

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071621AL\
 Data File : FC054730.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jul 2021 10:33
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 14:29:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.315	3109040	21.961 ug/ml
Spiked Amount 50.000		Recovery =	43.92%
12) S 1-chlorooctadecane (S...	12.758	2427783	21.779 ug/ml
Spiked Amount 50.000		Recovery =	43.56%
Target Compounds			
1) T n-Nonane (C9)	3.133	2666207	22.673 ug/ml
2) T n-Decane (C10)	4.187	2766365	23.297 ug/ml
3) T A~Naphthalene (C11.7)	5.751	2984126	22.698 ug/ml
4) T n-Dodecane (C12)	6.192	2821760	23.543 ug/ml
5) T A~2-methylnaphthalene...	6.803	3003630	22.751 ug/ml
6) T n-Tetradecane (C14)	7.979	2885653	23.684 ug/ml
7) T n-Hexadecane (C16)	9.574	2892483	23.221 ug/ml
8) T n-Octadecane (C18)	11.013	2944241	22.796 ug/ml
10) T n-Eicosane (C20)	12.317	2903857	22.317 ug/ml
11) T n-Heneicosane (C21)	12.927	2919475	21.989 ug/ml
13) T n-Docosane (C22)	13.512	2903381	21.915 ug/ml
14) T n-Tetracosane (C24)	14.613	2863657	21.154 ug/ml
15) T n-Hexacosane (C26)	15.631	2763479	20.394 ug/ml
16) T n-Octacosane (C28)	16.580	2711675	19.756 ug/ml
17) T n-Tricontane (C30)	17.466	2655013	19.169 ug/ml
18) T n-Dotriacontane (C32)	18.297	2576628	18.833 ug/ml
19) T n-Tetratriacontane (C34)	19.080	2542196	18.815 ug/ml
20) T n-Hexatriacontane (C36)	19.819	2357043	19.095 ug/ml
21) T n-Octatriacontane (C38)	20.522	2401305	21.229 ug/ml
22) T n-Tetracontane (C40)	21.337	2453740	21.709 ug/ml

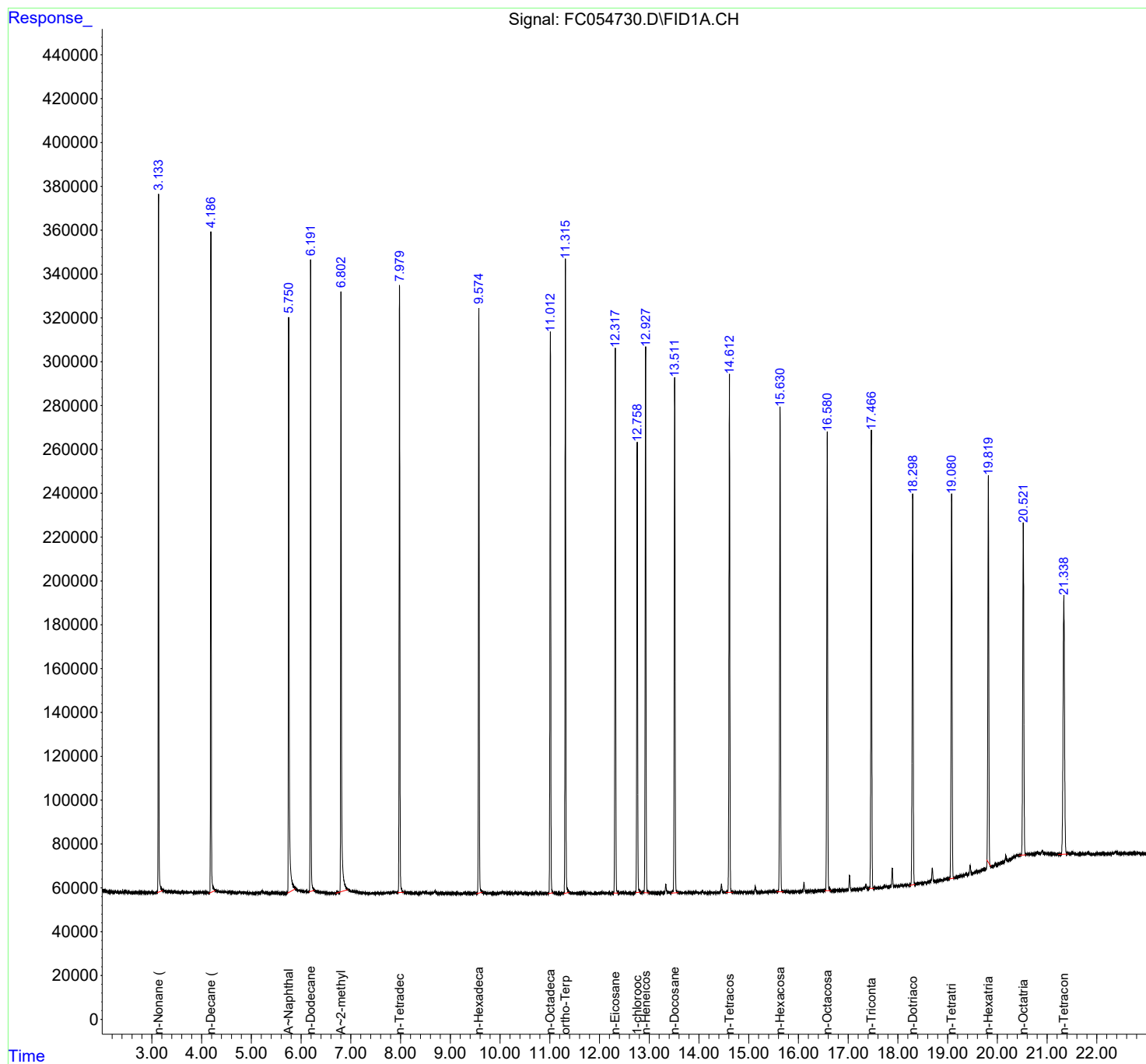
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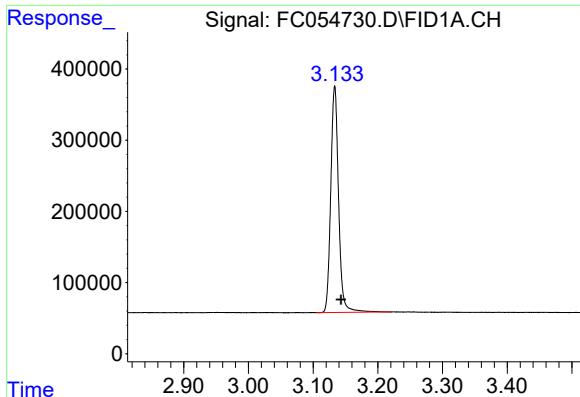
(m)=manual int.

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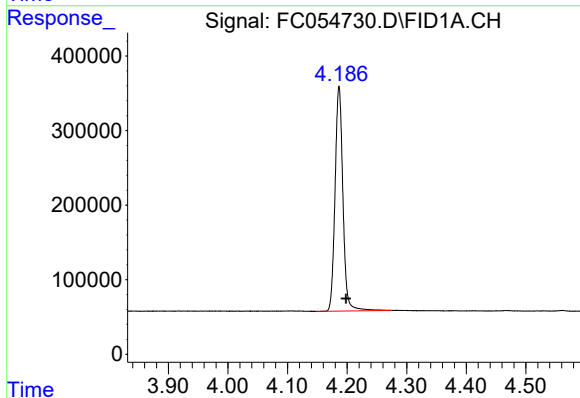
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Signal Info : 20M x 0.18mm x 0.18um





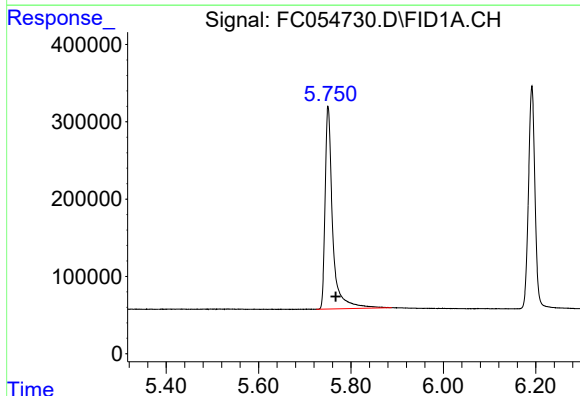
#1 n-Nonane (C9)

R.T.: 3.133 min
Delta R.T.: -0.010 min
Response: 2666207
Conc: 22.67 ug/ml



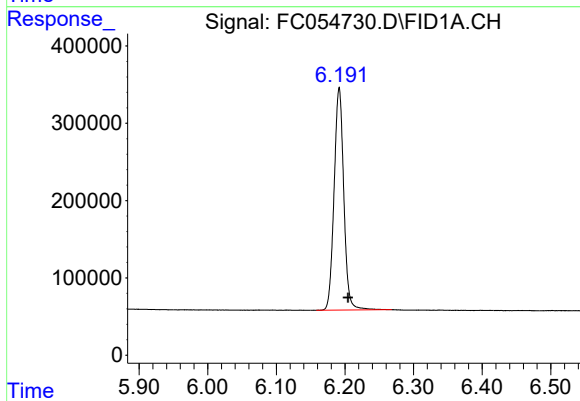
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: -0.012 min
Response: 2766365
Conc: 23.30 ug/ml



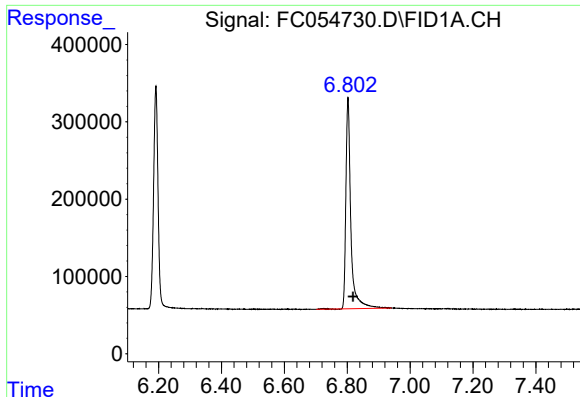
#3 A~Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.016 min
Response: 2984126
Conc: 22.70 ug/ml



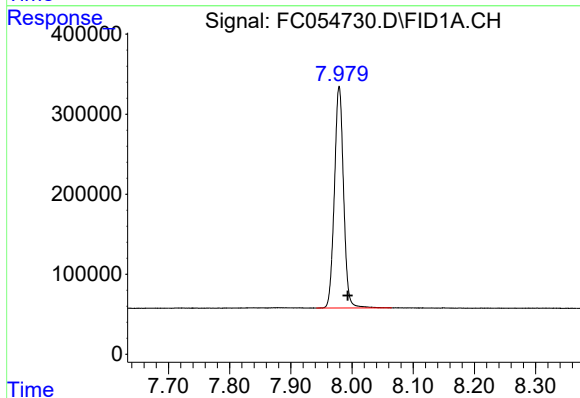
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: -0.013 min
Response: 2821760
Conc: 23.54 ug/ml



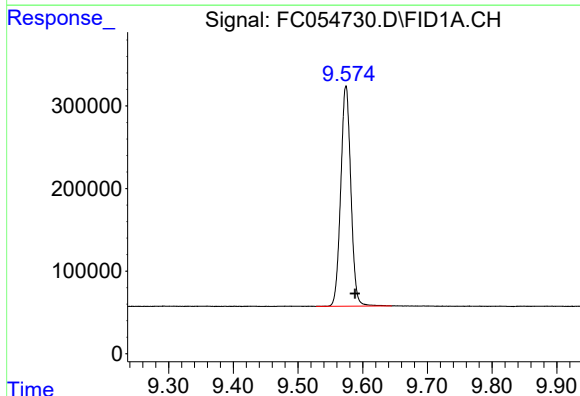
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.017 min
Response: 3003630
Conc: 22.75 ug/ml



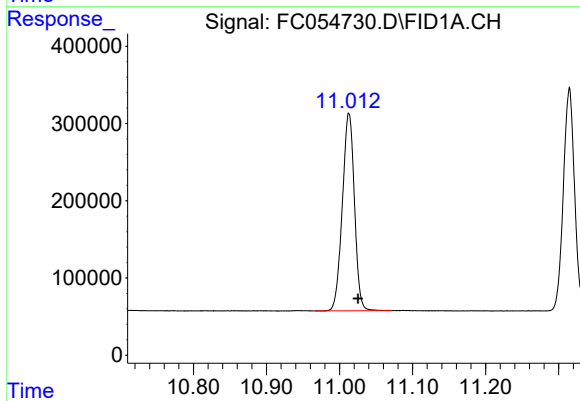
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: -0.014 min
Response: 2885653
Conc: 23.68 ug/ml



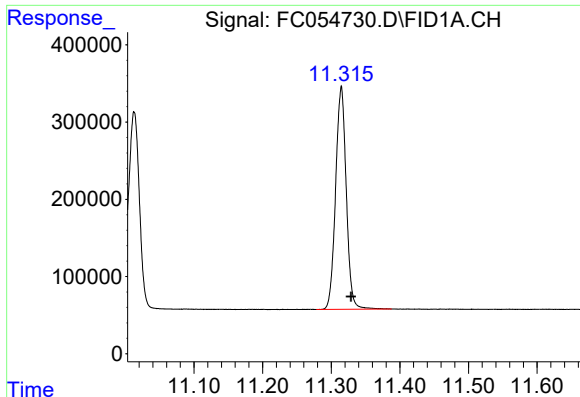
#7 n-Hexadecane (C16)

R.T.: 9.574 min
Delta R.T.: -0.014 min
Response: 2892483
Conc: 23.22 ug/ml



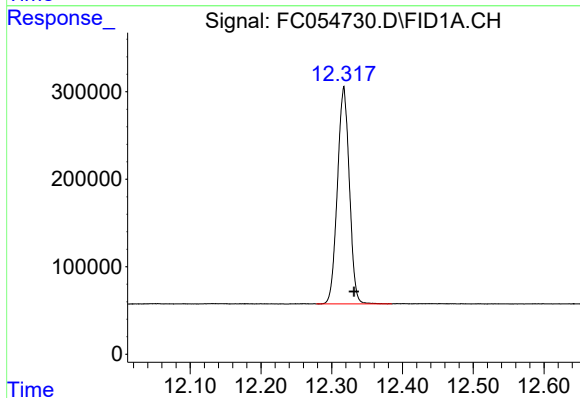
#8 n-Octadecane (C18)

R.T.: 11.013 min
Delta R.T.: -0.013 min
Response: 2944241
Conc: 22.80 ug/ml



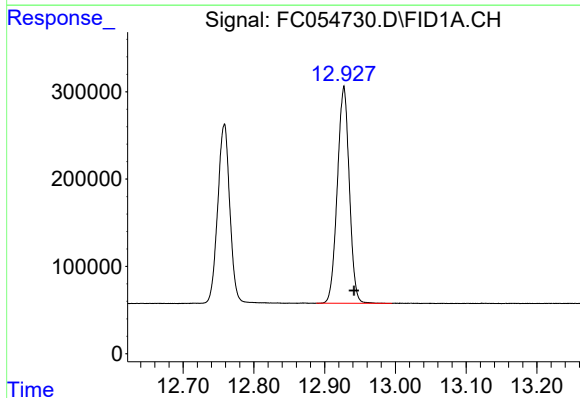
#9 ortho-Terphenyl (SURR)

R.T.: 11.315 min
Delta R.T.: -0.014 min
Response: 3109040
Conc: 21.96 ug/ml



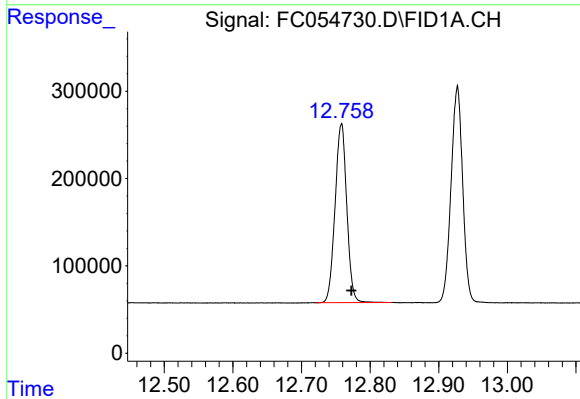
#10 n-Eicosane (C20)

R.T.: 12.317 min
Delta R.T.: -0.015 min
Response: 2903857
Conc: 22.32 ug/ml



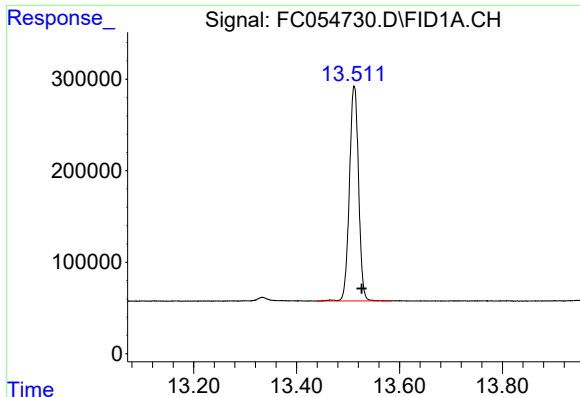
#11 n-Heneicosane (C21)

R.T.: 12.927 min
Delta R.T.: -0.015 min
Response: 2919475
Conc: 21.99 ug/ml



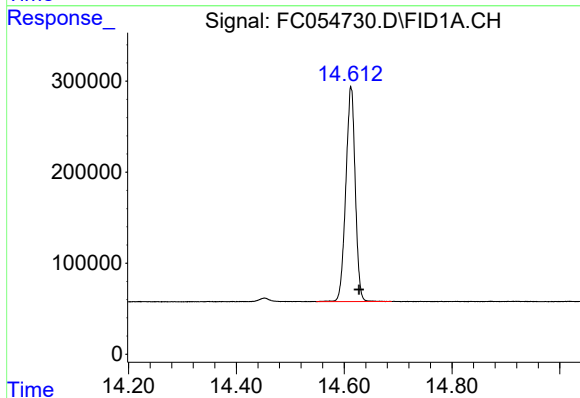
#12 1-chlorooctadecane (SURR)

R.T.: 12.758 min
Delta R.T.: -0.015 min
Response: 2427783
Conc: 21.78 ug/ml



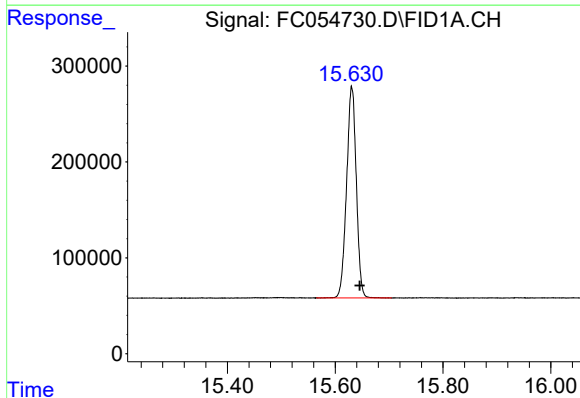
#13 n-Docosane (C22)

R.T.: 13.512 min
Delta R.T.: -0.015 min
Response: 2903381
Conc: 21.92 ug/ml



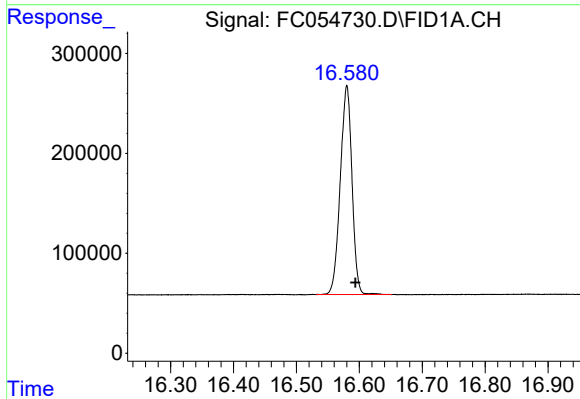
#14 n-Tetracosane (C24)

R.T.: 14.613 min
Delta R.T.: -0.015 min
Response: 2863657
Conc: 21.15 ug/ml



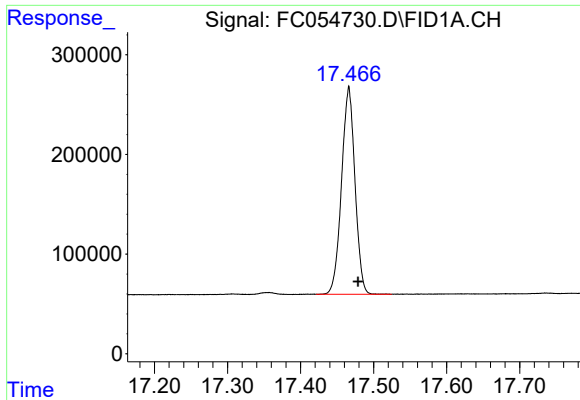
#15 n-Hexacosane (C26)

R.T.: 15.631 min
Delta R.T.: -0.015 min
Response: 2763479
Conc: 20.39 ug/ml



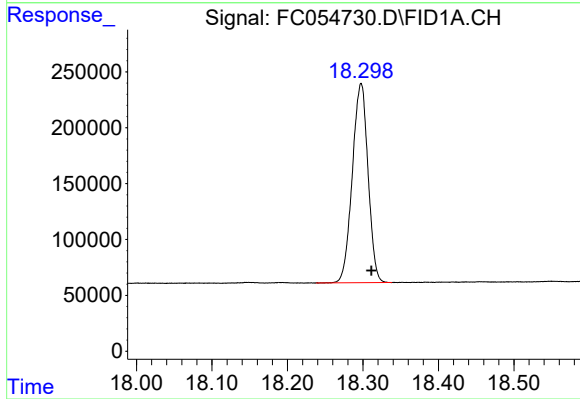
#16 n-Octacosane (C28)

R.T.: 16.580 min
Delta R.T.: -0.014 min
Response: 2711675
Conc: 19.76 ug/ml



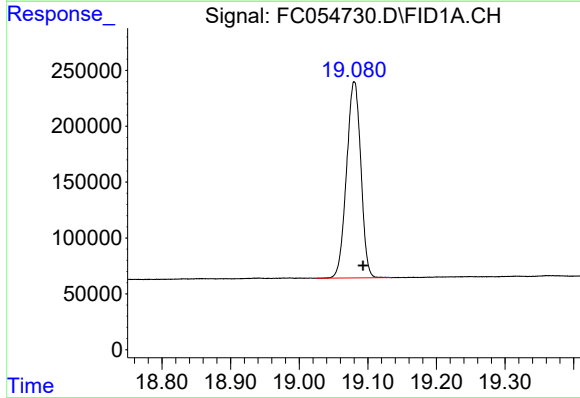
#17 n-Tricontane (C30)

R.T.: 17.466 min
Delta R.T.: -0.013 min
Response: 2655013
Conc: 19.17 ug/ml



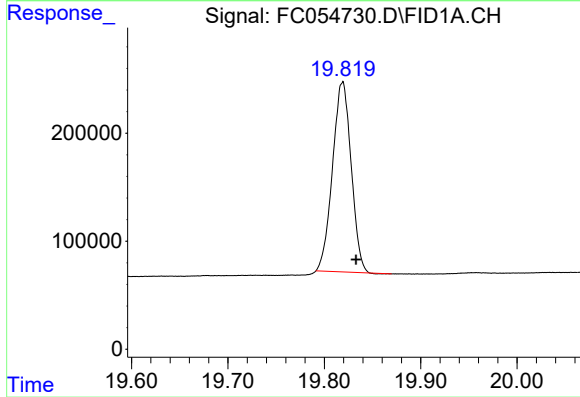
#18 n-Dotriacontane (C32)

R.T.: 18.297 min
Delta R.T.: -0.014 min
Response: 2576628
Conc: 18.83 ug/ml



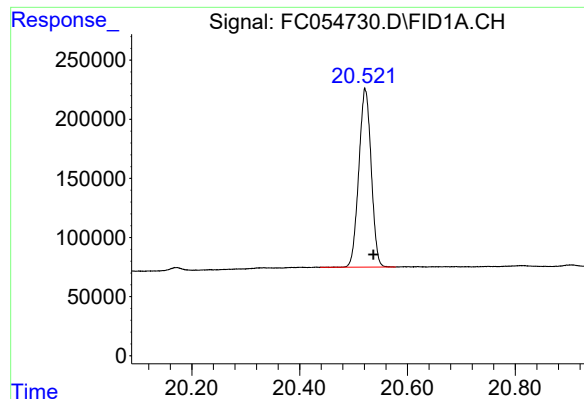
#19 n-Tetratriacontane (C34)

R.T.: 19.080 min
Delta R.T.: -0.013 min
Response: 2542196
Conc: 18.81 ug/ml



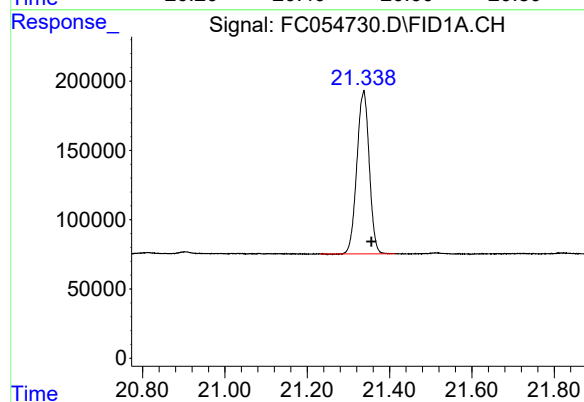
#20 n-Hexatriacontane (C36)

R.T.: 19.819 min
Delta R.T.: -0.014 min
Response: 2357043
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.522 min
Delta R.T.: -0.015 min
Response: 2401305
Conc: 21.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.337 min
Delta R.T.: -0.019 min
Response: 2453740
Conc: 21.71 ug/ml