

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AL\
 Data File : FD036988.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2021 8:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 01:06:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.483	2652366	17.900 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
12) S 1-chlorooctadecane (S...	12.916	2040863	17.536 ug/ml
Spiked Amount 50.000		Recovery =	35.07%
Target Compounds			
1) T n-Nonane (C9)	3.282	2630999	20.698 ug/ml
2) T n-Decane (C10)	4.343	2662586	20.664 ug/ml
3) T A~Naphthalene (C11.7)	5.917	2971565	20.353 ug/ml
4) T n-Dodecane (C12)	6.354	2718809	20.510 ug/ml
5) T A~2-methylnaphthalene...	6.970	3004213	20.065 ug/ml
6) T n-Tetradecane (C14)	8.141	2700512	19.868 ug/ml
7) T n-Hexadecane (C16)	9.736	2603198	19.547 ug/ml
8) T n-Octadecane (C18)	11.171	2610402	18.845 ug/ml
10) T n-Eicosane (C20)	12.475	2493222	18.036 ug/ml
11) T n-Heneicosane (C21)	13.084	2425179	17.615 ug/ml
13) T n-Docosane (C22)	13.667	2353838	17.305 ug/ml
14) T n-Tetracosane (C24)	14.765	2236731	16.871 ug/ml
15) T n-Hexacosane (C26)	15.780	2123699	16.773 ug/ml
16) T n-Octacosane (C28)	16.725	2068525	17.151 ug/ml
17) T n-Tricontane (C30)	17.606	2053535	17.876 ug/ml
18) T n-Dotriacontane (C32)	18.435	2029527	18.452 ug/ml
19) T n-Tetratriacontane (C34)	19.214	2030867	19.774 ug/ml
20) T n-Hexatriacontane (C36)	19.949	2003611	20.506 ug/ml
21) T n-Octatriacontane (C38)	20.659	1953288	21.127 ug/ml
22) T n-Tetracontane (C40)	21.509	2028299	20.109 ug/ml

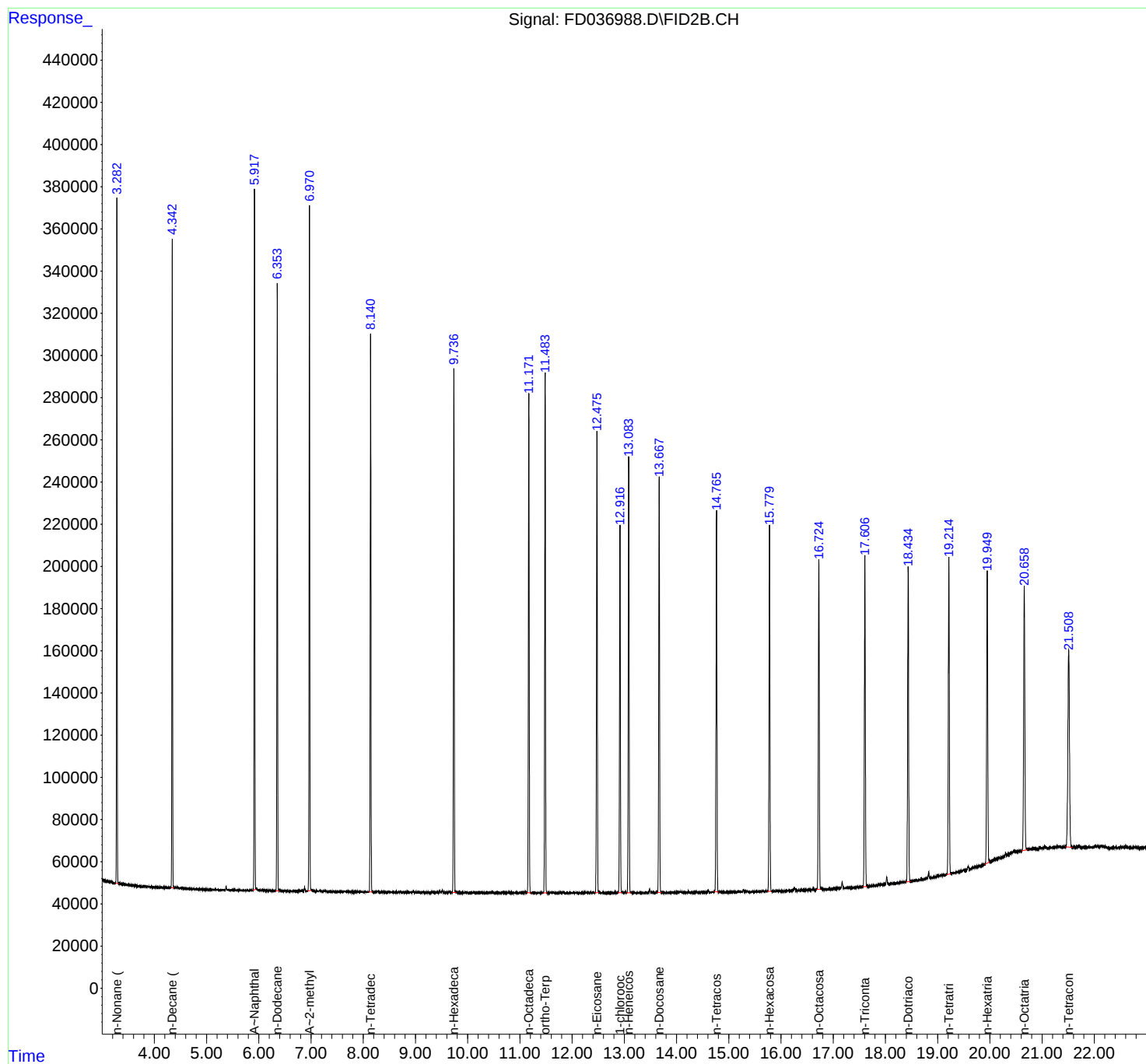
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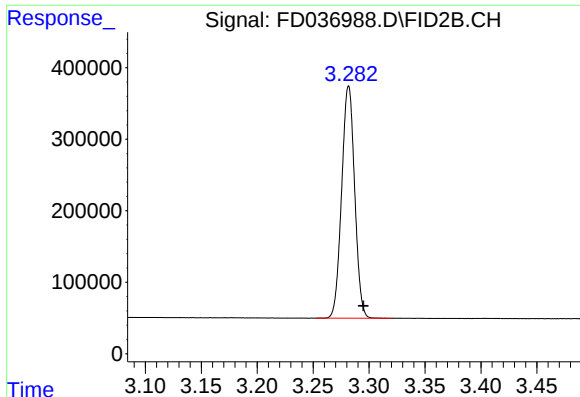
(m)=manual int.

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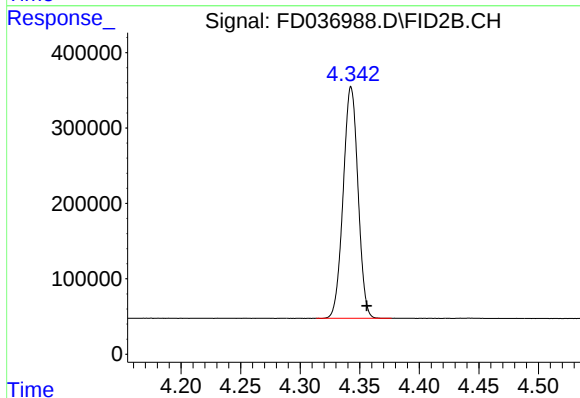
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Signal Info : 20M x 0.18mm x 0.18um





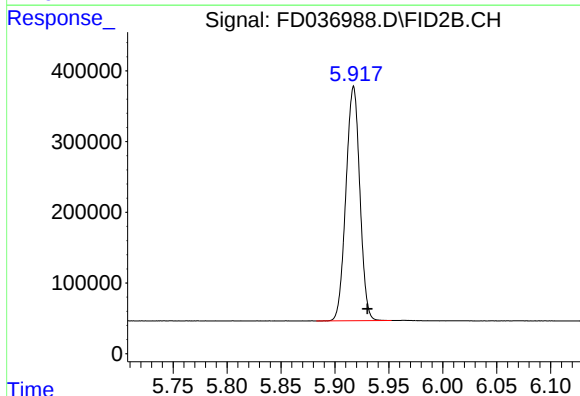
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2630999
Conc: 20.70 ug/ml



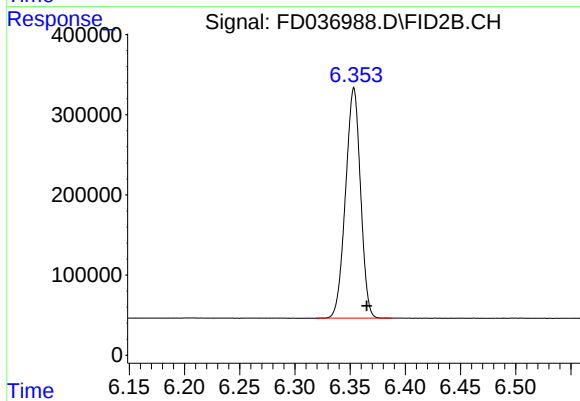
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: -0.013 min
Response: 2662586
Conc: 20.66 ug/ml



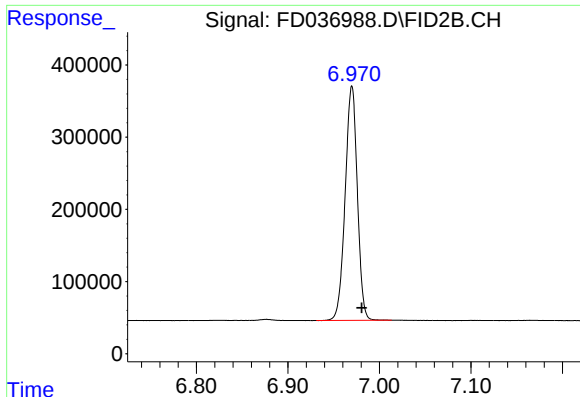
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: -0.013 min
Response: 2971565
Conc: 20.35 ug/ml



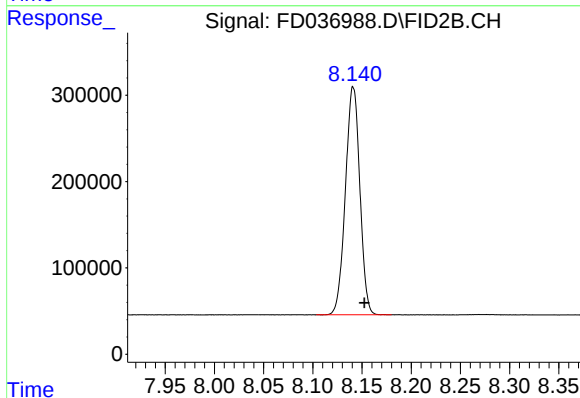
#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: -0.011 min
Response: 2718809
Conc: 20.51 ug/ml



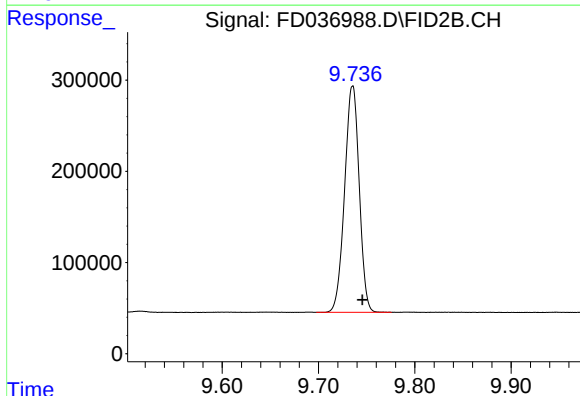
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: -0.011 min
Response: 3004213
Conc: 20.06 ug/ml



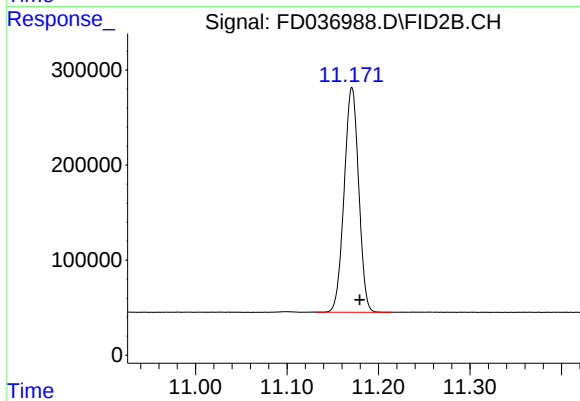
#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: -0.011 min
Response: 2700512
Conc: 19.87 ug/ml



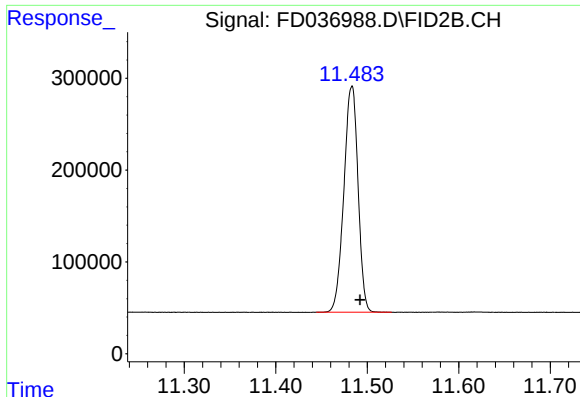
#7 n-Hexadecane (C16)

R.T.: 9.736 min
Delta R.T.: -0.010 min
Response: 2603198
Conc: 19.55 ug/ml



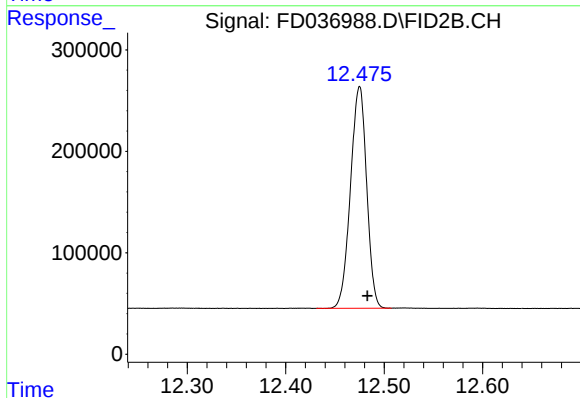
#8 n-Octadecane (C18)

R.T.: 11.171 min
Delta R.T.: -0.009 min
Response: 2610402
Conc: 18.85 ug/ml



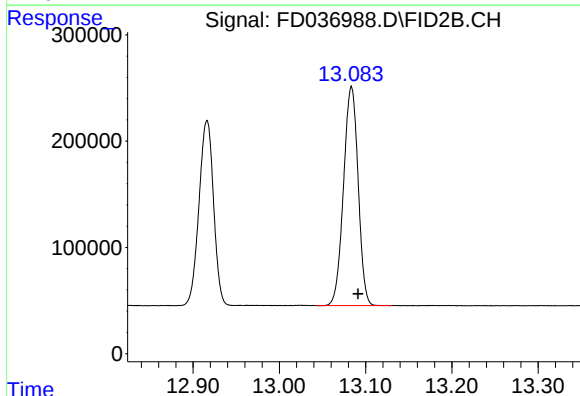
#9 ortho-Terphenyl (SURR)

R.T.: 11.483 min
Delta R.T.: -0.009 min
Response: 2652366
Conc: 17.90 ug/ml



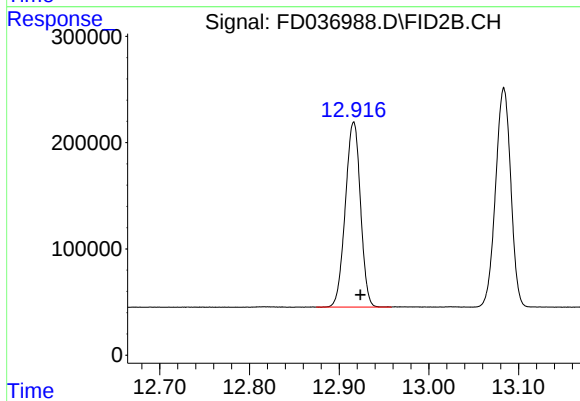
#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: -0.008 min
Response: 2493222
Conc: 18.04 ug/ml



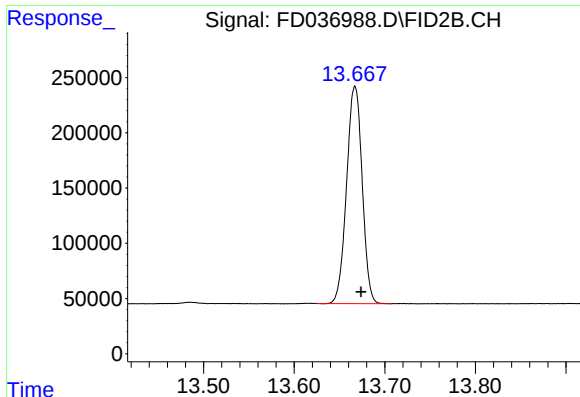
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.008 min
Response: 2425179
Conc: 17.62 ug/ml



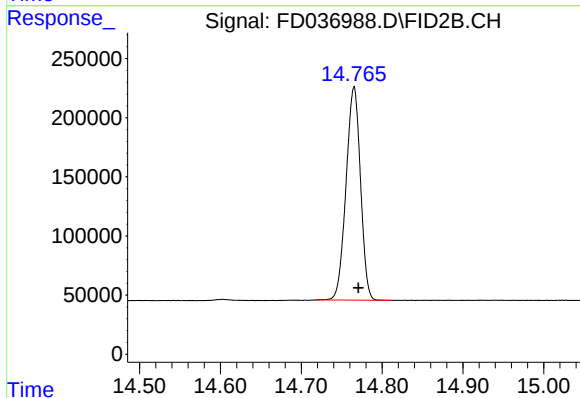
#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min
Delta R.T.: -0.008 min
Response: 2040863
Conc: 17.54 ug/ml



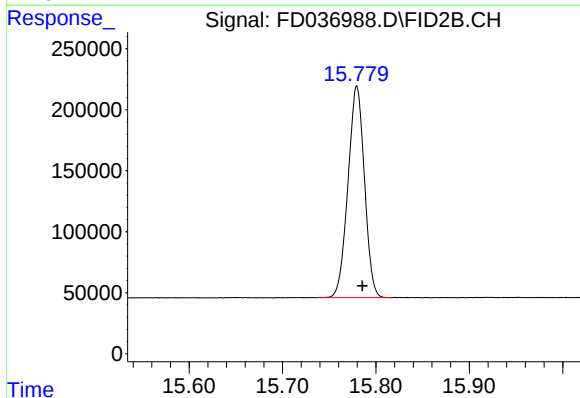
#13 n-Docosane (C22)

R.T.: 13.667 min
Delta R.T.: -0.007 min
Response: 2353838
Conc: 17.30 ug/ml



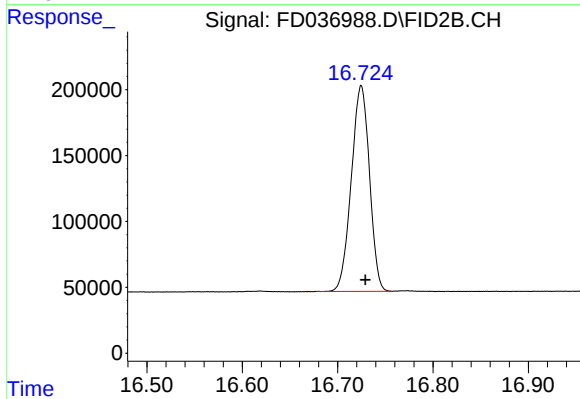
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.006 min
Response: 2236731
Conc: 16.87 ug/ml



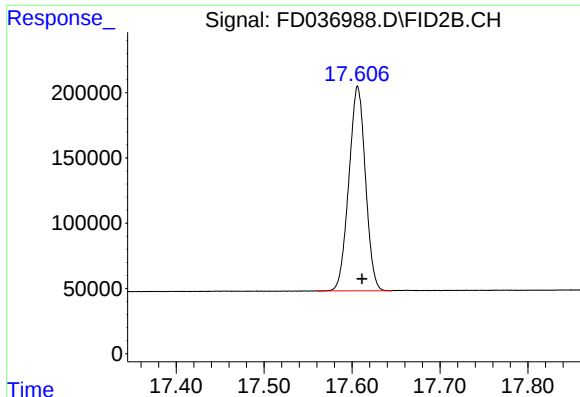
#15 n-Hexacosane (C26)

R.T.: 15.780 min
Delta R.T.: -0.006 min
Response: 2123699
Conc: 16.77 ug/ml



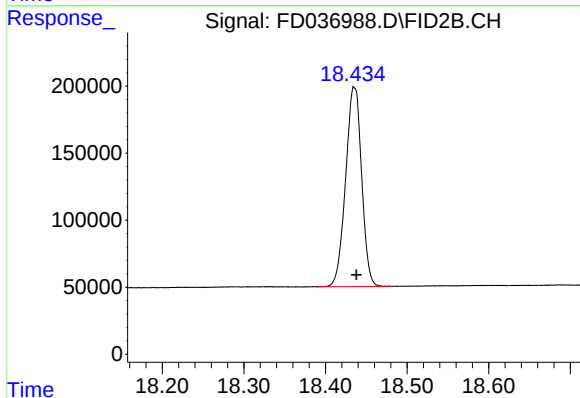
#16 n-Octacosane (C28)

R.T.: 16.725 min
Delta R.T.: -0.004 min
Response: 2068525
Conc: 17.15 ug/ml



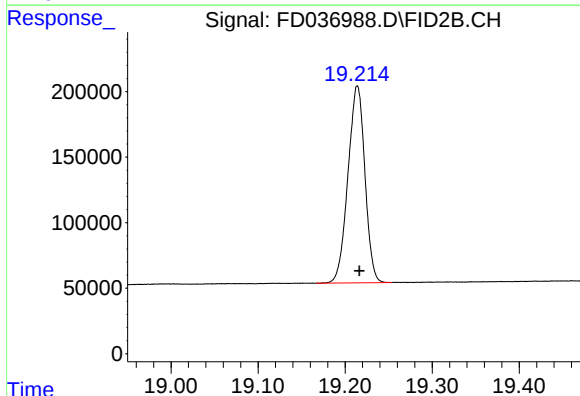
#17 n-Tricontane (C30)

R.T.: 17.606 min
Delta R.T.: -0.005 min
Response: 2053535
Conc: 17.88 ug/ml



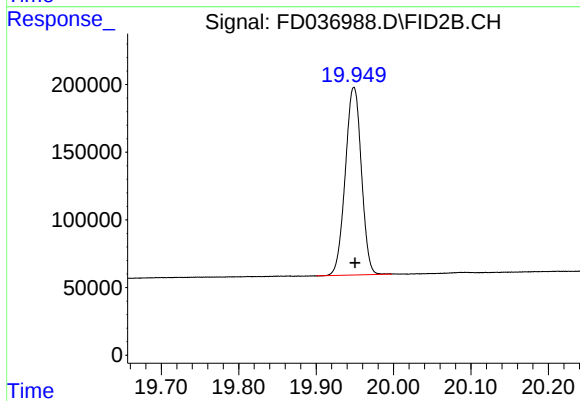
#18 n-Dotriacontane (C32)

R.T.: 18.435 min
Delta R.T.: -0.003 min
Response: 2029527
Conc: 18.45 ug/ml



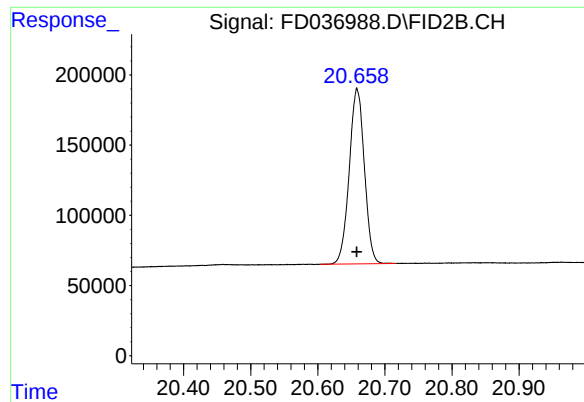
#19 n-Tetratriacontane (C34)

R.T.: 19.214 min
Delta R.T.: -0.002 min
Response: 2030867
Conc: 19.77 ug/ml



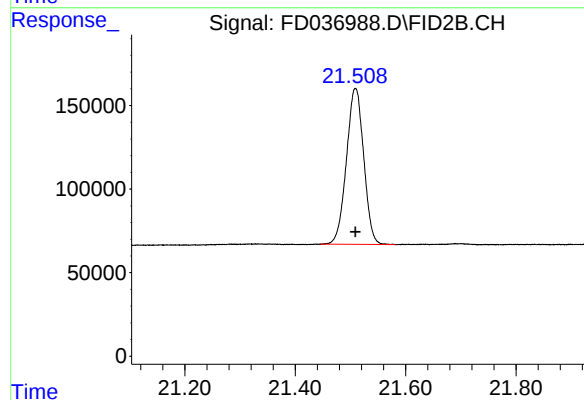
#20 n-Hexatriacontane (C36)

R.T.: 19.949 min
Delta R.T.: -0.002 min
Response: 2003611
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.659 min
Delta R.T.: 0.000 min
Response: 1953288
Conc: 21.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.000 min
Response: 2028299
Conc: 20.11 ug/ml