

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022322AL\
 Data File : FD041243.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2022 22:16
 Operator : UA/NP
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 24 00:47:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 00:47:02 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)	11.260	16507467	95.834 ug/ml
Spiked Amount 50.000		Recovery =	191.67%
12) S 1-chlorooctadecane (S...	12.696	12966514	96.199 ug/ml
Spiked Amount 50.000		Recovery =	192.40%
Target Compounds			
1) T n-Nonane (C9)	3.115	13982242	96.446 ug/ml
2) T n-Decane (C10)	4.162	13895612	96.624 ug/ml
3) T A~Naphthalene (C11.7)	5.713	15805750	98.970 ug/ml
4) T n-Dodecane (C12)	6.160	14253714	96.526 ug/ml
5) T A~2-methylnaphthalene...	6.760	16002096	98.842 ug/ml
6) T n-Tetradecane (C14)	7.938	14415290	96.556 ug/ml
7) T n-Hexadecane (C16)	9.528	14641041	96.396 ug/ml
8) T n-Octadecane (C18)	10.961	14831251	95.878 ug/ml
10) T n-Eicosane (C20)	12.259	14786871	95.759 ug/ml
11) T n-Heneicosane (C21)	12.868	14858855	95.673 ug/ml
13) T n-Docosane (C22)	13.451	14855819	95.769 ug/ml
14) T n-Tetracosane (C24)	14.546	14800341	95.533 ug/ml
15) T n-Hexacosane (C26)	15.562	14511931	95.666 ug/ml
16) T n-Octacosane (C28)	16.506	14074029	95.865 ug/ml
17) T n-Tricontane (C30)	17.388	13322232	96.304 ug/ml
18) T n-Dotriacontane (C32)	18.216	12101565	97.454 ug/ml
19) T n-Tetratriacontane (C34)	18.995	10887233	97.623 ug/ml
20) T n-Hexatriacontane (C36)	19.731	9845475	96.162 ug/ml
21) T n-Octatriacontane (C38)	20.428	9470026	103.404 ug/ml
22) T n-Tetracontane (C40)	21.218	9215813	97.301 ug/ml

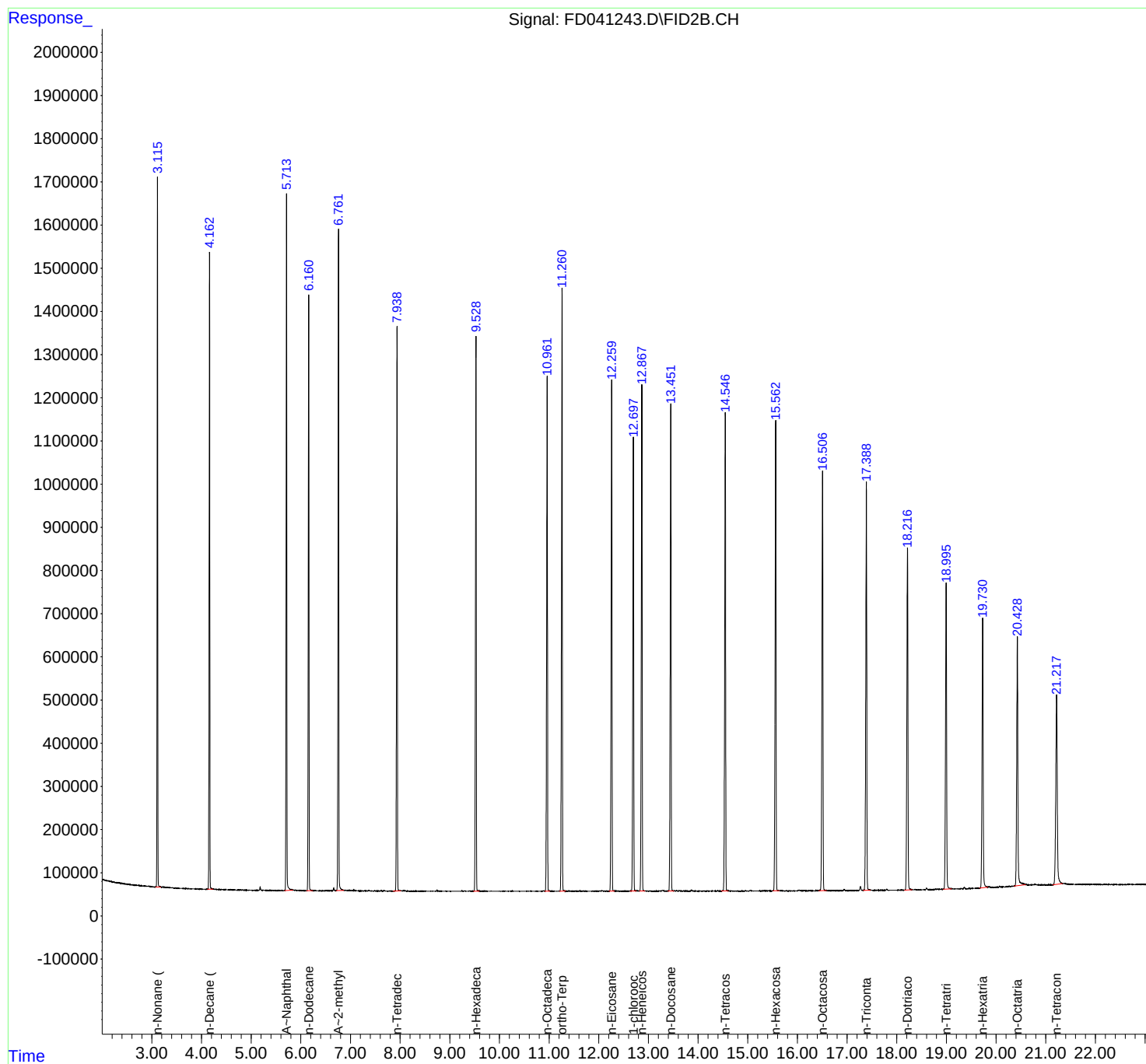
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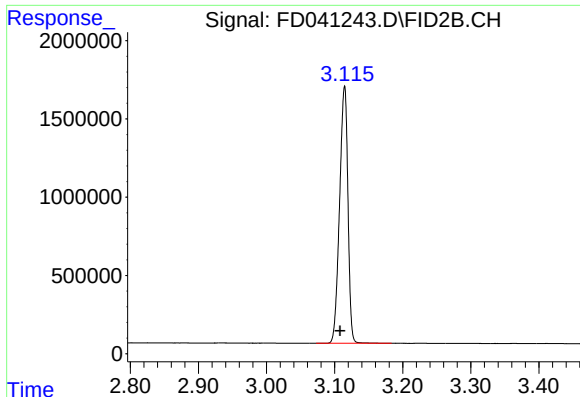
(m)=manual int.

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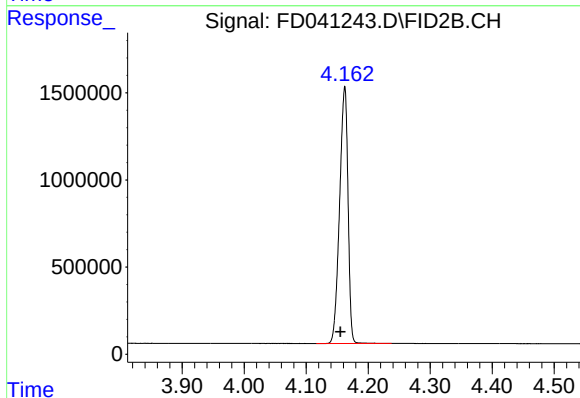
Volume Inj. : 1 u1
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Signal Info : 20M x 0.18mm x 0.18um





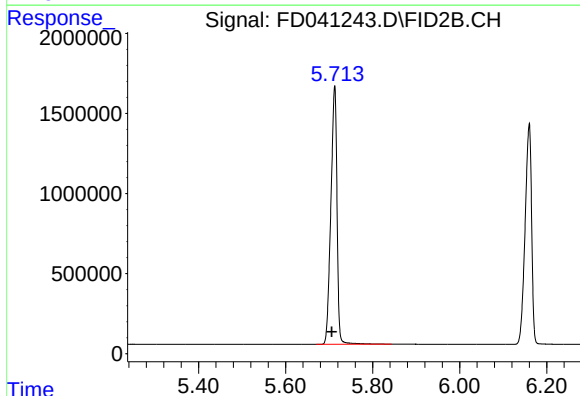
#1 n-Nonane (C9)

R.T.: 3.115 min
Delta R.T.: 0.007 min
Response: 13982242
Conc: 96.45 ug/ml



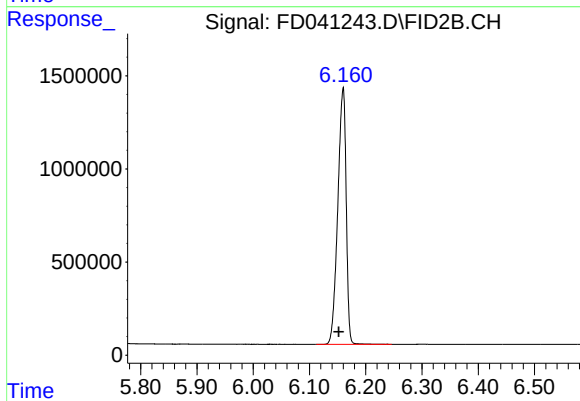
#2 n-Decane (C10)

R.T.: 4.162 min
Delta R.T.: 0.007 min
Response: 13895612
Conc: 96.62 ug/ml



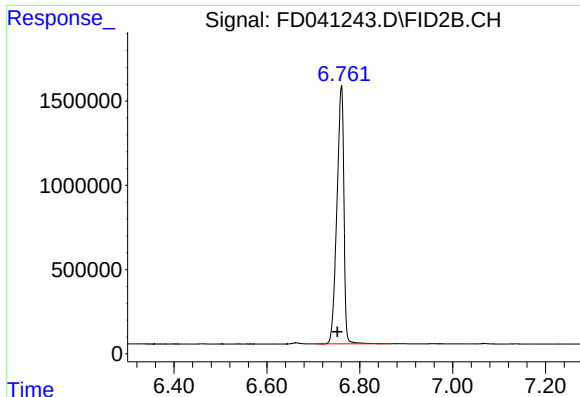
#3 A~Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: 0.007 min
Response: 15805750
Conc: 98.97 ug/ml



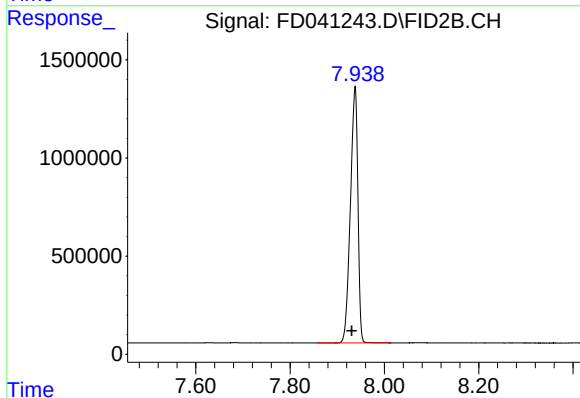
#4 n-Dodecane (C12)

R.T.: 6.160 min
Delta R.T.: 0.008 min
Response: 14253714
Conc: 96.53 ug/ml



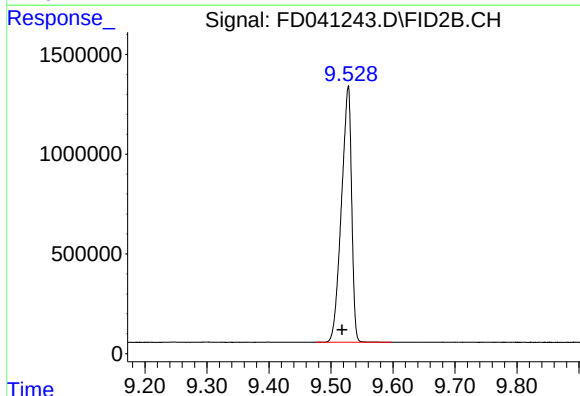
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: 0.009 min
Response: 16002096
Conc: 98.84 ug/ml



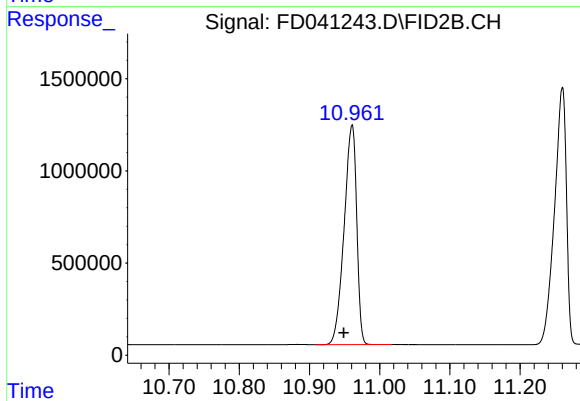
#6 n-Tetradecane (C14)

R.T.: 7.938 min
Delta R.T.: 0.008 min
Response: 14415290
Conc: 96.56 ug/ml



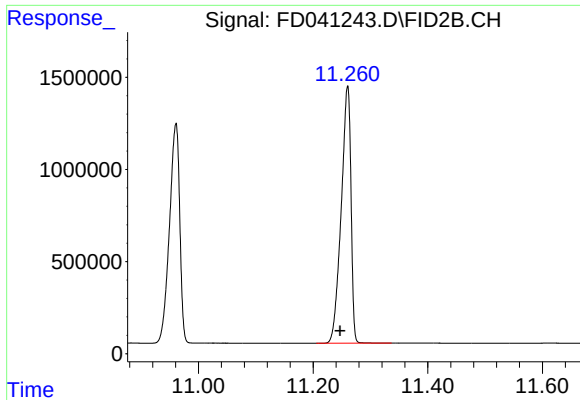
#7 n-Hexadecane (C16)

R.T.: 9.528 min
Delta R.T.: 0.010 min
Response: 14641041
Conc: 96.40 ug/ml



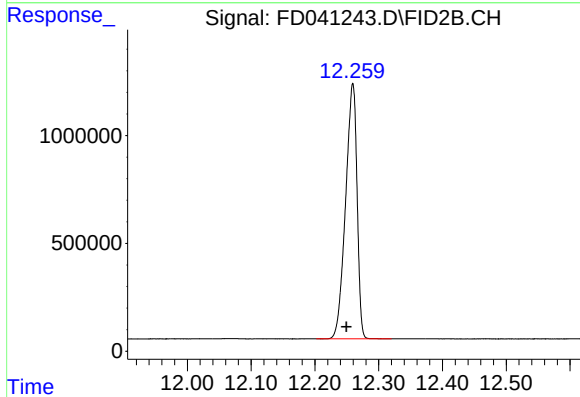
#8 n-Octadecane (C18)

R.T.: 10.961 min
Delta R.T.: 0.012 min
Response: 14831251
Conc: 95.88 ug/ml



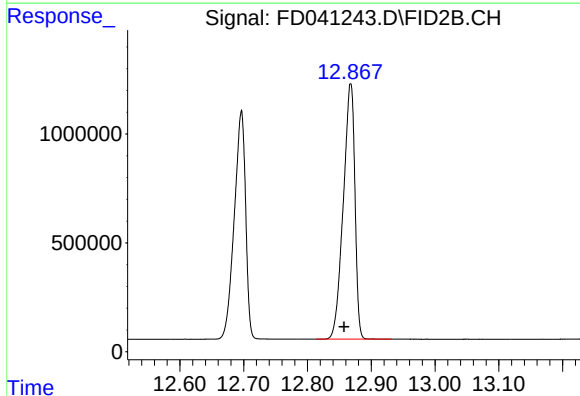
#9 ortho-Terphenyl (SURR)

R.T.: 11.260 min
Delta R.T.: 0.013 min
Response: 16507467
Conc: 95.83 ug/ml



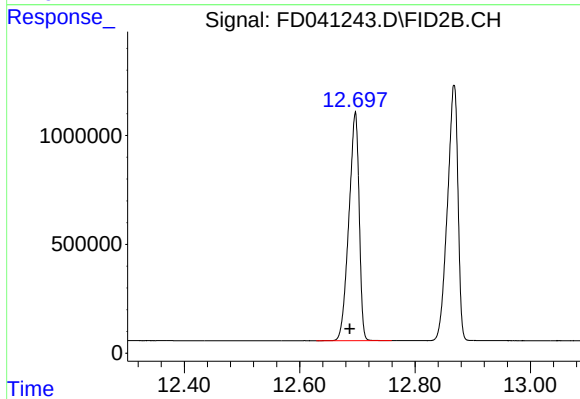
#10 n-Eicosane (C20)

R.T.: 12.259 min
Delta R.T.: 0.010 min
Response: 14786871
Conc: 95.76 ug/ml



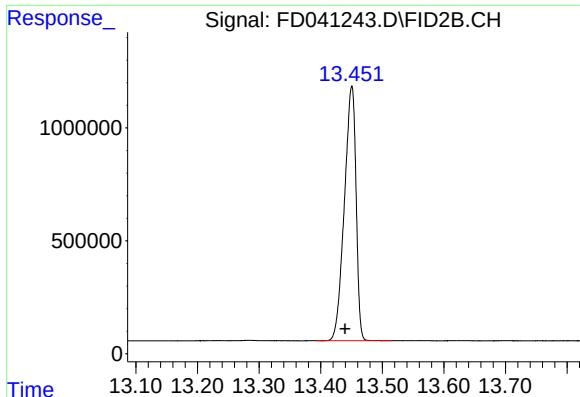
#11 n-Heneicosane (C21)

R.T.: 12.868 min
Delta R.T.: 0.011 min
Response: 14858855
Conc: 95.67 ug/ml



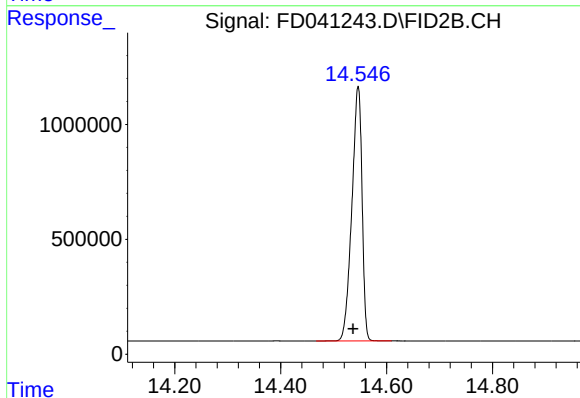
#12 1-chlorooctadecane (SURR)

R.T.: 12.696 min
Delta R.T.: 0.010 min
Response: 12966514
Conc: 96.20 ug/ml



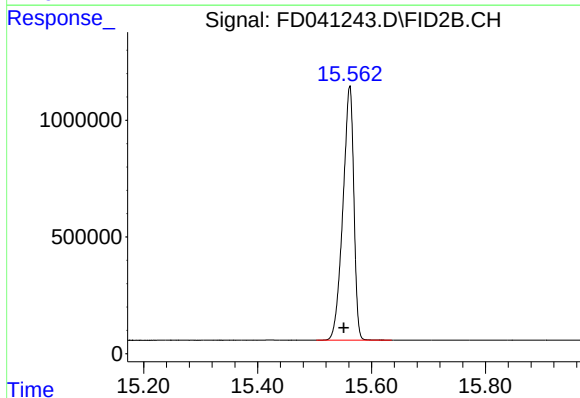
#13 n-Docosane (C22)

R.T.: 13.451 min
Delta R.T.: 0.011 min
Response: 14855819
Conc: 95.77 ug/ml



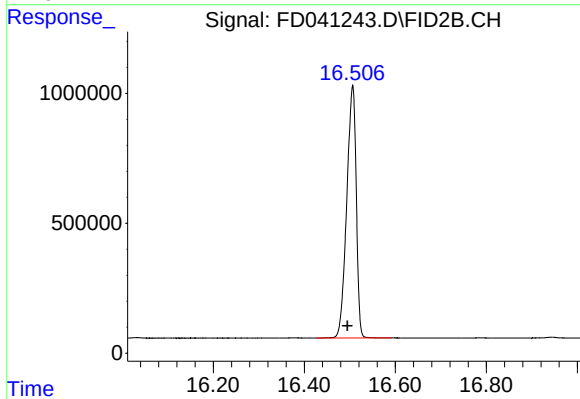
#14 n-Tetracosane (C24)

R.T.: 14.546 min
Delta R.T.: 0.010 min
Response: 14800341
Conc: 95.53 ug/ml



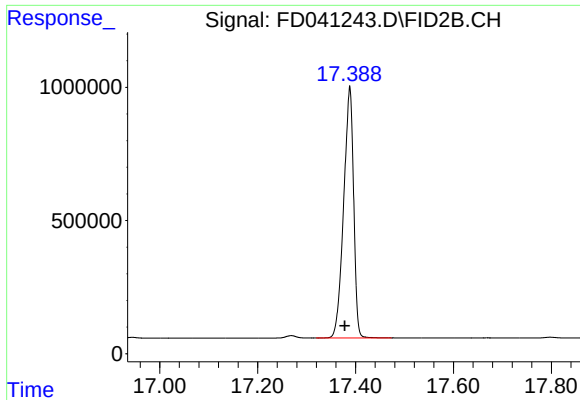
#15 n-Hexacosane (C26)

R.T.: 15.562 min
Delta R.T.: 0.011 min
Response: 14511931
Conc: 95.67 ug/ml



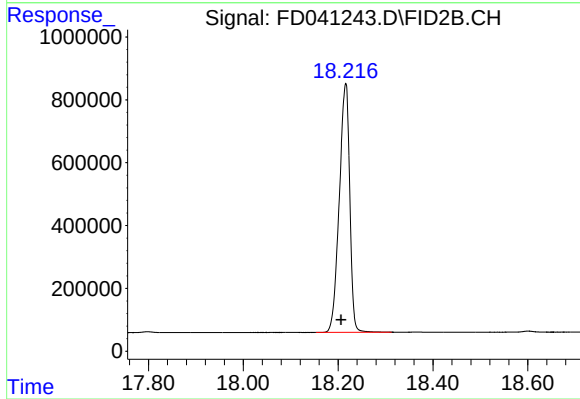
#16 n-Octacosane (C28)

R.T.: 16.506 min
Delta R.T.: 0.012 min
Response: 14074029
Conc: 95.86 ug/ml



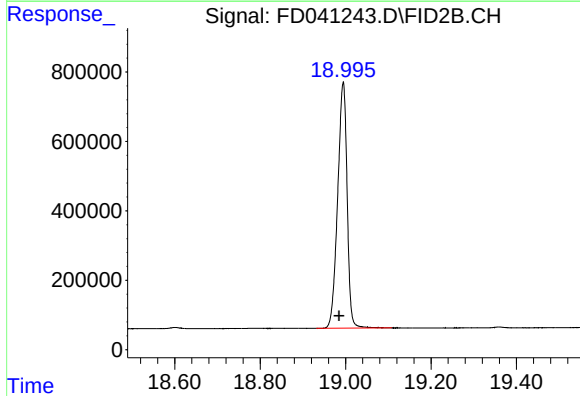
#17 n-Tricontane (C30)

R.T.: 17.388 min
Delta R.T.: 0.010 min
Response: 13322232
Conc: 96.30 ug/ml



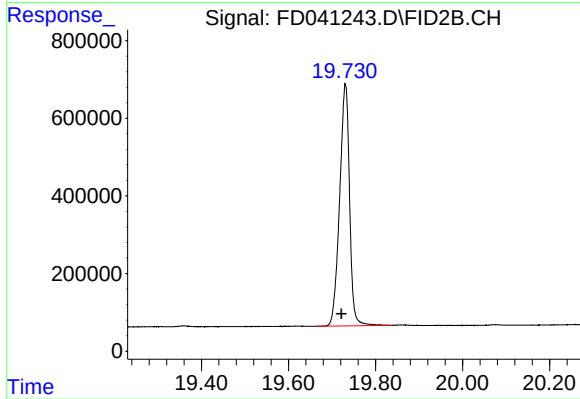
#18 n-Dotriacontane (C32)

R.T.: 18.216 min
Delta R.T.: 0.010 min
Response: 12101565
Conc: 97.45 ug/ml



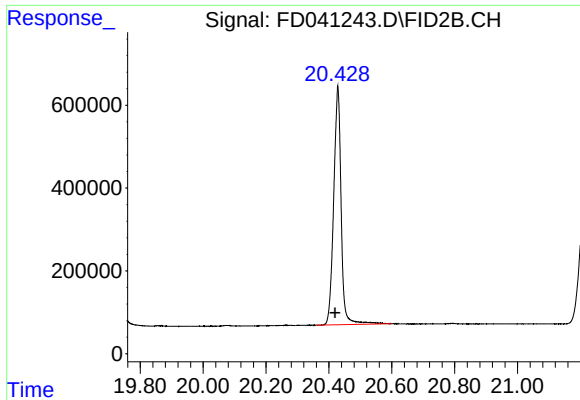
#19 n-Tetratriacontane (C34)

R.T.: 18.995 min
Delta R.T.: 0.010 min
Response: 10887233
Conc: 97.62 ug/ml



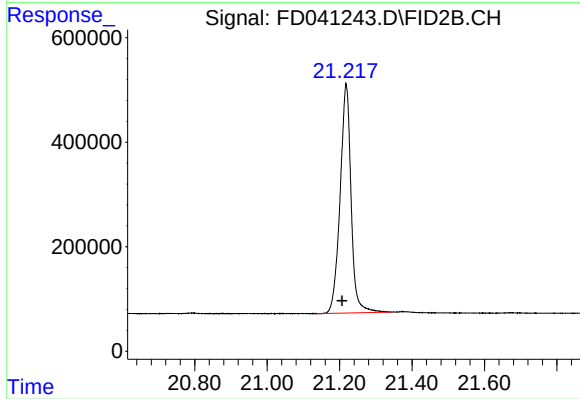
#20 n-Hexatriacontane (C36)

R.T.: 19.731 min
Delta R.T.: 0.009 min
Response: 9845475
Conc: 96.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.428 min
Delta R.T.: 0.009 min
Response: 9470026
Conc: 103.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.218 min
Delta R.T.: 0.011 min
Response: 9215813
Conc: 97.30 ug/ml