

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021522AL\
 Data File : FC058339.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2022 18:30
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 02:07:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:06:12 2022
 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)	11.365	6707499	4.784 ug/ml
Spiked Amount 50.000		Recovery =	9.57%
12) S 1-chlorooctadecane (S...	12.801	4893088	4.658 ug/ml
Spiked Amount 50.000		Recovery =	9.32%
Target Compounds			
1) T n-Nonane (C9)	3.356	5584778	4.739 ug/ml
2) T n-Decane (C10)	4.316	5602897	4.692 ug/ml
3) T A~Naphthalene (C11.7)	5.830	6043892	4.490 ug/ml
4) T n-Dodecane (C12)	6.264	5910706	4.753 ug/ml
5) T A~2-methylnaphthalene...	6.869	6072777	4.528 ug/ml
6) T n-Tetradecane (C14)	8.039	5878825	4.714 ug/ml
7) T n-Hexadecane (C16)	9.628	5981720	4.773 ug/ml
8) T n-Octadecane (C18)	11.061	6025050	4.784 ug/ml
10) T n-Eicosane (C20)	12.362	5940486	4.778 ug/ml
11) T n-Heneicosane (C21)	12.970	5914664	4.761 ug/ml
13) T n-Docosane (C22)	13.554	5841761	4.732 ug/ml
14) T n-Tetracosane (C24)	14.650	5676094	4.649 ug/ml
15) T n-Hexacosane (C26)	15.666	5445758	4.586 ug/ml
16) T n-Octacosane (C28)	16.612	5267242	4.593 ug/ml
17) T n-Tricontane (C30)	17.497	5099629	4.663 ug/ml
18) T n-Dotriacontane (C32)	18.326	4817952	6.060 ug/ml
19) T n-Tetratriacontane (C34)	19.106	4094084	4.705 ug/ml
20) T n-Hexatriacontane (C36)	19.842	3260624	4.677 ug/ml
21) T n-Octatriacontane (C38)	20.546	2599255	4.630 ug/ml
22) T n-Tetracontane (C40)	21.362	2003009	4.892 ug/mlm

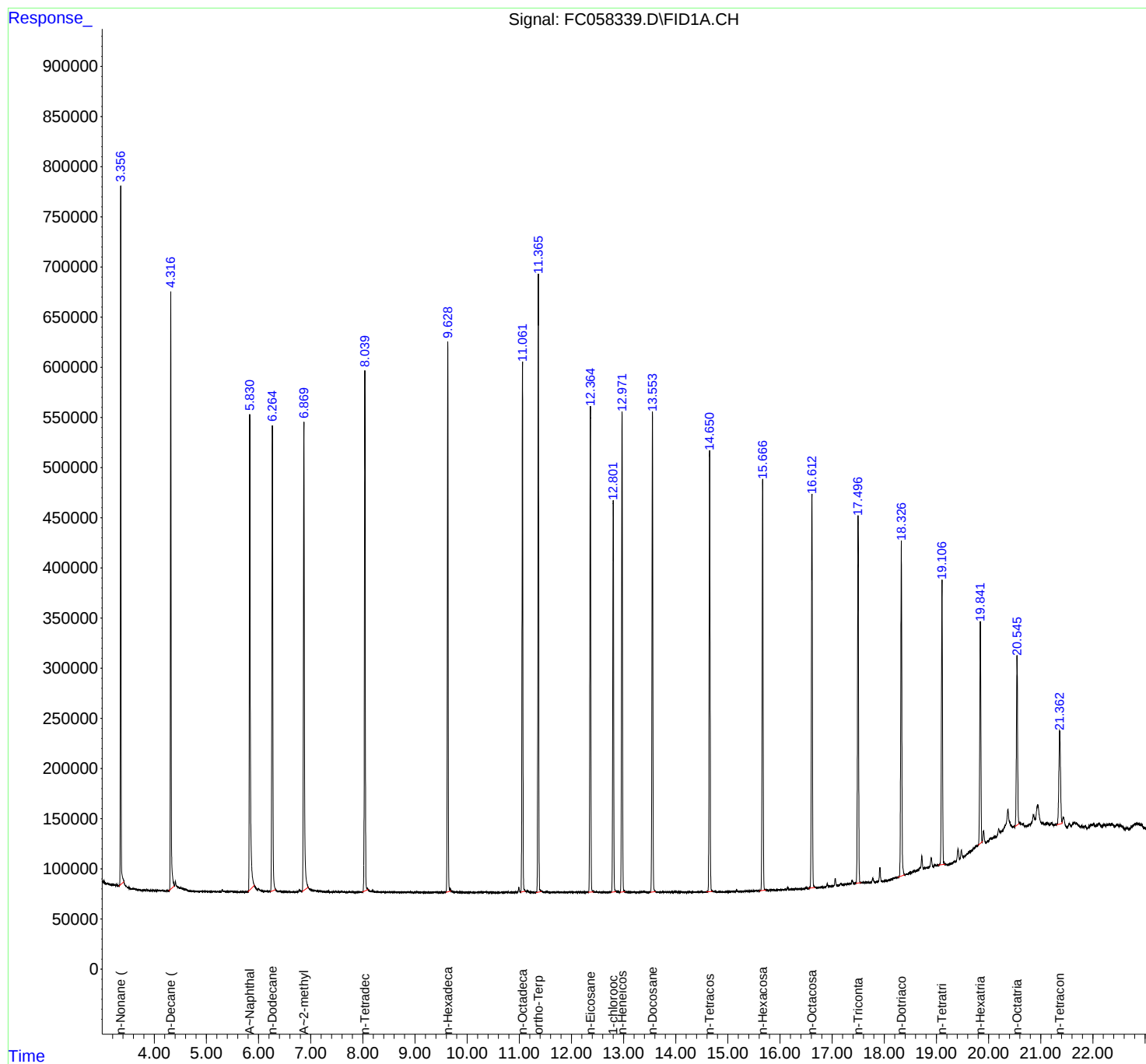
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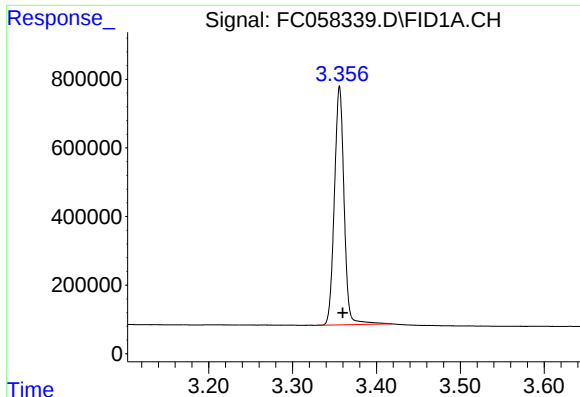
(m)=manual int.

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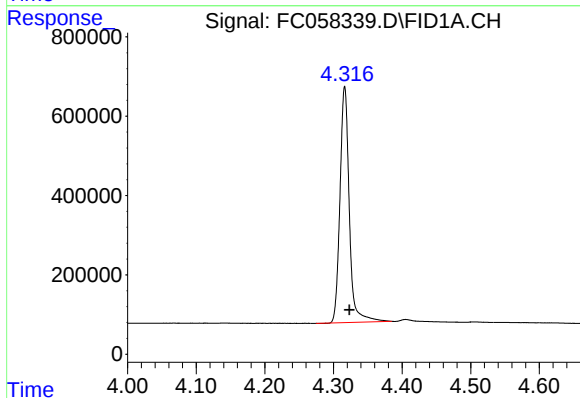
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Signal Info : 20M x 0.18mm x 0.18um





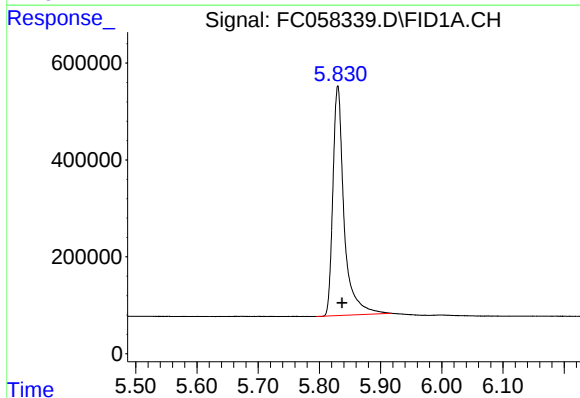
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.004 min
Response: 5584778
Conc: 4.74 ug/ml



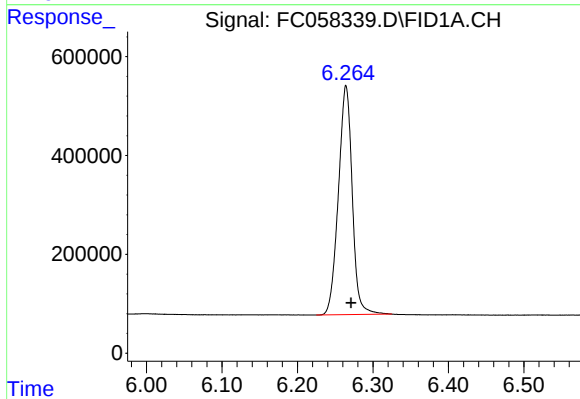
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: -0.007 min
Response: 5602897
Conc: 4.69 ug/ml



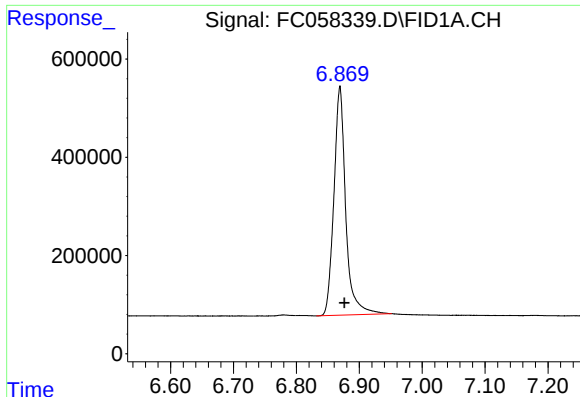
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.007 min
Response: 6043892
Conc: 4.49 ug/ml



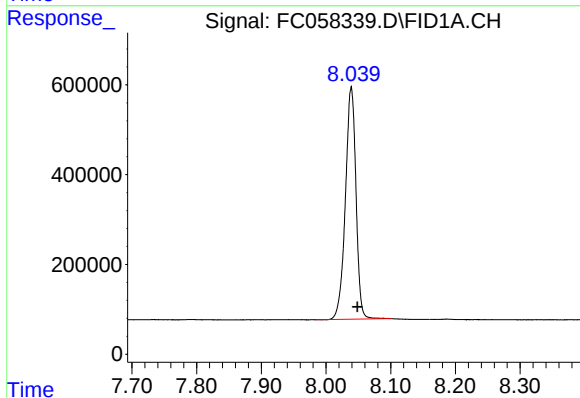
#4 n-Dodecane (C12)

R.T.: 6.264 min
Delta R.T.: -0.007 min
Response: 5910706
Conc: 4.75 ug/ml



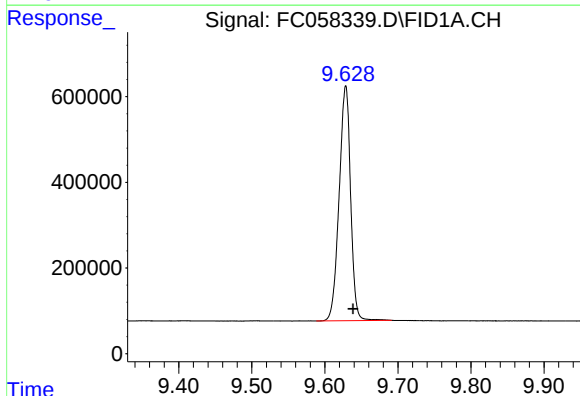
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: -0.007 min
Response: 6072777
Conc: 4.53 ug/ml



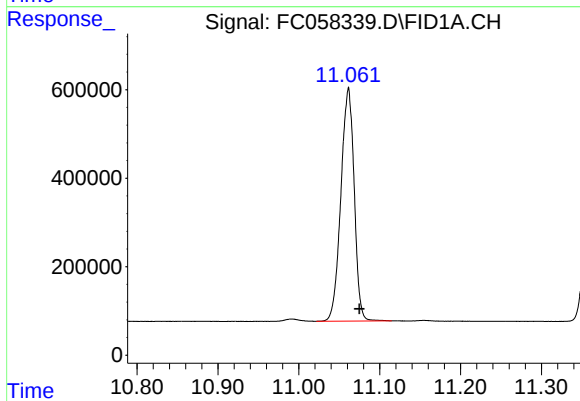
#6 n-Tetradecane (C14)

R.T.: 8.039 min
Delta R.T.: -0.009 min
Response: 5878825
Conc: 4.71 ug/ml



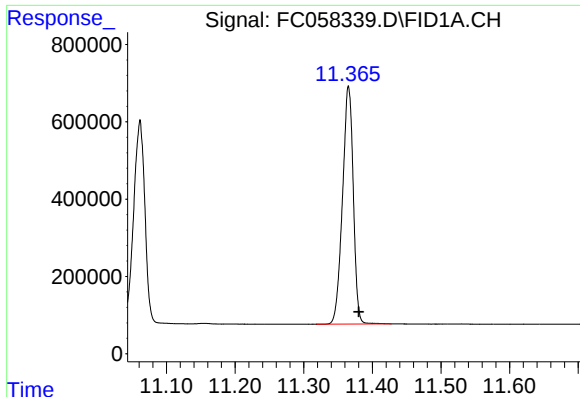
#7 n-Hexadecane (C16)

R.T.: 9.628 min
Delta R.T.: -0.010 min
Response: 5981720
Conc: 4.77 ug/ml



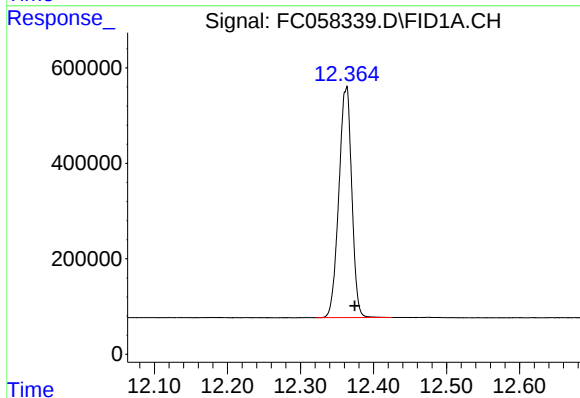
#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: -0.014 min
Response: 6025050
Conc: 4.78 ug/ml



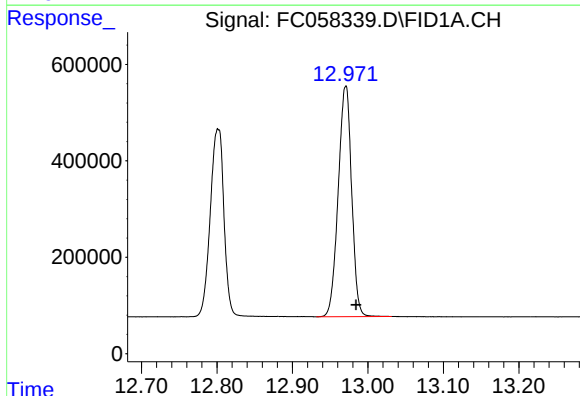
#9 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: -0.015 min
Response: 6707499
Conc: 4.78 ug/ml



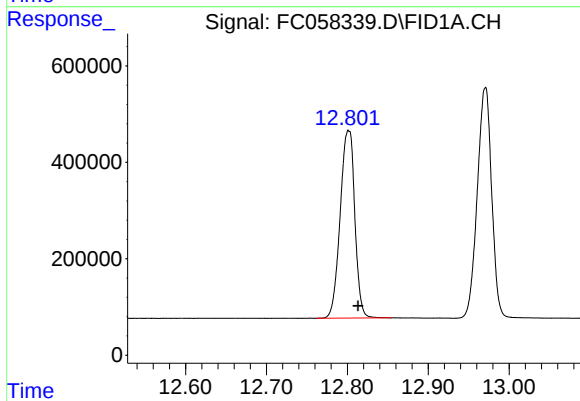
#10 n-Eicosane (C20)

R.T.: 12.362 min
Delta R.T.: -0.012 min
Response: 5940486
Conc: 4.78 ug/ml



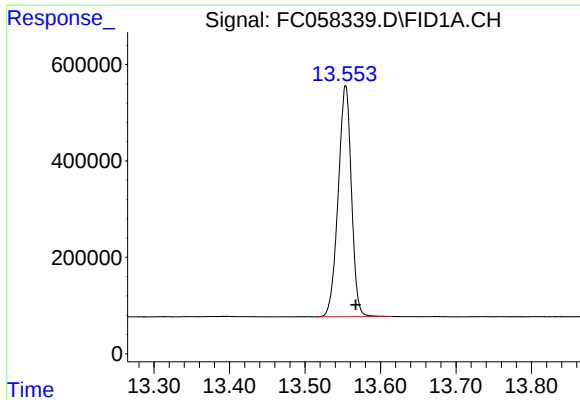
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: -0.014 min
Response: 5914664
Conc: 4.76 ug/ml



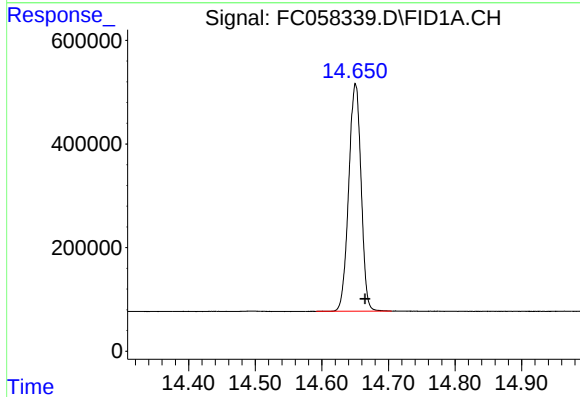
#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: -0.012 min
Response: 4893088
Conc: 4.66 ug/ml



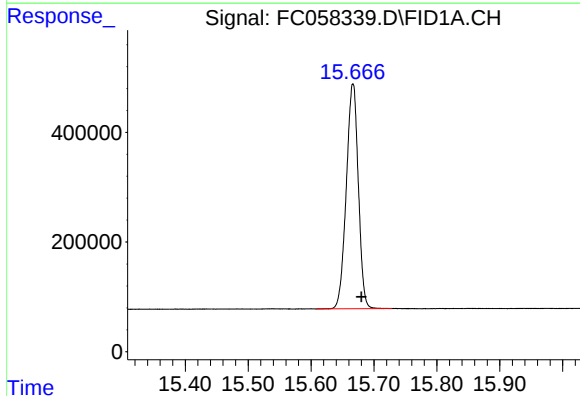
#13 n-Docosane (C22)

R.T.: 13.554 min
Delta R.T.: -0.014 min
Response: 5841761
Conc: 4.73 ug/ml



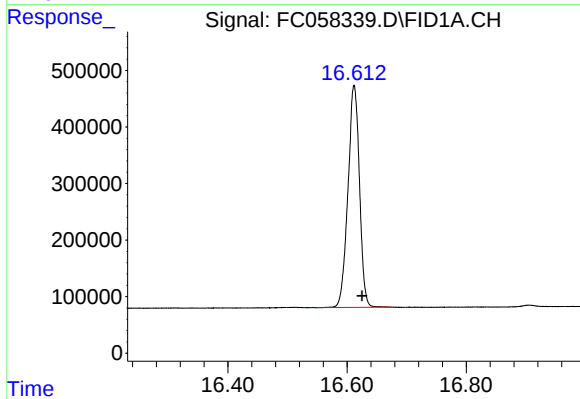
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.015 min
Response: 5676094
Conc: 4.65 ug/ml



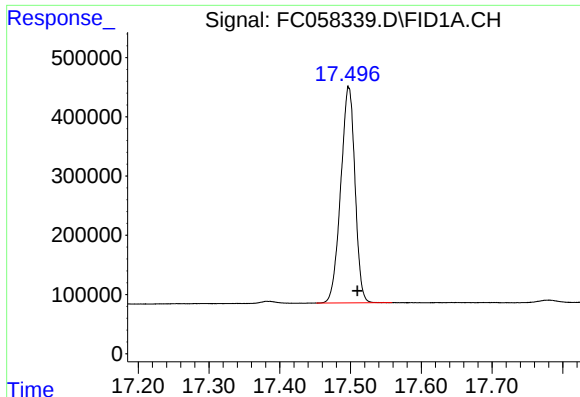
#15 n-Hexacosane (C26)

R.T.: 15.666 min
Delta R.T.: -0.014 min
Response: 5445758
Conc: 4.59 ug/ml



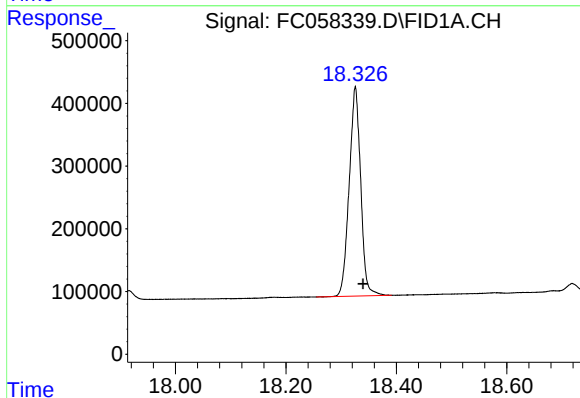
#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: -0.013 min
Response: 5267242
Conc: 4.59 ug/ml



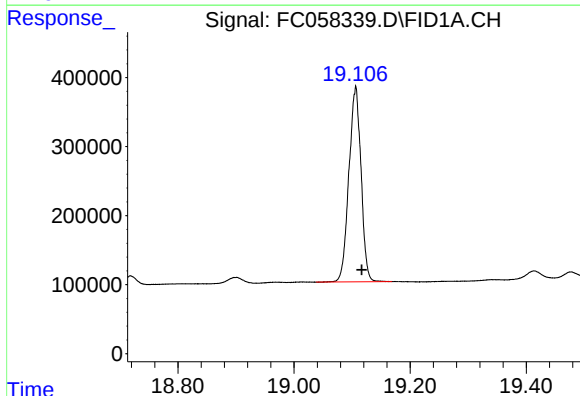
#17 n-Tricontane (C30)

R.T.: 17.497 min
Delta R.T.: -0.012 min
Response: 5099629
Conc: 4.66 ug/ml



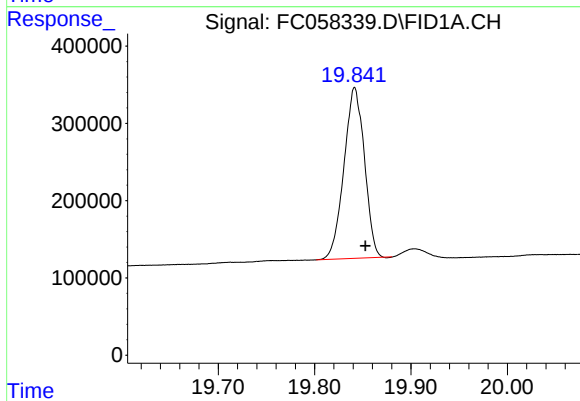
#18 n-Dotriacontane (C32)

R.T.: 18.326 min
Delta R.T.: -0.014 min
Response: 4817952
Conc: 6.06 ug/ml



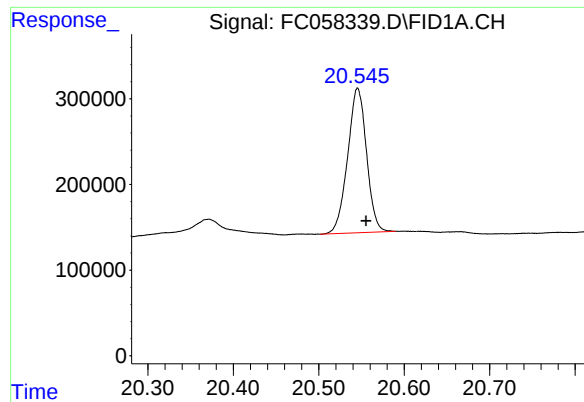
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: -0.011 min
Response: 4094084
Conc: 4.71 ug/ml



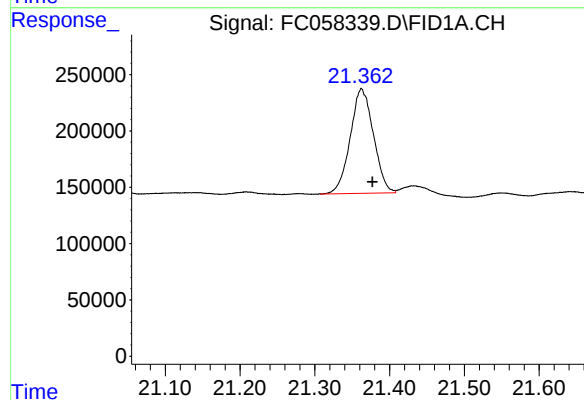
#20 n-Hexatriacontane (C36)

R.T.: 19.842 min
Delta R.T.: -0.011 min
Response: 3260624
Conc: 4.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.546 min
Delta R.T.: -0.010 min
Response: 2599255
Conc: 4.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.362 min
Delta R.T.: -0.015 min
Response: 2003009
Conc: 4.89 ug/ml m