

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090821AL\
 Data File : FD038793.D
 Signal(s) : FID2B.CH
 Acq On : 08 Sep 2021 21:25
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 09 01:25:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.685	2817545	19.169 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	13.111	2224802	19.127 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
Target Compounds			
1) T n-Nonane (C9)	3.442	2560861	20.107 ug/ml
2) T n-Decane (C10)	4.512	2615772	20.195 ug/ml
3) T A~Naphthalene (C11.7)	6.104	2925530	20.090 ug/ml
4) T n-Dodecane (C12)	6.529	2640581	20.102 ug/ml
5) T A~2-methylnaphthalene...	7.160	2954382	19.974 ug/ml
6) T n-Tetradecane (C14)	8.322	2682070	19.899 ug/ml
7) T n-Hexadecane (C16)	9.920	2688117	19.660 ug/ml
8) T n-Octadecane (C18)	11.359	2725591	19.503 ug/ml
10) T n-Eicosane (C20)	12.666	2662225	19.308 ug/ml
11) T n-Heneicosane (C21)	13.276	2662487	19.157 ug/ml
13) T n-Docosane (C22)	13.861	2613184	19.181 ug/ml
14) T n-Tetracosane (C24)	14.960	2562768	19.182 ug/ml
15) T n-Hexacosane (C26)	15.978	2442166	19.258 ug/ml
16) T n-Octacosane (C28)	16.924	2328134	19.253 ug/ml
17) T n-Tricontane (C30)	17.808	2216091	19.319 ug/ml
18) T n-Dotriacontane (C32)	18.637	2098450	19.403 ug/ml
19) T n-Tetratriacontane (C34)	19.417	2035617	19.553 ug/ml
20) T n-Hexatriacontane (C36)	20.152	1959820	19.988 ug/ml
21) T n-Octatriacontane (C38)	20.895	1919094	20.353 ug/ml
22) T n-Tetracontane (C40)	21.828	1960264	20.704 ug/ml

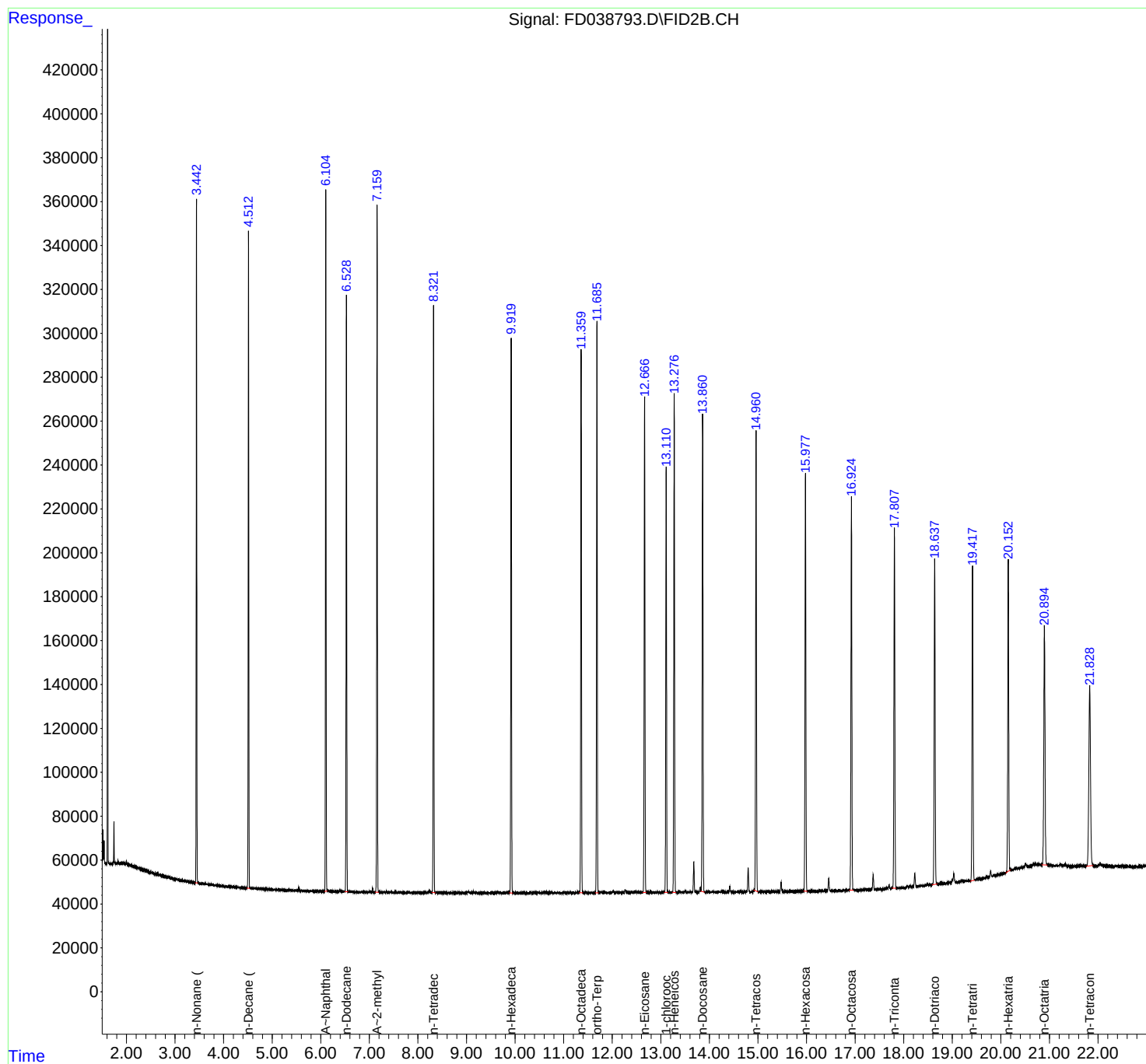
(f)=RT Delta > 1/2 Window

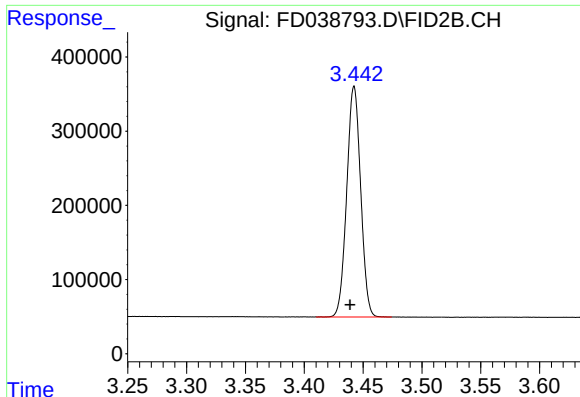
(m)=manual int.

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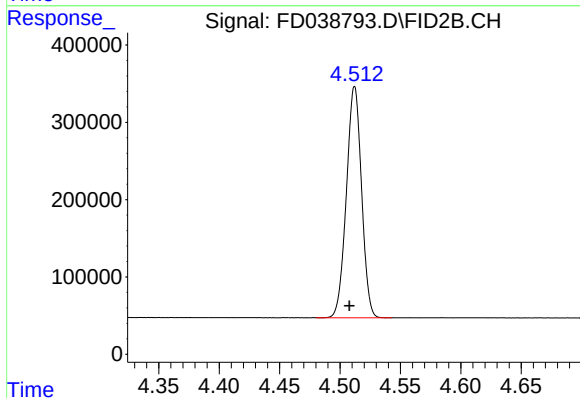
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





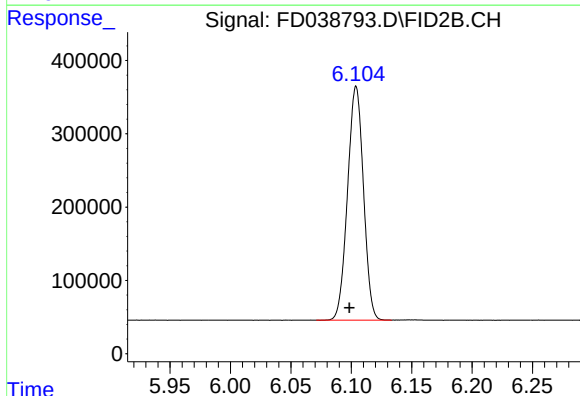
#1 n-Nonane (C9)

R.T.: 3.442 min
Delta R.T.: 0.003 min
Response: 2560861
Conc: 20.11 ug/ml



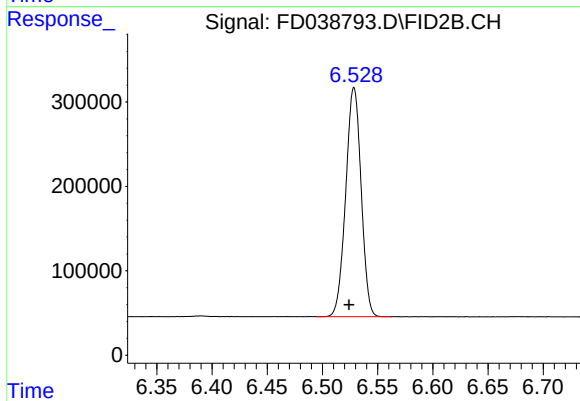
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: 0.004 min
Response: 2615772
Conc: 20.20 ug/ml



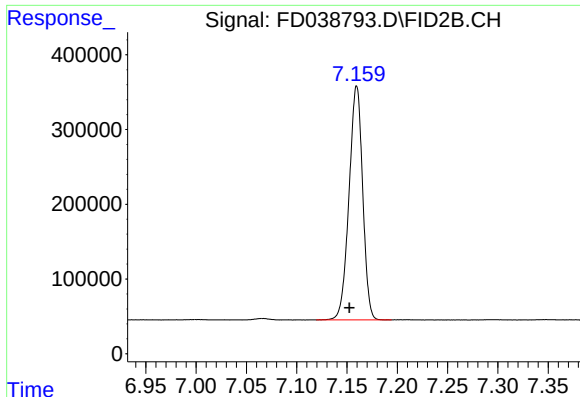
#3 A~Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: 0.005 min
Response: 2925530
Conc: 20.09 ug/ml



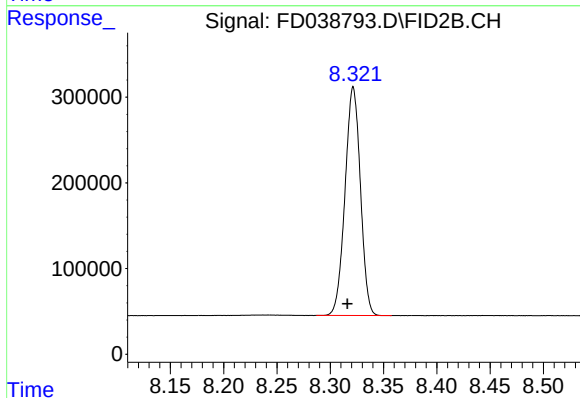
#4 n-Dodecane (C12)

R.T.: 6.529 min
Delta R.T.: 0.005 min
Response: 2640581
Conc: 20.10 ug/ml



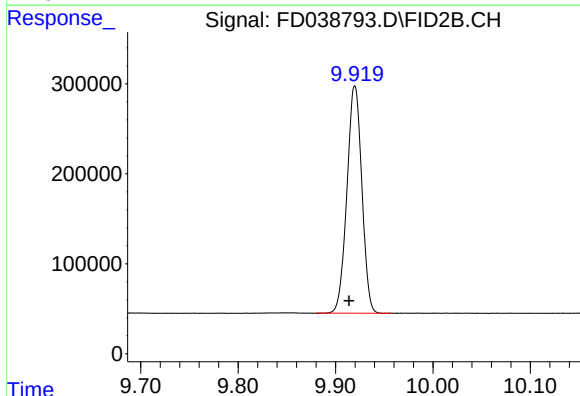
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.160 min
Delta R.T.: 0.007 min
Response: 2954382
Conc: 19.97 ug/ml



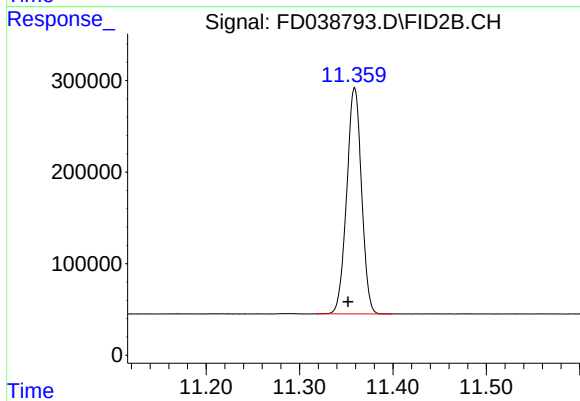
#6 n-Tetradecane (C14)

R.T.: 8.322 min
Delta R.T.: 0.006 min
Response: 2682070
Conc: 19.90 ug/ml



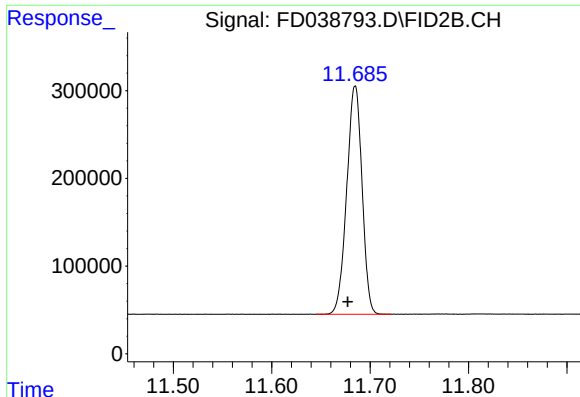
#7 n-Hexadecane (C16)

R.T.: 9.920 min
Delta R.T.: 0.006 min
Response: 2688117
Conc: 19.66 ug/ml



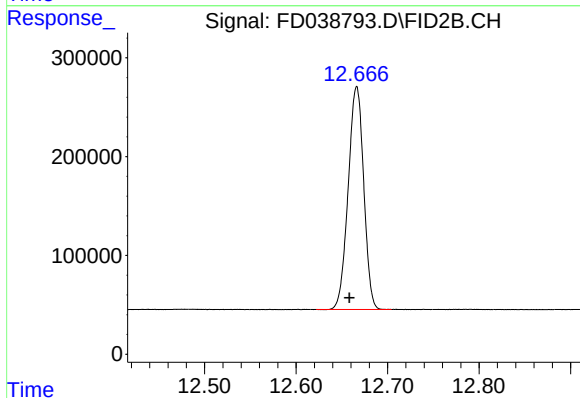
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.007 min
Response: 2725591
Conc: 19.50 ug/ml



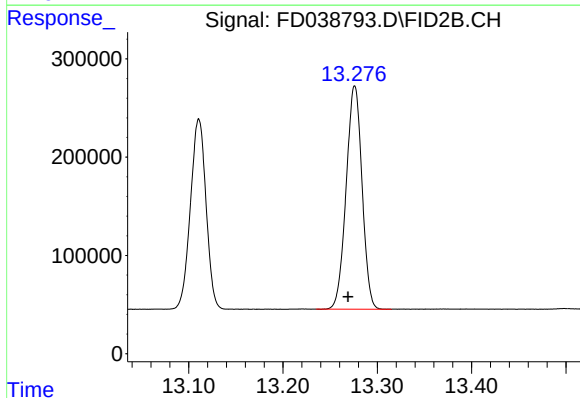
#9 ortho-Terphenyl (SURR)

R.T.: 11.685 min
Delta R.T.: 0.008 min
Response: 2817545
Conc: 19.17 ug/ml



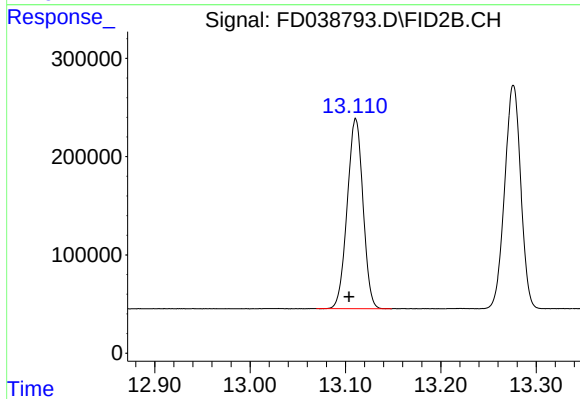
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: 0.008 min
Response: 2662225
Conc: 19.31 ug/ml



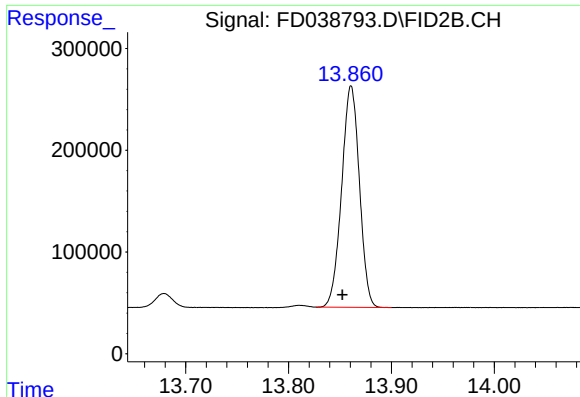
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: 0.007 min
Response: 2662487
Conc: 19.16 ug/ml



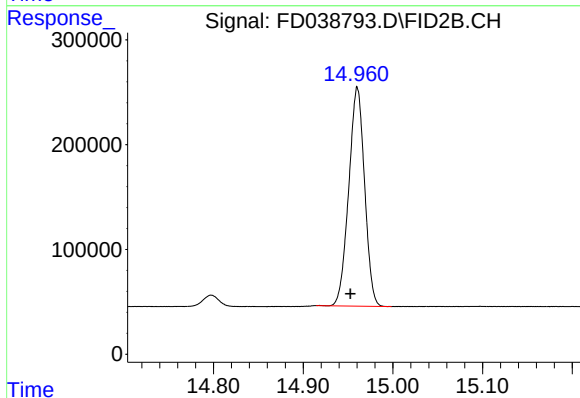
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: 0.007 min
Response: 2224802
Conc: 19.13 ug/ml



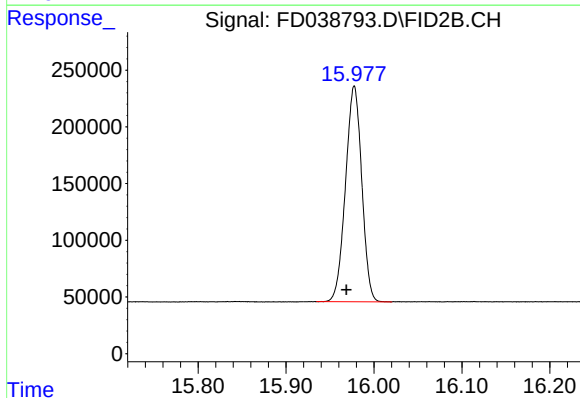
#13 n-Docosane (C22)

R.T.: 13.861 min
Delta R.T.: 0.008 min
Response: 2613184
Conc: 19.18 ug/ml



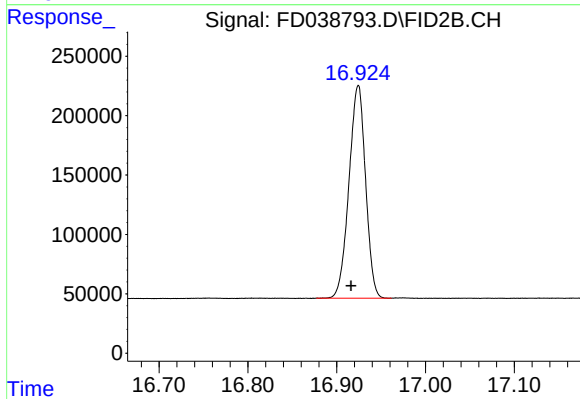
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: 0.008 min
Response: 2562768
Conc: 19.18 ug/ml



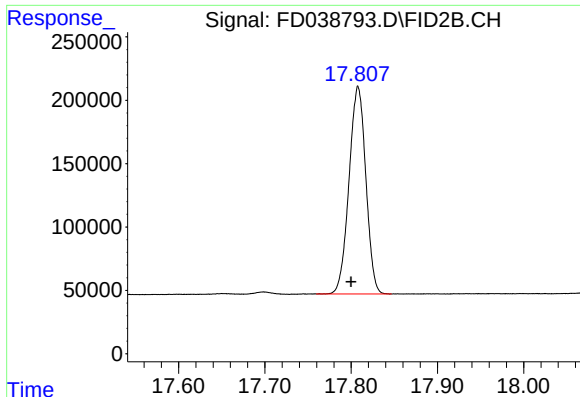
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: 0.009 min
Response: 2442166
Conc: 19.26 ug/ml



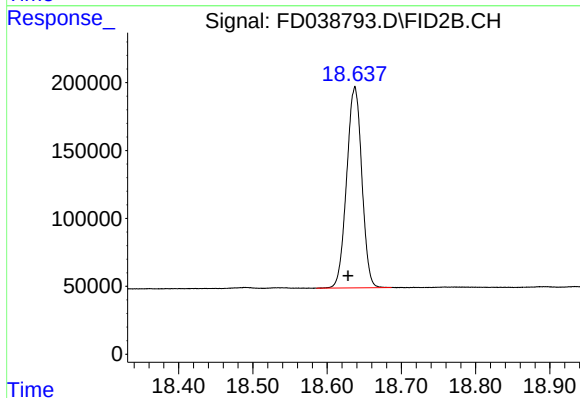
#16 n-Octacosane (C28)

R.T.: 16.924 min
Delta R.T.: 0.008 min
Response: 2328134
Conc: 19.25 ug/ml



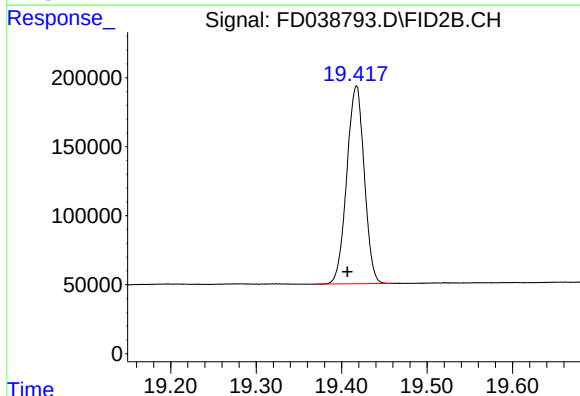
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: 0.008 min
Response: 2216091
Conc: 19.32 ug/ml



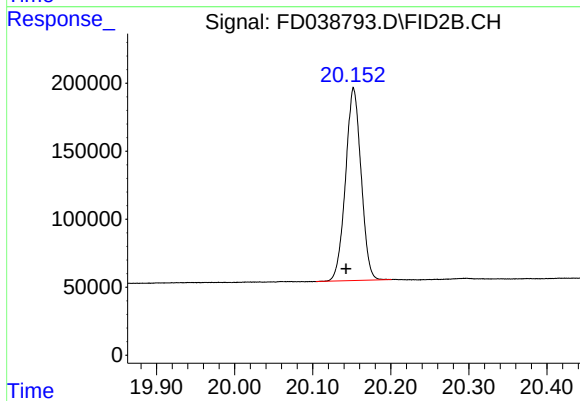
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: 0.009 min
Response: 2098450
Conc: 19.40 ug/ml



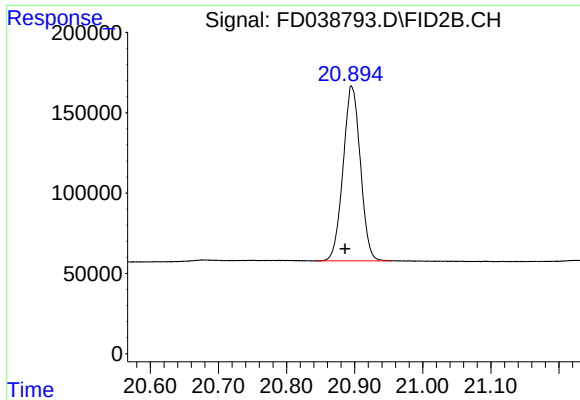
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: 0.011 min
Response: 2035617
Conc: 19.55 ug/ml



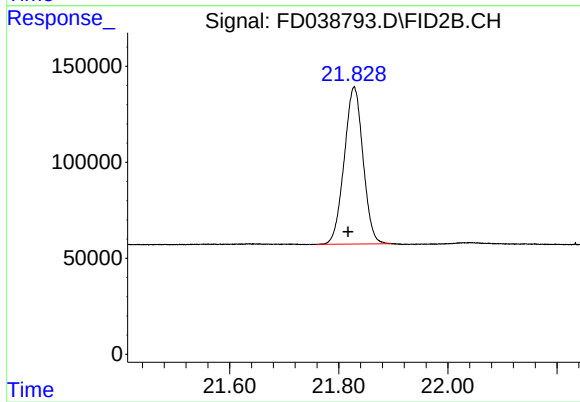
#20 n-Hexatriacontane (C36)

R.T.: 20.152 min
Delta R.T.: 0.010 min
Response: 1959820
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.895 min
Delta R.T.: 0.009 min
Response: 1919094
Conc: 20.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.828 min
Delta R.T.: 0.011 min
Response: 1960264
Conc: 20.70 ug/ml