Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112720AL\
Data File : FD035707.D
Signal(s) : FID2B.CH
Acq On : 28 Nov 2020 1:54
Operator : DD\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Nov 28 03:55:18 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 112720.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 03:49:49 2020
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)	11.520	6908816	48.386 ug/ml
Spiked Amount 50.000		Recovery =	96.77%
12) S 1-chlorooctadecane (S...	12.951	5566130	48.422 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
Target Compounds			
1) T n-Nonane (C9)	3.311	5970279	48.428 ug/ml
2) T n-Decane (C10)	4.373	6036880	48.671 ug/ml
3) T A~Naphthalene (C11.7)	5.953	6680446	49.312 ug/ml
4) T n-Dodecane (C12)	6.383	6204465	48.468 ug/ml
5) T A~2-methylnaphthalene...	7.007	6853810	49.567 ug/ml
6) T n-Tetradecane (C14)	8.172	6239815	48.484 ug/ml
7) T n-Hexadecane (C16)	9.767	6184670	48.463 ug/ml
8) T n-Octadecane (C18)	11.204	6476412	48.327 ug/ml
10) T n-Eicosane (C20)	12.508	6542828	48.246 ug/ml
11) T n-Heneicosane (C21)	13.118	6530725	48.211 ug/ml
13) T n-Docosane (C22)	13.702	6525948	48.239 ug/ml
14) T n-Tetracosane (C24)	14.800	6475333	48.147 ug/ml
15) T n-Hexacosane (C26)	15.816	6303772	48.120 ug/ml
16) T n-Octacosane (C28)	16.761	6115743	48.092 ug/ml
17) T n-Tricontane (C30)	17.645	5775508	48.201 ug/ml
18) T n-Dotriacontane (C32)	18.473	5159539	48.223 ug/ml
19) T n-Tetratriacontane (C34)	19.251	4710185	48.449 ug/ml
20) T n-Hexatriacontane (C36)	19.987	4345668	48.255 ug/ml
21) T n-Octatriacontane (C38)	20.704	4080813	48.346 ug/ml
22) T n-Tetracontane (C40)	21.580	4148964	48.323 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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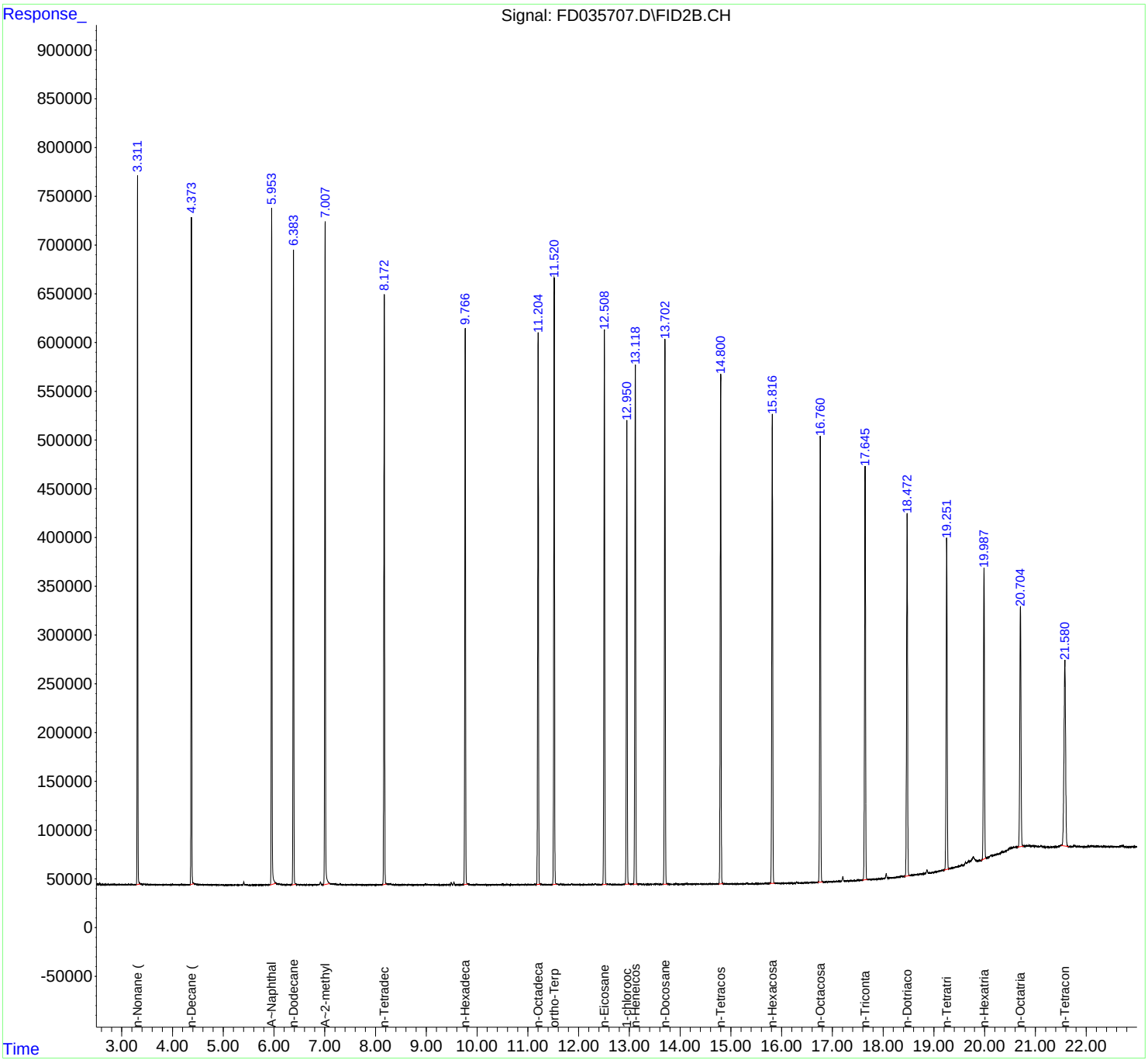
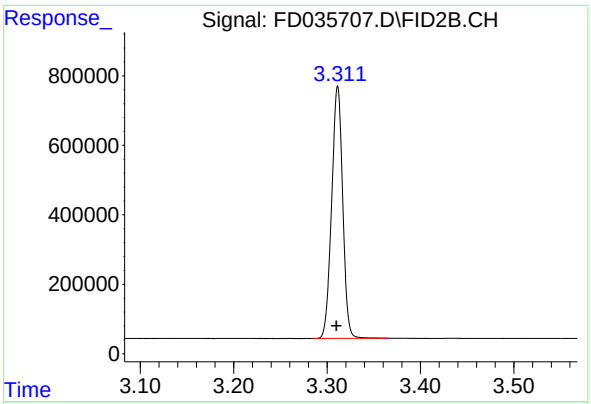
Quant Time: Nov 28 03:55:18 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 112720.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 03:49:49 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

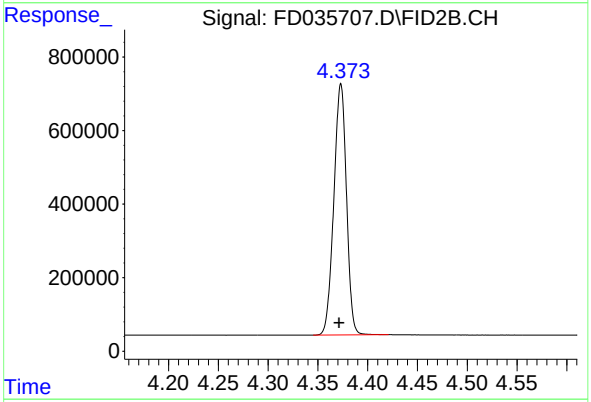
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





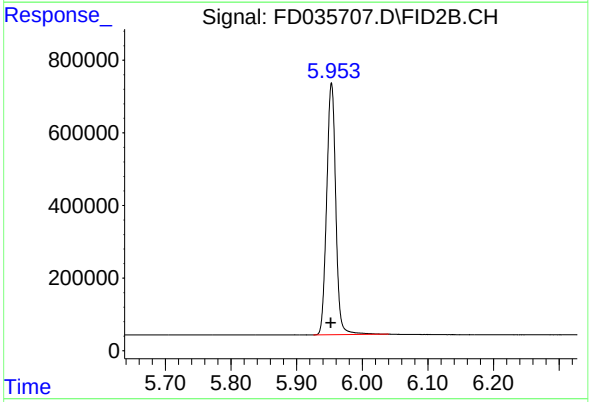
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: 0.001 min
Response: 5970279
Conc: 48.43 ug/ml



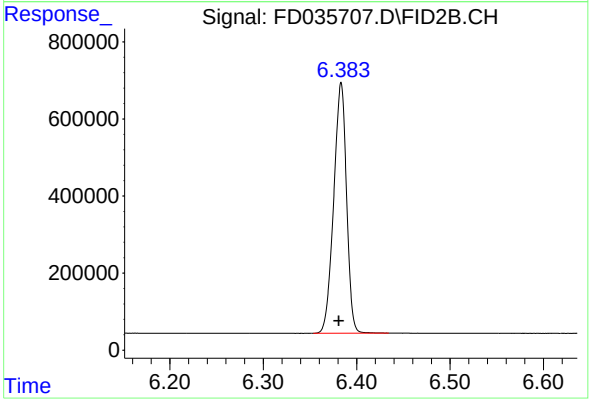
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: 0.002 min
Response: 6036880
Conc: 48.67 ug/ml



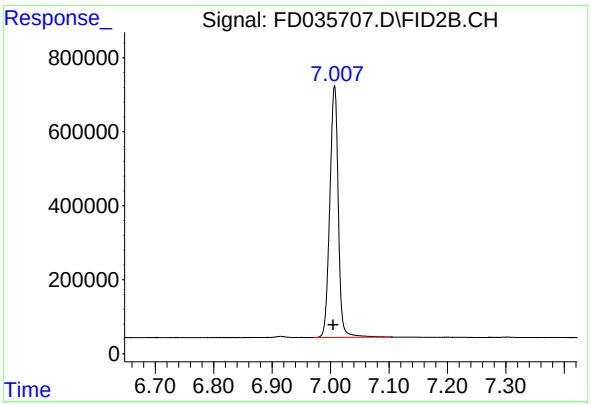
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 6680446
Conc: 49.31 ug/ml



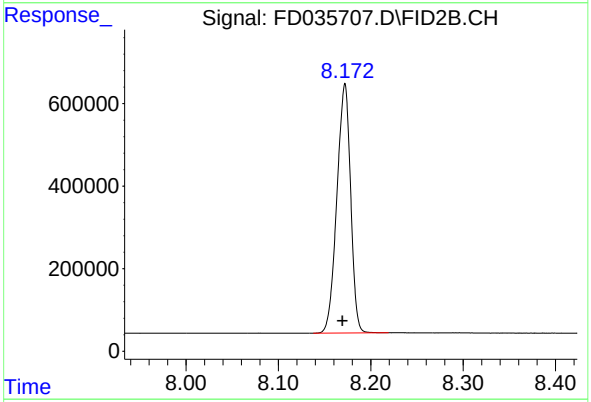
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.003 min
Response: 6204465
Conc: 48.47 ug/ml



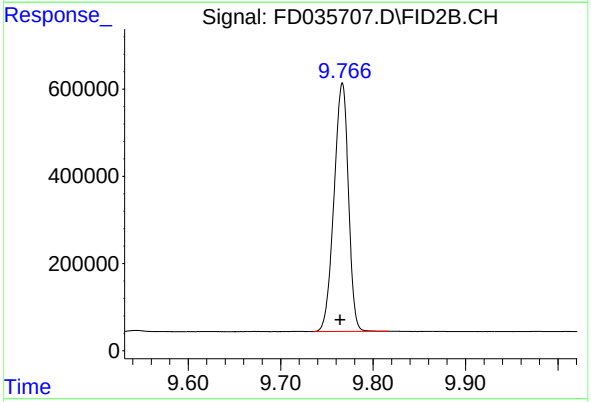
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.003 min
Response: 6853810
Conc: 49.57 ug/ml



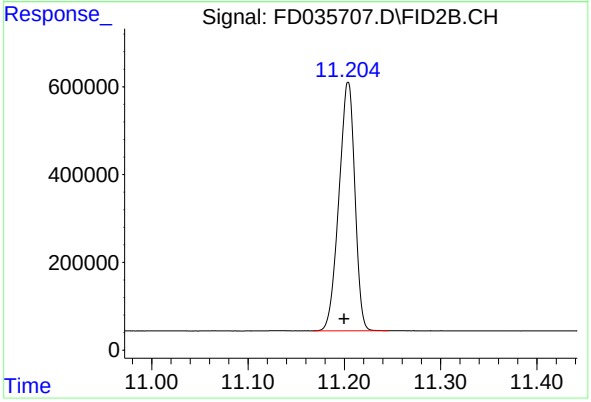
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: 0.003 min
Response: 6239815
Conc: 48.48 ug/ml



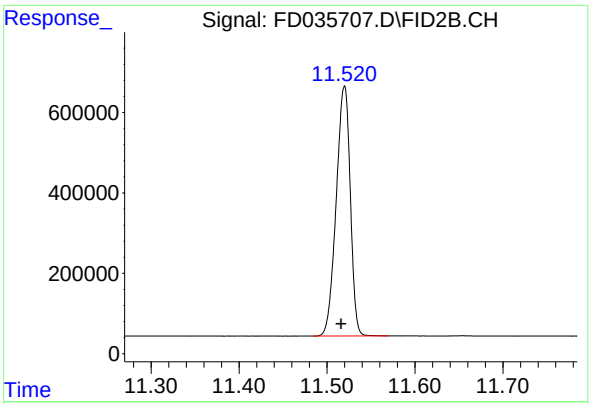
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: 0.003 min
Response: 6184670
Conc: 48.46 ug/ml



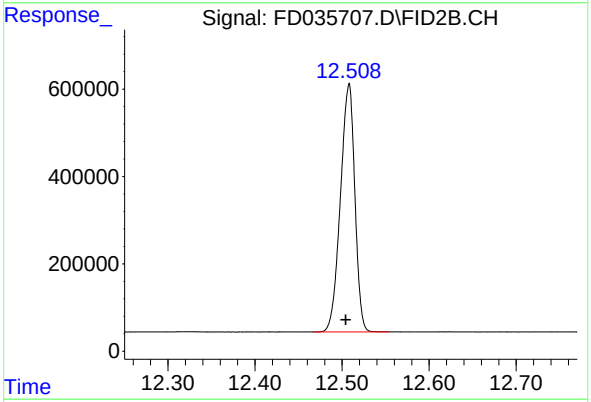
#8 n-Octadecane (C18)

R.T.: 11.204 min
Delta R.T.: 0.004 min
Response: 6476412
Conc: 48.33 ug/ml



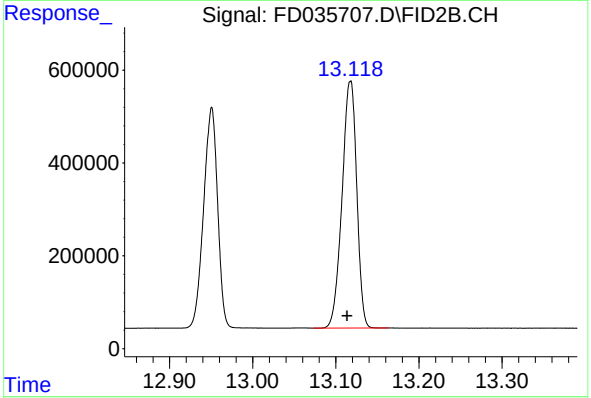
#9 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: 0.004 min
Response: 6908816
Conc: 48.39 ug/ml



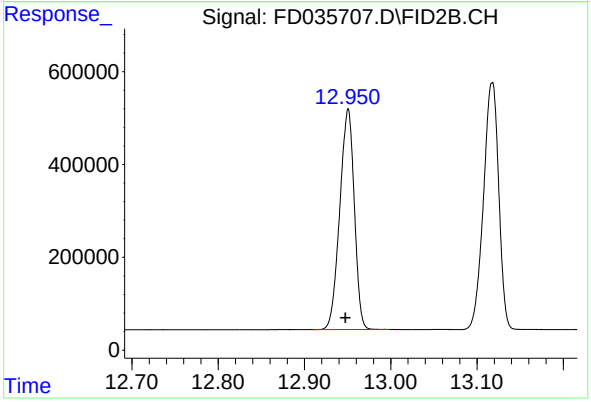
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.004 min
Response: 6542828
Conc: 48.25 ug/ml



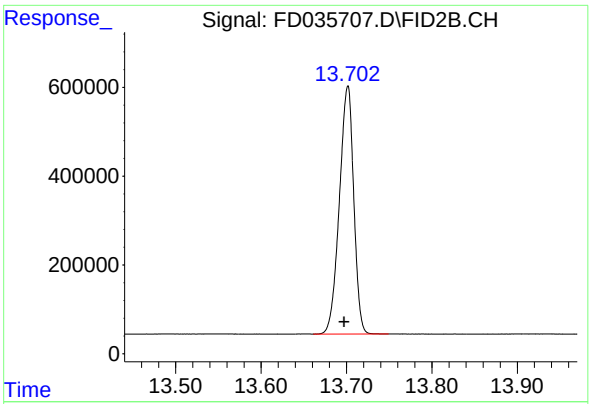
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.004 min
Response: 6530725
Conc: 48.21 ug/ml



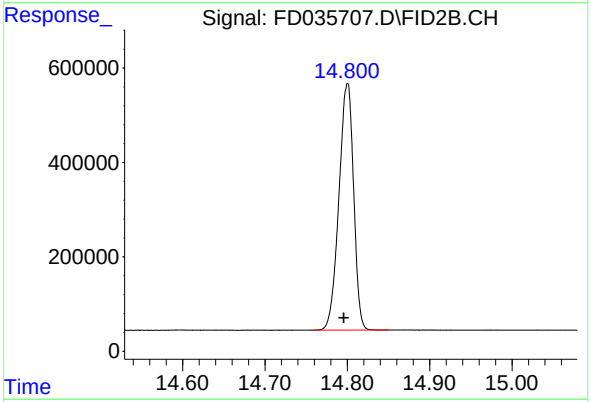
#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.003 min
Response: 5566130
Conc: 48.42 ug/ml



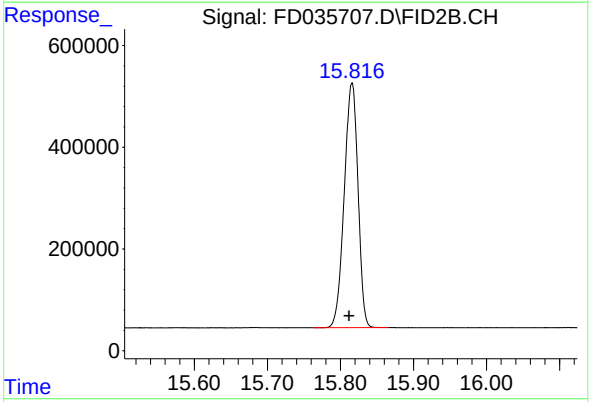
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.005 min
Response: 6525948
Conc: 48.24 ug/ml



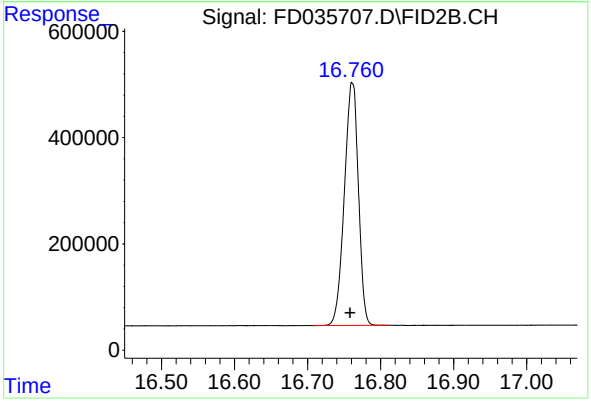
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.004 min
Response: 6475333
Conc: 48.15 ug/ml



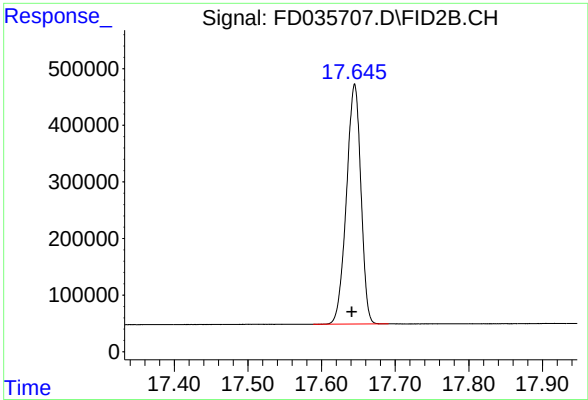
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.004 min
Response: 6303772
Conc: 48.12 ug/ml



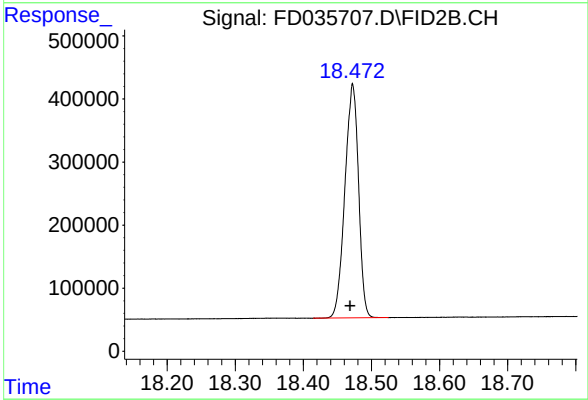
#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.003 min
Response: 6115743
Conc: 48.09 ug/ml



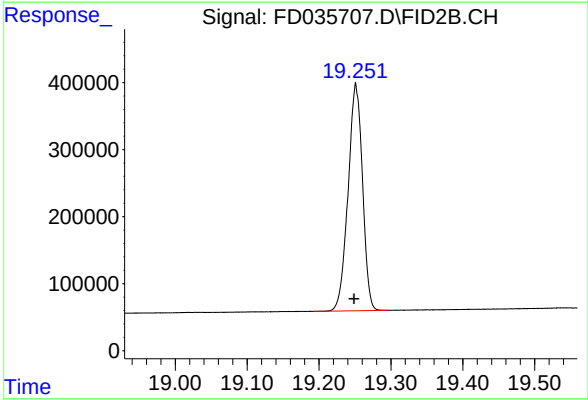
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.004 min
Response: 5775508
Conc: 48.20 ug/ml



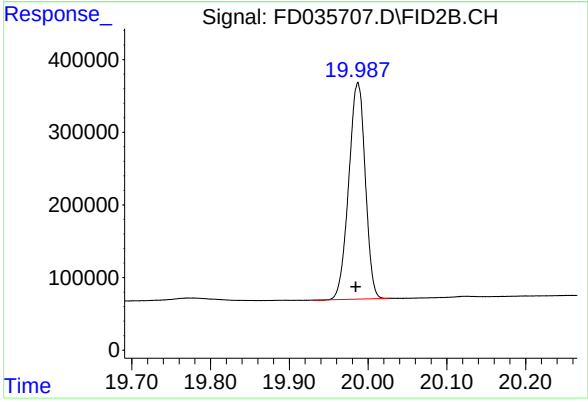
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.004 min
Response: 5159539
Conc: 48.22 ug/ml



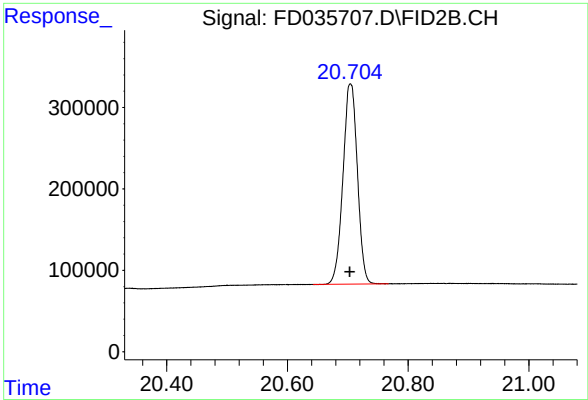
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: 0.002 min
Response: 4710185
Conc: 48.45 ug/ml



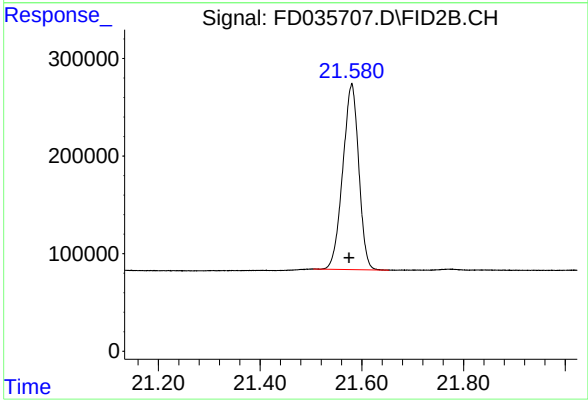
#20 n-Hexatriacontane (C36)

R.T.: 19.987 min
Delta R.T.: 0.003 min
Response: 4345668
Conc: 48.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: 0.001 min
Response: 4080813
Conc: 48.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: 0.005 min
Response: 4148964
Conc: 48.32 ug/ml