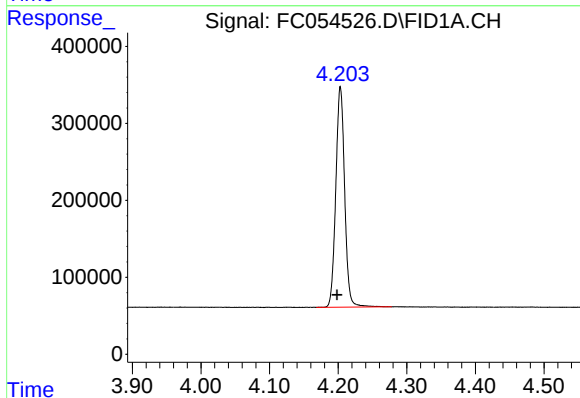
#1 n-Nonane (C9)

R.T.: 3.149 min
Delta R.T.: 0.006 min
Response: 2484125
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

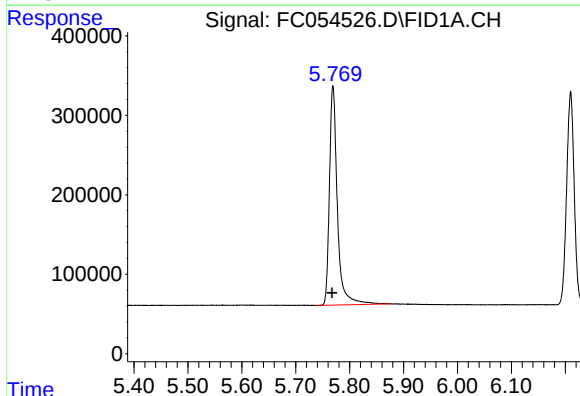
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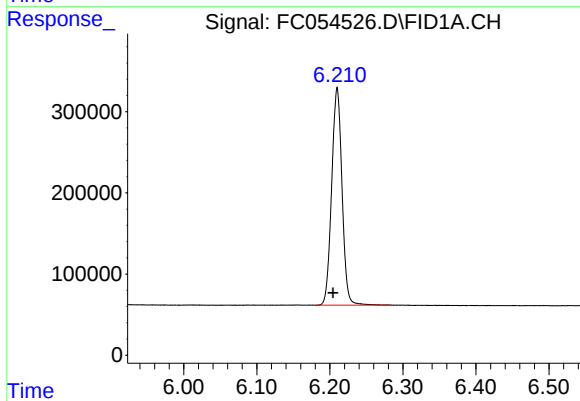
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: 0.005 min
Response: 2571686
Conc: 21.66 ug/ml



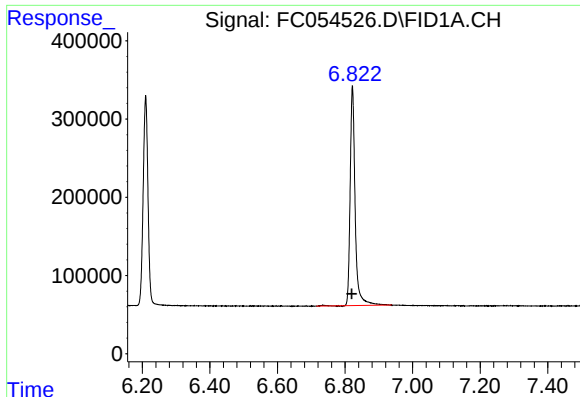
#3 A~Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 2828730
Conc: 21.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.210 min
Delta R.T.: 0.005 min
Response: 2644095
Conc: 22.06 ug/ml



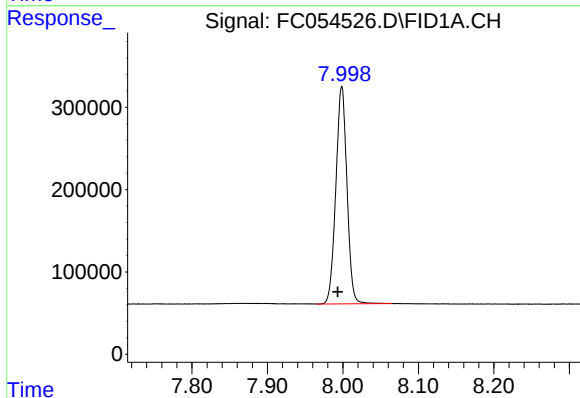
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: 0.003 min
Response: 2889181
Conc: 21.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

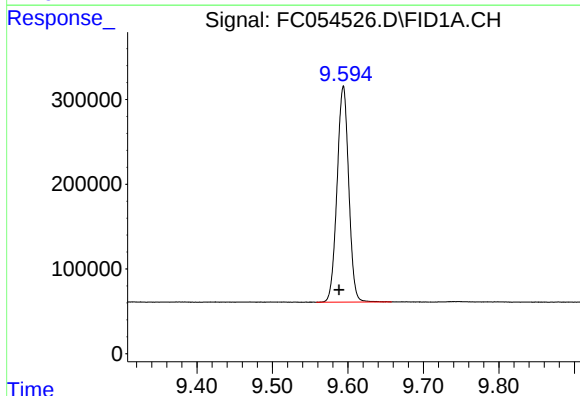
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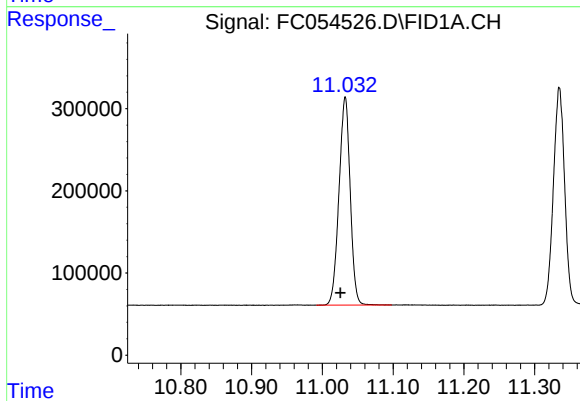
#6 n-Tetradecane (C14)

R.T.: 7.998 min
Delta R.T.: 0.005 min
Response: 2706160
Conc: 22.21 ug/ml



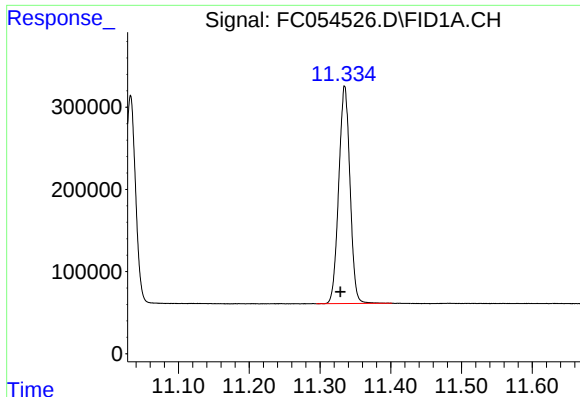
#7 n-Hexadecane (C16)

R.T.: 9.594 min
Delta R.T.: 0.005 min
Response: 2735086
Conc: 21.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.032 min
Delta R.T.: 0.006 min
Response: 2783915
Conc: 21.55 ug/ml



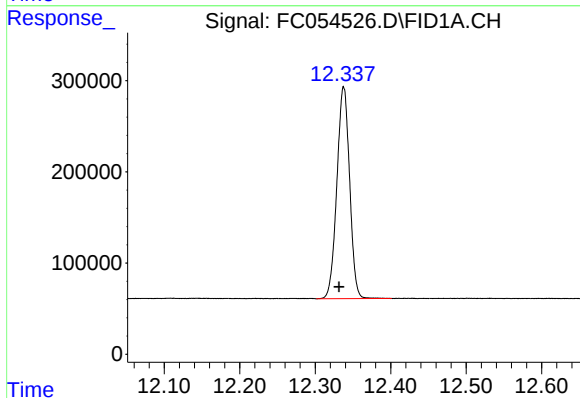
#9 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: 0.006 min
Response: 2922229
Conc: 20.64 ug/ml

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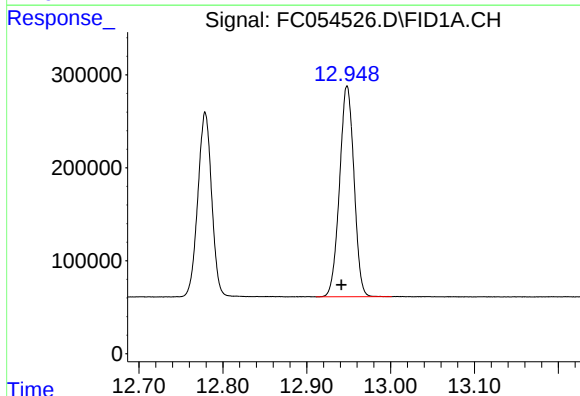
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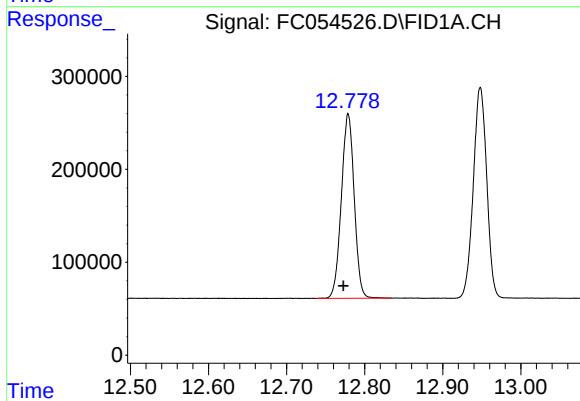
#10 n-Eicosane (C20)

R.T.: 12.338 min
Delta R.T.: 0.006 min
Response: 2728395
Conc: 20.97 ug/ml



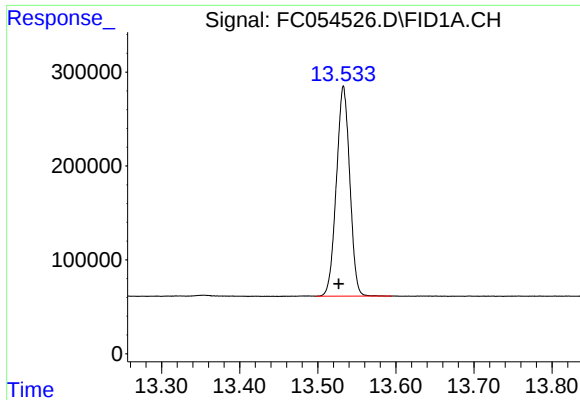
#11 n-Heneicosane (C21)

R.T.: 12.948 min
Delta R.T.: 0.007 min
Response: 2717081
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.779 min
Delta R.T.: 0.006 min
Response: 2272872
Conc: 20.39 ug/ml



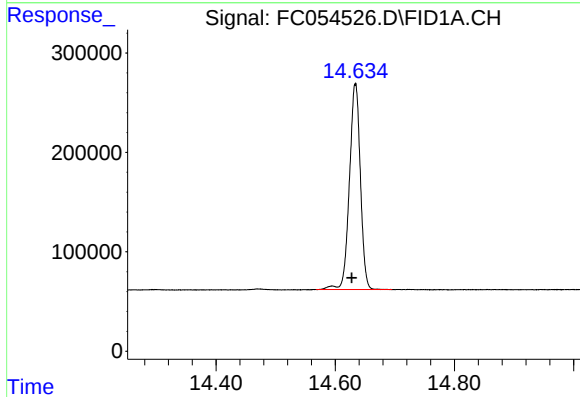
#13 n-Docosane (C22)

R.T.: 13.533 min
Delta R.T.: 0.006 min
Response: 2664964
Conc: 20.12 ug/ml

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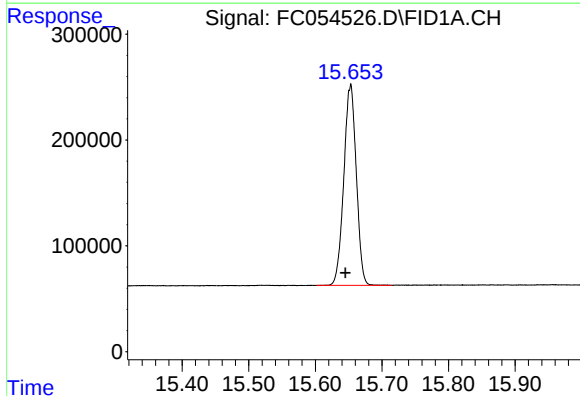
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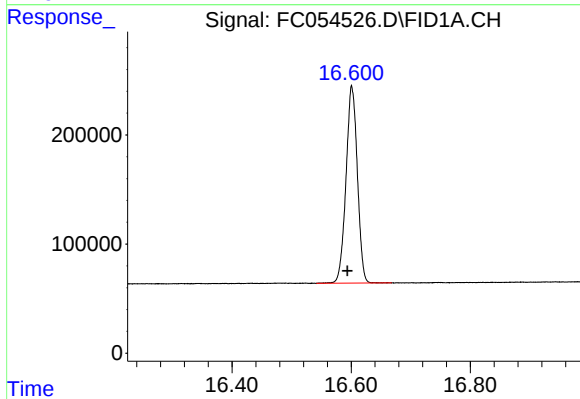
#14 n-Tetracosane (C24)

R.T.: 14.634 min
Delta R.T.: 0.006 min
Response: 2645687
Conc: 19.54 ug/ml



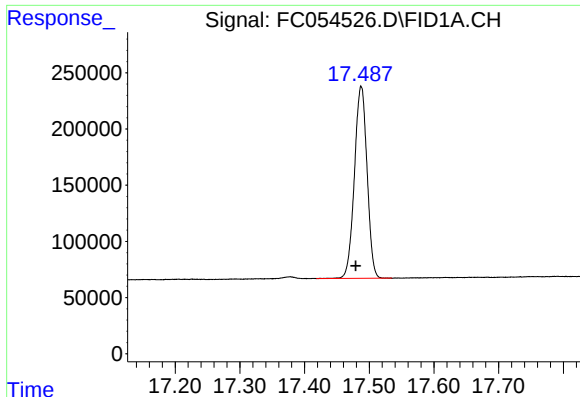
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: 0.007 min
Response: 2469059
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.601 min
Delta R.T.: 0.008 min
Response: 2391972
Conc: 17.43 ug/ml



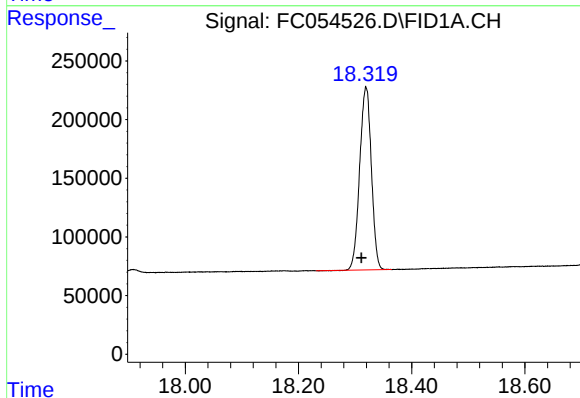
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: 0.008 min
Response: 2318309
Conc: 16.74 ug/ml

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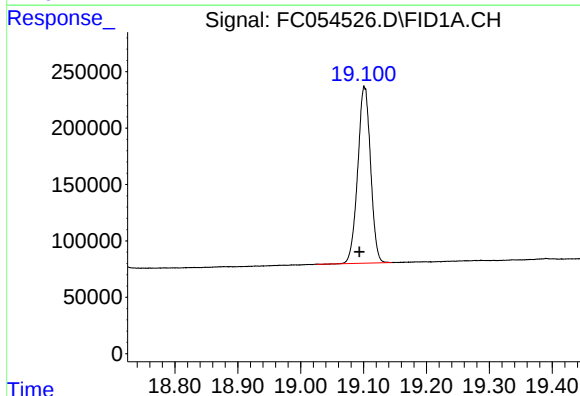
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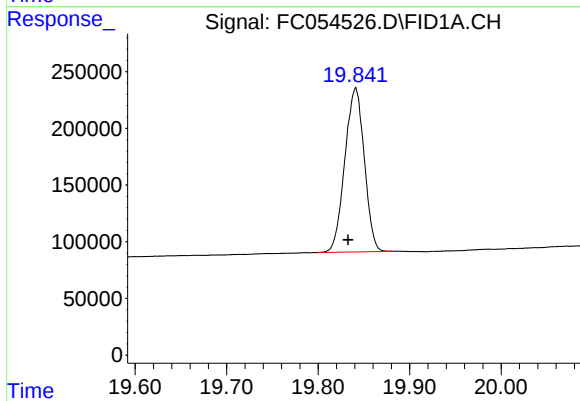
#18 n-Dotriacontane (C32)

R.T.: 18.319 min
Delta R.T.: 0.008 min
Response: 2230486
Conc: 16.30 ug/ml



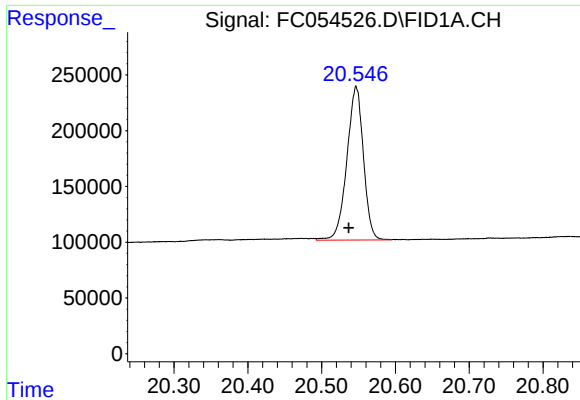
#19 n-Tetratriacontane (C34)

R.T.: 19.101 min
Delta R.T.: 0.008 min
Response: 2214503
Conc: 16.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.841 min
Delta R.T.: 0.008 min
Response: 2133736
Conc: 17.29 ug/ml m



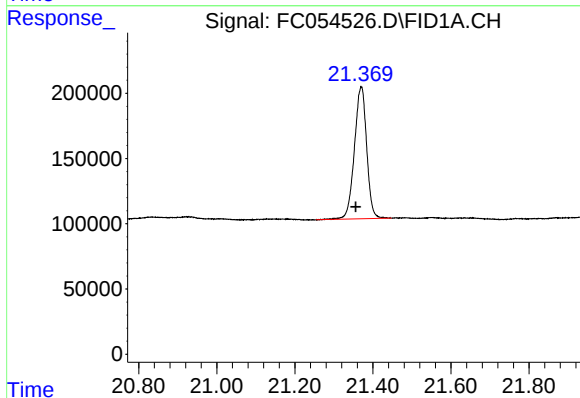
#21 n-Octatriacontane (C38)

R.T.: 20.546 min
Delta R.T.: 0.009 min
Response: 2143336
Conc: 18.95 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.370 min
Delta R.T.: 0.014 min
Response: 2205249
Conc: 19.51 ug/ml