

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061021AL\
 Data File : FC054192.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jun 2021 12:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 11 13:22:14 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)	11.351	3245296	21.370 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
12) S 1-chlorooctadecane (S...	12.794	2513579	21.338 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
Target Compounds			
1) T n-Nonane (C9)	3.160	2751129	21.378 ug/ml
2) T n-Decane (C10)	4.215	2789148	21.759 ug/ml
3) T A~Naphthalene (C11.7)	5.782	3105938	21.503 ug/ml
4) T n-Dodecane (C12)	6.224	2827745	21.564 ug/ml
5) T A~2-methylnaphthalene...	6.835	3143166	21.771 ug/ml
6) T n-Tetradecane (C14)	8.013	2846495	21.470 ug/ml
7) T n-Hexadecane (C16)	9.609	2909741	21.511 ug/ml
8) T n-Octadecane (C18)	11.047	2993890	21.451 ug/ml
10) T n-Eicosane (C20)	12.353	2951543	21.257 ug/ml
11) T n-Heneicosane (C21)	12.964	2984529	21.365 ug/ml
13) T n-Docosane (C22)	13.549	2948859	21.311 ug/ml
14) T n-Tetracosane (C24)	14.650	2946094	21.393 ug/ml
15) T n-Hexacosane (C26)	15.670	2860316	21.236 ug/ml
16) T n-Octacosane (C28)	16.618	2811184	21.216 ug/ml
17) T n-Tricontane (C30)	17.504	2710362	21.087 ug/ml
18) T n-Dotriacontane (C32)	18.336	2595616	21.096 ug/ml
19) T n-Tetratriacontane (C34)	19.118	2446094	20.910 ug/ml
20) T n-Hexatriacontane (C36)	19.858	2288533	20.733 ug/ml
21) T n-Octatriacontane (C38)	20.565	2124874	20.786 ug/ml
22) T n-Tetracontane (C40)	21.392	2163427	20.219 ug/ml

(f)=RT Delta > 1/2 Window

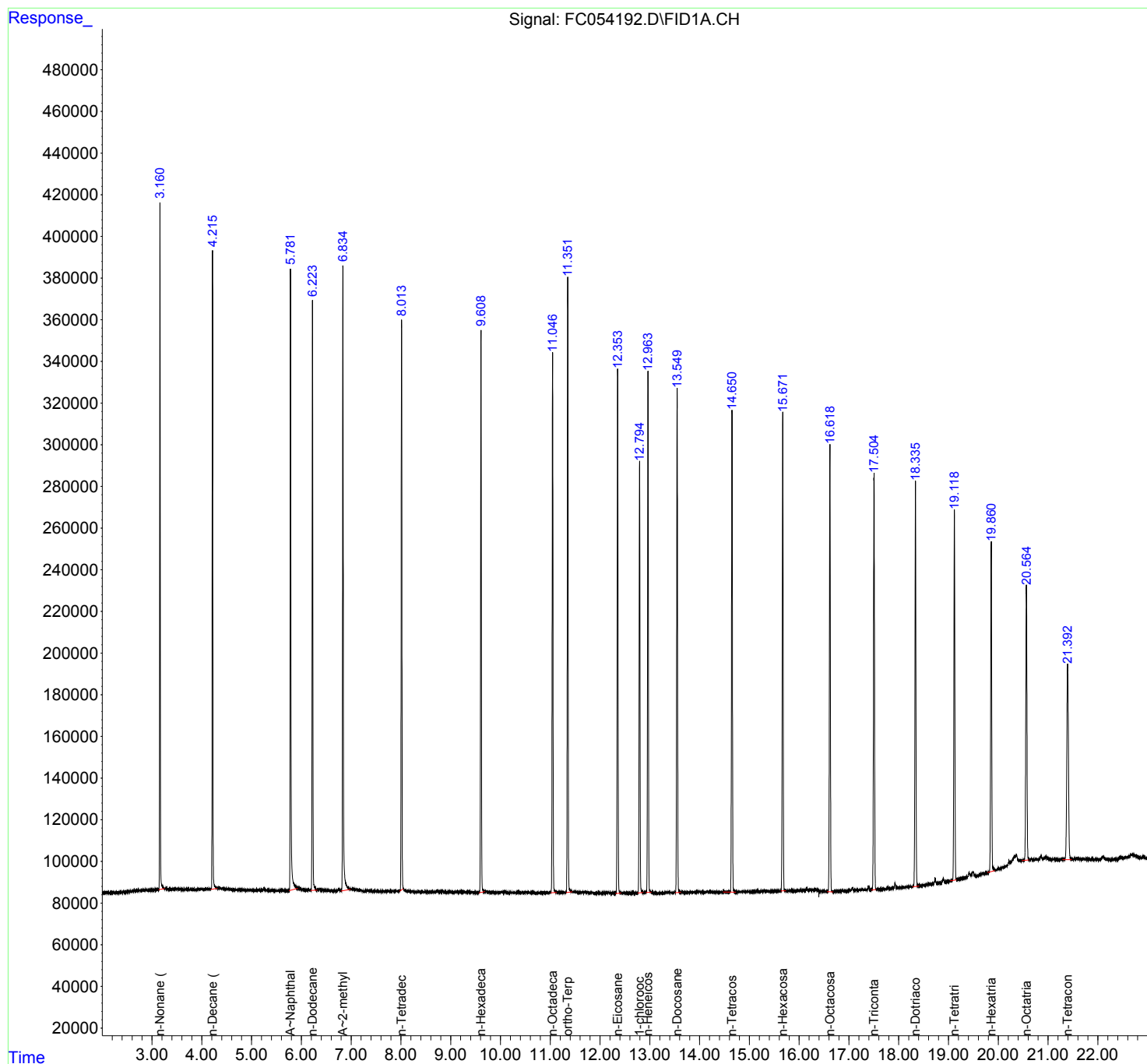
(m)=manual int.

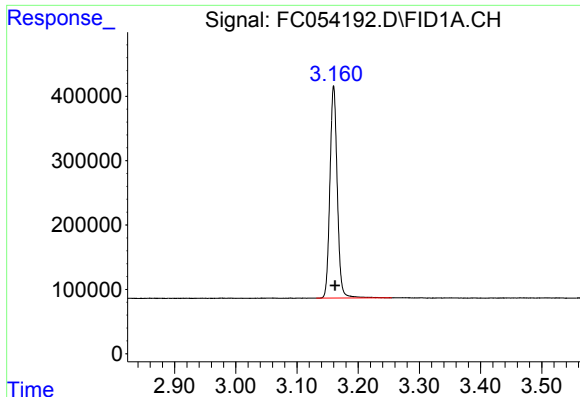
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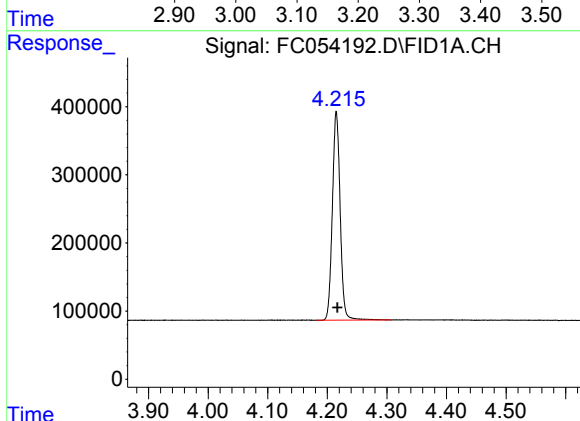




#1 n-Nonane (C9)

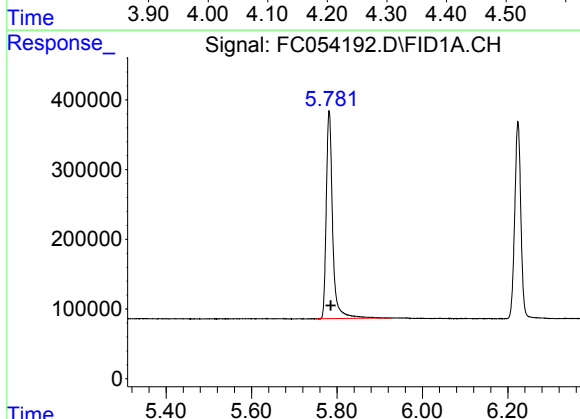
R.T.: 3.160 min
Delta R.T.: -0.002 min
Response: 2751129
Conc: 21.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



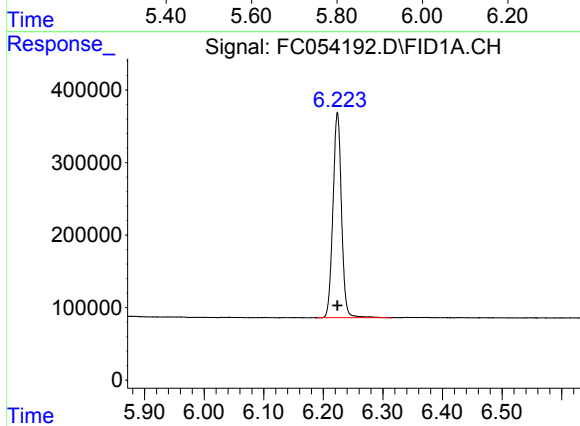
#2 n-Decane (C10)

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 2789148
Conc: 21.76 ug/ml



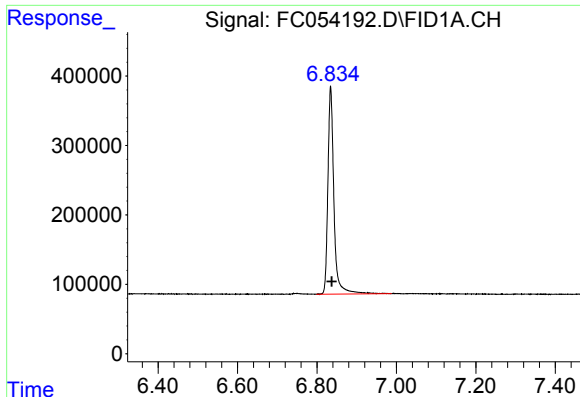
#3 A~Naphthalene (C11.7)

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 3105938
Conc: 21.50 ug/ml



#4 n-Dodecane (C12)

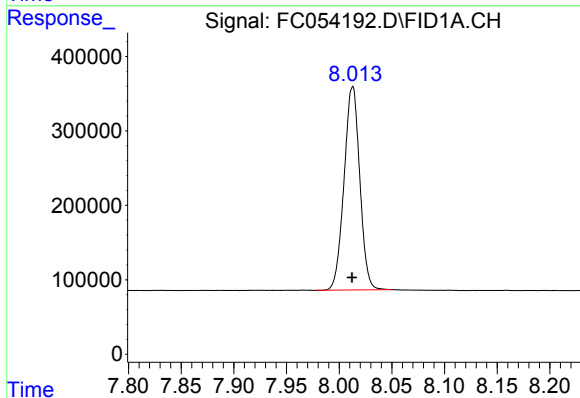
R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 2827745
Conc: 21.56 ug/ml



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

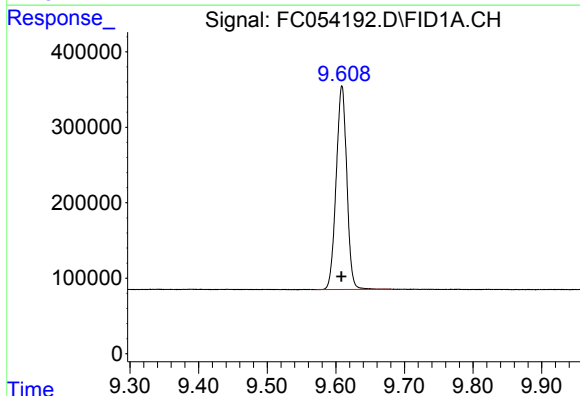
R.T.: 6.835 min
Delta R.T.: -0.003 min
Response: 3143166
Conc: 21.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



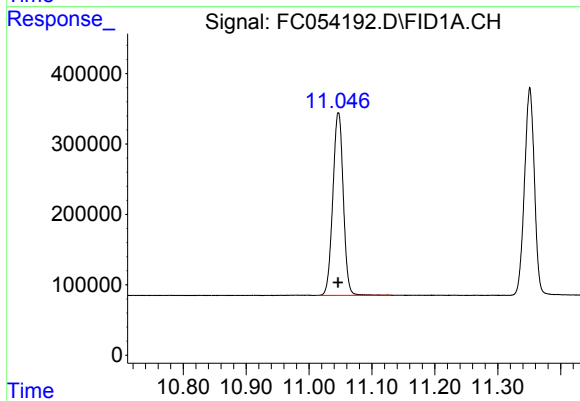
#6 n-Tetradecane (C14)

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 2846495
Conc: 21.47 ug/ml



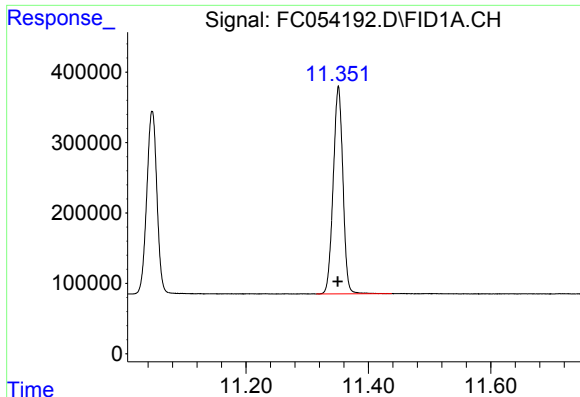
#7 n-Hexadecane (C16)

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 2909741
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

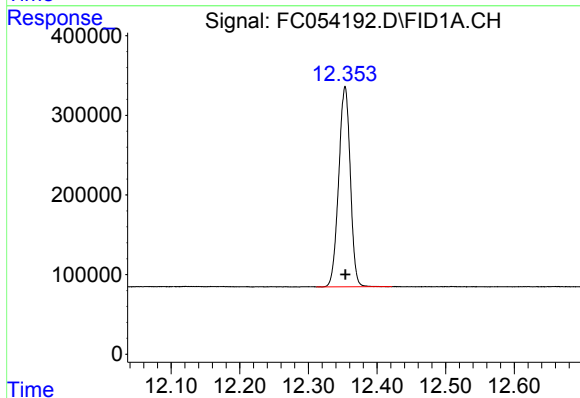
R.T.: 11.047 min
Delta R.T.: 0.000 min
Response: 2993890
Conc: 21.45 ug/ml



#9 ortho-Terphenyl (SURR)

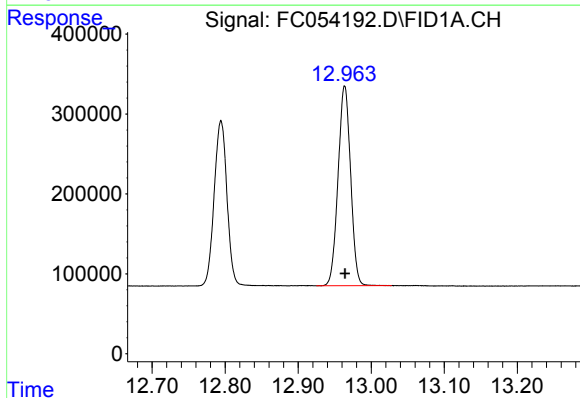
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 3245296
Conc: 21.37 ug/ml

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FID_C
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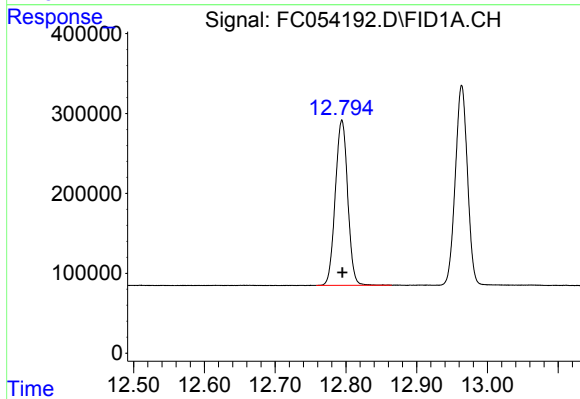
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 2951543
Conc: 21.26 ug/ml



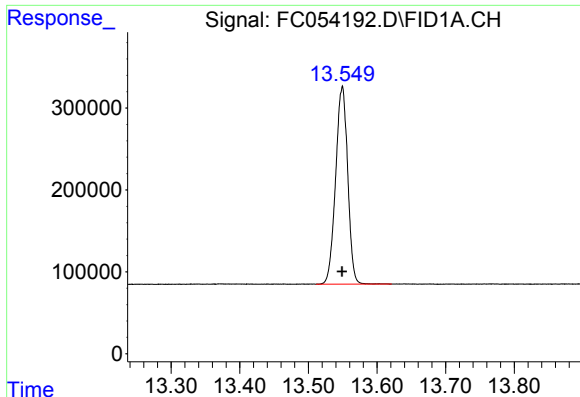
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: 0.000 min
Response: 2984529
Conc: 21.36 ug/ml



#12 1-chlorooctadecane (SURR)

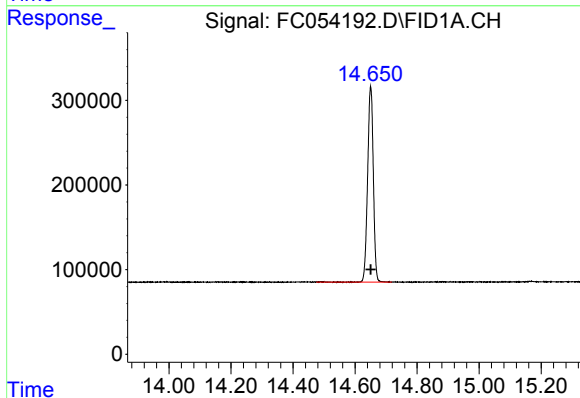
R.T.: 12.794 min
Delta R.T.: 0.000 min
Response: 2513579
Conc: 21.34 ug/ml



#13 n-Docosane (C22)

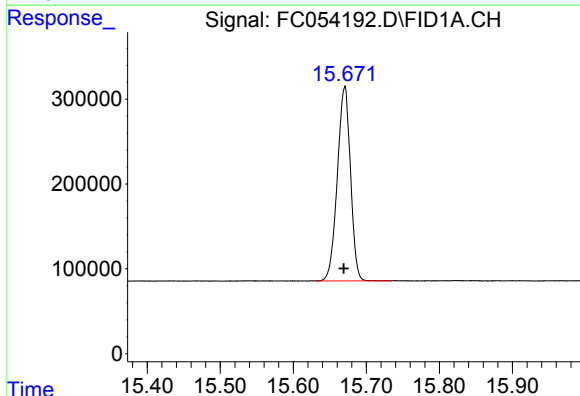
R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 2948859
Conc: 21.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



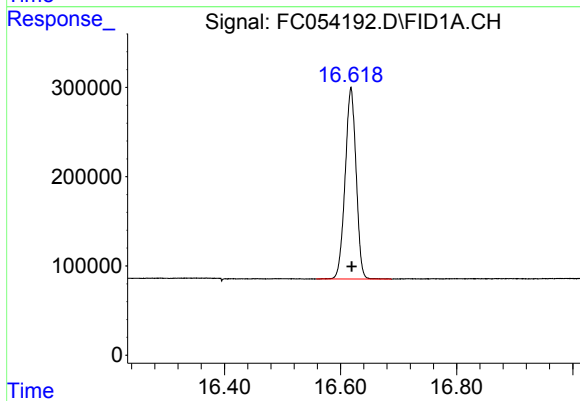
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: 0.000 min
Response: 2946094
Conc: 21.39 ug/ml



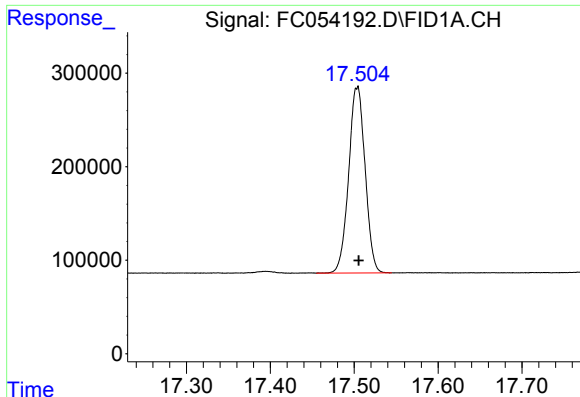
#15 n-Hexacosane (C26)

R.T.: 15.670 min
Delta R.T.: 0.000 min
Response: 2860316
Conc: 21.24 ug/ml



#16 n-Octacosane (C28)

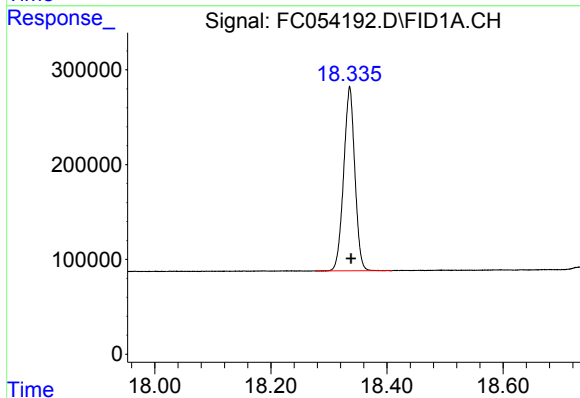
R.T.: 16.618 min
Delta R.T.: -0.001 min
Response: 2811184
Conc: 21.22 ug/ml



#17 n-Tricontane (C30)

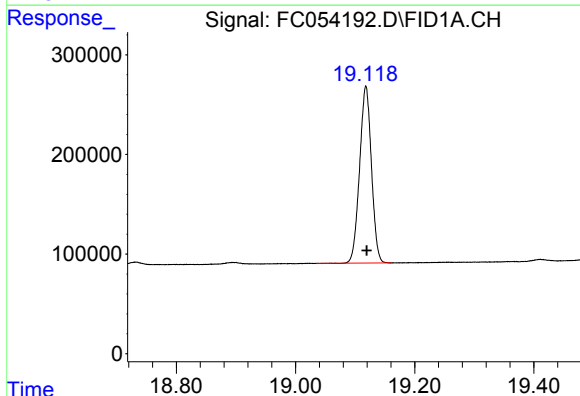
R.T.: 17.504 min
Delta R.T.: -0.002 min
Response: 2710362
Conc: 21.09 ug/ml

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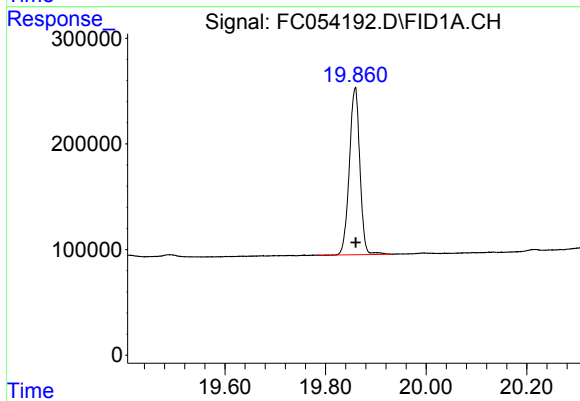
#18 n-Dotriacontane (C32)

R.T.: 18.336 min
Delta R.T.: -0.002 min
Response: 2595616
Conc: 21.10 ug/ml



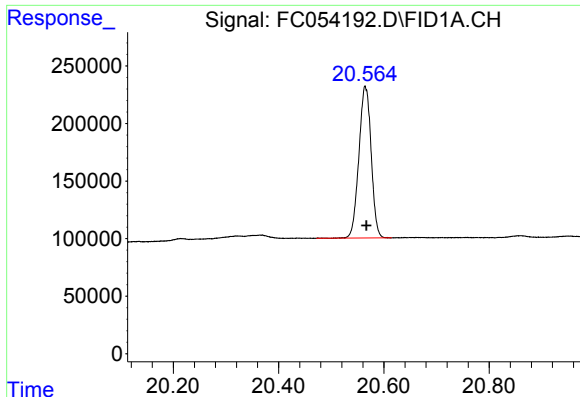
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min
Delta R.T.: -0.002 min
Response: 2446094
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

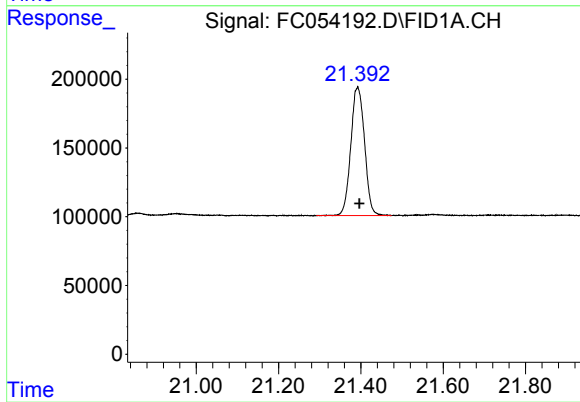
R.T.: 19.858 min
Delta R.T.: -0.001 min
Response: 2288533
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.565 min
Delta R.T.: -0.002 min
Response: 2124874
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.392 min
Delta R.T.: -0.005 min
Response: 2163427
Conc: 20.22 ug/ml