

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060821AL\
 Data File : FC054141.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jun 2021 8:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 09 08:59:53 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)	11.357	2847263	20.392 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
12) S 1-chlorooctadecane (S...	12.801	2190585	19.538 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.162	2653701	22.461 ug/ml
2) T n-Decane (C10)	4.219	2708376	22.723 ug/ml
3) T A~Naphthalene (C11.7)	5.787	2987171	22.840 ug/ml
4) T n-Dodecane (C12)	6.229	2777828	22.628 ug/ml
5) T A~2-methylnaphthalene...	6.840	3040624	22.778 ug/ml
6) T n-Tetradecane (C14)	8.018	2795777	22.539 ug/ml
7) T n-Hexadecane (C16)	9.614	2710749	21.757 ug/ml
8) T n-Octadecane (C18)	11.053	2775052	21.068 ug/ml
10) T n-Eicosane (C20)	12.359	2699858	20.142 ug/ml
11) T n-Heneicosane (C21)	12.970	2639928	19.683 ug/ml
13) T n-Docosane (C22)	13.555	2606738	19.395 ug/ml
14) T n-Tetracosane (C24)	14.657	2537183	18.896 ug/ml
15) T n-Hexacosane (C26)	15.677	2456523	18.535 ug/ml
16) T n-Octacosane (C28)	16.625	2471014	18.714 ug/ml
17) T n-Tricontane (C30)	17.512	2546583	19.422 ug/ml
18) T n-Dotriacontane (C32)	18.343	2554455	19.802 ug/ml
19) T n-Tetratriacontane (C34)	19.127	2478222	20.314 ug/ml
20) T n-Hexatriacontane (C36)	19.866	2339879	20.726 ug/ml
21) T n-Octatriacontane (C38)	20.574	2204811	21.866 ug/ml
22) T n-Tetracontane (C40)	21.406	2206395	21.862 ug/ml

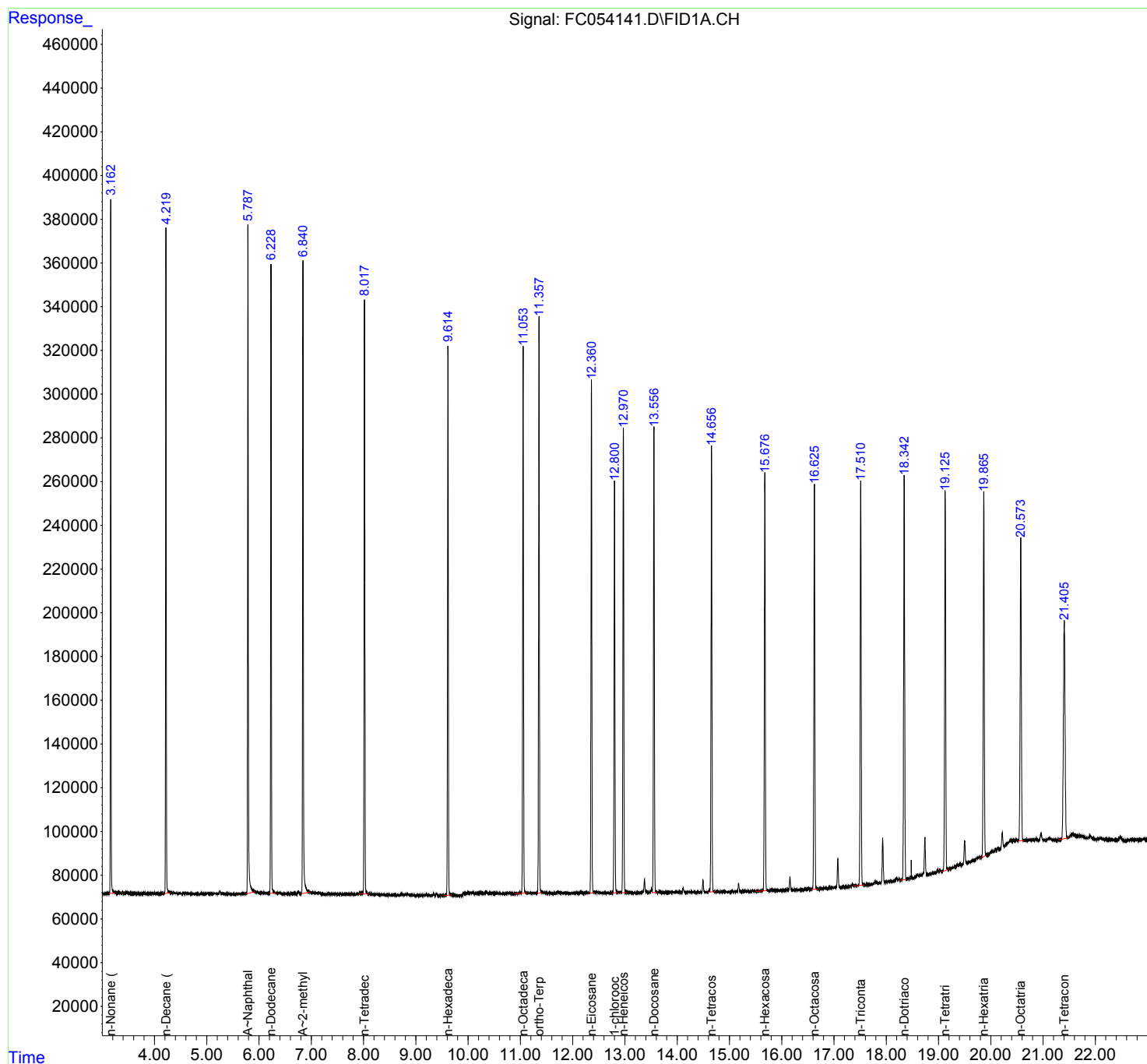
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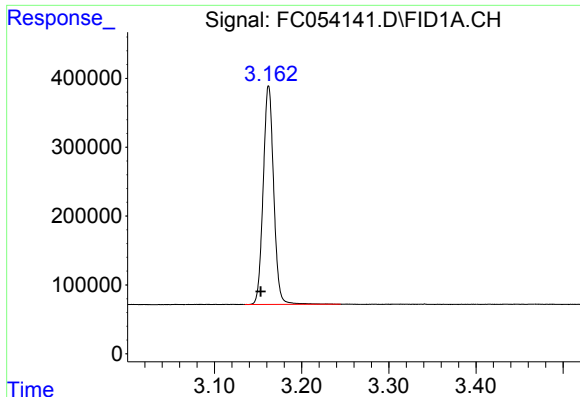
(m)=manual int.

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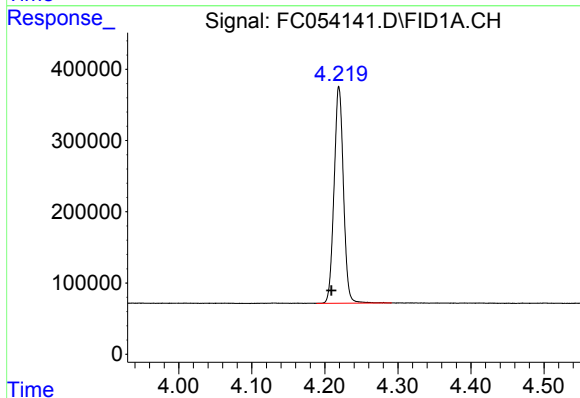
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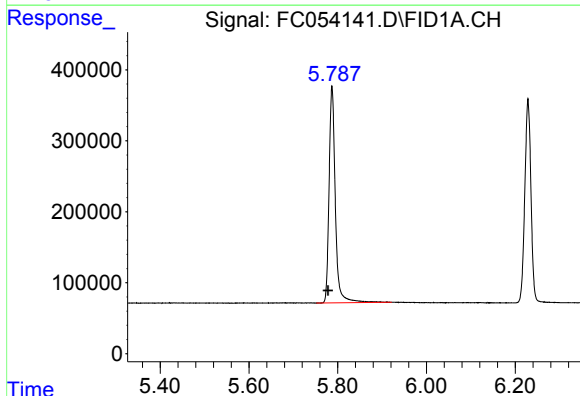
#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 2653701
Conc: 22.46 ug/ml



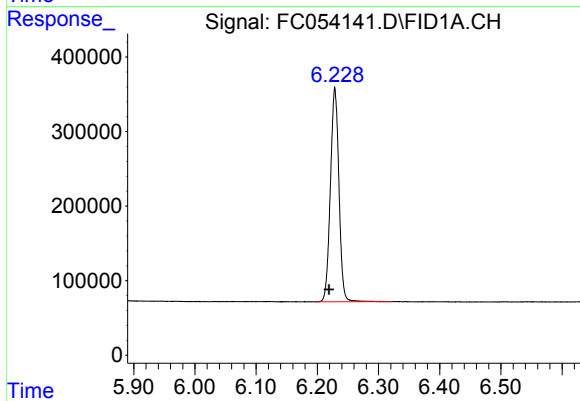
#2 n-Decane (C10)

R.T.: 4.219 min
Delta R.T.: 0.010 min
Response: 2708376
Conc: 22.72 ug/ml



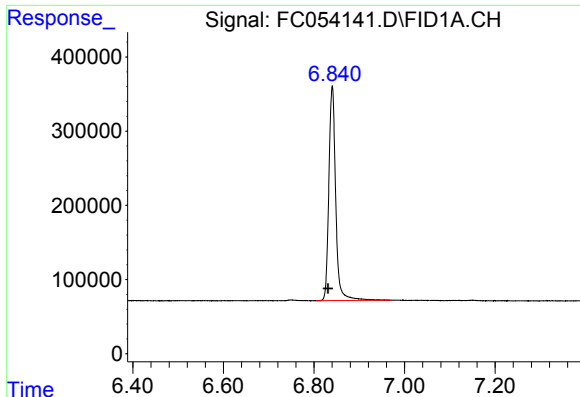
#3 A~Naphthalene (C11.7)

R.T.: 5.787 min
Delta R.T.: 0.009 min
Response: 2987171
Conc: 22.84 ug/ml



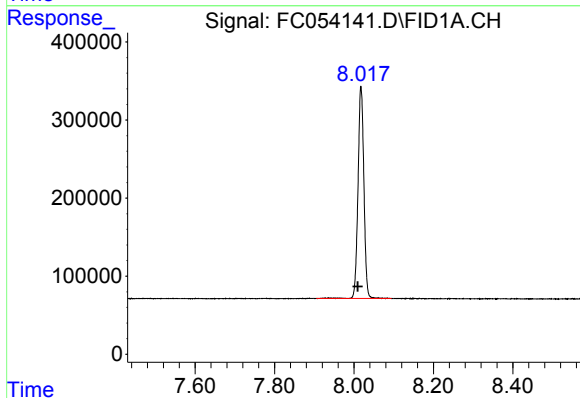
#4 n-Dodecane (C12)

R.T.: 6.229 min
Delta R.T.: 0.010 min
Response: 2777828
Conc: 22.63 ug/ml



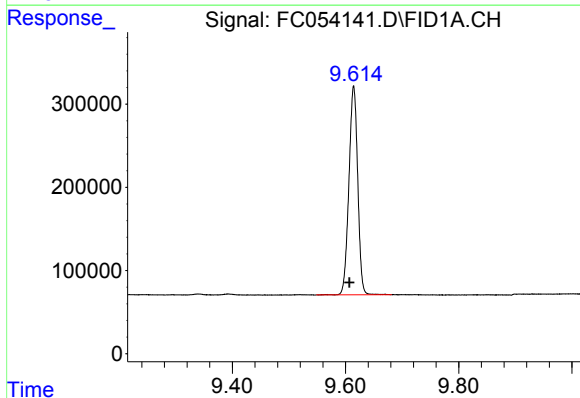
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.840 min
Delta R.T.: 0.010 min
Response: 3040624
Conc: 22.78 ug/ml



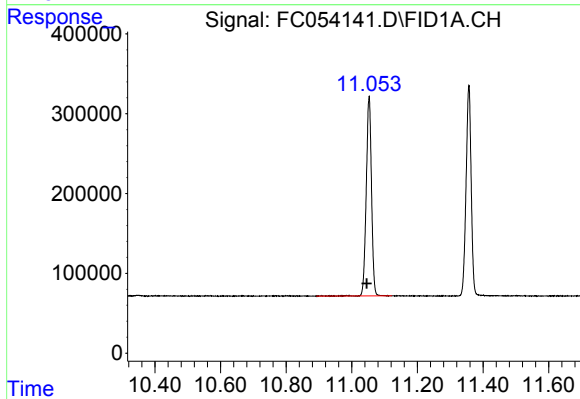
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: 0.008 min
Response: 2795777
Conc: 22.54 ug/ml



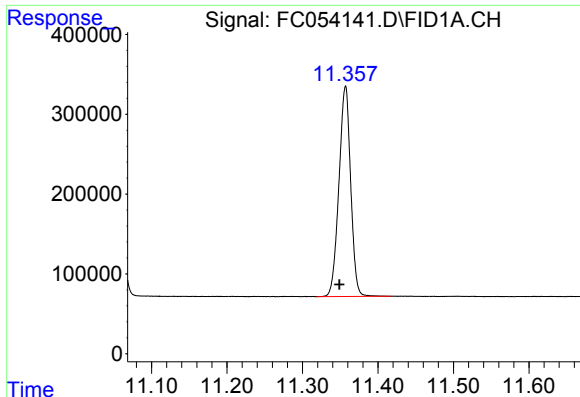
#7 n-Hexadecane (C16)

R.T.: 9.614 min
Delta R.T.: 0.008 min
Response: 2710749
Conc: 21.76 ug/ml



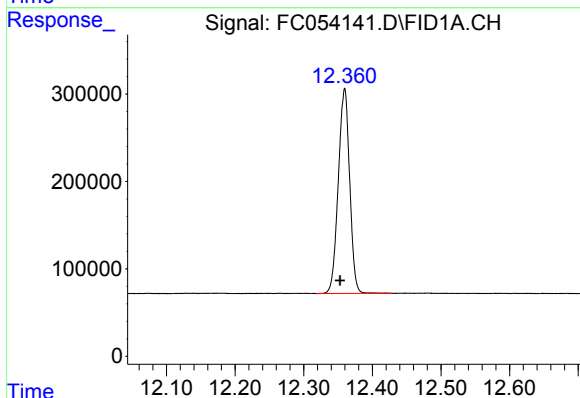
#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: 0.007 min
Response: 2775052
Conc: 21.07 ug/ml



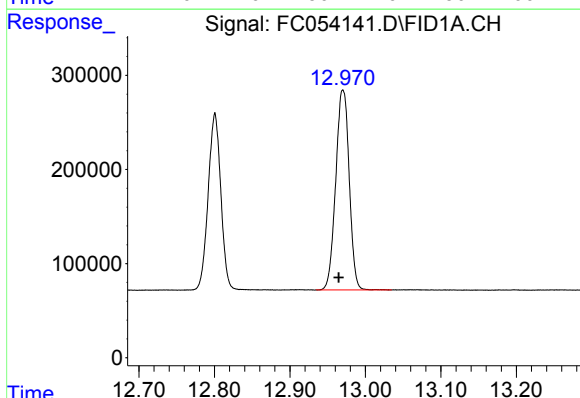
#9 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.008 min
Response: 2847263
Conc: 20.39 ug/ml



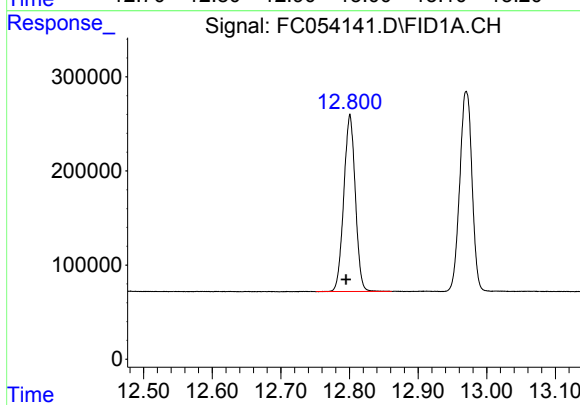
#10 n-Eicosane (C20)

R.T.: 12.359 min
Delta R.T.: 0.006 min
Response: 2699858
Conc: 20.14 ug/ml



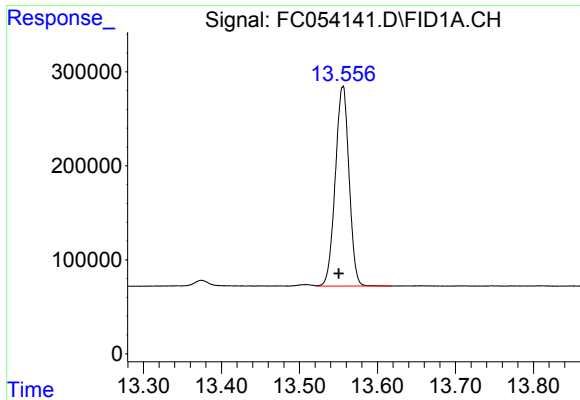
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: 0.006 min
Response: 2639928
Conc: 19.68 ug/ml



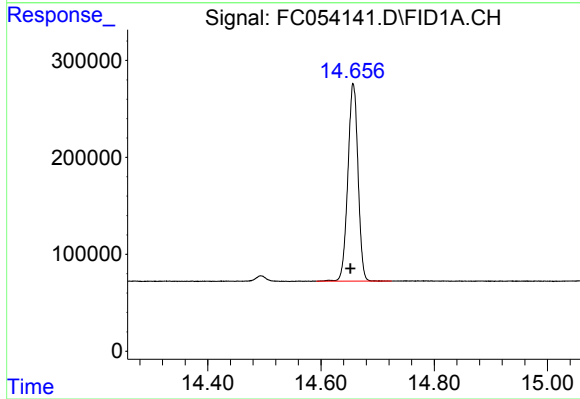
#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: 0.005 min
Response: 2190585
Conc: 19.54 ug/ml



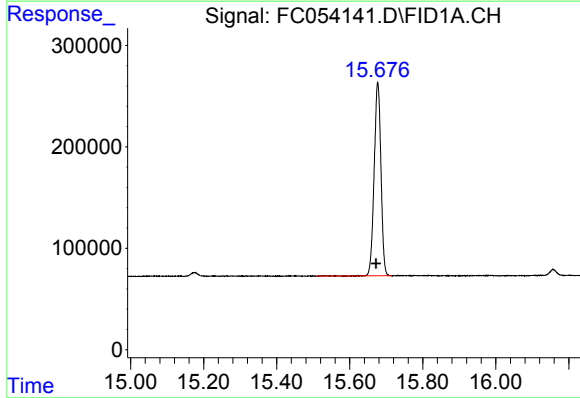
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: 0.005 min
Response: 2606738
Conc: 19.39 ug/ml



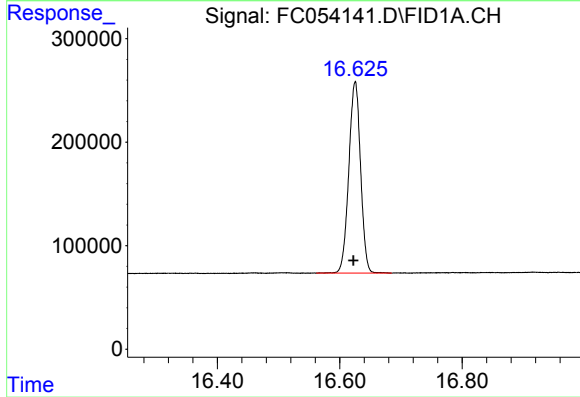
#14 n-Tetracosane (C24)

R.T.: 14.657 min
Delta R.T.: 0.005 min
Response: 2537183
Conc: 18.90 ug/ml



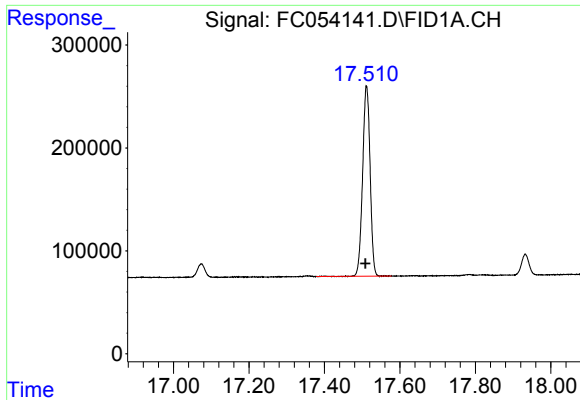
#15 n-Hexacosane (C26)

R.T.: 15.677 min
Delta R.T.: 0.004 min
Response: 2456523
Conc: 18.53 ug/ml



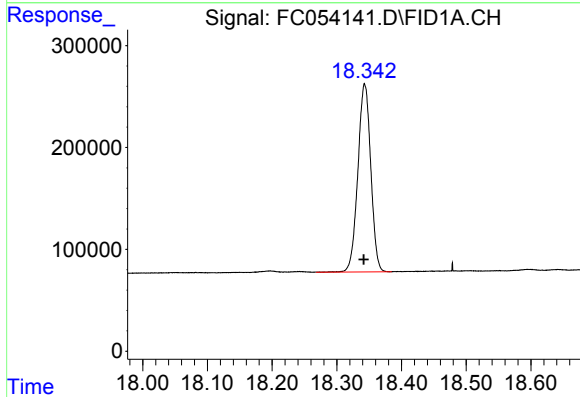
#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: 0.003 min
Response: 2471014
Conc: 18.71 ug/ml



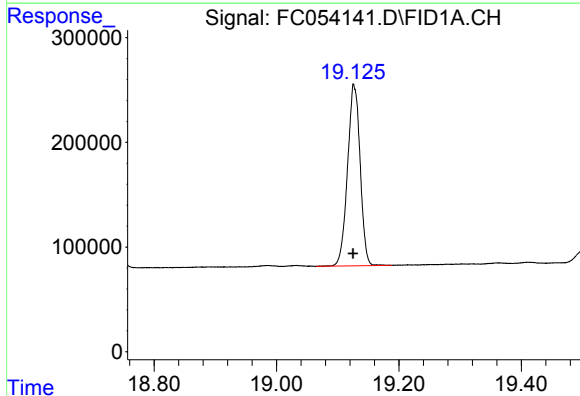
#17 n-Tricontane (C30)

R.T.: 17.512 min
Delta R.T.: 0.003 min
Response: 2546583
Conc: 19.42 ug/ml



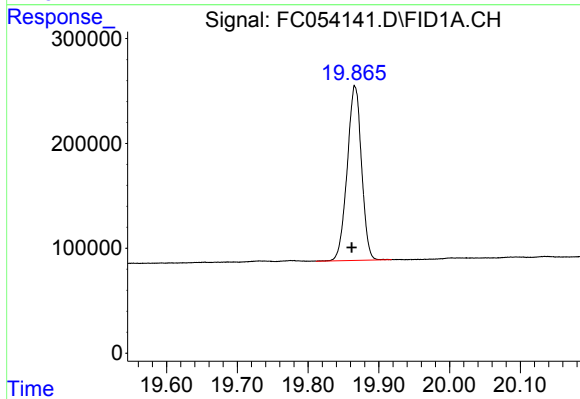
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: 0.002 min
Response: 2554455
Conc: 19.80 ug/ml



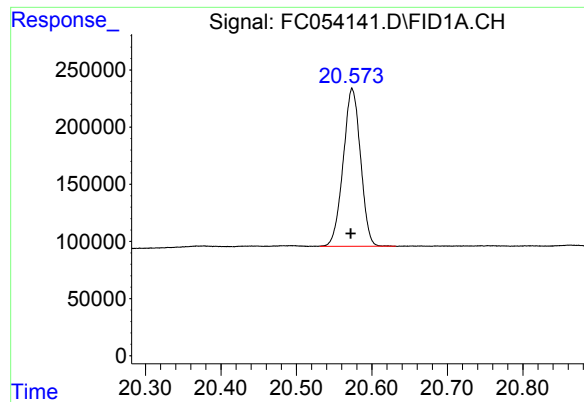
#19 n-Tetratriacontane (C34)

R.T.: 19.127 min
Delta R.T.: 0.002 min
Response: 2478222
Conc: 20.31 ug/ml



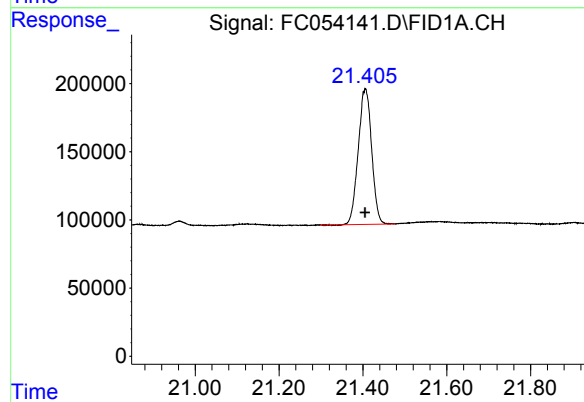
#20 n-Hexatriacontane (C36)

R.T.: 19.866 min
Delta R.T.: 0.004 min
Response: 2339879
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.574 min
Delta R.T.: 0.002 min
Response: 2204811
Conc: 21.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.406 min
Delta R.T.: 0.000 min
Response: 2206395
Conc: 21.86 ug/ml