

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F062221AL\
 Data File : F054385.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jun 2021 5:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 23 06:10:29 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)	11.341	2653415	17.473 ug/ml
Spiked Amount 50.000		Recovery =	34.95%
12) S 1-chlorooctadecane (S...	12.785	2020101	17.149 ug/ml
Spiked Amount 50.000		Recovery =	34.30%
Target Compounds			
1) T n-Nonane (C9)	3.151	2646305	20.563 ug/ml
2) T n-Decane (C10)	4.205	2688191	20.971 ug/ml
3) T A~Naphthalene (C11.7)	5.773	2883740	19.964 ug/ml
4) T n-Dodecane (C12)	6.214	2688943	20.506 ug/ml
5) T A~2-methylnaphthalene...	6.825	2866426	19.854 ug/ml
6) T n-Tetradecane (C14)	8.003	2662218	20.080 ug/ml
7) T n-Hexadecane (C16)	9.599	2608276	19.282 ug/ml
8) T n-Octadecane (C18)	11.037	2572688	18.433 ug/ml
10) T n-Eicosane (C20)	12.344	2445273	17.611 ug/ml
11) T n-Heneicosane (C21)	12.955	2416634	17.300 ug/ml
13) T n-Docosane (C22)	13.539	2347506	16.965 ug/ml
14) T n-Tetracosane (C24)	14.640	2285486	16.596 ug/ml
15) T n-Hexacosane (C26)	15.659	2200557	16.337 ug/ml
16) T n-Octacosane (C28)	16.609	2184819	16.488 ug/ml
17) T n-Tricontane (C30)	17.495	2207558	17.175 ug/ml
18) T n-Dotriacontane (C32)	18.327	2201134	17.890 ug/ml
19) T n-Tetratriacontane (C34)	19.109	2214815	18.933 ug/mlm
20) T n-Hexatriacontane (C36)	19.849	2161422	19.582 ug/ml
21) T n-Octatriacontane (C38)	20.553	2123062	20.769 ug/mlm
22) T n-Tetracontane (C40)	21.381	2126512	19.874 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 23 Jun 2021 5:34
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

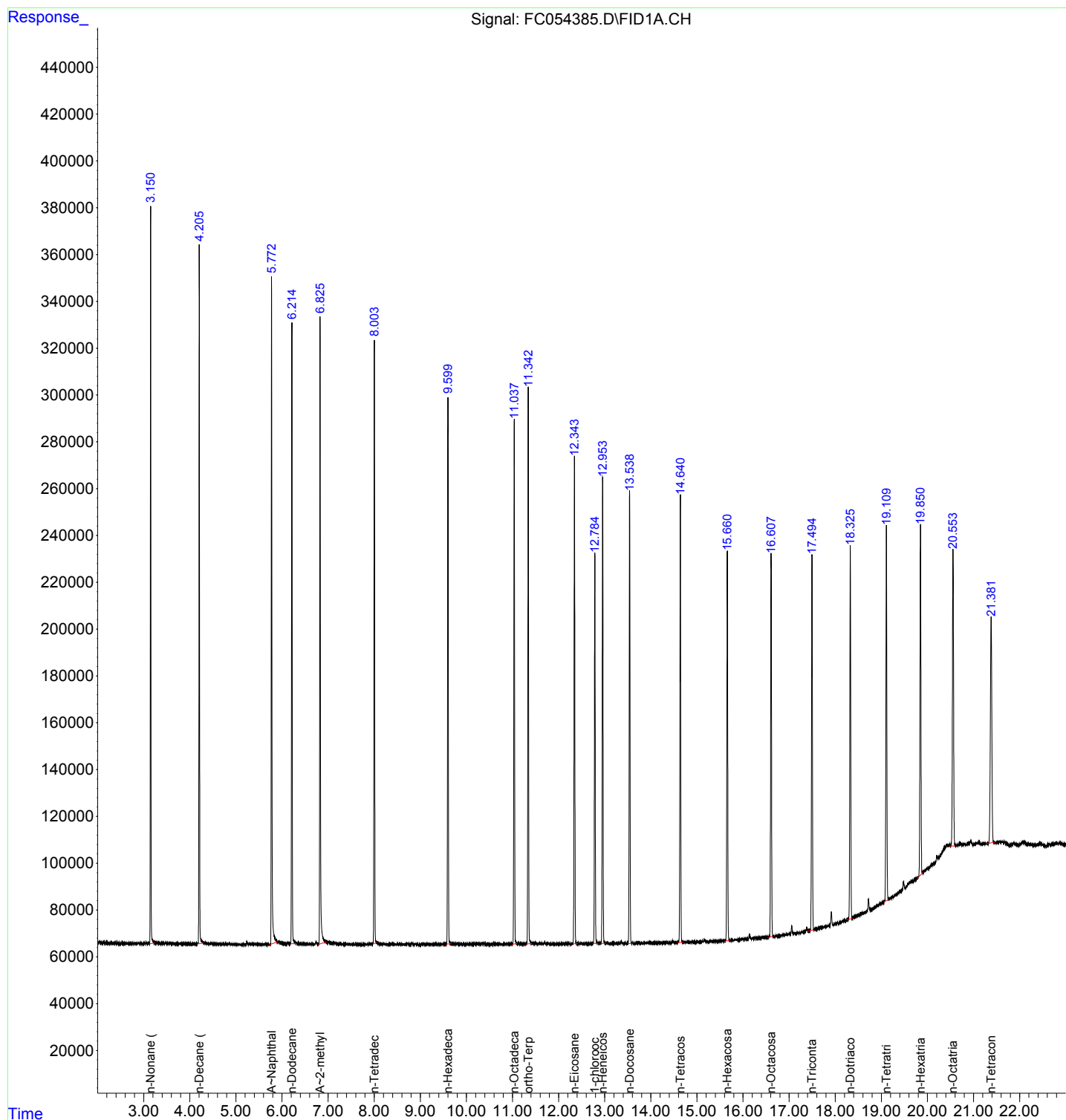
Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061021.M
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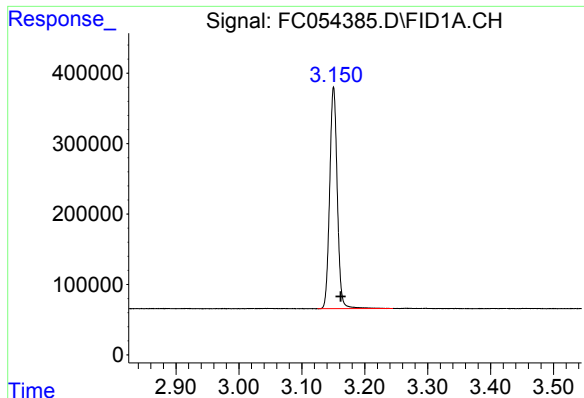
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





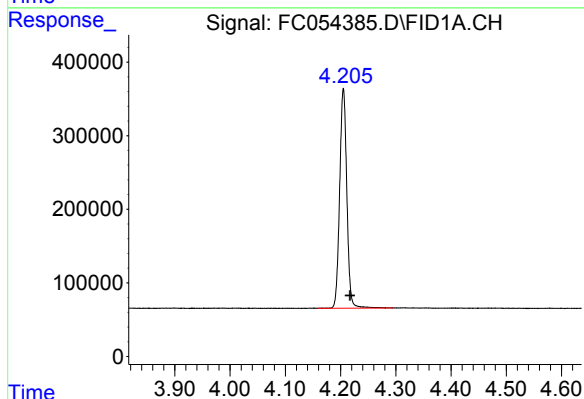
#1 n-Nonane (C9)

R.T.: 3.151 min
Delta R.T.: -0.011 min
Response: 2646305
Conc: 20.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

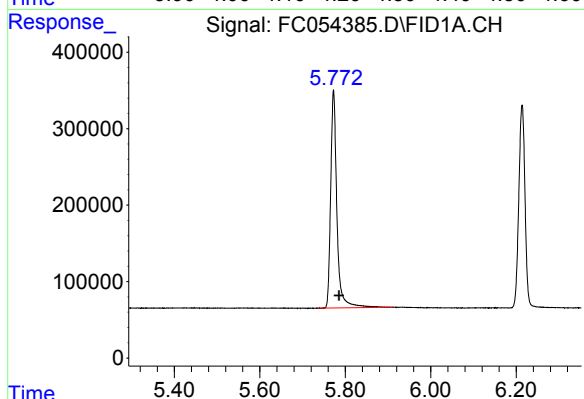
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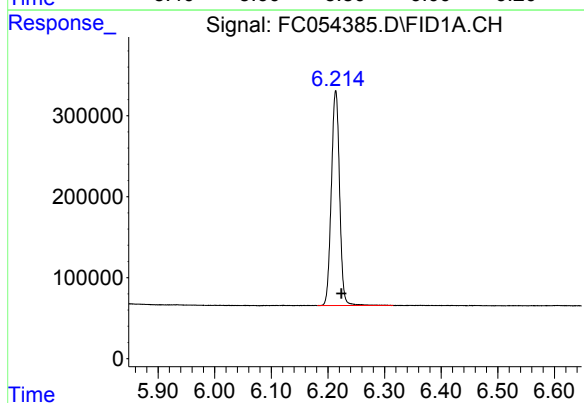
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: -0.012 min
Response: 2688191
Conc: 20.97 ug/ml



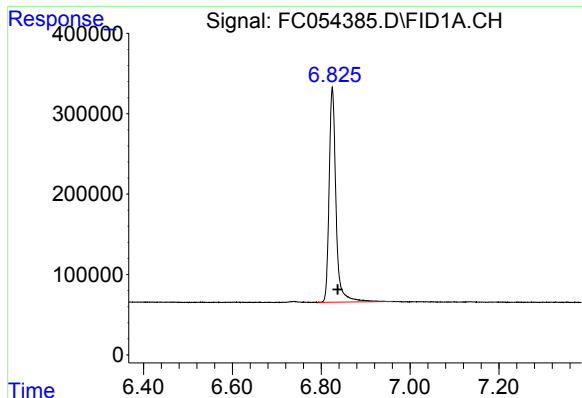
#3 A~Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 2883740
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.214 min
Delta R.T.: -0.010 min
Response: 2688943
Conc: 20.51 ug/ml



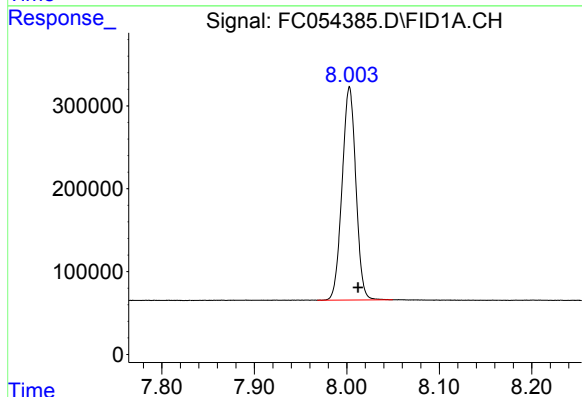
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: -0.012 min
Response: 2866426
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

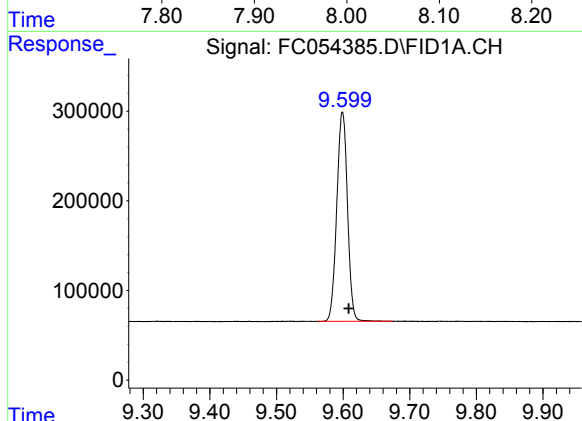
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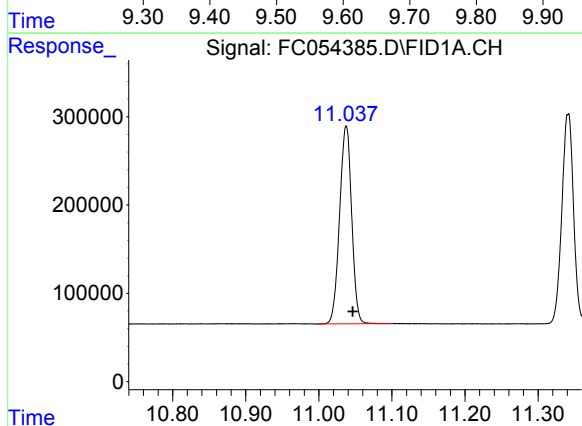
#6 n-Tetradecane (C14)

R.T.: 8.003 min
Delta R.T.: -0.009 min
Response: 2662218
Conc: 20.08 ug/ml



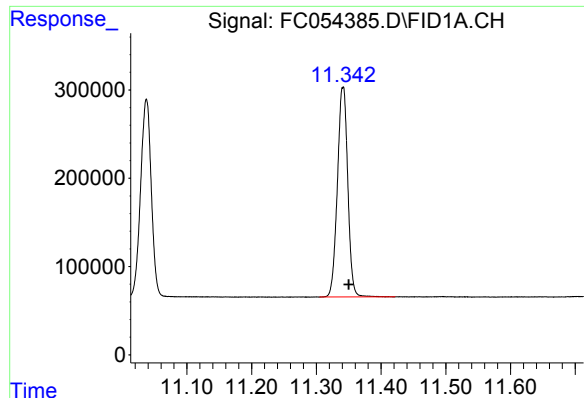
#7 n-Hexadecane (C16)

R.T.: 9.599 min
Delta R.T.: -0.009 min
Response: 2608276
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.037 min
Delta R.T.: -0.009 min
Response: 2572688
Conc: 18.43 ug/ml



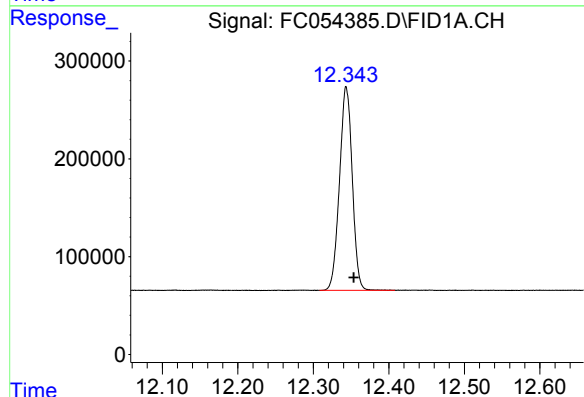
#9 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: -0.009 min
Response: 2653415
Conc: 17.47 ug/ml

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20 PPM ALIPHATIC HC STD

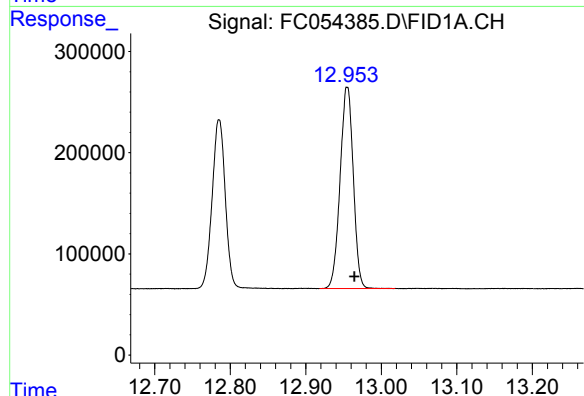
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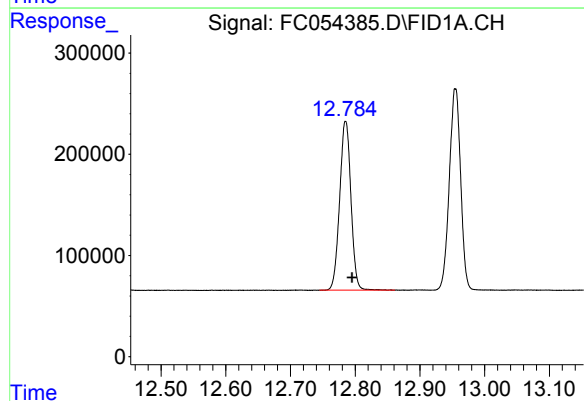
#10 n-Eicosane (C20)

R.T.: 12.344 min
Delta R.T.: -0.010 min
Response: 2445273
Conc: 17.61 ug/ml



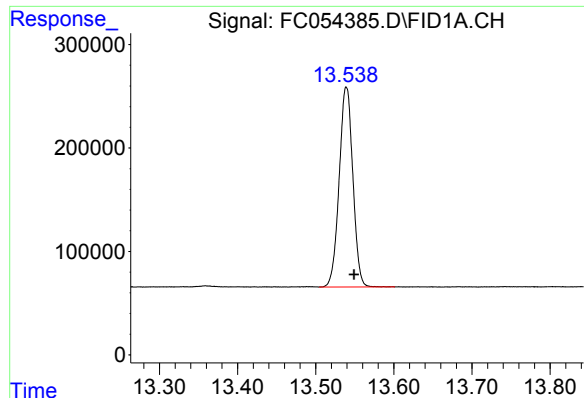
#11 n-Heneicosane (C21)

R.T.: 12.955 min
Delta R.T.: -0.010 min
Response: 2416634
Conc: 17.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.785 min
Delta R.T.: -0.010 min
Response: 2020101
Conc: 17.15 ug/ml



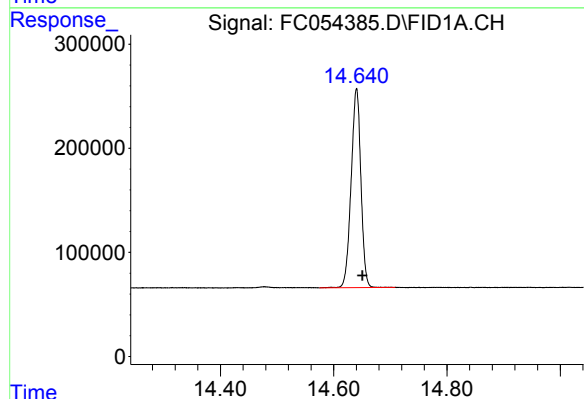
#13 n-Docosane (C22)

R.T.: 13.539 min
Delta R.T.: -0.010 min
Response: 2347506
Conc: 16.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

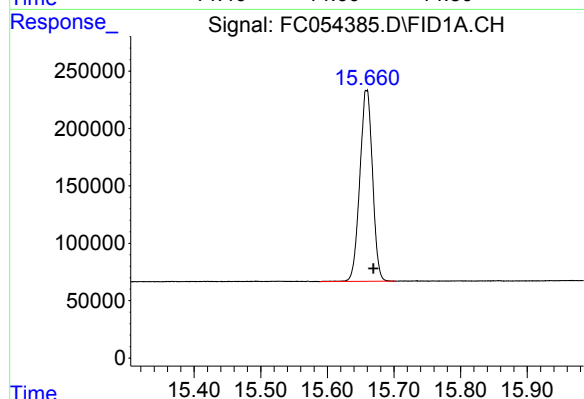
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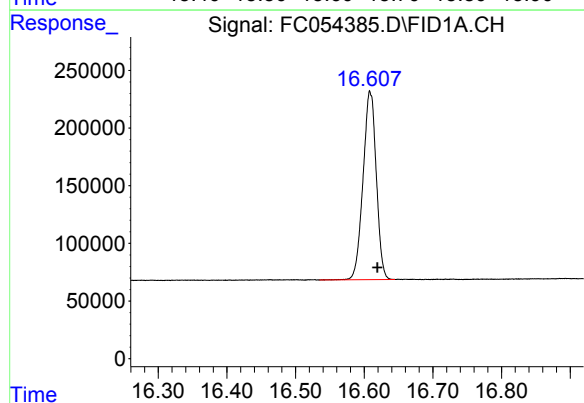
#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: -0.010 min
Response: 2285486
Conc: 16.60 ug/ml



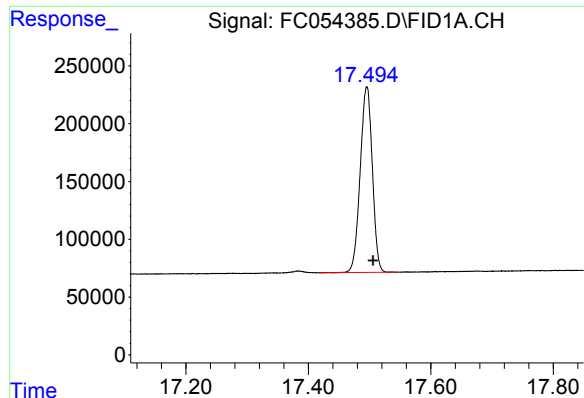
#15 n-Hexacosane (C26)

R.T.: 15.659 min
Delta R.T.: -0.010 min
Response: 2200557
Conc: 16.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.609 min
Delta R.T.: -0.010 min
Response: 2184819
Conc: 16.49 ug/ml



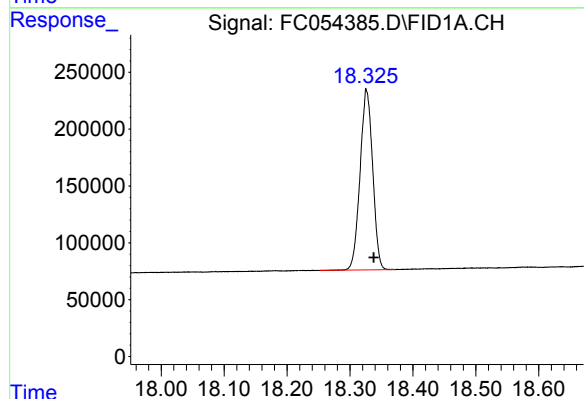
#17 n-Tricontane (C30)

R.T.: 17.495 min
Delta R.T.: -0.010 min
Response: 2207558
Conc: 17.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

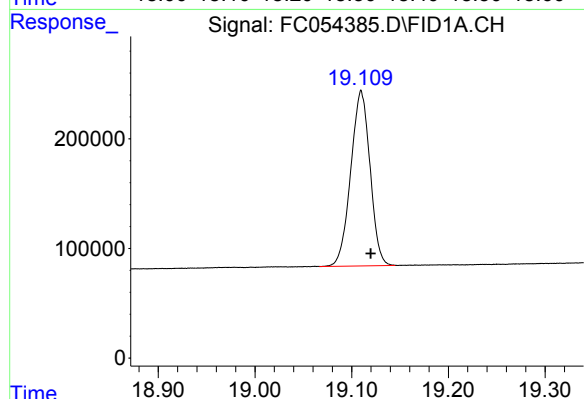
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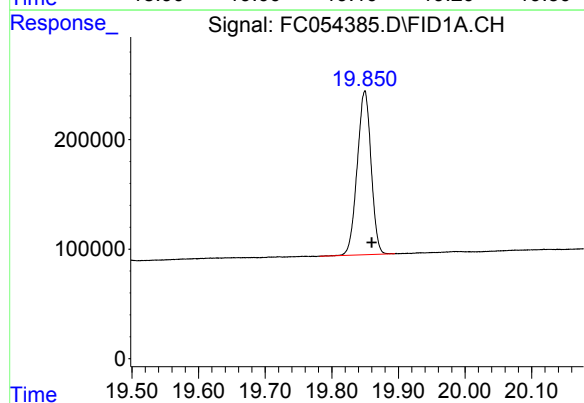
#18 n-Dotriacontane (C32)

R.T.: 18.327 min
Delta R.T.: -0.011 min
Response: 2201134
Conc: 17.89 ug/ml



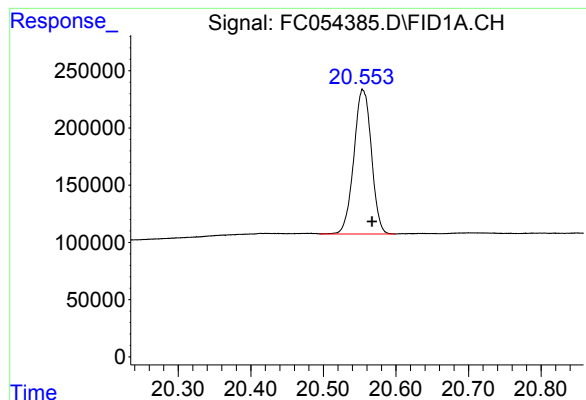
#19 n-Tetratriacontane (C34)

R.T.: 19.109 min
Delta R.T.: -0.010 min
Response: 2214815
Conc: 18.93 ug/ml m



#20 n-Hexatriacontane (C36)

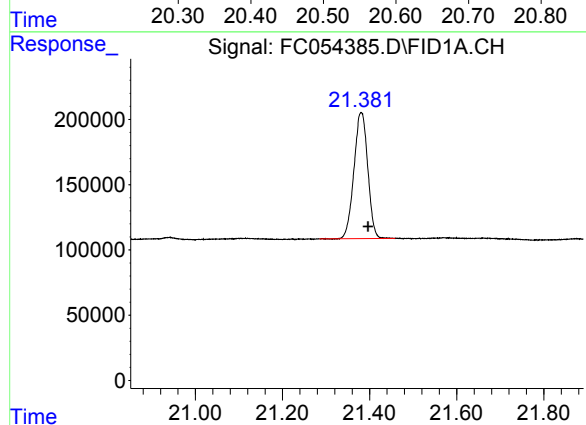
R.T.: 19.849 min
Delta R.T.: -0.010 min
Response: 2161422
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.553 min
Delta R.T.: -0.014 min
Response: 2123062
Conc: 20.77 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.381 min
Delta R.T.: -0.016 min
Response: 2126512
Conc: 19.87 ug/ml

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