

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062221AL\
 Data File : FC054365.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jun 2021 10:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 23 00:56:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
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Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.342	2752435	18.125 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
12) S 1-chlorooctadecane (S...	12.787	2112380	17.932 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T n-Nonane (C9)	3.152	2616826	20.334 ug/ml
2) T n-Decane (C10)	4.207	2649895	20.672 ug/ml
3) T A~Naphthalene (C11.7)	5.774	2899328	20.072 ug/ml
4) T n-Dodecane (C12)	6.215	2663601	20.312 ug/ml
5) T A~2-methylnaphthalene...	6.826	2893557	20.042 ug/ml
6) T n-Tetradecane (C14)	8.004	2676173	20.185 ug/ml
7) T n-Hexadecane (C16)	9.600	2666970	19.716 ug/ml
8) T n-Octadecane (C18)	11.039	2655475	19.026 ug/ml
10) T n-Eicosane (C20)	12.344	2553068	18.388 ug/ml
11) T n-Heneicosane (C21)	12.956	2526426	18.086 ug/ml
13) T n-Docosane (C22)	13.541	2471309	17.860 ug/ml
14) T n-Tetracosane (C24)	14.642	2381228	17.291 ug/ml
15) T n-Hexacosane (C26)	15.661	2274373	16.885 ug/ml
16) T n-Octacosane (C28)	16.609	2221091	16.762 ug/ml
17) T n-Tricontane (C30)	17.496	2202134	17.133 ug/ml
18) T n-Dotriacontane (C32)	18.328	2161825	17.570 ug/ml
19) T n-Tetratriacontane (C34)	19.110	2159394	18.459 ug/mlm
20) T n-Hexatriacontane (C36)	19.849	2107794	19.096 ug/ml
21) T n-Octatriacontane (C38)	20.555	2066994	20.220 ug/mlm
22) T n-Tetracontane (C40)	21.382	2122663	19.838 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

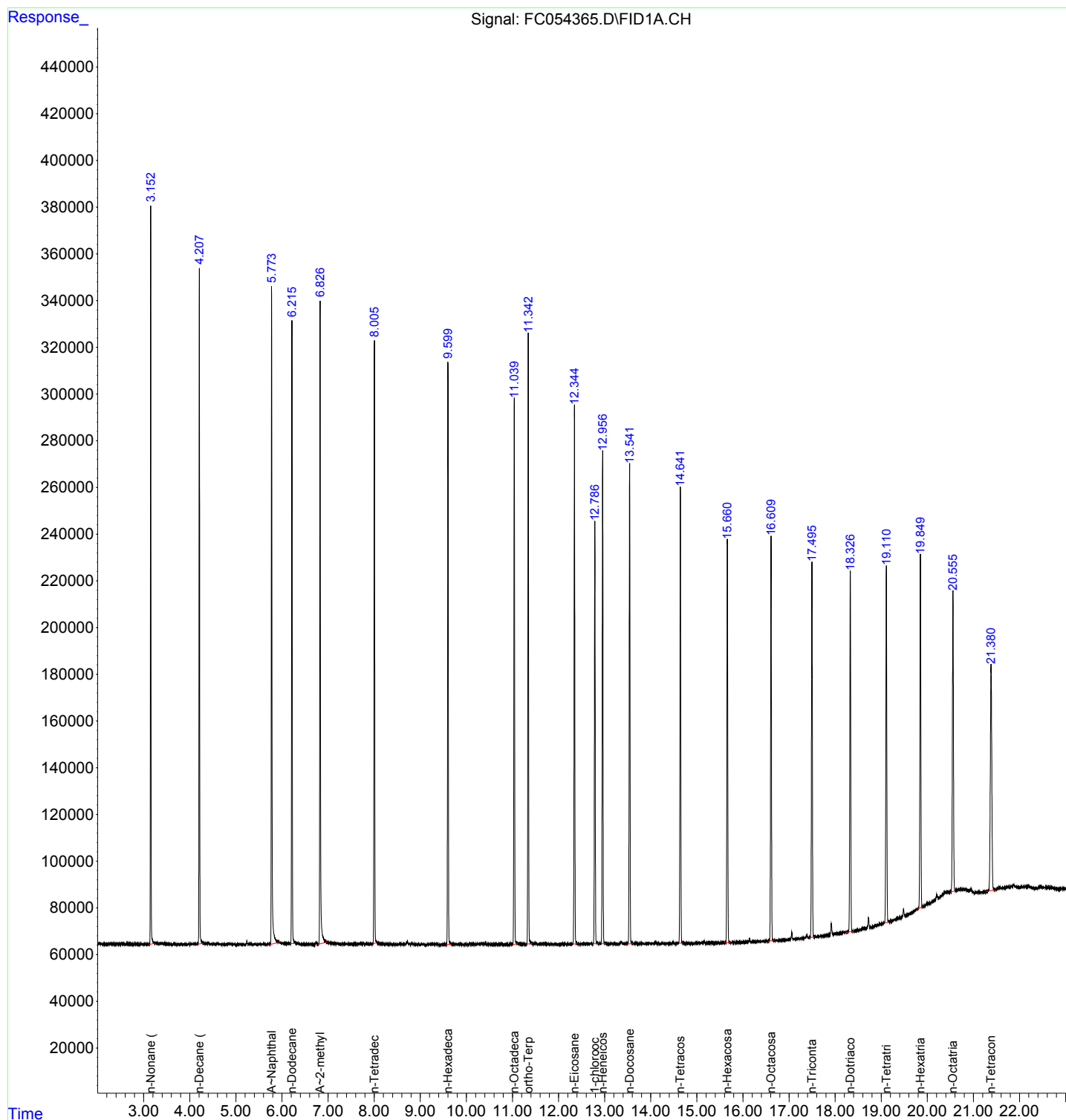
Integration File: autoint1.e
Quant Time: Jun 23 00:56:53 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061021.M
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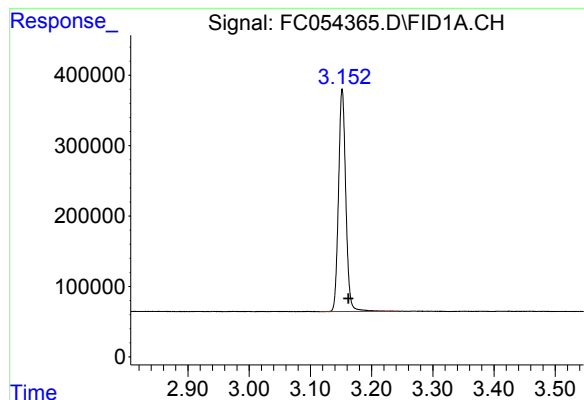
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





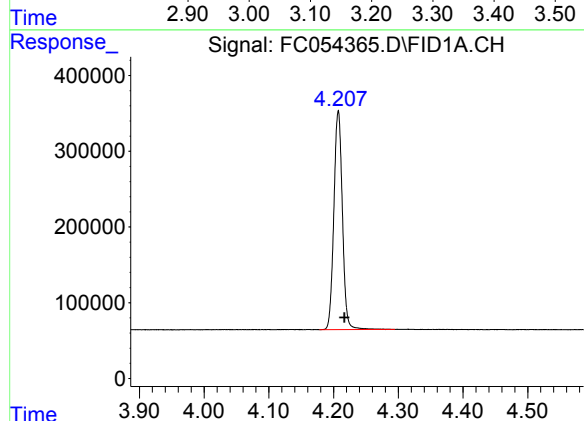
#1 n-Nonane (C9)

R.T.: 3.152 min
Delta R.T.: -0.010 min
Response: 2616826
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

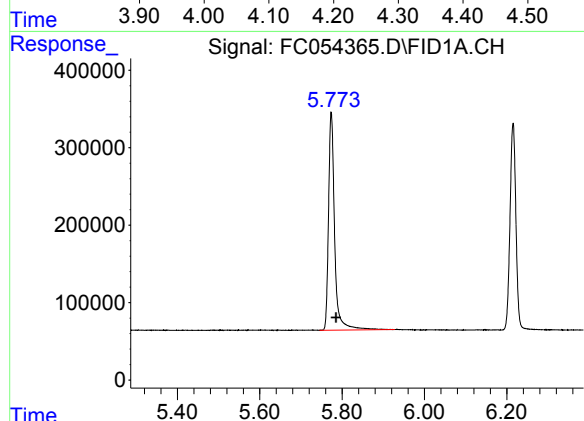
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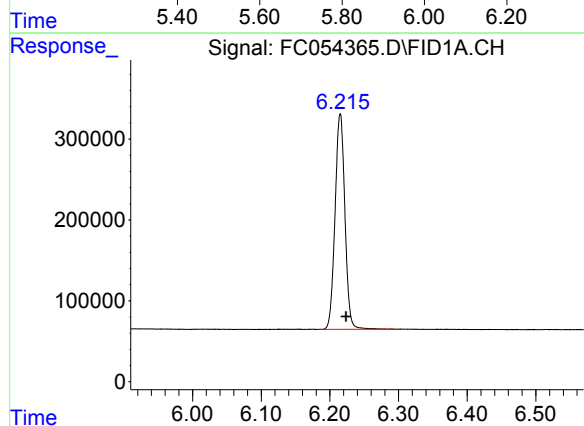
#2 n-Decane (C10)

R.T.: 4.207 min
Delta R.T.: -0.010 min
Response: 2649895
Conc: 20.67 ug/ml



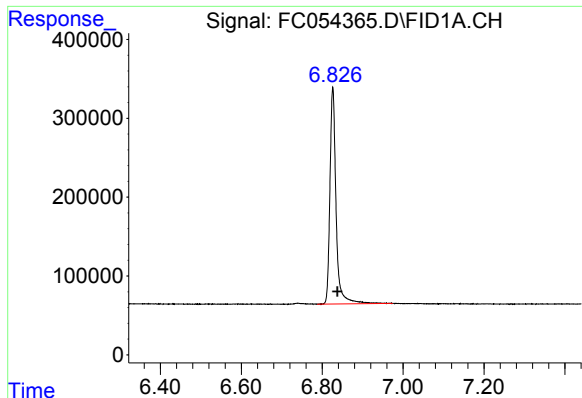
#3 A~Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: -0.011 min
Response: 2899328
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.215 min
Delta R.T.: -0.009 min
Response: 2663601
Conc: 20.31 ug/ml



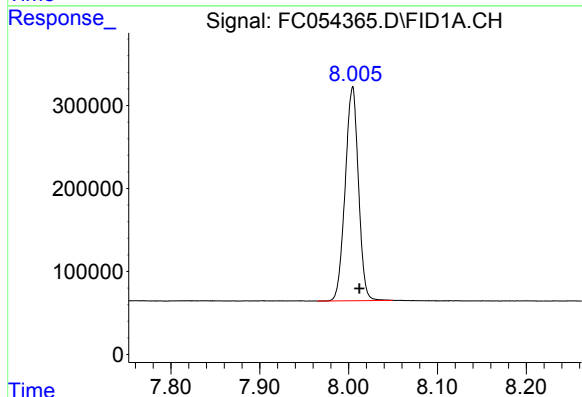
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.826 min
Delta R.T.: -0.011 min
Response: 2893557
Conc: 20.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

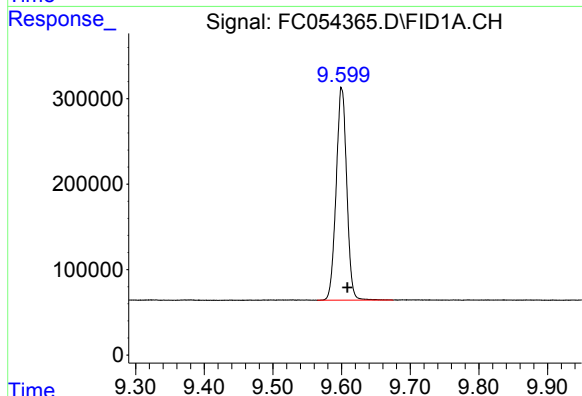
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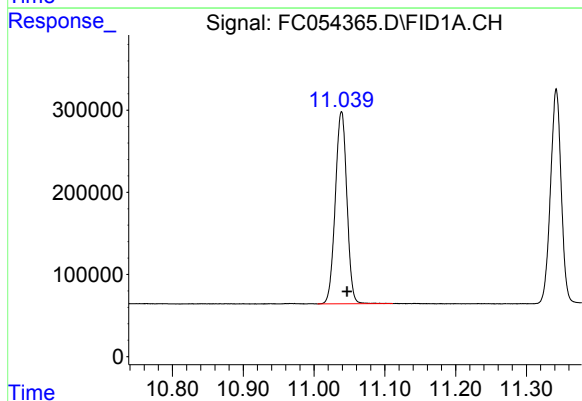
#6 n-Tetradecane (C14)

R.T.: 8.004 min
Delta R.T.: -0.008 min
Response: 2676173
Conc: 20.19 ug/ml



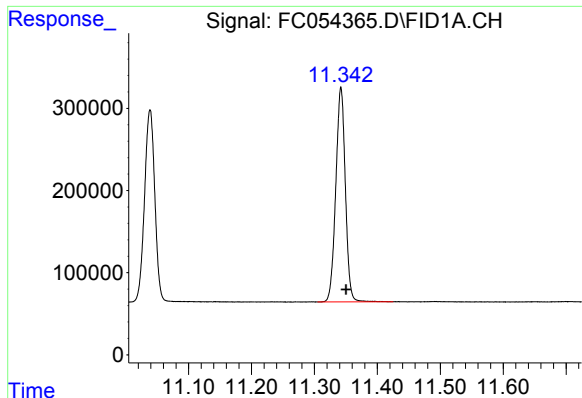
#7 n-Hexadecane (C16)

R.T.: 9.600 min
Delta R.T.: -0.008 min
Response: 2666970
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.039 min
Delta R.T.: -0.008 min
Response: 2655475
Conc: 19.03 ug/ml



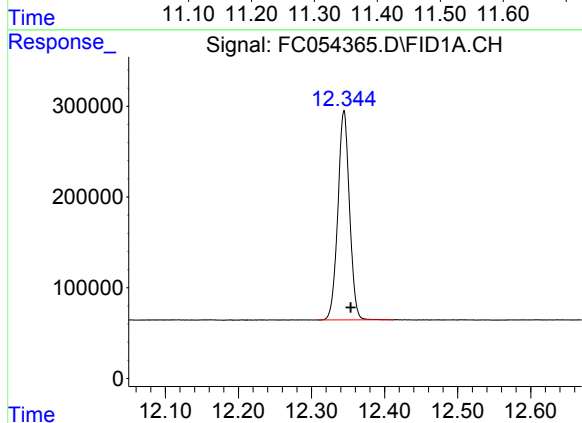
#9 ortho-Terphenyl (SURR)

R.T.: 11.342 min
Delta R.T.: -0.008 min
Response: 2752435
Conc: 18.12 ug/ml

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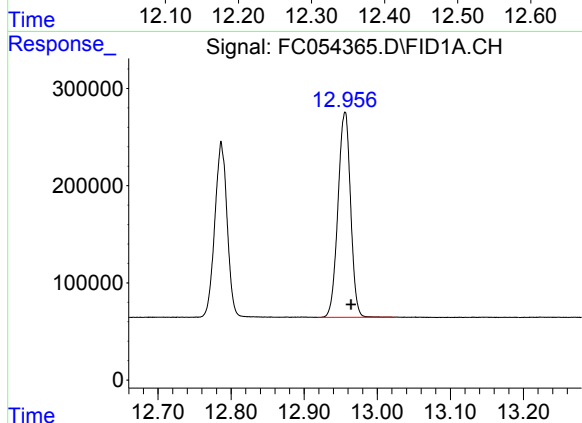
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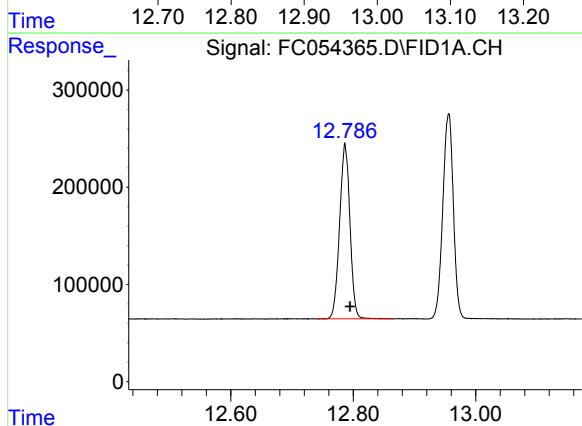
#10 n-Eicosane (C20)

R.T.: 12.344 min
Delta R.T.: -0.009 min
Response: 2553068
Conc: 18.39 ug/ml



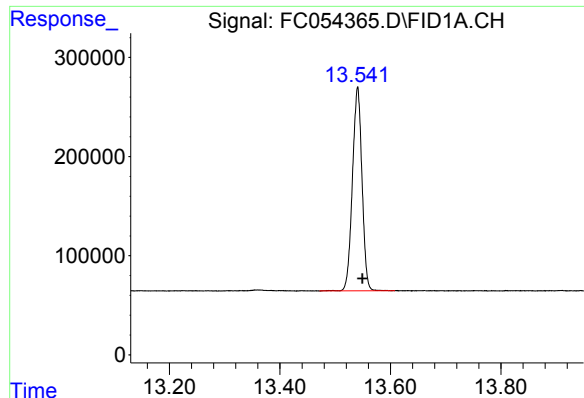
#11 n-Heneicosane (C21)

R.T.: 12.956 min
Delta R.T.: -0.009 min
Response: 2526426
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.787 min
Delta R.T.: -0.008 min
Response: 2112380
Conc: 17.93 ug/ml



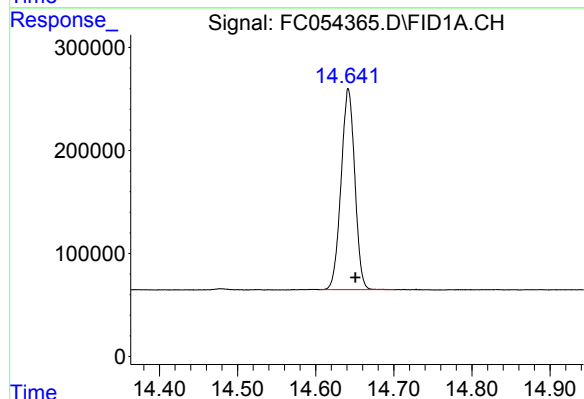
#13 n-Docosane (C22)

R.T.: 13.541 min
Delta R.T.: -0.009 min
Response: 2471309
Conc: 17.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

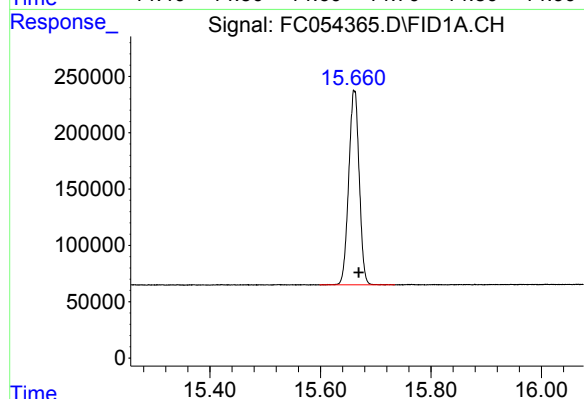
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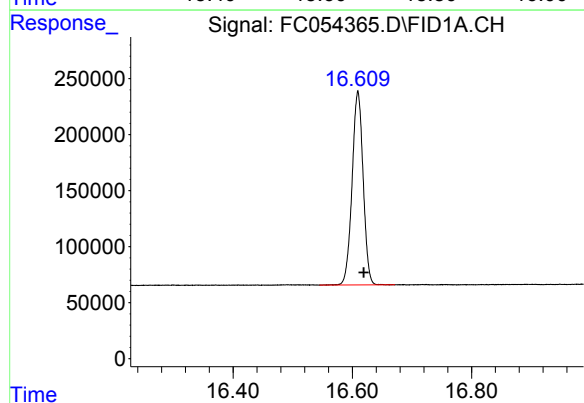
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: -0.009 min
Response: 2381228
Conc: 17.29 ug/ml



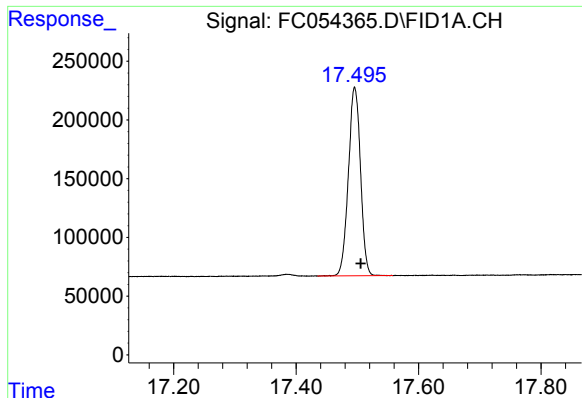
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: -0.008 min
Response: 2274373
Conc: 16.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.609 min
Delta R.T.: -0.010 min
Response: 2221091
Conc: 16.76 ug/ml



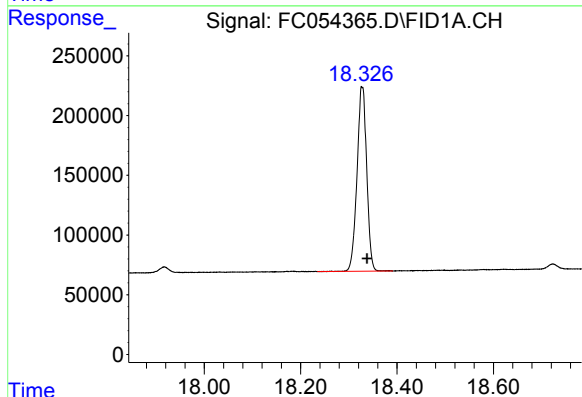
#17 n-Tricontane (C30)

R.T.: 17.496 min
Delta R.T.: -0.010 min
Response: 2202134
Conc: 17.13 ug/ml

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20 PPM ALIPHATIC HC STD

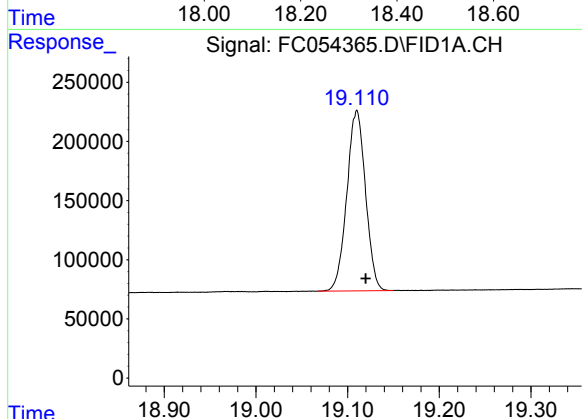
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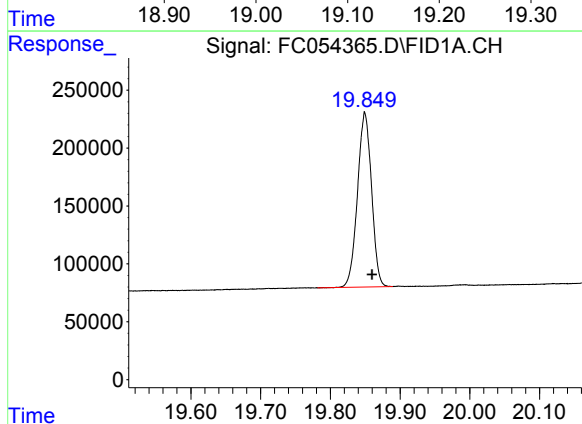
#18 n-Dotriacontane (C32)

R.T.: 18.328 min
Delta R.T.: -0.010 min
Response: 2161825
Conc: 17.57 ug/ml



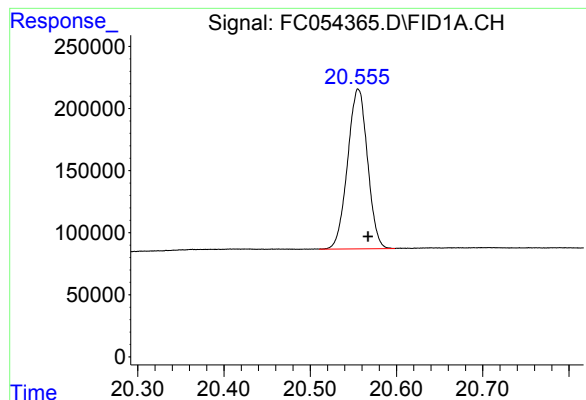
#19 n-Tetratriacontane (C34)

R.T.: 19.110 min
Delta R.T.: -0.010 min
Response: 2159394
Conc: 18.46 ug/ml m



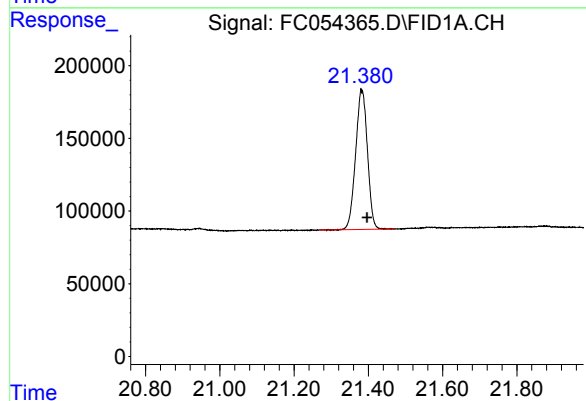
#20 n-Hexatriacontane (C36)

R.T.: 19.849 min
Delta R.T.: -0.010 min
Response: 2107794
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.555 min
Delta R.T.: -0.012 min
Response: 2066994
Conc: 20.22 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.382 min
Delta R.T.: -0.014 min
Response: 2122663
Conc: 19.84 ug/ml

Instrument :
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